U-006-105.6

3704

K-65 SILOS STUDY & EVALUATION CAMARGO REPORT APPENDIX F 2 OF 2 FEBRUARY 1986

2-1-86

DOE/WEMCO
500
REPORT

[redacted]

3704

DEPARTMENT OF ENERGY
FEED MATERIALS PRODUCTION CENTER
FERNALD, OHIO

K-65 SILOS STUDY & EVALUATION APPENDIX F 2 OF 2

FOR:
WESTINGHOUSE MATERIALS COMPANY OF OHIO

prepared by:
CAMARGO ASSOCIATES, LIMITED
CINCINNATI, OHIO

FEBRUARY 1986

OPERATING SYSTEM = NOS 2.3 (417H. 84/11/21. PRINTED = 85/12/11. 08.26.27.

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JOB          = AHBY      FAMILY     = SYSTEM      JOB ORIGIN     = INTERACTIVE.
CREATING JSN = 8N00      USER NAME  = LDTTP       SERVICE CLASS  = INTERACTIVE.
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 AAAAAAAAAA   HH        HH   AAAAAAAAAA   YY        YY   AAAAAAAAAA     OOOOOO  O  LL            MM        MM
AAAAAAAAAAAA  HH        HH  AAAAAAAAAAAA  YY        YY  AAAAAAAAAAAA   OOOOOOOOOO  LL            MMM      MMM
AA        AA  HH        HH  AA        AA  YY        YY  AA        AA  OO      OO  LL            MMMM    MMMM
AA        AA  HH        HH  AA        AA  YY        YY  AA        AA  OO    O OO  LL            MM MM  MM MM
AA        AA  HH        HH  AA        AA  YY        YY  AA        AA  OO    O OO  LL            MM  MMMM  MM
AA        AA  HH        HH  AA        AA  YY        YY  AA        AA  OO   O  OO  LL            MM   MM   MM
AA        AA  HH        HH  AA        AA  YY        YY  AA        AA  OO  O   OO  LL            MM        MM
AAAAAAAAAAAA  HHHHHHHHHHHH  AAAAAAAAAAAA   YYY    YYY   AAAAAAAAAAAA  OO  O   OO  LL            MM        MM
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AA        AA  HH        HH  AA        AA     YYYY      AA        AA  OO  O   OO  LL            MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  OO O    OO  LL            MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  OO O    OO  LL            MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  OO O    OO  LL            MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  OO O    OO  LL            MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  OOO     OO  LL        LL  MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA   OOOOOOOOO  LLLLLLLLLLLL  MM        MM
AA        AA  HH        HH  AA        AA      YY       AA        AA  O  OOOOOO   LLLLLLLLLLLL  MM        MM
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EARTHQUA [illegible] ISIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

NUMBER OF NODAL POINTS---------- 135
NUMBER OF ELEMENTS---------- 183
NUMBER OF DIFFERENT MATERIALS---------- 10
NUMBER OF PRINT ANGLES---------- 0
FLAG FOR STATIC ANALYSIS---------- F
FLAG FOR DYNAMIC ANALYSIS---------- T

DATA FOR STATIC ANALYSIS

NUMBER OF PRESSURE CARDS---------- 0
NUMBER OF FOURIER TERMS---------- 0
ACCELERATION IN THE Z-DIRECTION-------- 386.40
FLAG FOR DEAD LOAD ANALYSIS---------- F
FLAG FOR ARBITRARY EXTER LOAD ANALYSIS- F

DATA FOR DYNAMIC ANALYSIS

NUMBER OF MODES DESIRED---------- 3
NO. OF FOURIER TERMS FOR EXT DYN LOADS- 0
FLAG FOR FREQUENCY AND MODE SHAPE------ T
FLAG FOR RESPONSE CALCULATION---------- T
TYPE OF RESPONSE CALCULATION---------- 2
FLAG FOR EXTERNAL DYNAMIC LOAD--------- F
FLAG FOR HORZ EARTHQUAKE COMPONENT----- T
FLAG FOR VERT EARTHQUAKE COMPONENT----- F

CONTROL CARDS FOR HISTORY, ENVELOPE AND PUNCHING

IHDP	IHPA	IHTA	IHER	IEDP	IEPA	IETA	IEER	IPDP	IPPA	IPTA	IPER	IFOU	IESF
T	F	F	T	T	F	F	T	F	F	F	F	F	F

ISTEADY	IPSI	IMAX	IHYDRO
F	F	F	F

NO OF NODAL POINTS FOR ACCELERATION PRINTOUT 0

MATERIAL NUMBER = 1 MASS DENSITY = 2.2470E-04 (2500 CONC. ROOF)
POISSONS RATIO = .1500
MODULUS OF ELASTICITY = 30.310E+05

MATERIAL NUMBER = 2 MASS DENSITY = 2.2470E-04 (3000 CONC. ROOF , WALL & MAT)
POISSONS RATIO = .1500
MODULUS OF ELASTICITY = 33.210E+05

MATERIAL NUMBER = 3 MASS DENSITY = 2.2470E-04 (3500 CONC. ROOF & WALL)
POISSONS RATIO = .1500
MODULUS OF ELASTICITY = 35.870E+05

MATERIAL NUMBER = 4 MASS DENSITY = 2.2470E-04 (4000 CONC. ROOF & WALL)
POISSONS RATIO = .1500
MODULUS OF ELASTICITY = 38.340E+05

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MATERIAL NUMBER =  5          MASS DENSITY =  1.3524E-03      (3000 C[illegible] + K-65)
                          POISSONS RATIO =   .1500
                  MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER =  6          MASS DENSITY =  5.0173E-03      (3500 CONC. + K-65)
                          POISSONS RATIO =   .1500
                  MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER =  7          MASS DENSITY =  1.8970E-04      (SILTY CLAY)
                          POISSONS RATIO =   .4000
                  MODULUS OF ELASTICITY =  36.400E+03

MATERIAL NUMBER =  8          MASS DENSITY =  1.9020E-04      (SAND & GRAVEL)
                          POISSONS RATIO =   .3000
                  MODULUS OF ELASTICITY =  57.200E+03

MATERIAL NUMBER =  9          MASS DENSITY =  2.0920E-04      (GLACIAL FILL)
                          POISSONS RATIO =   .4000
                  MODULUS OF ELASTICITY =  30.800E+03

MATERIAL NUMBER = 10          MASS DENSITY =  1.9470E-04      (EMBANKEMENT)
                          POISSONS RATIO =   .4000
                  MODULUS OF ELASTICITY =  36.400E+03
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	-.16054E-03	.73327E-03	-.30579E-02	.00000E+00
89	.64585E-03	.16570E-02	-.28148E-02	.00000E+00
90	.94649E-03	.19730E-02	-.21550E-02	-.13453E-05
90	-.57165E-03	.74285E-04	-.12453E-02	.00000E+00
91	-.49232E-03	.14969E-03	-.15115E-02	.00000E+00
92	-.33743E-03	.24509E-03	-.16944E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.37105E-03	.00000E+00	-.43018E-03	.00000E+00
95	-.50737E-03	.00000E+00	-.83170E-03	.00000E+00
96	-.61106E-03	.00000E+00	-.99392E-03	.00000E+00
97	-.64230E-03	.00000E+00	-.93647E-03	.00000E+00
98	-.66590E-03	.00000E+00	-.89837E-03	.00000E+00
99	-.58884E-03	.45564E-04	-.10241E-02	.00000E+00
100	-.11502E-03	.42663E-03	-.21846E-02	.00000E+00
101	.26507E-03	.10320E-02	-.37668E-02	.00000E+00
102	.56734E-03	.19205E-02	-.21127E-02	-.85406E-06
103	.36502E-03	.15190E-02	-.35322E-02	.00000E+00
104	.85272E-03	.19460E-02	-.22870E-02	.00000E+00
105	.98617E-03	.19576E-02	-.20589E-02	-.18568E-06
106	.51279E-03	.18378E-02	-.34483E-02	.00000E+00
107	.83550E-03	.20404E-02	-.22889E-02	.00000E+00
108	.98155E-03	.19192E-02	-.20079E-02	-.14696E-06
109	.99497E-03	.20306E-02	-.19397E-02	-.31539E-06
110	.94547E-03	.21143E-02	-.33769E-02	.00000E+00
111	.91370E-03	.21719E-02	-.23277E-02	.00000E+00
112	.99490E-03	.20571E-02	-.18768E-02	-.22183E-06
113	.87499E-03	.21765E-02	-.29238E-02	.00000E+00
114	.10010E-02	.20147E-02	-.17874E-02	.44656E-06
115	.98030E-03	.21103E-02	-.17073E-02	.30515E-06
116	.99052E-03	.21165E-02	-.15977E-02	-.50075E-06
117	.92498E-03	.22128E-02	-.21443E-02	.00000E+00
118	.99639E-03	.21233E-02	-.15483E-02	-.60991E-06
119	.10196E-02	.21337E-02	-.14649E-02	-.19195E-05
120	.89303E-03	.22332E-02	-.18870E-02	.00000E+00
121	.10894E-02	.21287E-02	-.13491E-02	-.37625E-05
122	.10058E-02	.21590E-02	-.13363E-02	-.42431E-05
123	.11073E-02	.21356E-02	-.13222E-02	-.45358E-05
124	.11135E-02	.22138E-02	-.13081E-02	-.47629E-05
125	.11320E-02	.22430E-02	-.12923E-02	-.48481E-05
126	.11541E-02	.22903E-02	-.12659E-02	-.44231E-05
127	.11726E-02	.23306E-02	-.12396E-02	-.34934E-05
128	.11935E-02	.23793E-02	-.11857E-02	-.78706E-06
129	.11970E-02	.23570E-02	-.11351E-02	.18677E-05
130	.11520E-02	.22123E-02	-.10800E-02	.44711E-05
131	.10616E-02	.20379E-02	-.99656E-03	.63635E-05
132	.96057E-03	.17266E-02	-.92515E-03	.67711E-05
133	.89068E-03	.14268E-02	-.86364E-03	.64172E-05
134	.83209E-03	.11472E-02	-.81439E-03	.60258E-05
135	.78723E-03	.87524E-03	-.77712E-03	.60342E-05
136	.75360E-03	.60088E-03	-.74897E-03	.60671E-05
137	.73450E-03	.33077E-03	-.73311E-03	.61185E-05
138	.72154E-03	.48452E-04	-.72162E-03	.60495E-05
139	.72154E-03	.60514E-05	-.72154E-03	.60601E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3000E+00

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.01E-02	1.48E-02	-3.42E-03	7.91E-02	4.17E-03	-8.45E-02	9.15E-02	-6.67E-02	45.84	1.01E-02	7.91E-02
	-303.00	1.68E-07	3.79E-07	-4.01E-07	7.19E-06	3.79E-07	-7.86E-06	3.87E-06	-3.32E-06			
2	72.00	3.76E-03	1.63E-02	-1.31E-02	5.22E-02	3.25E-03	-5.30E-02	6.26E-02	-4.25E-02	48.44	3.76E-03	5.22E-02

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	-213.00	8.01E-08	6.52E-07	-6.97E-07	4.71E-06	2.55E-07	-4.92E-06	2.76E-06	-2.02E-06				
3	72.00	-1.52E-02	2.22E-02	-2.93E-02	1.94E-02	-8.92E-03	-3.00E-02	3.05E-02	-2.35E-02	66.96	-1.52E-02	1.94E-02	
	-138.00	-2.20E-07	6.22E-07	-5.49E-07	8.83E-07	-4.05E-07	-1.36E-06	8.10E-07	-4.17E-07				
4	24.00	1.88E-01	2.00E-01	2.56E-01	3.24E-02	-4.83E-02	-6.24E-02	2.27E-01	1.61E-01	49.85	1.88E-01	3.24E-02	
	-68.00	1.70E-07	5.54E-07	2.77E-06	2.49E-06	-3.71E-06	-4.80E-06	1.65E-06	-8.81E-07				
5	72.00	-1.32E-01	-9.91E-02	-1.64E-01	3.67E-02	-1.04E-02	-1.84E-02	-7.52E-02	-1.55E-01	56.95	-9.91E-02	-3.67E-02	
	-88.00	-7.21E-07	5.29E-07	-1.98E-06	2.82E-06	-8.03E-07	-1.42E-06	1.45E-06	-1.64E-06				
6	120.00	-8.80E-02	-1.05E-01	-1.20E-01	7.57E-03	3.40E-03	-1.09E-02	-8.51E-02	-1.08E-01	21.04	-9.04E-02	-9.61E-03	
	-68.00	5.59E-08	-5.82E-07	-1.19E-06	5.82E-07	2.61E-07	-6.42E-07	1.68E-07	-7.01E-07				
7	36.25	-1.67E-02	-1.93E-02	-3.46E-02	3.38E-02	-1.97E-03	-2.48E-02	1.59E-02	-5.19E-02	43.93	-1.79E-02	3.39E-02	
	-10.00	1.32E-07	3.44E-08	-5.54E-07	2.60E-06	-1.51E-07	-1.01E-06	1.39E-06	-1.22E-06				
8	108.00	-5.68E-03	1.22E-02	-2.49E-02	-5.27E-03	-4.75E-03	-1.53E-02	1.36E-02	-7.11E-03	-74.74	-5.68E-03	-5.27E-03	
	-10.00	-1.67E-08	6.71E-07	-7.55E-07	-4.05E-07	-3.65E-07	-1.17E-06	7.26E-07	-7.19E-08				
9	216.00	3.21E-02	6.07E-02	2.83E-02	8.10E-02	-2.24E-03	-9.56E-02	1.29E-01	-3.59E-02	50.01	3.21E-02	8.10E-02	
	-303.00	-1.14E-07	1.19E-06	-2.86E-07	7.37E-06	-2.03E-07	-8.69E-06	4.28E-06	-3.20E-06				
10	216.00	2.23E-02	6.42E-02	9.00E-03	5.25E-02	-5.69E-03	-6.58E-02	9.98E-02	-1.33E-02	55.87	2.23E-02	5.25E-02	
	-213.00	-2.13E-07	1.69E-06	-8.64E-07	4.78E-06	-5.17E-07	-5.98E-06	3.31E-06	-1.83E-06				
11	216.00	-1.97E-02	5.52E-02	-6.37E-02	2.45E-02	-1.25E-02	-4.25E-02	6.25E-02	-2.70E-02	73.41	-1.97E-02	2.45E-02	
	-138.00	-3.00E-07	1.40E-06	-1.30E-06	1.11E-06	-5.67E-07	-1.93E-06	1.57E-06	-4.66E-07				
12	168.00	9.23E-02	2.19E-01	9.36E-02	6.17E-02	-2.58E-02	-6.29E-02	2.44E-01	6.72E-02	67.88	9.23E-02	6.17E-02	
	-68.00	-8.99E-07	3.97E-06	-8.48E-07	4.74E-06	-1.99E-06	-4.84E-06	4.94E-06	-1.86E-06				
13	216.00	-1.35E-01	-8.39E-02	-1.69E-01	4.84E-02	-2.85E-02	-4.17E-03	-8.48E-02	-1.65E-01	58.99	-8.39E-02	-4.84E-02	
	-88.00	-9.42E-07	1.04E-06	-2.23E-06	3.73E-06	-2.19E-06	-3.21E-07	2.16E-06	-2.06E-06				
14	264.00	-8.20E-02	-1.08E-01	-1.42E-01	1.44E-02	3.49E-03	-2.34E-02	-7.55E-02	-1.14E-01	24.16	-8.29E-02	-1.52E-02	
	-68.00	4.93E-07	-4.92E-07	-1.82E-06	1.11E-06	2.68E-07	-1.80E-06	7.41E-07	-7.40E-07				
15	180.00	-5.01E-02	-1.21E-02	-7.10E-02	4.37E-02	-1.56E-02	-1.19E-02	1.66E-02	-7.88E-02	56.76	-5.01E-02	4.37E-02	
	-10.00	-4.64E-07	5.99E-07	-1.27E-06	3.36E-06	-1.20E-06	-9.15E-07	2.10E-06	-1.57E-06				
16	252.00	-4.29E-04	3.10E-02	-4.67E-02	-2.30E-03	-7.90E-03	-1.60E-02	3.12E-02	-5.97E-04	-85.83	-4.29E-04	-2.30E-03	
	-10.00	1.61E-07	1.37E-06	-1.62E-06	-1.77E-07	-6.08E-07	-1.23E-06	1.38E-06	1.54E-07				
17	361.00	5.48E-02	1.21E-01	5.63E-02	7.26E-02	-1.10E-03	-1.16E-01	1.67E-01	8.01E-03	57.19	5.48E-02	7.26E-02	
	-303.00	-4.92E-07	2.50E-06	-5.16E-07	6.60E-06	-9.96E-08	-1.05E-05	4.63E-06	-2.62E-06				
18	361.00	2.24E-02	1.23E-01	1.47E-02	5.89E-02	-4.34E-03	-6.56E-02	1.50E-01	-4.70E-03	65.29	2.24E-02	5.89E-02	
	-213.00	-1.07E-06	3.52E-06	-1.42E-06	5.36E-06	-3.95E-07	-7.78E-06	4.76E-06	-2.30E-06				
19	361.00	-3.38E-02	1.04E-01	-8.51E-02	6.75E-02	-1.45E-02	-6.07E-02	1.32E-01	-6.13E-02	67.84	-3.38E-02	6.75E-02	
	-138.00	-6.92E-07	2.45E-06	-1.86E-06	3.07E-06	-6.61E-07	-2.76E-06	3.08E-06	-1.32E-06				
20	312.00	1.58E-01	3.28E-01	1.38E-01	1.05E-01	-3.69E-02	-1.13E-01	3.79E-01	1.07E-01	64.54	1.58E-01	1.05E-01	
	-68.00	-8.01E-07	5.77E-06	-1.54E-06	8.10E-06	-2.84E-06	-8.65E-06	7.70E-06	-2.73E-06				
21	360.67	-2.07E-01	-2.00E-01	-2.54E-01	9.04E-02	-3.93E-02	-2.31E-02	-1.13E-01	-2.94E-01	46.10	-2.00E-01	-9.04E-02	
	-88.00	-6.97E-07	-4.29E-07	-2.50E-06	6.95E-06	-3.02E-06	-1.77E-06	2.92E-06	-4.04E-06				
22	408.33	1.51E-01	2.25E-01	7.00E-02	7.51E-02	-7.63E-03	-9.67E-02	2.72E-01	1.05E-01	58.19	2.69E-01	2.09E-02	
	-68.00	8.94E-07	3.76E-06	-2.21E-06	5.78E-06	-5.87E-07	-7.43E-06	5.55E-06	-8.98E-07				
23	324.00	-6.20E-02	-1.41E-02	-1.03E-01	6.63E-02	-2.68E-02	-2.31E-02	3.25E-02	-1.09E-01	54.93	-6.20E-02	6.63E-02	
	-10.00	-4.19E-07	1.42E-06	-1.99E-06	5.10E-06	-2.06E-06	-1.78E-06	3.21E-06	-2.21E-06				
24	372.00	-1.84E-03	5.59E-02	-5.87E-02	5.35E-02	-2.79E-02	-3.51E-02	9.07E-02	-3.27E-02	60.00	-1.84E-03	5.35E-02	
	-0.33	-6.37E-08	2.31E-06	-2.25E-06	4.11E-06	-2.15E-06	-2.70E-06	3.50E-06	-1.25E-06				
25	401.25	-2.76E-02	-1.84E-02	-1.04E-01	2.40E-02	-1.45E-02	-3.75E-02	1.45E-03	-4.74E-02	50.42	-4.65E-02	6.53E-03	
	-10.00	5.86E-07	9.39E-07	-2.35E-06	1.84E-06	-1.12E-06	-2.89E-06	1.70E-06	-1.77E-07				
26	427.67	2.29E-01	4.17E-01	1.75E-01	7.77E-02	-3.58E-02	-7.04E-02	4.45E-01	2.01E-01	70.20	2.93E-01	1.18E-01	
	-0.33	-2.17E-07	7.01E-06	-2.29E-06	5.98E-06	-2.75E-06	-5.42E-06	8.09E-06	-1.29E-06				
27	457.00	6.91E-02	1.68E-01	7.46E-02	5.85E-02	1.33E-03	-1.30E-01	1.95E-01	4.20E-02	65.10	6.91E-02	5.85E-02	
	-303.00	-9.06E-07	3.59E-06	-6.57E-07	5.32E-06	1.21E-07	-1.19E-05	4.82E-06	-2.14E-06				
28	457.00	1.49E-02	1.78E-01	2.23E-02	6.16E-02	-1.91E-03	-1.03E-01	1.99E-01	-5.70E-03	71.48	1.49E-02	6.16E-02	
	-213.00	-2.12E-06	5.30E-06	-1.78E-06	5.60E-06	-1.74E-07	-9.34E-06	6.24E-06	-3.05E-06				
29	457.00	-1.20E-01	8.11E-02	-1.38E-01	1.09E-01	-8.80E-03	-6.96E-02	1.29E-01	-1.66E-01	66.39	-1.20E-01	1.09E-01	
	-138.00	-1.80E-06	2.77E-06	-2.20E-06	4.94E-06	-4.00E-07	-3.12E-06	3.85E-06	-2.88E-06				
30	442.00	2.59E-01	5.82E-01	2.61E-01	1.86E-01	-1.74E-02	-1.57E-01	6.66E-01	1.73E-01	65.52	2.58E-01	1.86E-01	
	-68.00	-2.18E-06	1.03E-05	-2.04E-06	1.43E-05	-1.34E-06	-1.21E-05	1.35E-05	-5.44E-06				
31	457.33	-1.45E-01	1.39E-01	-8.72E-02	2.67E-02	9.69E-03	-7.60E-02	1.42E-01	-1.48E-01	84.68	1.39E-01	-2.67E-02	
	-88.00	-4.56E-06	6.37E-06	-2.33E-06	2.05E-06	7.60E-07	-5.85E-06	6.47E-06	-4.65E-06				
32	472.67	6.03E-01	1.07E+00	5.86E-01	1.13E-01	-1.28E-02	-1.54E-01	1.05E+00	5.77E-01	77.07	7.31E-01	2.36E-01	
	-68.00	-1.42E-06	1.63E-05	-2.26E-06	8.67E-05	-9.86E-07	-1.18E-05	1.73E-05	-2.61E-06				
33	443.00	1.40E-02	1.13E-01	-3.70E-02	1.37E-01	-2.15E-02	-5.94E-02	2.12E-01	-8.05E-02	55.39	1.40E-02	1.37E-01	
	-10.50	5.05E-07	3.49E-06	-2.46E-06	1.05E-05	-1.65E-06	-4.57E-06	7.12E-06	-4.14E-06				
34	454.[illegible]	[illegible].73E-01	7.51E-01	4.45E-01	2.09E-01	-3.65E-02	[illegible]-01	8.96E-01	4.38E-01	57.13	6.67E-01	2.29[illegible]	

[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.1134E+02	.2037E+01	.4935E+00	-.2[illegible]E+02	.2990E+02	-.4826E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1412E+02	-.1847E+01	.5275E+00	-.2716E+02	.2302E+02	-.4310E+02
109	.6653E+01	.1214E+01	.5054E+00	-.2608E+02	.1809E+02	-.3767E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1238E+02	-.1702E+01	.5267E+00	-.1882E+02	.1317E+02	-.3007E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1763E+02	-.2541E+01	.2815E+00	-.1372E+02	.8555E+01	-.2277E+02
115	.7824E+01	.1260E+01	.2775E+00	-.8841E+01	.7308E+01	-.1510E+02
116	-.9216E+01	-.1184E+01	.3620E+00	-.4594E+01	.3832E+01	-.8906E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1894E+01	-.2523E+00	.3539E+00	-.8672E+01	.1584E+01	-.1016E+02
119	.6771E+01	.1012E+01	.4739E+00	.1409E+01	-.1608E+00	-.3273E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.5109E+01	-.1395E+01	-.3788E+00	.4795E+01	-.5518E+01	.8566E-01
122	-.5475E+01	-.1850E+01	-.1414E+01	-.5393E+00	-.6473E+01	-.2427E+01
123	-.5148E+01	-.1491E+01	-.1241E+01	-.5339E+00	-.6256E+01	-.2351E+01
124	-.4736E+01	-.1134E+01	-.8485E+00	-.5195E+00	-.5661E+01	-.2288E+01
125	-.4216E+01	-.8599E+00	-.6215E+00	-.5031E+00	-.5241E+01	-.2221E+01
126	-.3260E+01	-.6112E+00	-.5958E+00	-.4922E+00	-.5261E+01	-.2151E+01
127	-.2292E+01	-.4082E+00	-.6427E+00	-.4628E+00	-.5355E+01	-.2022E+01
128	-.9019E+00	-.1234E+00	-.7220E+00	-.4055E+00	-.5170E+01	-.1857E+01
129	-.1905E+00	.1567E-01	-.7266E+00	-.3336E+00	-.4615E+01	-.1640E+01
130	.2472E+00	.8507E-01	-.6648E+00	-.2607E+00	-.3816E+01	-.1389E+01
131	.2342E+00	.3999E-01	-.5681E+00	-.1748E+00	-.2768E+01	-.1138E+01
132	.3479E-02	-.7760E-02	-.4402E+00	-.1376E+00	-.2044E+01	-.8994E+00
133	.1075E-01	-.5707E-02	-.3838E+00	-.1071E+00	-.1581E+01	-.7096E+00
134	-.4764E-02	-.8704E-02	-.3683E+00	-.8034E-01	-.1151E+01	-.5463E+00
135	-.1420E-01	-.6363E-02	-.4123E+00	-.5686E-01	-.8495E+00	-.4039E+00
136	.1928E-02	-.4212E-02	-.5430E+00	-.3266E-01	-.5611E+00	-.2730E+00
137	.2732E-03	-.3629E-03	-.8097E+00	.3578E-02	-.2618E+00	-.1518E+00
138	.0532E-02	-.9182E-02	-.9327E+01	.3865E-01	.7980E-01	-.6520E-01
139	-.8127E-02	-.1320E-01	-.8163E+01	.2477E-02	-.4468E-01	.5156E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.60401E-03	.43740E-05	-.69296E-03	.00000E+00
3	.10121E-02	.32368E-04	-.98731E-03	.00000E+00
4	.10117E-02	.43595E-04	-.94513E-03	.00000E+00
5	.98161E-03	-.35428E-04	-.98214E-03	.00000E+00
6	.94726E-03	.91216E-05	-.94585E-03	.47393E-05
7	.99383E-03	.23770E-03	-.10499E-02	.00000E+00
8	.95392E-03	.20331E-03	-.97910E-03	.12181E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.65247E-03	.63343E-04	-.68924E-03	.00000E+00
11	.98669E-03	.15272E-03	-.10936E-02	.00000E+00
12	.97114E-03	.21553E-03	-.11135E-02	.00000E+00
13	.99785E-03	.13327E-03	-.11165E-02	.00000E+00
14	.94750E-03	.30345E-03	-.10737E-02	.27113E-05
15	.93312E-03	.51132E-03	-.13205E-02	.00000E+00
16	.96537E-03	.51206E-03	-.12253E-02	.15307E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.61950E-03	.14384E-03	-.83034E-03	.00000E+00
19	.95023E-03	.36533E-03	-.13502E-02	.00000E+00
20	.91325E-03	.45782E-03	-.13946E-02	.00000E+00
21	.96859E-03	.43331E-03	-.14324E-02	.00000E+00
22	.93305E-03	.50247E-03	-.14340E-02	.26548E-05

23	.91096E-03	.85721E-03	-.17480E-02	.00000E+00
24	.93031E-03	.89409E-03	-.17013E-02	.42115E-05
25	.97801E-03	.13371E-02	-.16595E-02	.17177E-05
26	.92436E-03	.10580E-02	-.19489E-02	.54413E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.47584E-03	.30313E-03	-.10101E-02	.00000E+00
29	.75993E-03	.71135E-03	-.16592E-02	.00000E+00
30	.57835E-03	.90147E-03	-.17814E-02	.00000E+00
31	.97708E-03	.10319E-02	-.19546E-02	.00000E+00
32	.92424E-03	.12222E-02	-.20446E-02	.10490E-04
33	.92459E-03	.12781E-02	-.20357E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.39346E-03	.34663E-03	-.10595E-02	.00000E+00
36	.67952E-03	.98051E-03	-.18299E-02	.00000E+00
37	.82409E-03	.10234E-02	-.18903E-02	.00000E+00
38	.88502E-03	.13343E-02	-.21070E-02	.00000E+00
39	.97557E-03	.17152E-02	-.22380E-02	.51544E-05
40	.97381E-03	.16274E-02	-.21955E-02	.10213E-04
41	.97231E-03	.15123E-02	-.21545E-02	.12084E-04
42	.94675E-03	.13551E-02	-.21026E-02	.12204E-04
43	.46892E-03	.11729E-02	-.21351E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.56165E-04	.32591E-03	-.11338E-02	.00000E+00
46	.22269E-03	.85702E-03	-.20401E-02	.00000E+00
47	.97649E-03	.17346E-02	-.22598E-02	.47038E-06
48	.97635E-03	.17292E-02	-.22519E-02	.27427E-05
49	.87064E-03	.13921E-02	-.21168E-02	.00000E+00
50	.95985E-03	.17407E-02	-.22438E-02	.28006E-05
51	.59436E-03	.13374E-02	-.22871E-02	.00000E+00
52	.73501E-03	.15944E-02	-.23746E-02	.00000E+00
53	.97905E-03	.17140E-02	-.22883E-02	-.27949E-05
54	.28439E-03	.95956E-03	-.21585E-02	.00000E+00
55	.37254E-03	.11569E-02	-.23582E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.38908E-04	.10522E-03	-.10392E-02	.00000E+00
58	-.47944E-04	.33423E-03	-.19300E-02	.00000E+00
59	.57142E-03	.14446E-02	-.25195E-02	.00000E+00
60	.62574E-03	.15593E-02	-.23775E-02	.00000E+00
61	.95120E-03	.17473E-02	-.22423E-02	.29467E-05
62	.47736E-04	.58566E-03	-.22946E-02	.00000E+00
63	.19283E-03	.79336E-03	-.26236E-02	.00000E+00
64	.75145E-03	.16349E-02	-.23745E-02	.00000E+00
65	.94230E-03	.17533E-02	-.22403E-02	.29609E-05
66	.92533E-03	.17654E-02	-.22364E-02	.26037E-05
67	.91209E-03	.17789E-02	-.22332E-02	.17298E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.10368E-03	.77407E-04	-.66870E-03	.00000E+00
70	-.18233E-03	.40397E-03	-.21124E-02	.00000E+00
71	.24113E-03	.10545E-02	-.29783E-02	.00000E+00
72	.72622E-03	.16460E-02	-.24145E-02	.00000E+00
73	-.15493E-03	.53324E-03	-.25218E-02	.00000E+00
74	.78134E-03	.17510E-02	-.23977E-02	.00000E+00
75	.30548E-03	.17305E-02	-.22285E-02	.34489E-06
76	.91169E-03	.18133E-02	-.22073E-02	-.82069E-06
77	-.33892E-04	.82287E-03	-.29868E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.21410E-03	.68400E-04	-.98387E-03	.00000E+00
80	-.38272E-03	.27420E-03	-.20324E-02	.00000E+00
81	-.39761E-03	.35051E-03	-.22162E-02	.00000E+00
82	-.36722E-03	.53172E-03	-.27804E-02	.00000E+00
83	.30624E-03	.13560E-02	-.31965E-02	.00000E+00
84	-.32490E-04	.10177E-02	-.36022E-02	.00000E+00
85	.92403E-03	.18446E-02	-.21063E-02	-.10885E-05
	.79876E-03	.18368E-02	-.23155E-02	.00000E+00

	184.	7.12E-06	-1.15E-06	1.59E-06	-3.99E-05	5.53E-06	[illegible]	[illegible]E-06	7.57E-06	-1.61E-06			
122	547.	1.23E-01	-1.61E-01	3.52E-02	-2.23E-01	2.63E-02	[illegible]	[illegible]4E-02	2.46E-01	-2.84E-01	-28.77	-2.49E-01	1.30[illegible]
	200.	4.73E-06	-5.21E-06	1.49E-06	-1.72E-05	2.03E-06	[illegible]	[illegible]26E-06	5.44E-06	-1.05E-05			
123	515.50	-1.27E-01	-2.18E-01	-1.35E-01	-6.91E-02	5.41E-02	2.35E-01	-9.51E-02	-2.97E-01	-22.20	-1.27E-01	-6.91E-02	
	216.00	9.71E-07	-4.46E-06	5.59E-07	-5.32E-05	4.16E-06	1.81E-05	2.06E-06	-5.54E-06				
124	515.50	2.73E-01	1.76E-01	2.32E-01	-3.57E-02	1.69E-01	2.55E-02	2.85E-01	1.64E-01	-18.09	1.76E-01	3.57E-02	
	232.00	3.03E-06	-7.21E-07	1.43E-06	-2.75E-06	1.30E-05	1.96E-06	3.48E-06	-1.17E-06				
125	547.50	1.97E-01	1.54E-01	1.89E-01	-6.54E-02	8.00E-02	-1.25E-01	2.44E-01	1.07E-01	-35.96	1.26E-01	4.77E-02	
	248.00	1.63E-06	-1.09E-08	1.35E-06	-5.03E-06	6.16E-06	-9.59E-06	3.46E-06	-1.84E-06				
126	515.50	-1.26E-01	-2.47E-01	-1.39E-01	3.59E-03	6.16E-02	1.98E-01	-1.26E-01	-2.47E-01	1.70	-1.26E-01	3.59E-03	
	264.00	7.67E-07	-3.98E-06	2.96E-07	2.76E-07	4.74E-06	1.52E-05	7.71E-07	-3.98E-06				
127	515.50	2.29E-01	1.59E-01	1.99E-01	-3.86E-02	1.64E-01	1.09E-02	2.45E-01	1.42E-01	-24.19	1.59E-01	3.86E-02	
	276.00	2.32E-06	-3.23E-07	1.23E-06	-2.97E-06	1.42E-05	8.40E-07	2.95E-06	-9.89E-07				
128	531.50	5.09E-02	1.66E-02	4.62E-02	-1.72E-02	5.70E-02	3.03E-03	5.80E-02	9.50E-03	-22.58	5.09E-02	-1.72E-02	
	297.00	7.06E-07	-4.09E-07	5.28E-07	-1.32E-06	4.38E-06	2.33E-07	9.82E-07	-8.84E-07				
129	515.50	-1.87E-01	-3.27E-01	-2.06E-01	-3.02E-04	6.50E-02	1.67E-01	-1.87E-01	-3.27E-01	-.12	-1.87E-01	-3.02E-04	
	320.00	7.23E-07	-4.67E-06	-1.14E-08	-2.33E-08	5.00E-06	1.29E-05	7.23E-07	-4.67E-06				
183	565.50	4.50E-02	-1.75E-01	4.45E-02	-3.34E-01	-9.29E-02	3.03E-01	2.96E-01	-4.17E-01	-35.85	4.50E-02	-3.34E-01	
	-8.00	2.68E-06	-5.82E-06	2.66E-06	-2.57E-05	-7.15E-06	2.33E-05	1.20E-05	-1.51E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTEP TERM, NUMBER 1 AT TIME = .2000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4654E+01	-.2720E+02	-.6693E+02	-.6194E+01	-.2092E+02	.1266E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.7386E+00	-.4671E+00	-.3492E+00	-.2646E+01	.5310E+01	.4835E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.9881E+00	.1954E+00	-.1941E+00	-.3260E+01	.1271E+02	.8243E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1314E+01	-.2789E+00	-.9272E-01	-.4300E+01	.1925E+02	.1199E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1511E+01	.2415E+00	-.8237E-01	-.5616E+01	.2590E+02	.1589E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2954E+00	.5562E-01	-.1209E+00	-.8346E+01	.3220E+02	.2018E+02
25	-.2469E+01	-.4085E+00	-.5733E-01	-.1113E+02	.3539E+02	.2413E+02
26	.5635E+01	.8826E+00	-.8559E-01	-.1158E+02	.3725E+02	.2703E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7711E+01	.1876E+01	-.5413E+00	-.1113E+02	.4975E+02	.2924E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

39	-.3064E+03	-.4650E+02	-.1452E+01	-.1663E+02	.1256E+03	.4518E+02
40	-.1[illegible]E+03	-.2173E+02	-.2014E+01	-.1455E+02	.1244E+03	.4171E+02
41	-.4[illegible]E+02	-.4625E+01	-.4355E+01	-.1167E+02	.1130E+03	.3665E+02
42	-.3254E+01	.2661E+01	-.2501E+01	-.1044E+02	.8162E+02	.3205E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.3224E+03	-.9156E+01	-.2823E+00	.3206E+01	.1287E+03	-.1762E+02
48	-.2454E+02	-.7449E+01	-.3365E+00	-.1275E+02	.1179E+03	-.1329E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1074E+03	.2920E+02	.7252E+00	-.2458E+02	.8391E+02	-.6656E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1304E+00	-.4483E+01	-.7143E-01	.2439E+01	.1273E+03	-.1591E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1298E+03	.2009E+02	.7523E+00	-.2389E+02	.6983E+02	-.6393E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.9285E+02	.1453E+02	.1059E+01	-.2248E+02	.6848E+02	-.6243E+02
66	.3732E+02	.6169E+01	.1384E+01	-.2389E+02	.6403E+02	-.6471E+02
67	-.5262E+02	-.7332E+01	.1430E+01	-.2375E+02	.6049E+02	-.6481E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.9442E+02	-.1356E+02	.1322E+01	-.2825E+02	.6023E+02	-.6001E+02
76	.8450E+01	.1860E+01	.1024E+01	-.3115E+02	.5643E+02	-.5952E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.4051E+02	-.5557E+01	.8123E+00	-.3158E+02	.4993E+02	-.5804E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1488E+02	.2699E+01	.6716E+00	-.3472E+02	.4298E+02	-.5531E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00
[illegible]	-.2445E+02	-.3204E+01	.5653E+00	-.[illegible]02	.3559E+02	-.5214E+02

	-75.0	[illegible].53E-04	-2.49E-04	1.92E-06	-6.67E-06	-3.76E-06	[illegible]E-05	3.41E-06	-4.38E-06					
58	712.00	[illegible].23E-02	-3.03E-02	9.50E-02	-1.20E-01	-3.62E-02	[illegible]E-01	1.55E-01	-1.07E-01	-32.50	8.20E-02	-1.23E[illegible]
	-18.00	1.54E-06	-2.78E-06	2.04E-06	-9.26E-06	-2.78E-06	[illegible]E-05	4.45E-06	-5.73E-06			
59	937.00	4.50E-01	2.21E-01	2.48E-01	-1.37E-01	-1.43E-01	2.38E-01	5.14E-01	1.57E-01	-25.07	2.21E-01	1.37E-01
	-318.00	8.26E-06	-2.16E-06	.00E+00	-1.25E-05	-1.30E-05	2.16E-05	1.12E-05	-5.07E-06			
60	887.00	1.05E-02	-9.27E-02	-3.29E-02	-3.70E-01	-4.87E-02	5.51E-01	3.32E-01	-4.14E-01	-41.03	-3.91E-01	1.28E-01
	-298.00	1.97E-06	-2.72E-06	.00E+00	-3.36E-05	-4.42E-06	5.01E-05	1.66E-05	-1.73E-05			
61	987.00	-1.22E-01	-1.32E-01	-1.02E-01	-3.66E-01	4.08E-02	5.38E-01	2.39E-01	-4.94E-01	-44.61	-1.22E-01	-3.66E-01
	-298.00	-9.29E-07	-1.39E-06	.00E+00	-3.33E-05	3.70E-06	4.80E-05	1.55E-05	-1.76E-05			
62	1037.00	4.04E-01	2.09E-01	2.45E-01	-2.59E-01	-1.35E-01	4.49E-01	5.83E-01	2.92E-02	-34.69	2.09E-01	2.59E-01
	-318.00	7.22E-06	-1.65E-06	.00E+00	-2.36E-05	-1.22E-05	4.08E-05	1.54E-05	-9.80E-06			
63	962.00	7.08E-03	-4.59E-02	1.46E-02	-1.95E-01	-2.19E-02	2.84E-01	1.71E-01	-2.16E-01	-41.13	7.08E-03	-1.95E-01
	-213.00	6.37E-07	-1.77E-06	9.80E-07	-1.77E-05	-1.99E-06	2.58E-05	8.39E-06	-9.52E-06			
64	1012.00	-1.37E-02	-5.60E-02	5.17E-04	-2.02E-01	3.94E-03	3.01E-01	1.66E-01	-2.38E-01	-42.01	-1.37E-02	-2.02E-01
	-213.00	2.76E-07	-1.65E-06	9.22E-07	-1.84E-05	3.58E-07	2.73E-05	8.56E-06	-9.93E-06			
65	837.00	9.62E-02	-5.53E-02	1.01E-01	-1.66E-01	1.36E-02	2.83E-01	2.03E-01	-1.62E-01	-32.71	-5.53E-02	1.66E-01
	-148.00	1.44E-06	-2.00E-06	1.55E-06	-7.53E-06	6.19E-07	1.29E-05	3.86E-06	-4.42E-06			
66	937.00	6.56E-02	-7.67E-02	7.57E-02	-2.63E-01	-4.21E-02	3.52E-01	2.67E-01	-2.78E-01	-37.43	-2.38E-01	1.41E-01
	-128.00	1.15E-06	-2.09E-06	1.38E-06	-1.19E-05	-1.91E-06	1.60E-05	5.72E-06	-6.65E-06			
67	1037.00	3.01E-01	-8.35E-02	1.40E-01	-2.61E-01	-1.39E-01	3.64E-01	4.33E-01	-2.15E-01	-26.78	-8.35E-02	2.61E-01
	-148.00	4.93E-06	-3.77E-06	1.30E-06	-1.18E-05	-6.30E-06	1.66E-05	7.97E-06	-6.76E-06			
68	837.00	7.22E-02	-6.75E-02	5.68E-02	-2.84E-01	-4.39E-02	4.15E-01	2.95E-01	-2.90E-01	-38.09	7.22E-02	-2.84E-01
	-68.00	2.10E-06	-3.27E-06	1.51E-06	-2.18E-05	-3.38E-06	3.19E-05	1.07E-05	-1.18E-05			
69	937.00	2.07E-01	-7.89E-03	1.36E-01	-1.69E-01	-5.99E-02	1.98E-01	3.00E-01	-1.00E-01	-28.71	-7.89E-03	1.69E-01
	-88.00	4.29E-06	-3.99E-06	1.55E-06	-1.30E-05	-4.61E-06	1.52E-05	7.84E-06	-7.54E-06			
70	1037.00	-1.11E-01	-3.01E-01	-1.14E-01	-2.83E-01	-7.87E-03	4.45E-01	9.25E-02	-5.04E-01	-35.71	-4.70E-01	1.39E-01
	-68.00	1.51E-06	-5.80E-06	1.40E-06	-2.18E-05	-6.06E-07	3.42E-05	9.33E-06	-1.36E-05			
71	862.00	1.19E-01	-6.18E-03	1.10E-01	-1.21E-01	-4.75E-02	1.85E-01	1.92E-01	-7.93E-02	-31.25	1.19E-01	-1.21E-01
	-18.00	2.14E-06	-2.69E-06	1.78E-06	-9.27E-06	-3.66E-06	1.42E-05	4.95E-06	-5.50E-06			
72	1012.00	1.02E-02	-8.15E-02	3.13E-02	-1.51E-01	-1.33E-02	1.77E-01	1.22E-01	-1.94E-01	-36.56	1.02E-02	-1.51E-01
	-18.00	8.34E-07	-2.70E-06	1.64E-06	-1.16E-05	-1.02E-06	1.36E-05	5.15E-06	-7.01E-06			
73	1387.00	-1.93E-02	-2.50E-02	-1.15E-02	-1.43E-01	-4.01E-03	2.13E-01	1.21E-01	-1.65E-01	-44.43	-1.93E-02	-1.43E-01
	-303.00	-1.54E-07	-4.13E-07	2.04E-07	-1.30E-05	-3.65E-07	1.93E-05	6.21E-06	-6.78E-06			
74	1387.00	1.03E-02	2.02E-03	2.23E-02	-1.56E-01	-1.67E-02	2.09E-01	1.62E-01	-1.49E-01	-44.20	1.08E-02	-1.56E-01
	-213.00	3.43E-08	-3.63E-07	5.57E-07	-1.41E-05	-1.52E-06	1.80E-05	6.91E-06	-7.24E-06			
75	1387.00	3.41E-02	-2.49E-04	5.20E-02	-1.16E-01	-5.14E-02	1.49E-01	1.34E-01	-1.00E-01	-40.78	3.41E-02	-1.16E-01
	-138.00	3.25E-07	-4.56E-07	7.31E-07	-5.27E-06	-2.33E-06	6.76E-06	2.60E-06	-2.73E-06			
76	1187.00	1.01E-01	6.79E-02	1.12E-01	-1.76E-01	-7.14E-02	1.92E-01	2.61E-01	-9.23E-02	-42.29	1.01E-01	-1.76E-01
	-68.00	8.04E-07	-4.80E-07	1.22E-06	-1.35E-05	-5.49E-06	1.48E-05	6.96E-06	-6.64E-06			
77	1387.00	5.95E-02	9.98E-03	4.48E-02	-8.55E-02	-5.68E-02	1.32E-01	1.24E-01	-5.43E-02	-36.92	9.98E-03	8.55E-02
	-88.00	1.03E-06	-8.72E-07	4.67E-07	-6.58E-06	-4.37E-06	1.01E-05	3.50E-06	-3.34E-06			
78	1587.00	3.28E-02	3.72E-03	2.95E-02	-1.18E-01	-2.12E-02	1.04E-01	1.37E-01	-1.01E-01	-41.50	-4.06E-02	1.04E-01
	-68.00	5.36E-07	-5.82E-07	4.08E-07	-9.09E-06	-1.63E-06	8.02E-06	4.56E-06	-4.60E-06			
79	1237.00	1.01E-01	1.29E-02	8.32E-02	-1.05E-01	-7.84E-02	1.21E-01	1.71E-01	-5.73E-02	-33.66	1.01E-01	-1.05E-01
	-18.00	1.72E-06	-1.67E-06	1.03E-06	-8.11E-06	-6.03E-06	9.30E-06	4.42E-06	-4.37E-06			
80	1433.80	5.94E-02	-1.48E-02	3.71E-02	-1.36E-01	-5.36E-02	1.06E-01	1.63E-01	-1.19E-01	-37.37	5.94E-02	-1.36E-01
	-8.00	1.30E-06	-1.47E-06	5.31E-07	-1.03E-05	-4.12E-06	8.12E-06	5.38E-06	-5.46E-06			
81	1533.80	9.78E-02	1.51E-02	5.83E-02	-6.95E-02	-4.49E-02	5.64E-02	1.37E-01	-2.44E-02	-29.62	1.51E-02	6.95E-02
	-28.00	1.84E-06	-1.30E-06	3.62E-07	-5.34E-06	-3.46E-06	4.33E-06	3.40E-06	-2.82E-06			
82	1633.80	1.12E-01	4.11E-02	7.36E-02	-2.74E-02	-2.46E-02	1.82E-02	1.21E-01	3.17E-02	-18.87	3.18E-02	-2.71E-03
	-8.00	1.82E-06	-9.11E-07	3.40E-07	-2.11E-05	-1.83E-06	1.40E-06	2.18E-06	-1.27E-06			
83	1433.80	3.88E-01	1.47E-01	2.27E-01	-7.78E-02	-1.69E-01	7.28E-02	4.11E-01	1.24E-01	-16.42	1.47E-01	7.78E-02
	27.60	6.56E-06	-2.72E-06	3.53E-07	-5.99E-06	-1.30E-05	5.60E-06	7.44E-06	-3.60E-06			
84	1296.10	1.44E-01	2.01E-03	8.74E-02	-9.74E-02	-8.63E-02	8.20E-02	1.94E-01	-4.75E-02	-26.96	6.46E-02	1.20E-01
	40.70	2.98E-06	-2.49E-06	7.95E-07	-7.50E-06	-6.64E-06	6.30E-06	4.88E-06	-4.39E-06			
85	1148.60	8.50E-02	-2.01E-02	8.12E-02	-1.42E-01	-9.76E-02	7.04E-02	1.84E-01	-1.19E-01	-34.87	-9.06E-02	-8.90E-02
	57.33	1.66E-06	-2.38E-06	1.52E-06	-1.10E-05	-7.51E-06	5.42E-06	5.48E-06	-6.20E-06			
86	1131.40	4.74E-01	2.61E-01	3.21E-01	-1.46E-02	-2.53E-01	3.23E-02	4.75E-01	2.60E-01	-3.90	2.61E-01	1.46E-02
	112.00	4.63E-06	-1.56E-06	7.30E-07	-1.12E-06	-1.94E-05	2.49E-06	6.67E-06	-1.60E-06			
87	1015.80	1.15E-01	-9.19E-02	7.14E-02	-1.22E-01	-7.91E-02	2.53E-01	1.72E-01	-1.49E-01	-24.89	-9.19E-02	1.22E-01
	34.67	3.39E-06	-4.57E-06	1.71E-06	-9.41E-06	-6.09E-06	1.94E-05	5.57E-06	-6.76E-06			
88	886.60	9.15E-02	-3.87E-02	9.31E-02	-9.73E-02	-3.75E-02	1.50E-01	1.43E-01	-9.06E-02	-28.11	9.15E-02	-9.73E-02
	46.00	1.92E-06	-3.03E-06	1.98E-06	-7.48E-06	-2.88E-06	1.22E-05	3.91E-06	-5.09E-06			
89	869.90	4.60E-01	2.21E-01	3.50E-01	-2.84E-02	-5.51E-02	1.27E-01	4.64E-01	2.16E-01	-6.70	2.21E-01	2.84E-02

3704

	84.00	6.24E-06	-2.63E-06	2.26E-06	-2.19E-05	-4.55E-06	9.76E-06	6.39E-06	-3.06E-06				
90	952.60	7.04E-02	-2.27E-01	1.45E-02	-1.92E-01	-4.13E-02	1.29E-01	3.65E-01	-3.21E-01	-26.13	-2.88E-01	1.23E-01	
	128.00	4.25E-06	-7.20E-06	2.13E-06	-1.45E-05	-5.00E-06	9.96E-06	7.86E-06	-1.06E-05				
91	860.50	1.28E-01	-2.44E-03	1.27E-01	-7.77E-02	-5.26E-02	6.71E-02	1.64E-01	-3.86E-02	-24.98	1.28E-01	-7.77E-02	
	160.00	2.15E-06	-3.57E-06	2.11E-06	-5.97E-05	-4.05E-06	5.16E-06	3.54E-06	-4.26E-06				
92	860.80	5.10E-01	1.64E-01	3.45E-01	1.16E-02	-1.13E-01	4.32E-02	5.11E-01	1.63E-01	1.92	1.64E-01	-1.16E-02	
	203.60	8.42E-06	-4.01E-06	2.09E-06	8.92E-07	-8.69E-06	3.32E-06	8.44E-06	-4.52E-06				
93	598.67	6.50E-02	-8.44E-02	7.69E-02	-2.01E-01	-4.32E-02	2.54E-01	2.07E-01	-2.24E-01	-34.64	-8.44E-02	2.01E-01	
	14.00	1.95E-06	-3.91E-06	2.25E-06	-1.55E-05	-3.32E-06	1.96E-05	7.30E-06	-9.26E-06				
94	645.75	8.66E-02	-3.21E-02	9.91E-02	-1.23E-01	-3.47E-02	1.39E-01	1.54E-01	-1.10E-01	-32.02	8.66E-02	-1.23E-01	
	24.00	1.65E-06	-2.55E-06	2.13E-06	-9.46E-06	-2.67E-06	1.07E-05	4.61E-06	-5.91E-06				
95	613.10	1.33E-01	1.04E-01	1.66E-01	-1.76E-01	-1.69E-03	1.63E-01	2.97E-01	-6.03E-02	-42.61	1.33E-01	-1.78E-01	
	69.33	6.99E-07	-4.48E-07	1.96E-06	-1.37E-05	-1.30E-07	1.29E-05	7.00E-06	-6.75E-06				
96	708.45	1.47E-01	-1.39E-02	1.28E-01	-9.48E-02	-3.03E-02	1.33E-01	1.91E-01	-5.78E-02	-24.65	5.55E-02	1.24E-01	
	58.00	2.78E-06	-3.40E-06	2.05E-06	-7.30E-06	-2.37E-06	1.02E-05	4.47E-06	-5.09E-06				
97	613.10	4.42E-01	2.44E-01	3.54E-01	-3.04E-02	2.24E-02	6.82E-02	4.47E-01	2.40E-01	-8.53	2.44E-01	3.04E-02	
	96.00	5.58E-06	-2.03E-06	2.17E-06	-2.34E-06	1.73E-06	5.25E-06	5.75E-06	-2.21E-06				
98	682.27	1.19E-01	-3.53E-02	1.04E-01	-1.11E-01	1.78E-03	1.77E-01	1.77E-01	-9.32E-02	-27.60	-9.28E-02	1.00E-02	
	112.00	2.50E-06	-3.42E-06	1.95E-06	-8.52E-06	1.37E-07	1.37E-05	4.73E-06	-5.65E-06				
99	751.43	2.75E-01	-2.73E-01	8.24E-02	-1.70E-01	-8.77E-02	2.57E-01	3.23E-01	-3.21E-01	-15.91	-2.73E-01	1.70E-01	
	96.00	9.64E-06	-1.14E-05	2.24E-06	-1.31E-05	-6.75E-06	1.97E-05	1.15E-05	-1.33E-05				
100	683.25	1.32E-01	5.46E-04	1.24E-01	-4.89E-02	4.85E-03	7.21E-02	1.48E-01	-1.57E-02	-18.34	1.32E-01	-4.89E-02	
	152.00	2.26E-06	-2.79E-06	1.94E-06	-3.76E-06	3.73E-07	5.54E-06	2.89E-06	-3.42E-06				
101	648.67	5.78E-01	3.16E-01	4.57E-01	-2.02E-02	5.13E-02	7.81E-02	5.80E-01	3.15E-01	-4.39	3.16E-01	2.02E-02	
	192.00	7.39E-06	-2.68E-06	2.71E-06	-1.56E-06	3.94E-06	6.01E-06	7.45E-06	-2.74E-06				
102	725.25	7.70E-02	-5.24E-02	7.30E-02	-7.37E-02	1.54E-02	2.83E-02	1.11E-01	-8.56E-02	-24.25	-3.68E-03	9.69E-02	
	232.70	1.90E-06	-3.11E-06	1.75E-06	-5.67E-06	1.18E-06	2.17E-06	3.18E-06	-4.38E-06				
103	635.50	6.01E-02	1.79E-02	7.34E-02	-4.00E-03	1.28E-02	8.15E-02	6.05E-02	1.75E-02	-5.37	6.01E-02	-4.00E-03	
	256.00	6.47E-07	-9.75E-07	1.16E-06	-3.08E-07	9.83E-07	6.27E-06	6.61E-07	-9.89E-07				
104	635.50	2.07E-01	1.32E-01	1.99E-01	9.87E-03	7.37E-02	-5.61E-03	2.09E-01	1.31E-01	7.39	1.32E-01	-9.87E-03	
	290.67	2.05E-06	-8.25E-07	1.73E-06	7.59E-07	5.67E-06	-4.31E-07	2.10E-06	-8.75E-07				
105	560.00	4.74E-02	-9.65E-02	6.91E-02	-2.37E-01	-7.06E-02	2.19E-01	2.23E-01	-2.72E-01	-36.54	4.76E-02	-2.37E-01	
	16.50	1.62E-06	-3.92E-06	2.41E-06	-1.82E-05	-5.43E-06	1.69E-05	8.37E-06	-1.07E-05				
106	508.50	7.65E-02	3.22E-02	1.44E-01	-7.15E-02	-1.06E-01	7.96E-02	1.25E-01	-2.05E-02	-36.39	3.22E-02	7.15E-02	
	13.00	1.62E-07	-1.54E-06	2.77E-06	-5.50E-06	-8.16E-06	6.12E-06	2.19E-06	-3.57E-06				
107	521.00	-3.30E-02	-9.89E-02	4.96E-02	-1.84E-01	-5.43E-02	1.30E-01	1.21E-01	-2.53E-01	-39.93	-3.30E-02	-1.84E-01	
	15.75	-3.54E-07	-2.89E-06	2.79E-06	-1.41E-05	-4.16E-06	1.00E-05	5.56E-06	-8.81E-06				
108	526.25	-2.50E-02	-8.43E-02	5.31E-02	-2.08E-01	-4.57E-02	1.34E-01	1.56E-01	-2.65E-01	-40.95	-2.50E-02	-2.08E-01	
	21.00	-3.44E-07	-2.63E-06	2.66E-06	-1.60E-05	-3.52E-06	1.03E-05	6.62E-06	-9.58E-06				
109	515.50	8.98E-02	4.04E-02	1.46E-01	-2.15E-01	-5.87E-02	8.09E-02	2.82E-01	-1.51E-01	-41.73	4.04E-02	2.15E-01	
	26.00	4.23E-07	-1.48E-06	2.57E-06	-1.66E-05	-4.52E-06	6.22E-06	7.80E-06	-8.86E-06				
110	531.50	2.36E-02	-5.43E-02	7.34E-02	-1.76E-01	-3.27E-02	1.12E-01	1.64E-01	-1.96E-01	-38.91	2.16E-02	-1.76E-01	
	34.50	3.82E-07	-2.54E-06	2.38E-06	-1.35E-05	-2.52E-06	8.58E-06	5.85E-06	-8.06E-06				
111	515.50	2.24E-01	2.46E-01	2.74E-01	-4.35E-01	-2.24E-02	1.87E-01	6.71E-01	-2.00E-01	-45.70	2.24E-01	-4.35E-01	
	44.00	4.50E-07	1.27E-06	2.37E-06	-3.35E-05	-1.72E-06	1.44E-05	1.76E-05	-1.59E-05				
112	515.50	2.99E-01	1.82E-01	2.77E-01	-1.09E-01	-1.05E-02	6.42E-02	3.64E-01	1.17E-01	-30.89	1.82E-01	1.09E-01	
	53.33	3.17E-06	-1.34E-06	2.34E-06	-8.39E-06	-8.04E-07	4.94E-06	5.68E-06	-3.85E-06				
113	547.50	6.44E-02	-1.81E-01	3.34E-02	-2.19E-01	-2.41E-02	6.46E-02	1.93E-01	-3.09E-01	-30.32	-2.46E-01	1.67E-01	
	64.00	3.40E-06	-6.06E-06	2.20E-06	-1.68E-05	-1.86E-06	4.97E-06	8.32E-06	-1.10E-05				
114	515.50	2.13E-01	1.61E-01	2.18E-01	-1.72E-01	-1.81E-02	1.44E-01	3.61E-01	1.30E-02	-40.70	2.13E-01	-1.72E-01	
	74.67	1.69E-06	-3.10E-07	1.97E-06	-1.32E-05	-1.39E-06	1.11E-05	7.38E-06	-6.00E-06				
115	515.50	5.81E-01	3.58E-01	4.51E-01	-7.00E-02	-1.48E-02	5.81E-02	6.01E-01	3.36E-01	-16.09	3.58E-01	7.00E-02	
	88.00	7.06E-06	-1.50E-06	2.08E-06	-5.39E-06	-1.14E-06	4.47E-06	7.83E-06	-2.28E-06				
116	547.50	2.06E-01	-1.00E-01	1.14E-01	-2.64E-01	-2.58E-02	1.19E-01	2.58E-01	-2.52E-01	-29.95	-2.06E-01	1.61E-01	
	104.00	5.51E-06	-6.27E-06	1.96E-06	-2.03E-05	-1.98E-06	9.12E-06	1.14E-05	-1.21E-05				
117	515.50	7.95E-02	-1.06E-02	7.86E-02	-1.41E-01	-3.50E-04	1.53E-01	1.83E-01	-1.14E-01	-36.16	7.95E-02	-1.41E-01	
	120.00	1.44E-06	-2.03E-06	1.40E-06	-1.09E-05	-2.69E-08	1.18E-05	5.41E-06	-6.00E-06				
118	515.50	4.73E-01	2.19E-01	3.67E-01	-5.71E-02	2.74E-02	5.04E-02	4.89E-01	2.72E-01	-15.92	2.89E-01	5.71E-02	
	136.00	5.78E-06	-1.30E-06	1.72E-06	-4.40E-06	2.11E-06	3.87E-06	6.41E-06	-1.93E-06				
119	547.50	1.90E-01	-5.59E-02	1.06E-01	-1.70E-01	-2.43E-05	7.52E-02	2.69E-01	-1.45E-01	-27.67	-1.22E-01	9.49E-02	
	152.00	4.36E-06	-4.70E-06	1.62E-06	-1.31E-05	-1.87E-09	5.78E-06	7.79E-06	-8.13E-06				
120	51[illegible]	7.02E-02	-2.15E-02	5.30E-02	-7.72E-02	1.83E-02	[illegible]8E-01	1.16E-01	-7.43E-02	-26.70	7.92E-02	-7.72E[illegible]	
	168.[illegible]	[illegible].98E-06	-2.43E-06	9.76E-07	-5.94E-06	1.41E-06	[illegible]5E-05	3.48E-06	-3.92E-06				
121	51[illegible]	5.79E-01	3.63E-01	4.34E-01	-5.17E-02	7.19E-02	[illegible]0E-02	5.89E-01	3.51E-01	-12.85	3.63E-01	5.1[illegible]	

133	-.60[illegible]80E-02	-.76[illegible]91E-03	.60679E-02	-.31453E-05
134	-.60[illegible]73E-02	-.[illegible]21[illegible]E-03	.60492E-02	-.31[illegible]59E-05
135	-.60[illegible]54E-02	-.4[illegible]E-03	.60337E-02	-.32[illegible]63E-05
136	-.60277E-02	-.32[illegible]E-03	.60226E-02	-.32708E-05
137	-.60176E-02	-.17221E-03	.60160E-02	-.33223E-05
138	-.60108E-02	-.25190E-04	.60109E-02	-.32249E-05
139	-.60[illegible]E-02	-.22[illegible]51E-05	.60108E-02	-.32610E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (16 SEC E .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2000E+00

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.26E-03	-1.32E-02	2.73E-03	-2.32E-01	-3.35E-03	2.30E-01	2.22E-01	-2.42E-01	-44.63	-7.26E-03	-2.32E-01
	-303.00	-9.92E-08	-3.71E-07	3.55E-07	-2.11E-05	-3.05E-07	2.18E-05	1.03E-05	-1.08E-05			
2	72.00	-5.75E-03	-1.64E-02	1.33E-02	-1.89E-01	-1.73E-03	1.94E-01	1.78E-01	-2.01E-01	-44.19	-5.75E-03	-1.89E-01
	-213.00	-1.46E-07	-6.31E-07	7.19E-07	-1.72E-05	-1.57E-07	1.77E-05	8.22E-06	-9.00E-06			
3	72.00	-1.88E-02	-2.14E-02	2.89E-02	-1.20E-01	1.79E-02	1.36E-01	9.95E-02	-1.40E-01	-44.69	-1.88E-02	-1.20E-01
	-138.00	-3.69E-07	-4.28E-07	7.17E-07	-5.44E-06	8.12E-07	6.16E-06	2.32E-06	-3.12E-06			
4	24.00	-2.56E-01	-2.00E-01	-2.57E-01	-2.26E-01	6.81E-02	2.68E-01	-5.21E-04	-4.55E-01	-48.49	-2.56E-01	-2.26E-01
	-68.00	-2.00E-06	1.33E-07	-2.06E-06	-1.74E-05	5.24E-06	2.06E-05	7.82E-06	-9.66E-06			
5	72.00	1.25E-01	8.64E-02	1.61E-01	-1.13E-01	5.41E-03	1.04E-01	2.19E-01	-8.00E-03	-40.14	8.64E-02	1.12E-01
	-88.00	7.12E-07	-7.64E-07	2.10E-06	-8.61E-06	4.17E-07	8.02E-06	4.34E-06	-4.39E-06			
6	120.00	7.75E-02	8.73E-02	1.12E-01	-1.79E-01	-1.15E-02	1.76E-01	2.61E-01	-9.65E-02	-45.78	-9.27E-02	3.71E-02
	-68.00	-5.66E-08	3.19E-07	1.26E-06	-1.38E-05	-8.65E-07	1.35E-05	7.01E-06	-6.75E-06			
7	36.25	-3.91E-02	-7.31E-03	1.11E-02	-1.22E-01	1.46E-02	1.12E-01	1.06E-01	-1.46E-01	-48.71	-3.49E-02	-1.23E-01
	-19.00	-1.12E-06	1.07E-07	8.15E-07	-9.39E-05	1.12E-06	8.63E-06	4.23E-06	-5.24E-06			
8	108.00	9.24E-03	2.75E-03	3.60E-02	-7.52E-02	3.26E-03	9.47E-02	8.13E-02	-6.93E-02	-43.76	9.24E-03	-7.52E-02
	-19.00	-1.72E-07	-4.22E-07	8.58E-07	-5.79E-06	2.51E-07	7.28E-06	2.60E-06	-3.19E-06			
9	216.00	-2.75E-02	-4.78E-02	-2.09E-02	-2.34E-01	3.24E-03	2.50E-01	1.97E-01	-2.72E-01	-43.76	-2.75E-02	-2.34E-01
	-303.00	-6.16E-10	-9.24E-07	3.00E-07	-2.13E-05	2.95E-07	2.27E-05	1.02E-05	-1.11E-05			
10	216.00	-2.63E-02	-5.07E-02	-2.54E-03	-1.94E-01	9.47E-03	2.11E-01	1.56E-01	-2.33E-01	-43.20	-2.63E-02	-1.94E-01
	-213.00	-1.62E-07	-1.27E-06	9.17E-07	-1.76E-05	8.61E-07	1.91E-05	8.12E-06	-9.56E-06			
11	216.00	-1.30E-02	-4.36E-02	6.13E-02	-1.42E-01	2.59E-02	1.64E-01	1.15E-01	-1.72E-01	-41.94	-1.30E-02	-1.42E-01
	-138.00	-3.20E-07	-1.02E-06	1.37E-06	-6.48E-06	1.18E-06	7.44E-06	2.59E-06	-3.92E-06			
12	168.00	-1.16E-01	-1.97E-01	-8.85E-02	-2.37E-01	4.78E-02	2.48E-01	8.82E-02	-3.91E-01	-40.79	-1.16E-01	-2.37E-01
	-68.00	-1.74E-07	-2.87E-06	8.98E-07	-1.82E-05	3.68E-06	1.91E-05	7.69E-06	-1.07E-05			
13	216.00	1.40E-01	7.52E-02	1.70E-01	-1.10E-01	2.41E-02	8.15E-02	2.22E-01	-6.55E-03	-36.72	7.52E-02	1.10E-01
	-88.00	1.16E-06	-1.35E-06	2.31E-06	-3.43E-06	1.85E-06	6.27E-06	4.30E-06	-4.49E-06			
14	264.00	5.35E-02	5.68E-02	1.25E-01	-1.78E-01	-4.80E-03	1.86E-01	2.49E-01	-1.09E-01	-47.68	-1.02E-01	4.85E-02
	-68.00	-8.56E-07	4.26E-07	1.89E-06	-1.37E-05	-3.70E-07	1.43E-05	6.66E-06	-7.09E-06			
15	180.00	1.23E-02	3.78E-03	5.71E-02	-1.15E-01	3.11E-02	9.21E-02	1.23E-01	-1.07E-01	-43.94	1.23E-02	-1.15E-01
	-19.00	-3.32E-07	-6.59E-07	1.39E-06	-8.86E-05	2.39E-06	7.09E-06	3.94E-06	-4.93E-06			
16	252.00	-9.67E-03	-1.25E-02	5.67E-02	-7.29E-02	1.36E-02	9.88E-02	6.23E-02	-8.35E-02	-44.26	-8.67E-03	-7.29E-02
	-19.00	-7.24E-07	-8.70E-07	1.79E-06	-5.61E-06	1.04E-06	7.60E-06	2.01E-06	-3.60E-06			
17	361.00	-4.30E-02	-8.94E-02	-3.79E-02	-2.32E-01	2.28E-03	2.74E-01	1.57E-01	-2.99E-01	-42.15	-4.30E-02	-2.32E-01
	-303.00	2.55E-07	-1.85E-06	4.91E-07	-2.11E-05	2.07E-07	2.49E-05	9.79E-06	-1.14E-05			
18	361.00	-2.94E-02	-9.05E-02	-5.27E-03	-2.07E-01	8.71E-03	2.36E-01	1.49E-01	-2.68E-01	-40.73	-2.84E-02	-2.07E-01
	-213.00	3.20E-07	-2.50E-06	1.37E-06	-1.88E-05	7.92E-07	2.15E-05	8.40E-06	-1.06E-05			
19	361.00	-7.08E-03	-7.57E-02	8.23E-02	-1.76E-01	2.96E-02	1.93E-01	1.38E-01	-2.21E-01	-39.50	-7.08E-03	-1.76E-01
	-138.00	-1.61E-07	-1.72E-06	1.88E-06	-8.02E-06	1.34E-06	8.76E-06	3.14E-06	-5.03E-06			
20	312.00	-2.00E-01	-2.78E-01	-1.33E-01	-2.88E-01	7.76E-02	3.25E-01	5.17E-02	-5.30E-01	-41.15	-2.00E-01	-2.88E-01
	-68.00	-9.78E-07	-3.88E-06	1.60E-06	-2.22E-05	5.97E-06	2.50E-05	8.70E-06	-1.37E-05			
21	360.67	2.18E-01	1.74E-01	2.52E-01	-1.50E-01	2.82E-02	1.31E-01	3.56E-01	3.61E-02	-40.96	1.74E-01	1.58E-01
	-88.00	1.32E-06	-4.04E-07	2.62E-06	-1.22E-05	2.17E-06	1.01E-05	6.61E-06	-5.69E-06			
22	405.33	-1.42E-01	-3.09E-01	-5.65E-02	-2.58E-01	7.73E-03	3.27E-01	8.46E-02	-4.36E-01	-41.31	-4.35E-01	2.07E-02
	-68.00	-9.91E-07	-3.56E-06	2.31E-06	-1.99E-05	5.95E-07	2.51E-05	7.74E-06	-1.23E-05			
23	324.00	1.33E-03	2.65E-03	9.33E-02	-1.30E-01	5.49E-02	1.03E-01	1.32E-01	-1.28E-01	-45.15	1.33E-03	-1.30E-01
	-19.00	-9.08E-07	-8.57E-07	2.24E-06	-9.99E-06	4.23E-06	7.96E-06	4.11E-06	-5.88E-06			
24	372.00	-2.26E-02	-2.57E-02	7.35E-02	-2.70E-01	5.33E-02	2.73E-01	2.46E-01	-2.95E-01	-44.83	-2.26E-02	-2.70E-01
	-9.33	-1.15E-06	-1.27E-06	2.55E-06	-2.08E-05	4.10E-06	2.10E-05	9.15E-06	-1.16E-05			
25	401.25	9.99E-03	1.65E-02	1.05E-01	-9.19E-02	2.25E-02	1.26E-01	1.05E-01	-7.67E-02	-46.01	9.42E-02	-4.37E-02

3704

	-10.00	-1.11E-06	-9.60E-07	2.72E-06	-7.07E-06	1.73E-06	9.58E-06	2.55E-06	-4.52E-06				
26	427.67	-2.47E-01	-3.54E-01	-1.4[illegible]E-01	-3.10E-01	7.01E-02	3.94E-01	1.27E-02	-6.16E-01	-40.04	-4.41E-01	-2.82E-01	
	-9.33	-1.26E-06	-4.42E-06	2.55E-06	-2.38E-05	5.40E-06	3.05E-05	8.75E-06	-1.54E-05				
27	457.00	-5.25E-02	-1.26E-01	-5.31E-02	-2.25E-01	-8.53E-04	2.85E-01	1.35E-01	-3.16E-01	-40.36	-5.25E-02	-2.25E-01	
	-303.00	6.23E-07	-2.73E-06	5.94E-07	-2.05E-05	-7.75E-08	2.63E-05	9.33E-06	-1.14E-05				
28	457.00	-2.19E-02	-1.25E-01	-3.06E-03	-2.17E-01	8.06E-03	2.58E-01	1.50E-01	-2.97E-01	-38.32	-2.18E-02	-2.17E-01	
	-213.00	1.02E-06	-3.67E-06	1.64E-06	-1.98E-05	5.51E-07	2.34E-05	8.93E-06	-1.15E-05				
29	457.00	2.85E-02	-6.87E-02	1.09E-01	-2.03E-01	9.54E-03	1.97E-01	1.93E-01	-2.33E-01	-39.42	2.85E-02	-2.08E-01	
	-138.00	2.87E-07	-1.93E-06	2.12E-06	-9.44E-06	3.68E-07	8.97E-06	4.03E-06	-5.67E-06				
30	442.00	-2.05E-01	-4.68E-01	-1.91E-01	-2.64E-01	8.52E-03	3.86E-01	5.03E-02	-7.23E-01	-35.08	-2.05E-01	-3.64E-01	
	-68.00	1.60E-06	-8.49E-06	2.14E-06	-2.80E-05	6.55E-07	2.97E-05	1.14E-05	-1.83E-05				
31	457.33	3.94E-01	5.36E-02	2.56E-01	-1.02E-01	-1.36E-01	1.96E-01	4.13E-01	2.46E-02	-15.87	5.36E-02	1.02E-01	
	-88.00	7.15E-06	-5.56E-06	2.21E-06	-7.86E-06	-1.05E-05	1.51E-05	8.27E-06	-6.67E-06				
32	472.67	-8.50E-01	-1.05E+00	-6.83E-01	-2.85E-01	9.45E-02	4.57E-01	-6.48E-01	-1.25E+00	-35.24	-1.06E+00	-2.83E-01	
	-68.00	-4.28E-06	-1.21E-05	2.14E-06	-2.20E-05	7.27E-06	3.51E-05	3.48E-06	-1.98E-05				
33	442.00	-5.80E-02	-1.01E-01	4.36E-02	-2.12E-01	3.27E-02	1.74E-01	1.39E-01	-2.88E-01	-41.44	-4.80E-02	-2.12E-01	
	-10.50	-6.98E-07	-2.73E-06	2.84E-06	-1.63E-05	2.52E-06	1.34E-05	6.51E-06	-9.93E-06				
34	454.00	-7.42E-01	-7.63E-01	-5.06E-01	-4.58E-01	1.23E-01	5.11E-01	-2.94E-01	-1.21E+00	-44.35	-9.31E-01	-4.22E-01	
	-11.33	-6.44E-06	-7.24E-06	2.63E-06	-3.53E-05	9.48E-06	3.93E-05	1.08E-05	-2.45E-05				
35	461.67	-4.95E-01	-7.57E-01	-4.07E-01	-4.26E-01	3.70E-02	5.42E-01	-1.81E-01	-1.07E+00	-36.44	-4.95E-01	-4.26E-01	
	-12.00	-8.13E-07	-1.09E-05	2.59E-06	-3.27E-05	2.84E-06	4.17E-05	1.13E-05	-2.30E-05				
36	469.00	4.52E-01	8.23E-02	3.15E-01	-3.58E-02	-1.15E-01	2.25E-01	4.55E-01	7.89E-02	-5.48	8.23E-02	3.58E-02	
	-30.00	8.04E-06	-8.16E-06	2.79E-06	-2.75E-06	-9.81E-06	1.73E-05	8.17E-06	-6.29E-06				
37	476.33	-6.42E-01	-9.70E-01	-5.48E-01	-3.16E-01	3.88E-02	4.52E-01	-4.53E-01	-1.17E+00	-30.96	-7.79E-01	-3.56E-01	
	-12.00	-8.56E-07	-1.38E-05	2.75E-06	-2.43E-05	2.99E-06	3.48E-05	6.43E-06	-2.11E-05				
38	558.50	-2.09E-02	-9.50E-02	-2.64E-02	-1.96E-01	-8.25E-03	2.90E-01	1.41E-01	-2.57E-01	-39.64	-2.09E-02	-1.96E-01	
	-303.00	8.98E-07	-2.47E-06	6.48E-07	-1.78E-05	-7.50E-07	2.63E-05	8.26E-06	-9.84E-06				
39	558.50	-1.00E-02	-1.42E-01	-7.38E-03	-1.98E-01	-1.66E-02	2.71E-01	1.33E-01	-2.85E-01	-35.77	-1.00E-02	-1.98E-01	
	-213.00	1.62E-06	-4.39E-06	1.74E-06	-1.90E-05	-1.51E-06	2.46E-05	8.10E-06	-1.09E-05				
40	506.17	5.09E-02	-3.81E-01	1.97E-02	-4.55E-01	3.03E-03	5.49E-01	3.39E-01	-6.69E-01	-32.31	5.08E-02	-4.55E-01	
	-128.00	2.78E-06	-7.03E-06	2.08E-06	-2.07E-05	1.38E-07	2.50E-05	9.33E-06	-1.36E-05				
41	558.50	3.20E-01	-2.16E-01	1.72E-01	-2.09E-01	-9.37E-02	2.92E-01	3.92E-01	-2.89E-01	-19.01	-2.16E-01	2.09E-01	
	-148.00	5.92E-06	-6.36E-06	2.47E-06	-9.52E-06	-4.26E-06	1.33E-05	7.46E-06	-8.00E-06				
42	610.83	-6.07E-02	-3.57E-01	2.05E-02	-3.60E-01	-9.80E-02	4.31E-01	2.19E-01	-5.82E-01	-32.02	-5.75E-01	-7.46E-02	
	-128.00	1.66E-06	-6.31E-06	2.26E-06	-1.64E-05	-4.46E-06	1.96E-05	6.77E-06	-1.14E-05				
43	501.38	1.26E-01	-4.47E-02	1.23E-01	-1.14E-01	-2.59E-02	1.66E-01	1.83E-01	-1.02E-01	-26.68	1.26E-01	-1.14E-01	
	-78.00	2.58E-06	-3.56E-06	2.50E-06	-8.80E-06	-1.99E-06	1.28E-05	4.79E-06	-6.18E-06				
44	534.67	-1.10E-01	-2.53E-01	-8.96E-02	-3.68E-01	-2.01E-02	4.06E-01	1.56E-01	-6.15E-01	-35.91	-6.15E-01	-5.52E-02	
	-68.00	1.82E-06	-7.49E-06	2.63E-06	-2.93E-05	-1.55E-06	3.12E-05	1.21E-05	-1.77E-05				
45	584.67	4.64E-02	-1.43E-01	6.89E-02	-2.68E-01	-7.62E-02	3.62E-01	2.36E-01	-3.32E-01	-35.28	4.64E-02	-2.68E-01	
	-68.00	2.31E-06	-4.97E-06	2.40E-06	-2.06E-05	-5.86E-06	2.79E-05	9.61E-06	-1.23E-05				
46	610.83	3.64E-01	-1.14E-01	1.81E-01	-1.37E-01	-1.72E-01	2.77E-01	4.00E-01	-1.50E-01	-14.93	-1.14E-01	1.37E-01	
	-88.00	9.25E-06	-9.11E-06	2.23E-06	-1.05E-05	-1.32E-05	2.13E-05	1.07E-05	-1.05E-05				
47	482.63	-3.12E-02	-1.79E-01	2.41E-02	-9.42E-02	-3.40E-02	1.83E-01	1.49E-02	-2.24E-01	-26.07	-3.12E-02	-9.42E-02	
	-21.00	8.31E-07	-4.81E-06	2.96E-06	-7.25E-06	-2.61E-06	1.40E-05	2.60E-06	-6.58E-06				
48	485.83	-6.21E-01	-9.75E-01	-5.41E-01	-2.61E-01	-6.96E-03	5.04E-01	-4.82E-01	-1.11E+00	-27.93	-6.56E-01	-2.82E-01	
	-12.00	-3.90E-07	-1.40E-05	2.67E-06	-2.01E-05	-5.36E-07	3.87E-05	4.94E-06	-1.94E-05				
49	507.88	3.40E-02	-9.68E-02	9.16E-02	-9.69E-02	-1.91E-02	1.93E-01	8.55E-02	-1.48E-01	-27.99	3.40E-02	-9.69E-02	
	-21.00	1.10E-06	-3.93E-06	2.93E-06	-7.46E-06	-1.47E-06	1.48E-05	3.08E-06	-5.91E-06				
50	538.67	-7.00E-02	-3.26E-01	-5.66E-02	-3.30E-01	-1.03E-01	3.57E-01	1.56E-01	-5.52E-01	-34.40	-5.38E-01	-9.55E-02	
	-10.00	2.28E-06	-7.56E-06	2.79E-06	-2.54E-05	-7.52E-06	2.75E-05	1.10E-05	-1.62E-05				
51	484.67	6.62E-01	4.44E-01	5.60E-01	3.24E-02	-1.09E-02	6.37E-02	6.67E-01	4.40E-01	8.29	4.44E-01	-3.24E-02	
	5.00	7.14E-06	-1.22E-06	3.23E-06	2.49E-05	-8.35E-07	4.90E-06	7.33E-06	-1.40E-06				
52	507.00	-2.77E-03	-7.02E-02	8.05E-02	-2.72E-02	-4.52E-02	-9.77E-02	6.83E-03	-7.98E-02	-19.45	-4.36E-02	-4.27E-02	
	9.00	-1.82E-07	-2.78E-06	3.01E-06	-2.09E-05	-3.48E-06	-7.52E-06	1.80E-07	-3.15E-06				
53	603.00	5.47E-02	-3.42E-02	9.37E-02	-1.10E-01	-4.93E-02	1.39E-01	1.28E-01	-1.06E-01	-33.96	1.13E-01	-5.79E-02	
	-18.00	8.47E-07	-2.57E-06	2.35E-06	-9.42E-06	-3.79E-06	1.07E-05	3.60E-06	-5.41E-06				
54	712.00	-1.13E-02	-7.51E-02	-1.79E-02	-1.67E-01	-2.03E-02	2.63E-01	1.27E-01	-2.14E-01	-39.64	-1.18E-02	-1.67E-01	
	-303.00	8.26E-07	-2.05E-06	5.46E-07	-1.52E-05	-1.85E-06	2.39E-05	7.12E-06	-8.35E-06				
55	712.00	9.54E-02	-2.04E-02	7.30E-02	-1.81E-01	-5.96E-02	2.50E-01	2.27E-01	-1.52E-01	-36.12	9.54E-02	-1.81E-01	
	-213.00	2.41E-06	-2.85E-06	1.40E-06	-1.64E-05	-5.42E-06	2.27E-05	8.41E-06	-8.85E-06				
56	712[illegible]	2.02E-01	2.48E-02	1.69E-01	-1.15E-01	-1.27E-01	[illegible]11E-01	2.59E-01	-3.23E-02	-26.26	2.02E-01	-1.16[illegible]	
	-138[illegible]	2.52E-06	-1.52E-06	1.77E-06	-5.26E-06	-5.75E-06	[illegible]8E-06	3.82E-06	-2.82E-06				
57	712[illegible]	8.9[illegible]E-02	-1.12E-02	9.95E-02	-3.67E-02	-4.89E-02	[illegible]6E-01	1.38E-01	-6.41E-02	-29.44	8.95E-02	-8.[illegible]	

5	-.39741E-02	.20518E-04	.38759E-02	.00000E+00
6	-.43251E-02	-.50232E-05	.43226E-02	.35974E-05
7	-.40178E-02	-.20498E-03	.41042E-02	.00000E+00
8	-.43415E-02	-.16169E-03	.43724E-02	-.99537E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.15094E-02	-.54535E-04	.19444E-02	.00000E+00
11	-.34046E-02	-.12305E-03	.35241E-02	.00000E+00
12	-.37299E-02	-.17438E-03	.39809E-02	.00000E+00
13	-.40219E-02	-.14354E-03	.41316E-02	.00000E+00
14	-.43622E-02	-.23375E-03	.45053E-02	-.20072E-05
15	-.40344E-02	-.39552E-03	.44612E-02	.00000E+00
16	-.43975E-02	-.38177E-03	.47210E-02	-.80094E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.19006E-02	-.11179E-03	.21158E-02	.00000E+00
19	-.34511E-02	-.26514E-03	.38647E-02	.00000E+00
20	-.37757E-02	-.34265E-03	.42739E-02	.00000E+00
21	-.40961E-02	-.30294E-03	.45704E-02	.00000E+00
22	-.44401E-02	-.41163E-03	.50199E-02	-.16700E-05
23	-.41665E-02	-.66359E-03	.51150E-02	.00000E+00
24	-.45005E-02	-.65135E-03	.54071E-02	-.39405E-05
25	-.45417E-02	-.75251E-03	.56464E-02	-.10476E-05
26	-.45670E-02	-.77514E-03	.57849E-02	-.27445E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.18260E-02	-.22155E-03	.23195E-02	.00000E+00
29	-.34323E-02	-.51715E-03	.42932E-02	.00000E+00
30	-.38416E-02	-.64714E-03	.47874E-02	.00000E+00
31	-.42398E-02	-.74723E-03	.53300E-02	.00000E+00
32	-.45908E-02	-.89053E-03	.59358E-02	-.97917E-05
33	-.42013E-02	-.95656E-03	.53971E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.17687E-02	-.26925E-03	.23674E-02	.00000E+00
36	-.33057E-02	-.63428E-03	.44473E-02	.00000E+00
37	-.38519E-02	-.73503E-03	.48638E-02	.00000E+00
38	-.42955E-02	-.98516E-03	.56041E-02	.00000E+00
39	-.46702E-02	-.12480E-02	.62137E-02	-.75177E-06
40	-.46608E-02	-.12080E-02	.61506E-02	-.60271E-05
41	-.46518E-02	-.11250E-02	.60908E-02	-.86771E-05
42	-.46235E-02	-.10106E-02	.60199E-02	-.10205E-04
43	-.36334E-02	-.85489E-03	.50377E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.14865E-02	-.17553E-03	.23352E-02	.00000E+00
46	-.31704E-02	-.60338E-03	.45506E-02	.00000E+00
47	-.46748E-02	-.12405E-02	.62418E-02	.18861E-05
48	-.46735E-02	-.12467E-02	.62344E-02	.15893E-05
49	-.42809E-02	-.99316E-03	.55786E-02	.00000E+00
50	-.47026E-02	-.12540E-02	.62484E-02	.76255E-05
51	-.41506E-02	-.10118E-02	.56560E-02	.00000E+00
52	-.47087E-02	-.11371E-02	.61176E-02	.00000E+00
53	-.46708E-02	-.12148E-02	.62690E-02	.22631E-05
54	-.35033E-02	-.66240E-03	.48653E-02	.00000E+00
55	-.39593E-02	-.83346E-03	.53846E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.12386E-02	-.19399E-03	.19445E-02	.00000E+00
58	-.26240E-02	-.28207E-03	.37341E-02	.00000E+00
59	-.47012E-02	-.10170E-02	.60751E-02	.00000E+00
60	-.46524E-02	-.11103E-02	.60233E-02	.00000E+00
61	-.47333E-02	-.12586E-02	.62600E-02	.12535E-04
62	-.32242E-02	-.40203E-03	.44675E-02	.00000E+00
63	-.37489E-02	-.52423E-03	.52102E-02	.00000E+00
64	-.48075E-02	-.11508E-02	.61014E-02	.00000E+00
65	-.47763E-02	-.12628E-02	.62707E-02	.15974E-04
66	-.48852E-02	-.12713E-02	.62921E-02	.19984E-04
67	-.50071E-02	-.12101E-02	.63160E-02	.19507E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00

69	-.64303E-02	-.25304E-04	.12806E-02	.00000E+00
70	-.27986E-02	-.25563E-03	.40935E-02	.00000E+00
71	-.44202E-02	-.68382E-03	.60290E-02	.00000E+00
72	-.49138E-02	-.11572E-02	.63379E-02	.00000E+00
73	-.34737E-02	-.35199E-03	.49296E-02	.00000E+00
74	-.42213E-02	-.12341E-02	.64253E-02	.00000E+00
75	-.51131E-02	-.12372E-02	.63360E-02	.15429E-04
76	-.52645E-02	-.13072E-02	.63627E-02	.11418E-04
77	-.40944E-02	-.51122E-03	.57459E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.10823E-02	-.74308E-04	.18365E-02	.00000E+00
80	-.25764E-02	-.13361E-03	.39217E-02	.00000E+00
81	-.28708E-02	-.19432E-03	.43286E-02	.00000E+00
82	-.32447E-02	-.28344E-03	.50484E-02	.00000E+00
83	-.49591E-02	-.83239E-03	.65408E-02	.00000E+00
84	-.45320E-02	-.63203E-03	.66061E-02	.00000E+00
85	-.54390E-02	-.13286E-02	.64035E-02	.93817E-05
86	-.54052E-02	-.12138E-02	.64797E-02	.00000E+00
87	-.40713E-02	-.45481E-03	.58137E-02	.00000E+00
88	-.53347E-02	-.11591E-02	.66645E-02	.00000E+00
89	-.55675E-02	-.13535E-02	.64336E-02	.78517E-05
90	-.30054E-02	-.34394E-04	.37668E-02	.00000E+00
91	-.32815E-02	-.69031E-04	.40968E-02	.00000E+00
92	-.36154E-02	-.19521E-03	.43571E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.12669E-02	.00000E+00	.16438E-02	.00000E+00
95	-.23507E-02	.00000E+00	.29643E-02	.00000E+00
96	-.27141E-02	.00000E+00	.33615E-02	.00000E+00
97	-.29446E-02	.00000E+00	.33994E-02	.00000E+00
98	-.27971E-02	.00000E+00	.33449E-02	.00000E+00
99	-.30870E-02	-.54675E-04	.35926E-02	.00000E+00
100	-.40534E-02	-.31336E-03	.48797E-02	.00000E+00
101	-.50042E-02	-.78196E-03	.68179E-02	.00000E+00
102	-.57581E-02	-.13396E-02	.64810E-02	.68337E-05
103	-.52364E-02	-.10230E-02	.70744E-02	.00000E+00
104	-.57561E-02	-.13313E-02	.66416E-02	.00000E+00
105	-.58941E-02	-.14181E-02	.65096E-02	.55980E-05
106	-.55375E-02	-.12124E-02	.72983E-02	.00000E+00
107	-.59567E-02	-.14501E-02	.67716E-02	.00000E+00
108	-.60350E-02	-.14493E-02	.65383E-02	.53397E-05
109	-.61471E-02	-.14730E-02	.65426E-02	.46310E-05
110	-.60295E-02	-.16188E-02	.74988E-02	.00000E+00
111	-.62330E-02	-.15988E-02	.69703E-02	.00000E+00
112	-.62592E-02	-.15007E-02	.65466E-02	.41115E-05
113	-.61699E-02	-.15737E-02	.72707E-02	.00000E+00
114	-.63263E-02	-.15101E-02	.65170E-02	.13057E-05
115	-.63379E-02	-.15274E-02	.64901E-02	.41304E-06
116	-.63522E-02	-.15279E-02	.64270E-02	.35267E-06
117	-.62796E-02	-.16197E-02	.69106E-02	.00000E+00
118	-.63539E-02	-.15317E-02	.63993E-02	-.91346E-09
119	-.63550E-02	-.15369E-02	.63402E-02	.29819E-06
120	-.62974E-02	-.16559E-02	.67478E-02	.00000E+00
121	-.63669E-02	-.15284E-02	.62686E-02	.41907E-06
122	-.63676E-02	-.15306E-02	.62652E-02	.17947E-06
123	-.63678E-02	-.15309E-02	.62597E-02	-.54470E-07
124	-.63673E-02	-.15294E-02	.62543E-02	-.41844E-06
125	-.63654E-02	-.15252E-02	.62478E-02	-.96606E-06
126	-.63582E-02	-.15102E-02	.62370E-02	-.19763E-05
127	-.63457E-02	-.14864E-02	.62260E-02	-.27415E-05
128	-.63142E-02	-.14144E-02	.62033E-02	-.36542E-05
129	-.62780E-02	-.13294E-02	.61818E-02	-.39853E-05
	-.62367E-02	-.12247E-02	.61583E-02	.40168E-05
	-.61790E-02	-.10579E-02	.61229E-02	.34001E-05
	-.61350E-02	-.91320E-03	.60932E-02	.31675E-05

21	.0000E+00	.0000E+00	.0000E+00	[illegible]+00	.0000E+00	.0000E+00
22	-.1523E+01	-.1905E+00	.3447E-02	[illegible]+02	-.4177E+02	-.3893E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.7649E+00	-.2742E+00	.1053E+00	.4355E+02	-.5305E+02	-.5043E+02
25	.5029E+01	.8072E+00	.1396E-01	.5411E+02	-.5852E+02	-.6140E+02
26	.3535E+00	.2179E+00	-.4151E-01	.5888E+02	-.6175E+02	-.6943E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2683E+02	-.4926E+01	.7503E+00	.6058E+02	-.8466E+02	-.7585E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3048E+03	.6843E+02	-.3739E+01	.3270E+02	-.2258E+03	-.1179E+03
40	.2800E+03	.4553E+02	-.4521E+00	.7830E+02	-.2230E+03	-.1087E+03
41	.1974E+03	.2777E+02	.2813E+01	.6839E+02	-.2022E+03	-.9494E+02
42	.6237E+02	.4738E+01	.3172E+01	.6054E+02	-.1436E+03	-.8303E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.5275E+03	-.7016E+02	-.3137E+01	.1452E+02	-.2359E+03	.5172E+02
48	-.4576E+03	-.6067E+02	-.3363E+01	.2573E+02	-.2189E+03	.3778E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.7134E+03	-.1090E+03	-.3272E+01	-.1909E+02	-.1632E+03	.1765E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2141E+01	.2773E+01	-.4219E+00	.8665E+01	-.2330E+03	.4800E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.4879E+03	-.7430E+02	-.3254E+01	-.8383E+01	-.1331E+03	.1680E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.3415E+03	-.5228E+02	-.4386E+01	-.7885E+01	-.1265E+03	.1635E+03
66	-.1140E+03	-.1801E+02	-.5528E+01	-.9881E+01	-.1096E+03	.1703E+03
67	.2393E+03	.3509E+02	-.5513E+01	-.8908E+01	-.9261E+02	.1705E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.4269E+03	.6327E+02	-.4658E+01	.9137E+01	-.7999E+02	.1609E+03
76	-.4563E+02	-.7463E+01	-.3152E+01	.1438E+02	-.6154E+02	.1603E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

85	.1774E+03	.2621E+02	-.2265E+01	.1546E+02	-.3751E+02	.1556E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.7651E+02	-.1160E+02	-.1417E+01	.2322E+02	-.2317E+02	.1496E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1027E+03	.1535E+02	-.1425E+01	.2345E+02	-.3047E+01	.1395E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.7110E+02	-.1061E+02	-.1206E+01	.2213E+02	.9244E+01	.1281E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.8036E+02	.1228E+02	-.1244E+01	.2220E+02	.2615E+02	.1147E+03
109	-.4731E+02	-.6764E+01	-.1046E+01	.2356E+02	.3782E+02	.4964E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.6602E+02	.1037E+02	-.1037E+01	.1418E+02	.5021E+02	.8102E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2846E+02	.4807E+01	-.2215E+00	.8275E+01	.5682E+02	.6244E+02
115	.9977E+01	.2064E+01	-.1180E-01	.4894E+01	.5731E+02	.4416E+02
116	.1413E+02	.2776E+01	.6914E-01	.1268E+01	.6153E+02	.3048E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1989E+02	.3697E+01	.2437E+00	.5118E+01	.6415E+02	.2947E+02
119	.9869E+01	.2147E+01	.3260E+00	-.5939E+01	.5959E+02	.1374E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.4234E+02	.5972E+01	.2481E+01	-.6970E+01	.5526E+02	.5069E+01
122	.3514E+02	.3470E+01	.4798E+01	.1175E+01	.5382E+02	.7971E+01
123	.2628E+02	.2405E+01	.4333E+01	.6567E+00	.4735E+02	.7293E+01
124	.1997E+02	.1701E+01	.2995E+01	.3022E+00	.3928E+02	.6744E+01
125	.1365E+02	.9948E+00	.2208E+01	.9010E-02	.3276E+02	.6219E+01
126	.5303E+01	-.3669E+00	.2064E+01	-.3595E+00	.2802E+02	.5656E+01
127	-.8093E+00	-.1428E+01	.2124E+01	-.6031E+00	.2440E+02	.4918E+01
128	-.7547E+01	-.2377E+01	.2113E+01	-.1207E+01	.1678E+02	.4069E+01
129	-.8039E+01	-.2127E+01	.1873E+01	-.1467E+01	.1043E+02	.3280E+01
130	-.5781E+01	-.1343E+01	.1481E+01	-.1481E+01	.5862E+01	.2664E+01
131	-.1642E+01	-.2604E+00	.1109E+01	-.1293E+01	.2605E+01	.2215E+01
132	.1340E+00	.1094E+00	.8379E+00	-.9019E+00	.2347E+01	.1861E+01
133	.3134E+00	.1005E+00	.7512E+00	-.6467E+00	.2374E+01	.1538E+01
134	.3677E-01	.3177E-01	.7382E+00	-.4972E+00	.1950E+01	.1204E+01
135	.4480E-02	.5024E-02	.8269E+00	-.3760E+00	.1382E+01	.8889E+00
136	.4212E-02	.6724E-02	.1099E+01	-.2610E+00	.9046E+00	.5950E+00
137	-.1615E-01	-.5106E-02	.1712E+01	-.1907E+00	.4110E+00	.3262E+00
138	.9444E-02	.3332E-01	.2704E+02	-.1202E+00	-.1089E+00	.1638E+00
139	.2414E-01	.3945E-01	-.4820E+01	-.1917E-01	.5860E-01	-.5911E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.18719E-02	-.12244E-04	.19300E-02	.00000E+00
	-.33012E-02	-.51313E-04	.33767E-02	.00000E+00
	-.36473E-02	-.57266E-04	.35879E-02	.00000E+00

	-8.	-3.22E-06	1.87E-06	1.64E-07	3.41E-05	4.15E-06	[illegible]0E-05	1.85E-05	-1.80E-05				
B1	1533.	2.54E-01	-4.63E-02	-1.09E-01	2.35E-01	4.52E-02	[illegible]E-01	1.06E-01	-4.06E-01	57.00	-4.43E-02	-2.39	
	-28.	-5.29E-06	2.77E-06	2.80E-07	1.01E-05	5.32E-06	[illegible]0E-05	8.65E-06	-1.12E-05				
B2	1622.80	-3.12E-01	-1.23E-01	-1.64E-01	1.12E-01	5.04E-02	-7.45E-02	-7.09E-02	-3.64E-01	65.07	-7.25E-02	-2.21E-02	
	-8.00	-5.43E-06	1.86E-06	2.63E-07	8.63E-05	3.88E-06	-5.75E-06	3.86E-06	-7.42E-06				
B3	1433.80	-9.71E-01	-4.70E-01	-1.40E-01	2.69E-01	2.19E-01	-1.66E-01	-3.11E-01	-1.08E+00	67.84	-4.20E-01	-2.69E-01	
	27.40	-1.61E-05	5.06E-06	4.44E-07	2.07E-05	1.68E-05	-1.28E-05	9.27E-06	-2.03E-05				
B4	1206.10	-3.56E-01	-5.43E-02	-1.44E-01	2.80E-01	9.47E-02	-1.39E-01	1.14E-01	-5.22E-01	59.06	-2.26E-01	-3.17E-01	
	40.70	-7.55E-06	3.09E-06	5.40E-07	2.14E-05	6.51E-06	-1.07E-05	1.04E-05	-1.40E-05				
B5	1148.60	-1.64E-01	8.44E-02	-2.16E-02	4.29E-01	1.16E-01	-3.10E-01	4.07E-01	-4.87E-01	53.08	3.40E-01	2.35E-01	
	57.33	-5.20E-06	4.36E-06	2.85E-07	3.30E-05	8.93E-06	-2.39E-05	1.68E-05	-1.76E-05				
B6	1131.40	-1.23E+00	-4.20E-01	-7.00E-01	1.57E-01	3.68E-01	-6.92E-02	-5.82E-01	-1.26E+00	76.30	-6.20E-01	-1.57E-01	
	112.00	-1.92E-05	4.13E-06	1.07E-06	1.21E-05	2.83E-05	-5.33E-06	5.61E-06	-2.07E-05				
B7	1010.80	-3.44E-01	-2.39E-01	-2.17E-01	4.00E-01	8.57E-02	-4.85E-01	1.17E-01	-6.90E-01	49.10	-2.29E-01	-4.00E-01	
	34.67	-4.55E-06	-1.18E-07	3.21E-07	3.07E-05	6.59E-06	-3.73E-05	1.32E-05	-1.76E-05				
B8	986.60	-2.07E-01	-1.18E-01	-1.26E-01	3.57E-01	4.98E-02	-3.91E-01	1.97E-01	-5.22E-01	48.55	-2.07E-01	3.57E-01	
	46.00	-3.00E-06	4.23E-07	1.01E-07	2.75E-05	3.83E-06	-3.01E-05	1.26E-05	-1.51E-05				
B9	869.80	-7.65E-01	-3.59E-01	-4.47E-01	2.24E-01	1.65E-01	-2.50E-01	-2.60E-01	-8.65E-01	66.10	-3.59E-01	-2.24E-01	
	96.00	-1.22E-05	3.46E-06	6.75E-08	1.72E-05	1.27E-05	-1.93E-05	7.27E-06	-1.60E-05				
B0	952.60	-1.04E-01	3.41E-01	6.16E-02	4.79E-01	1.31E-01	-3.60E-01	6.22E-01	-4.74E-01	59.57	5.00E-01	-3.45E-01	
	128.00	-9.72E-06	1.09E-05	3.69E-05	1.01E-05	-2.77E-05	2.16E-05	-2.05E-05					
91	869.80	-2.23E-01	1.16E-02	-8.51E-02	2.57E-01	1.10E-01	-1.75E-01	1.76E-01	-3.88E-01	57.31	-2.23E-01	2.57E-01	
	160.00	-5.33E-06	3.71E-06	-9.91E-09	1.97E-05	8.44E-06	-1.35E-05	1.00E-05	-1.17E-05				
92	869.80	-1.14E+00	-4.21E-01	-5.99E-01	1.50E-01	3.68E-01	-1.49E-01	-3.91E-01	-1.17E+00	78.70	-4.21E-01	-1.50E-01	
	203.60	-2.01E-05	7.55E-06	6.39E-07	1.15E-05	2.83E-05	-1.14E-05	8.70E-06	-2.13E-05				
93	598.67	1.19E-01	-6.59E-02	-2.59E-02	7.29E-01	2.22E-01	-7.67E-01	7.60E-01	-7.08E-01	41.40	-6.59E-02	-7.29E-01	
	16.00	4.26E-06	-2.83E-06	-1.29E-06	5.60E-05	1.71E-05	-5.90E-05	2.90E-05	-2.75E-05				
94	645.75	-1.19E-01	-1.08E-01	-1.30E-01	4.68E-01	1.01E-01	-4.12E-01	3.55E-01	-5.82E-01	45.32	-1.19E-01	4.63E-01	
	24.00	-6.49E-07	-2.45E-07	-1.07E-06	3.60E-05	7.78E-06	-3.17E-05	1.76E-05	-1.85E-05				
95	613.10	-5.27E-02	-1.20E-01	-1.20E-01	8.25E-01	4.94E-02	-3.54E-01	7.39E-01	-9.12E-01	43.82	-5.27E-02	8.25E-01	
	69.33	1.19E-06	-1.41E-06	-1.39E-06	6.35E-05	3.80E-06	-2.72E-05	3.17E-05	-3.19E-05				
96	708.45	-2.19E-01	-7.60E-02	-1.31E-01	3.70E-01	9.99E-02	-3.55E-01	2.30E-01	-5.25E-01	50.46	-3.03E-01	-3.44E-01	
	55.00	-3.73E-06	1.76E-06	-3.72E-07	2.85E-05	7.68E-06	-2.73E-05	1.35E-05	-1.55E-05				
97	613.10	-5.32E-01	-2.69E-01	-3.33E-01	2.84E-01	1.86E-01	-1.90E-01	-8.73E-02	-7.14E-01	57.40	-2.69E-01	-2.84E-01	
	96.00	-8.00E-06	2.11E-06	-3.50E-07	2.19E-05	1.43E-05	-1.46E-05	9.11E-06	-1.50E-05				
98	682.27	-2.05E-01	-8.43E-02	-1.27E-01	5.57E-01	5.23E-02	-4.45E-01	4.16E-01	-7.05E-01	48.11	3.26E-01	-3.04E-01	
	112.00	-3.32E-06	1.34E-06	-3.14E-07	4.29E-05	4.02E-06	-3.42E-05	2.06E-05	-2.25E-05				
99	751.43	-8.02E-01	1.34E-02	-3.15E-01	5.51E-01	3.02E-01	-7.13E-01	2.91E-01	-1.08E+00	63.26	1.34E-02	-5.51E-01	
	96.00	-1.87E-05	1.26E-05	1.91E-08	4.24E-05	2.32E-05	-5.48E-05	2.33E-05	-2.94E-05				
100	683.25	-2.21E-01	-1.08E-01	-1.33E-01	1.91E-01	3.66E-02	-2.01E-01	3.42E-02	-3.64E-01	53.27	-2.21E-01	1.91E-01	
	152.00	-3.43E-06	9.24E-07	-3.28E-08	1.47E-05	2.82E-06	-1.55E-05	6.40E-06	-8.91E-06				
101	648.67	-9.81E-01	-5.07E-01	-6.05E-01	1.59E-01	1.19E-01	-1.88E-01	-4.59E-01	-1.03E+00	73.09	-5.07E-01	-1.59E-01	
	102.00	-1.47E-05	3.49E-06	-2.63E-07	1.22E-05	9.14E-06	-1.45E-05	5.34E-06	-1.66E-05				
102	728.25	-1.09E-01	4.36E-02	-5.33E-02	1.81E-01	2.24E-02	-1.26E-01	1.42E-01	-2.88E-01	61.37	-6.96E-02	-2.15E-01	
	232.70	-5.09E-06	2.96E-06	1.34E-07	1.39E-05	1.72E-06	-9.71E-06	7.66E-06	-8.89E-06				
103	435.50	-1.03E-01	-5.82E-02	-4.45E-02	3.82E-02	1.10E-02	-8.46E-02	-3.62E-02	-1.25E-01	60.10	-1.03E-01	3.82E-02	
	264.00	-1.69E-06	1.89E-08	5.44E-07	2.94E-06	8.47E-07	-6.51E-06	8.63E-07	-2.54E-06				
104	635.50	-4.32E-01	-2.79E-01	-2.68E-01	2.40E-02	4.91E-02	-1.54E-02	-2.74E-01	-4.36E-01	81.35	-2.78E-01	-2.40E-02	
	200.67	-5.87E-06	6.34E-08	4.33E-07	1.85E-06	3.78E-06	-1.19E-06	2.04E-07	-6.03E-06				
105	569.00	5.93E-02	-9.36E-02	-9.94E-02	7.47E-01	1.83E-01	-6.70E-01	7.34E-01	-7.68E-01	42.08	5.93E-02	7.47E-01	
	16.50	3.74E-06	-2.14E-06	-2.33E-06	5.75E-05	1.41E-05	-5.15E-05	2.97E-05	-2.81E-05				
106	508.50	1.43E+00	9.53E-01	8.62E-01	5.40E-01	4.25E-01	-2.19E-01	1.82E+00	6.14E-01	32.04	9.53E-01	-5.40E-01	
	13.00	2.07E-05	4.58E-07	-3.03E-06	4.16E-05	3.27E-05	-1.69E-05	3.37E-05	-1.26E-05				
107	521.00	3.77E-01	1.62E-01	6.57E-02	7.27E-01	1.62E-01	-3.97E-01	1.00E+00	-4.66E-01	40.79	3.77E-01	7.27E-01	
	15.75	7.91E-06	-4.66E-07	-4.00E-06	5.60E-05	1.24E-05	-3.05E-05	3.20E-05	-2.46E-05				
108	526.25	3.15E-01	1.23E-01	4.64E-02	8.06E-01	1.31E-01	-4.07E-01	1.03E+00	-5.93E-01	41.60	3.15E-01	8.06E-01	
	21.00	6.79E-06	-5.06E-07	-3.54E-06	6.20E-05	1.01E-05	-3.13E-05	3.43E-05	-2.81E-05				
109	515.50	9.14E-01	5.77E-01	5.16E-01	9.90E-01	2.59E-01	-2.23E-01	1.75E+00	-2.55E-01	40.18	5.77E-01	-9.90E-01	
	26.00	1.31E-05	1.50E-07	-2.20E-06	7.62E-05	1.59E-05	-1.72E-05	4.53E-05	-3.20E-05				
110	531.50	9.31E-02	2.94E-02	-2.94E-02	6.51E-01	8.50E-02	-3.36E-01	7.18E-01	-5.85E-01	43.82	9.31E-02	6.51E-01	
	34.50	2.56E-06	4.93E-07	-2.54E-06	5.01E-05	6.54E-06	-2.58E-05	2.66E-05	-2.35E-05				
111	515.50	-4.36E-01	-6.81E-01	-5.56E-01	1.93E+00	8.72E-02	-3.52E-01	1.38E+00	-2.49E+00	43.18	-4.36E-01	1.93E+00	
	44.00	1.62E-06	-7.82E-06	-2.09E-06	1.49E-04	4.40E-06	-2.71E-05	7.13E-05	-7.75E-05				
112	515.50	-1.00E-01	-1.36E-01	-1.00E-01	4.44E-01	1.04E-01	-1.76E-01	2.83E-01	-6.07E-01	46.69	-1.36E-01	-4.44E-01	

3704

	52.33	-1.60E-06	4.26E-07	-1.66E-06	3.42E-05	9.03E-05	-1.36E-05	1.65E-05	-1.77E-05				
113	547.50	-4.02E-01	-5.12E-02	-2.54E-01	6.80E-01	9.96E-02	-4.44E-01	4.51E-01	-9.44E-01	51.43	1.21E-01	-5.93E-01	
	64.00	-7.24E-06	4.70E-06	-1.56E-05	5.23E-05	6.89E-06	-3.41E-05	2.55E-05	-2.81E-05				
114	515.50	-6.03E-01	-7.01E-01	-5.73E-01	8.11E-01	4.06E-02	-3.36E-01	1.60E-01	-1.46E+00	53.27	-6.03E-01	8.11E-01	
	74.67	-2.56E-06	-6.33E-06	-1.42E-05	6.24E-05	3.12E-06	-2.58E-05	2.68E-05	-3.57E-05				
115	515.50	-1.14E+00	-7.27E-01	-7.02E-01	2.84E-01	1.15E-01	-1.61E-01	-5.90E-01	-1.29E+00	62.69	-7.37E-01	-2.84E-01	
	88.00	-1.45E-05	9.69E-07	-1.12E-06	2.19E-05	9.16E-06	-1.24E-05	6.63E-06	-2.02E-05				
116	547.50	-7.27E-01	-1.44E-01	-3.57E-01	8.39E-01	1.04E-01	-4.96E-01	4.51E-01	-1.32E+00	54.58	2.16E-01	-6.02E-01	
	104.00	-1.41E-05	9.27E-06	-1.05E-06	6.44E-05	4.00E-06	-3.82E-05	3.12E-05	-3.70E-05				
117	515.50	-2.02E-01	-2.98E-01	-2.44E-01	6.27E-01	3.40E-03	-3.07E-01	3.32E-01	-9.22E-01	66.86	-2.92E-01	6.27E-01	
	120.00	-2.06E-06	-2.29E-06	-2.29E-07	4.82E-05	2.61E-07	-3.05E-05	2.19E-05	-2.63E-05				
118	515.50	-8.82E-01	-5.63E-01	-5.87E-01	2.43E-01	3.51E-02	-1.38E-01	-4.33E-01	-1.02E+00	61.93	-5.63E-01	-2.43E-01	
	134.00	-1.19E-05	7.53E-07	-1.71E-07	1.97E-05	2.70E-06	-1.06E-05	5.73E-06	-1.68E-05				
119	547.50	-5.99E-01	-1.47E-01	-3.04E-01	6.03E-01	5.01E-02	-3.61E-01	2.71E-01	-1.02E+00	55.25	1.10E-01	-4.26E-01	
	152.00	-1.15E-05	5.87E-06	-1.61E-07	4.64E-05	3.85E-06	-2.78E-05	2.20E-05	-2.76E-05				
120	515.50	-2.77E-01	-2.16E-01	-1.69E-01	4.41E-01	-2.56E-02	-3.68E-01	1.96E-01	-6.89E-01	46.98	-2.77E-01	4.41E-01	
	168.00	-3.39E-06	-1.04E-06	7.95E-07	3.39E-05	-1.97E-06	-2.83E-05	1.48E-05	-1.92E-05				
121	515.50	-1.08E+00	-6.81E-01	-6.90E-01	1.96E-01	-2.73E-02	-1.05E-01	-6.00E-01	-1.16E+00	67.64	-6.81E-01	-1.96E-01	
	184.00	-1.45E-05	7.23E-07	3.45E-07	1.51E-05	-2.10E-06	-8.11E-06	3.83E-06	-1.76E-05				
122	547.50	-4.33E-01	9.70E-02	-1.23E-01	6.43E-01	7.38E-03	-3.96E-01	5.27E-01	-8.63E-01	56.20	3.68E-01	-4.43E-01	
	200.00	-1.16E-05	8.77E-06	3.25E-07	4.95E-05	5.68E-07	-3.05E-05	2.53E-05	-2.82E-05				
123	515.50	1.33E-01	2.45E-01	2.12E-01	3.24E-01	-9.24E-02	-4.63E-01	5.18E-01	-1.40E-01	49.91	1.33E-01	3.24E-01	
	216.00	-1.37E-06	2.94E-06	1.68E-06	2.49E-05	-7.11E-06	-3.56E-05	1.34E-05	-1.19E-05				
124	515.50	-3.53E-01	-2.15E-01	-2.03E-01	8.63E-02	-2.08E-01	-6.86E-02	-1.73E-01	-3.95E-01	64.37	-2.15E-01	-8.63E-02	
	232.00	-5.12E-06	2.11E-07	6.70E-07	6.64E-06	-1.60E-05	-5.28E-06	1.80E-06	-6.71E-06				
125	547.50	-3.11E-01	-2.52E-01	-2.02E-01	1.56E-01	-9.50E-02	1.01E-02	-1.22E-01	-4.41E-01	50.35	-1.82E-01	-1.24E-01	
	248.00	-3.55E-06	-1.28E-06	6.31E-07	1.20E-05	-7.31E-06	7.76E-07	3.71E-06	-8.54E-06				
126	515.50	1.53E-01	2.61E-01	2.36E-01	1.07E-02	-1.02E-01	-3.62E-01	2.62E-01	1.52E-01	64.41	1.53E-01	1.07E-02	
	264.00	-1.26E-06	2.90E-06	1.94E-06	8.22E-07	-7.85E-06	-2.79E-05	2.94E-06	-1.30E-06				
127	515.50	-2.67E-01	-1.71E-01	-1.53E-01	4.23E-02	-2.37E-01	-3.45E-02	-1.55E-01	-2.83E-01	69.33	-1.71E-01	-4.23E-02	
	276.00	-3.79E-06	-9.29E-08	6.31E-07	3.25E-06	-1.82E-05	-2.65E-06	5.20E-07	-4.40E-06				
128	531.50	3.01E-02	4.07E-02	7.51E-02	2.59E-02	-9.08E-02	-2.02E-02	6.19E-02	8.99E-03	50.79	3.01E-02	2.59E-02	
	287.00	-4.45E-07	-3.74E-08	1.28E-06	1.99E-06	-6.99E-06	-1.55E-06	7.75E-07	-1.26E-06				
129	515.50	3.71E-01	4.15E-01	3.82E-01	-5.62E-02	-1.01E-01	-2.83E-01	4.53E-01	3.32E-01	-55.75	3.71E-01	-5.62E-02	
	320.00	1.43E-06	3.13E-06	1.85E-06	-4.32E-06	-7.81E-06	-2.18E-05	4.61E-06	-4.18E-08				
183	565.50	2.19E-02	-5.03E-02	-1.23E-01	1.12E+00	2.41E-01	-9.30E-01	1.11E+00	-1.14E+00	44.08	2.18E-02	1.12E+00	
	-8.00	2.51E-06	-2.69E-07	-3.07E-06	8.64E-05	1.86E-05	-7.15E-05	4.43E-05	-4.21E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1522E+02	-.9459E+02	-.9149E+01	.1374E+02	.3378E+02	-.2248E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1550E+01	.6341E+00	.2780E+00	.1174E+02	-.8951E+01	-.1095E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1172E+01	-.1697E+00	.1042E+00	.1863E+02	-.1973E+02	-.1994E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1649E+01	.3363E+00	.1202E-01	.2595E+02	-.3087E+02	-.2903E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	-19	2.36E-06	2.09E-06	-2.96E-06	2.17E-05	-2.56E-06	[illegible]57E-05	1.21E-05	-9.71E-06				
17	361	2.46E-02	3.65E-02	4.52E-03	6.54E-01	-7.54E-03	[illegible]40E-01	7.14E-01	-6.53E-01	45.25	2.46E-02	6.8[illegible]	[illegible]
	-303.00	2.64E-07	[illegible]07E-07	-6.46E-07	5.21E-05	-6.22E-07	-6.73E-05	3.17E-05	-3.05E-05				
18	361.00	4.93E-02	3.51E-02	-2.40E-02	6.25E-01	-2.47E-02	-6.75E-01	6.67E-01	-5.83E-01	44.68	4.93E-02	6.25E-01	
	-213.00	1.46E-06	8.11E-07	-1.09E-06	5.68E-05	-2.24E-06	-6.14E-05	2.95E-05	-2.73E-05				
19	361.00	1.08E-01	2.71E-02	-1.18E-01	4.94E-01	-8.14E-02	-5.74E-01	5.63E-01	-4.28E-01	42.67	1.08E-01	4.94E-01	
	-138.00	2.36E-06	5.27E-07	-2.76E-06	2.25E-05	-3.70E-06	-2.61E-05	1.27E-05	-9.83E-06				
20	312.00	3.67E-01	2.42E-01	1.56E-01	8.25E-01	-2.08E-01	-9.56E-01	1.13E+00	-5.22E-01	42.84	3.67E-01	8.25E-01	
	-68.00	5.70E-06	9.11E-07	-2.41E-06	6.34E-05	-1.60E-05	-7.34E-05	3.51E-05	-2.85E-05				
21	360.67	-3.17E-01	-1.68E-01	-3.42E-01	3.72E-01	-2.52E-02	-4.28E-01	1.37E-01	-6.21E-01	10.69	-1.68E-01	-3.72E-01	
	-88.00	-3.11E-06	2.64E-06	-4.06E-06	2.86E-05	-1.56E-06	-3.29E-05	1.43E-05	-1.48E-05				
22	409.33	1.63E-01	2.34E-01	2.83E-02	7.85E-01	-1.27E-02	-9.92E-01	9.84E-01	-5.87E-01	46.29	9.73E-01	-1.26E-01	
	-66.00	1.60E-06	4.31E-06	-3.58E-06	6.04E-05	-9.74E-07	-7.63E-05	3.32E-05	-2.73E-05				
23	324.00	1.43E-01	2.24E-02	-7.29E-02	3.28E-01	-1.46E-01	-3.34E-01	4.16E-01	-2.51E-01	39.79	1.43E-01	3.28E-01	
	-19.00	4.48E-06	-1.54E-07	-3.92E-06	2.52E-05	-1.12E-05	-2.57E-05	1.50E-05	-1.07E-05				
24	372.00	9.13E-02	-4.13E-02	-1.39E-01	8.91E-01	-1.36E-01	-9.45E-01	9.19E-01	-8.69E-01	42.87	9.13E-02	8.91E-01	
	-9.33	4.48E-06	-6.17E-07	-4.35E-06	6.86E-05	-1.05E-05	-7.27E-05	3.63E-05	-3.24E-05				
25	401.25	2.48E-02	-2.03E-02	-1.72E-01	2.98E-01	-5.19E-02	-3.82E-01	2.91E-01	-2.87E-01	42.76	-2.46E-01	1.43E-01	
	-19.00	2.79E-06	1.06E-06	-4.77E-06	2.22E-05	-3.99E-06	-2.94E-05	1.30E-05	-9.19E-06				
26	427.67	3.73E-01	3.28E-01	1.24E-01	9.76E-01	-1.80E-01	-1.32E+00	1.33E+00	-6.26E-01	44.34	9.46E-01	7.74E-01	
	-9.33	5.28E-06	3.55E-06	-4.30E-06	7.51E-05	-1.39E-05	-1.02E-04	4.20E-05	-3.31E-05				
27	457.00	2.38E-02	5.69E-02	1.02E-02	6.94E-01	-1.18E-03	-7.68E-01	7.35E-01	-6.54E-01	45.68	2.38E-02	6.94E-01	
	-303.00	-9.77E-08	1.41E-06	-7.17E-07	6.31E-05	-1.07E-07	-6.98E-05	3.22E-05	-3.09E-05				
28	457.00	4.22E-02	3.06E-02	-3.38E-02	6.59E-01	-2.30E-02	-7.18E-01	6.96E-01	-6.23E-01	44.75	4.22E-02	6.59E-01	
	-213.00	1.41E-06	8.84E-07	-2.04E-06	5.99E-05	-2.09E-06	-6.53E-05	3.11E-05	-2.88E-05				
29	457.00	1.85E-01	5.70E-02	-9.11E-02	8.11E-01	-2.14E-02	-5.69E-01	6.35E-01	-3.94E-01	41.43	1.85E-01	5.11E-01	
	-138.00	3.41E-06	5.05E-07	-2.86E-06	2.32E-05	-9.74E-07	-2.58E-05	1.37E-05	-9.74E-06				
30	442.00	1.39E-01	3.35E-01	6.90E-02	9.12E-01	3.90E-03	-1.08E+00	1.15E+00	-6.80E-01	48.06	1.39E-01	9.12E-01	
	-68.00	-6.15E-07	6.92E-06	-3.32E-06	7.02E-05	3.00E-07	-8.31E-05	3.94E-05	-3.21E-05				
31	457.33	-1.09E+00	-5.41E-01	-7.57E-01	3.16E-01	4.78E-01	-5.52E-01	-3.97E-01	-1.23E+00	65.37	-5.41E-01	-3.16E-01	
	-88.00	-1.56E-05	5.38E-06	-2.93E-06	2.43E-05	3.68E-05	-4.24E-05	1.10E-05	-2.11E-05				
32	472.67	1.72E+00	1.35E+00	1.12E+00	7.96E-01	-3.26E-01	-1.35E+00	2.35E+00	7.15E-01	38.40	2.19E+00	4.87E-01	
	-68.00	2.01E-05	5.74E-06	-2.83E-06	6.13E-05	-2.51E-05	-1.04E-04	4.44E-05	-1.85E-05				
33	443.00	1.40E-01	8.67E-02	-8.95E-02	4.63E-01	-7.52E-02	-5.10E-01	5.78E-01	-3.51E-01	43.34	1.40E-01	4.63E-01	
	-19.50	3.89E-06	1.82E-06	-4.35E-06	3.56E-05	-5.79E-06	-3.93E-05	2.07E-05	-1.50E-05				
34	454.00	1.39E+00	1.02E+00	8.10E-01	1.22E+00	-3.76E-01	-1.65E+00	2.44E+00	-2.44E-02	40.61	1.88E+00	1.03E+00	
	-11.33	1.82E-05	3.75E-06	-4.24E-06	9.35E-05	-2.89E-05	-1.27E-04	5.83E-05	-3.63E-05				
35	461.67	2.67E-01	3.30E-01	8.72E-02	1.16E+00	-9.88E-02	-1.72E+00	1.46E+00	-8.58E-01	45.78	2.67E-01	1.16E+00	
	-12.00	2.75E-06	5.18E-06	-4.17E-06	8.90E-05	-7.60E-06	-1.32E-04	4.85E-05	-4.05E-05				
36	469.00	-8.86E-01	-3.72E-01	-6.66E-01	1.02E-01	4.15E-01	-6.71E-01	-3.53E-01	-9.05E-01	79.17	-3.72E-01	-1.02E-01	
	-30.00	-1.29E-05	6.32E-06	-4.47E-06	7.94E-06	3.19E-05	-5.16E-05	7.57E-06	-1.37E-05				
37	476.33	5.81E-01	8.01E-01	3.93E-01	7.84E-01	-1.06E-01	-1.40E+00	1.48E+00	-1.01E-01	48.98	8.97E-01	7.65E-01	
	-12.00	2.85E-06	1.13E-05	-4.40E-06	6.03E-05	-8.15E-06	-1.08E-04	3.75E-05	-2.34E-05				
38	558.50	-6.93E-02	-5.22E-02	-6.78E-02	6.62E-01	1.47E-02	-7.57E-01	6.01E-01	-7.23E-01	45.37	-6.93E-02	6.62E-01	
	-303.00	-6.92E-07	8.46E-08	-6.22E-07	6.02E-05	1.33E-06	-6.88E-05	2.98E-05	-3.04E-05				
39	558.50	-4.26E-03	4.13E-02	-3.65E-02	6.63E-01	2.69E-02	-7.43E-01	6.84E-01	-6.43E-01	46.07	-4.26E-03	6.63E-01	
	-213.00	-2.53E-07	2.00E-06	-1.72E-06	6.03E-05	2.45E-06	-6.76E-05	3.10E-05	-2.93E-05				
40	506.17	2.08E-02	1.42E-01	-9.75E-02	1.51E+00	9.24E-03	-1.60E+00	1.59E+00	-1.43E+00	46.15	2.08E-02	1.51E+00	
	-128.00	1.29E-07	2.89E-06	-2.56E-06	6.87E-05	4.20E-07	-7.29E-05	3.59E-05	-3.28E-05				
41	558.50	-3.75E-01	1.00E-01	-2.00E-01	6.23E-01	2.66E-01	-8.67E-01	5.29E-01	-8.04E-01	55.44	1.00E-01	-6.23E-01	
	-148.00	-6.03E-06	4.77E-06	-2.06E-06	2.83E-05	1.21E-05	-3.94E-05	1.45E-05	-1.58E-05				
42	610.83	4.66E-02	1.65E-01	-4.45E-02	1.30E+00	2.21E-01	-1.26E+00	1.41E+00	-1.19E+00	46.30	1.37E+00	-2.84E-01	
	-128.00	1.84E-07	2.87E-06	-1.89E-06	5.90E-05	1.00E-05	-5.72E-05	3.11E-05	-2.80E-05				
43	501.38	-1.25E-01	-7.79E-02	-2.07E-01	3.42E-01	8.65E-02	-4.44E-01	2.41E-01	-4.44E-01	46.95	-1.25E-01	3.42E-01	
	-78.00	-2.95E-07	1.50E-06	-3.45E-06	2.63E-05	6.65E-06	-3.42E-05	1.38E-05	-1.26E-05				
44	534.67	1.68E-01	1.35E-01	1.95E-02	1.04E+00	4.51E-02	-1.28E+00	1.22E+00	-9.13E-01	44.55	1.20E+00	-2.01E-01	
	-68.00	2.93E-06	1.64E-06	-2.80E-06	8.19E-05	3.47E-06	-9.83E-05	4.32E-05	-3.87E-05				
45	584.67	-2.22E-01	-1.35E-01	-2.36E-01	1.06E+00	2.10E-01	-1.04E+00	8.92E-01	-1.24E+00	46.17	-2.22E-01	1.06E+00	
	-68.00	-2.01E-06	1.32E-06	-2.56E-06	9.15E-05	1.62E-05	-7.97E-05	4.04E-05	-4.11E-05				
46	610.83	-1.06E+00	-3.15E-01	-6.00E-01	5.60E-01	4.79E-01	-7.95E-01	-1.48E-02	-1.36E+00	61.80	-3.15E-01	-5.60E-01	
	-88.00	-1.91E-05	9.58E-06	-1.38E-06	4.31E-05	3.69E-05	-6.12E-05	2.11E-05	-3.06E-05				
47	482.63	-8.65E-02	-2.76E-02	-2.32E-01	2.52E-01	1.19E-01	-5.03E-01	1.97E-01	-3.11E-01	48.33	-8.65E-02	2.52E-01	
	-21.00	4.74E-07	2.74E-06	-5.11E-06	1.94E-05	9.14E-06	-3.67E-05	1.14E-05	-8.16E-06				
48	485.83	1.85E-01	2.93E-01	4.19E-02	7.49E-01	1.60E-02	-1.55E+00	9.90E-01	-5.12E-01	47.06	2.82E-01	7.50E-01	

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	-12.00	1.41E-06	5.55E-06	-4.10E-06	5.74E-05	1.23E-05	-1.10E-04	3.24E-05	-2.54E-05				
49	507.00	-4.50E-02	-3.70E-02	-2.23E-01	3.75E-01	5.42E-02	-5.32E-01	2.07E-01	-3.49E-01	42.31	-4.50E-02	2.76E-01	
	-21.00	2.34E-06	3.35E-07	-4.71E-06	2.13E-05	4.17E-06	-4.15E-05	1.20E-05	-9.34E-06				
50	538.67	1.53E-01	4.54E-02	-3.01E-02	9.49E-01	3.10E-01	-1.15E+00	1.07E+00	-8.70E-01	43.41	1.06E+00	-1.47E-01	
	-10.00	4.12E-06	-1.37E-08	-3.22E-06	7.44E-05	2.39E-05	-8.87E-05	3.93E-05	-3.52E-05				
51	464.57	-3.29E+00	-2.30E+00	-2.45E+00	-8.11E-02	2.37E-01	-1.70E-01	-2.29E+00	-3.30E+00	-85.36	-2.30E+00	8.11E-02	
	8.00	-3.82E-05	4.47E-09	-4.00E-06	-6.24E-06	1.83E-05	-1.31E-05	2.58E-07	-3.84E-05				
52	507.00	8.00E-01	9.74E-01	5.27E-01	5.49E-01	1.38E-01	3.40E-01	1.44E+00	3.33E-01	49.59	1.32E+00	3.47E-01	
	5.00	5.45E-06	1.22E-05	-5.04E-06	4.22E-05	1.06E-05	2.62E-05	3.02E-05	-1.25E-05				
53	603.00	1.06E-02	-4.78E-02	-8.62E-02	4.17E-01	1.27E-01	-3.93E-01	3.95E-01	-4.41E-01	43.29	-2.63E-01	3.41E-01	
	-18.00	1.53E-06	-3.87E-07	-1.96E-06	3.21E-05	9.74E-06	-3.03E-05	1.66E-05	-1.55E-05				
54	712.00	-5.53E-02	3.49E-03	-4.26E-02	6.40E-01	4.56E-02	-6.75E-01	6.01E-01	-6.82E-01	46.98	-8.53E-02	6.40E-01	
	-303.00	-2.26E-06	1.77E-06	-3.21E-07	5.82E-05	4.14E-06	-6.13E-05	2.89E-05	-2.94E-05				
55	712.00	-3.61E-01	-2.34E-01	-2.55E-01	7.09E-01	1.43E-01	-6.70E-01	4.14E-01	-1.01E+00	47.55	-3.61E-01	7.09E-01	
	-213.00	-5.37E-06	3.96E-07	-5.53E-07	6.44E-05	1.30E-05	-6.09E-05	2.99E-05	-3.48E-05				
56	712.00	-4.10E-01	-2.73E-01	-2.31E-01	5.49E-01	3.68E-01	-5.44E-01	2.12E-01	-8.95E-01	48.54	-4.10E-01	5.49E-01	
	-138.00	-4.52E-06	-1.42E-06	-4.50E-07	2.50E-05	1.40E-05	-2.47E-05	9.61E-06	-1.56E-05				
57	712.00	-1.31E-01	-4.86E-02	-8.93E-02	3.39E-01	1.19E-01	-3.69E-01	2.52E-01	-4.31E-01	48.48	-1.31E-01	3.39E-01	
	-78.00	-2.09E-06	1.09E-06	-4.77E-07	2.61E-05	9.18E-06	-2.84E-05	1.26E-05	-1.36E-05				
58	712.00	-1.68E-01	-1.46E-01	-1.45E-01	4.63E-01	9.83E-02	-4.93E-01	3.06E-01	-6.20E-01	45.66	-1.68E-01	4.63E-01	
	-18.00	-1.41E-06	-5.87E-07	-5.28E-07	3.56E-05	7.56E-06	-3.80E-05	1.68E-05	-1.86E-05				
59	837.00	-1.05E+00	-1.04E+00	-1.16E+00	5.42E-01	3.62E-01	-6.03E-01	-7.70E-01	-2.12E+00	63.29	-1.04E+00	-5.42E-01	
	-318.00	-3.14E-05	5.15E-06	.00E+00	4.93E-05	3.29E-05	-5.49E-05	1.75E-05	-4.38E-05				
60	887.00	-2.79E-01	-7.59E-02	-1.42E-01	1.46E+00	1.15E-01	-1.43E+00	1.29E+00	-1.64E+00	46.99	1.16E+00	-5.97E-01	
	-288.00	-6.22E-06	3.00E-06	.00E+00	1.33E-04	1.05E-05	-1.30E-04	6.49E-05	-6.81E-05				
61	987.00	3.09E-01	1.69E-01	1.91E-01	1.50E+00	-1.08E-01	-1.41E+00	1.74E+00	-1.26E+00	43.67	3.08E-01	1.50E+00	
	-288.00	5.33E-06	-9.86E-07	.00E+00	1.36E-04	-9.79E-06	-1.29E-04	7.04E-05	-6.60E-05				
62	1037.00	-1.91E+00	-1.19E+00	-1.24E+00	1.11E+00	3.55E-01	-1.18E+00	-3.82E-01	-2.72E+00	54.00	-1.19E+00	-1.11E+00	
	-318.00	-3.05E-05	2.32E-06	.00E+00	1.01E-04	3.22E-05	-1.07E-04	3.90E-05	-6.73E-05				
63	862.00	-6.31E-02	-6.55E-02	-4.44E-02	7.40E-01	1.33E-02	-7.47E-01	6.76E-01	-8.05E-01	44.95	-6.31E-02	7.40E-01	
	-213.00	-6.21E-07	-7.30E-07	2.27E-07	6.73E-05	1.21E-06	-6.79E-05	3.30E-05	-3.43E-05				
64	1012.00	7.30E-02	1.88E-02	3.94E-02	8.07E-01	-4.35E-02	-8.02E-01	8.54E-01	-7.62E-01	44.04	7.30E-02	8.07E-01	
	-213.00	1.61E-06	-9.50E-07	8.75E-08	7.34E-05	-3.95E-06	-7.29E-05	3.71E-05	-3.63E-05				
65	837.00	1.71E-01	-9.35E-02	3.02E-02	5.52E-01	-2.08E-01	-7.38E-01	6.06E-01	-5.29E-01	38.27	-9.35E-02	-5.52E-01	
	-148.00	3.32E-06	-2.69E-06	1.22E-07	2.51E-05	-9.44E-06	-3.36E-05	1.32E-05	-1.26E-05				
66	937.00	-5.42E-02	-6.85E-02	-3.06E-02	1.01E+00	-3.52E-03	-9.73E-01	9.48E-01	-1.07E+00	44.80	6.30E-01	-7.36E-01	
	-128.00	-4.28E-07	-7.53E-07	1.09E-07	4.59E-05	-1.60E-07	-4.42E-05	2.24E-05	-2.35E-05				
67	1037.00	-8.40E-01	-2.12E-01	-3.13E-01	9.45E-01	2.64E-01	-9.90E-01	4.56E-01	-1.53E+00	54.32	-2.12E-01	-9.45E-01	
	-148.00	-1.21E-05	2.39E-06	9.14E-08	4.29E-05	1.20E-05	-4.50E-05	1.76E-05	-2.75E-05				
68	837.00	-2.22E-01	-2.65E-01	-1.85E-01	1.10E+00	2.66E-02	-1.15E+00	8.55E-01	-1.34E+00	44.45	-2.22E-01	1.10E+00	
	-68.00	-1.16E-06	-2.80E-06	2.64E-07	8.45E-05	2.05E-06	-8.82E-05	4.03E-05	-4.42E-05				
69	937.00	-3.00E-01	-2.84E-02	-1.28E-01	5.28E-01	6.32E-02	-4.90E-01	3.81E-01	-7.09E-01	52.22	-2.84E-02	-5.28E-01	
	-88.00	-6.53E-06	3.53E-06	8.27E-08	4.06E-05	4.86E-06	-3.77E-05	1.97E-05	-2.23E-05				
70	1037.00	-1.74E-01	-8.24E-02	-9.99E-02	9.06E-01	1.93E-02	-8.81E-01	7.79E-01	-1.04E+00	46.45	5.30E-01	-6.25E-01	
	-68.00	-2.78E-06	7.45E-07	7.48E-08	6.97E-05	1.49E-06	-6.78E-05	3.39E-05	-3.59E-05				
71	862.00	-2.02E-01	-1.65E-01	-1.40E-01	4.49E-01	4.57E-02	-4.60E-01	2.66E-01	-6.33E-01	46.17	-2.02E-01	4.49E-01	
	-18.00	-2.19E-06	-7.80E-07	1.86E-07	3.45E-05	3.52E-06	-3.54E-05	1.58E-05	-1.88E-05				
72	1012.00	1.12E-02	3.22E-02	2.60E-02	4.89E-01	-4.79E-03	-4.69E-01	5.11E-01	-4.66E-01	45.61	1.12E-02	4.89E-01	
	-18.00	-3.31E-07	4.76E-07	2.36E-07	3.76E-05	-3.68E-07	-3.61E-05	1.89E-05	-1.88E-05				
73	1387.00	8.77E-02	7.89E-02	6.47E-02	6.31E-01	-8.61E-03	-6.53E-01	7.14E-01	-5.48E-01	44.80	8.77E-02	6.31E-01	
	-303.00	9.83E-07	5.81E-07	-6.22E-08	5.74E-05	-7.82E-07	-5.94E-05	2.95E-05	-2.79E-05				
74	1387.00	-4.97E-03	-5.30E-02	-2.43E-02	6.54E-01	-7.81E-03	-6.25E-01	6.26E-01	-6.94E-01	43.95	-4.97E-03	6.54E-01	
	-213.00	8.43E-07	-1.34E-06	-3.73E-08	5.95E-05	-7.10E-07	-5.68E-05	2.95E-05	-3.00E-05				
75	1387.00	-3.29E-03	3.97E-03	4.67E-03	4.78E-01	2.17E-03	-4.43E-01	4.78E-01	-4.76E-01	45.22	-3.29E-03	4.78E-01	
	-138.00	-1.03E-07	6.21E-08	7.31E-08	2.17E-05	9.87E-08	-2.01E-05	1.08E-05	-1.09E-05				
76	1187.00	-7.62E-02	-4.35E-02	-5.36E-02	7.89E-01	1.81E-02	-7.36E-01	7.19E-01	-8.59E-01	45.23	-7.62E-02	7.89E-01	
	-68.00	-8.03E-07	-3.26E-07	6.53E-08	6.07E-05	1.39E-06	-5.66E-05	2.98E-05	-3.09E-05				
77	1387.00	-1.57E-01	-1.41E-01	-1.13E-01	3.31E-01	2.24E-02	-3.05E-01	1.82E-01	-4.80E-01	45.69	-1.41E-01	-3.31E-01	
	-88.00	-1.61E-06	-9.64E-07	1.57E-07	2.54E-05	1.72E-06	-2.35E-05	1.15E-05	-1.39E-05				
78	1587.00	-1.31E-01	-1.11E-01	-9.19E-02	4.72E-01	2.26E-02	-3.66E-01	3.51E-01	-5.93E-01	45.61	6.96E-02	-4.32E-01	
	-68.00	-1.37E-06	-4.03E-07	1.37E-07	3.63E-05	1.74E-06	-2.81E-05	1.72E-05	-1.91E-05				
79	1237	-2.39E-01	-1.11E-01	-1.31E-01	3.80E-01	5.53E-02	[illegible]7E-01	2.10E-01	-5.60E-01	49.77	-2.39E-01	3.8[illegible]	
	-18	-3.69E-06	1.02E-06	2.37E-07	2.92E-05	4.25E-06	[illegible]1E-05	1.34E-05	-1.63E-05				
80	1433	-1.48E-01	-1.43E-02	-5.80E-02	4.43E-01	5.40E-02	[illegible]5E-01	3.67E-01	-5.30E-01	49.30	-1.48E-01	4.[illegible]	

	.14026E-01	.30355E-03	-.15763E-01	.00000E+00
	.15747E-01	.33205E-03	-.17289E-01	.00000E+00
	.16055E-01	.33570E-03	-.17989E-01	.17865E-05
54	.12344E-01	.13777E-03	-.13137E-01	.00000E+00
55	.13266E-01	.32525E-03	-.14696E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.47143E-02	.44313E-03	-.49377E-02	.00000E+00
58	.10176E-01	.24346E-03	-.96831E-02	.00000E+00
59	.16125E-01	.26593E-03	-.16894E-01	.00000E+00
60	.15300E-01	.37045E-03	-.16963E-01	.00000E+00
61	.15321E-01	.47133E-03	-.18063E-01	-.53767E-04
62	.11019E-01	.82154E-04	-.11695E-01	.00000E+00
63	.13666E-01	.25325E-04	-.13575E-01	.00000E+00
64	.16076E-01	.37496E-03	-.17529E-01	.00000E+00
65	.15502E-01	.47199E-03	-.18109E-01	-.66578E-04
66	.15951E-01	.47449E-03	-.18200E-01	-.80629E-04
67	.16434E-01	.47538E-03	-.18299E-01	-.76749E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.37811E-02	-.96587E-04	-.33683E-02	.00000E+00
70	.10923E-01	-.84222E-05	-.10820E-01	.00000E+00
71	.15706E-01	.14189E-04	-.15904E-01	.00000E+00
72	.16530E-01	.33556E-03	-.17666E-01	.00000E+00
73	.13491E-01	.26109E-04	-.13226E-01	.00000E+00
74	.17547E-01	.35129E-03	-.19402E-01	.00000E+00
75	.16844E-01	.47700E-03	-.18387E-01	-.58237E-04
76	.17392E-01	.49296E-03	-.18537E-01	-.40480E-04
77	.15424E-01	-.54327E-04	-.15140E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.45804E-02	.10460E-03	-.48361E-02	.00000E+00
80	.10607E-01	-.13559E-03	-.10513E-01	.00000E+00
81	.11790E-01	-.12913E-03	-.11713E-01	.00000E+00
82	.13075E-01	-.18541E-03	-.12993E-01	.00000E+00
83	.17763E-01	.29412E-04	-.17749E-01	.00000E+00
84	.17058E-01	-.49146E-04	-.16999E-01	.00000E+00
85	.18011E-01	.49377E-03	-.18743E-01	-.32255E-04
86	.18189E-01	.35223E-03	-.18767E-01	.00000E+00
87	.15741E-01	-.45884E-04	-.15414E-01	.00000E+00
88	.18310E-01	.30421E-03	-.18524E-01	.00000E+00
89	.18435E-01	.52286E-03	-.18930E-01	-.25971E-04
90	.12834E-01	-.36159E-04	-.12556E-01	.00000E+00
91	.13646E-01	-.53791E-04	-.13159E-01	.00000E+00
92	.14527E-01	.18312E-03	-.13754E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.57605E-02	.00000E+00	-.58496E-02	.00000E+00
95	.10439E-01	.00000E+00	-.10395E-01	.00000E+00
96	.11836E-01	.00000E+00	-.11618E-01	.00000E+00
97	.12422E-01	.00000E+00	-.11993E-01	.00000E+00
98	.12321E-01	.00000E+00	-.11888E-01	.00000E+00
99	.13185E-01	.11157E-03	-.12549E-01	.00000E+00
100	.15560E-01	.21060E-03	-.14346E-01	.00000E+00
101	.19092E-01	.34762E-03	-.17492E-01	.00000E+00
102	.19094E-01	.54556E-03	-.19212E-01	-.23361E-04
103	.19668E-01	.19533E-03	-.19676E-01	.00000E+00
104	.19357E-01	.45363E-03	-.19445E-01	.00000E+00
105	.19555E-01	.56651E-03	-.19448E-01	-.20423E-04
106	.19416E-01	.20320E-03	-.19586E-01	.00000E+00
107	.20152E-01	.52348E-03	-.19974E-01	.00000E+00
108	.20091E-01	.58358E-03	-.19691E-01	-.19566E-04
109	.20477E-01	.59113E-03	-.19861E-01	-.16502E-04
110	.20439E-01	.83359E-03	-.20500E-01	.00000E+00
111	.20299E-01	.69595E-03	-.20654E-01	.00000E+00
112	.20295E-01	.61549E-03	-.20031E-01	-.14796E-04
113	.20460E-01	.67736E-03	-.20585E-01	.00000E+00
114	.21131E-01	.60299E-03	-.20132E-01	-.60292E-05

115	.21227E-01	.61504E-03	-.20226E-01	-.24027E-05
116	.21264E-01	.50376E-03	-.20251E-01	-.64524E-06
117	.21144E-01	.70119E-03	-.20815E-01	.00000E+00
118	.21254E-01	.60264E-03	-.20266E-01	.69260E-06
119	.21232E-01	.59163E-03	-.20279E-01	.24234E-05
120	.21279E-01	.71974E-03	-.20824E-01	.00000E+00
121	.21141E-01	.58016E-03	-.20253E-01	.59077E-05
122	.21129E-01	.52310E-03	-.20270E-01	.77800E-05
123	.21109E-01	.47529E-03	-.20292E-01	.92565E-05
124	.21095E-01	.41446E-03	-.20294E-01	.10973E-04
125	.21051E-01	.34147E-03	-.20306E-01	.13058E-04
126	.20983E-01	.19475E-03	-.20327E-01	.15673E-04
127	.20904E-01	.32063E-04	-.20346E-01	.16372E-04
128	.20745E-01	-.30345E-03	-.20387E-01	.13843E-04
129	.20646E-01	-.54757E-03	-.20423E-01	.93996E-05
130	.20583E-01	-.73369E-03	-.20463E-01	.40274E-05
131	.20592E-01	-.76077E-03	-.20524E-01	-.20960E-05
132	.20630E-01	-.61508E-03	-.20579E-01	-.37806E-05
133	.20674E-01	-.46268E-03	-.20627E-01	-.30462E-05
134	.20701E-01	-.35072E-03	-.20666E-01	-.22350E-05
135	.20719E-01	-.26320E-03	-.20698E-01	-.19043E-05
136	.20731E-01	-.18046E-03	-.20721E-01	-.19224E-05
137	.20738E-01	-.10126E-03	-.20735E-01	-.18469E-05
138	.20743E-01	-.15755E-04	-.20743E-01	-.20410E-05
139	.20743E-01	-.19205E-05	-.20743E-01	-.19329E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1000E+00

ELM	P-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.79E-03	1.30E-02	-6.29E-03	6.67E-01	2.64E-03	-6.77E-01	6.75E-01	-6.59E-01	45.22	2.79E-03	6.67E-01
	-303.00	3.70E-08	4.67E-07	-4.09E-07	6.07E-05	2.40E-07	-6.16E-05	3.06E-05	-3.01E-05			
2	72.00	1.32E-02	2.12E-02	-2.10E-02	5.77E-01	-1.58E-03	-5.94E-01	5.94E-01	-5.60E-01	45.20	1.32E-02	5.77E-01
	-213.00	4.27E-07	7.89E-07	-1.13E-06	5.24E-05	-1.44E-07	-5.40E-05	2.68E-05	-2.56E-05			
3	72.00	1.09E-01	2.59E-02	-4.20E-02	4.00E-01	-4.71E-02	-4.34E-01	4.69E-01	-3.34E-01	42.02	1.09E-01	4.00E-01
	-138.00	1.99E-06	9.93E-08	-1.44E-06	1.82E-05	-2.14E-06	-1.97E-05	3.02E-05	-8.08E-06			
4	24.00	5.14E-01	2.76E-01	3.57E-01	7.69E-01	-1.42E-01	-6.58E-01	1.17E+00	-3.83E-01	40.62	5.14E-01	7.69E-01
	-68.00	7.15E-06	-1.98E-06	1.13E-06	5.92E-05	-1.09E-05	-6.60E-05	3.25E-05	-2.73E-05			
5	72.00	-1.51E-01	-8.84E-02	-2.15E-01	3.30E-01	2.33E-03	-3.43E-01	2.12E-01	-4.52E-01	47.71	-8.84E-02	-3.30E-01
	-98.00	-8.21E-07	1.59E-06	-3.27E-06	2.54E-05	1.79E-07	-2.64E-05	1.31E-05	-1.24E-05			
6	120.00	-7.84E-02	-7.36E-02	-1.32E-01	6.53E-01	3.49E-02	-6.32E-01	5.77E-01	-7.29E-01	45.10	5.67E-01	-1.15E-01
	-68.00	1.08E-07	2.92E-07	-1.96E-06	5.02E-05	2.69E-06	-4.86E-05	2.53E-05	-2.49E-05			
7	36.25	1.88E-01	7.44E-02	4.02E-02	3.80E-01	-5.06E-02	-3.64E-01	5.16E-01	-2.53E-01	40.74	1.75E-01	3.82E-01
	-18.00	3.91E-06	-4.68E-07	-1.78E-06	2.92E-05	-3.89E-06	-2.80E-05	1.65E-05	-1.31E-05			
8	108.00	-2.16E-02	-4.04E-02	-7.84E-02	2.98E-01	-1.50E-03	-3.21E-01	2.68E-01	-3.30E-01	44.10	-2.16E-02	2.98E-01
	-18.00	7.12E-07	-1.01E-08	-1.47E-06	2.30E-05	-1.15E-07	-2.47E-05	1.18E-05	-1.11E-05			
9	216.00	2.31E-02	2.87E-02	6.36E-03	6.72E-01	-7.16E-03	-6.98E-01	6.98E-01	-6.46E-01	45.12	2.31E-02	6.72E-01
	-303.00	2.93E-07	5.51E-07	-4.66E-07	6.11E-05	-6.51E-07	-6.35E-05	3.10E-05	-3.01E-05			
10	216.00	4.24E-02	3.16E-02	-1.50E-02	5.94E-01	-2.29E-02	-6.25E-01	6.31E-01	-5.57E-01	44.74	4.24E-02	5.94E-01
	-213.00	1.16E-06	6.69E-07	-1.45E-06	5.40E-05	-2.08E-06	-5.68E-05	2.79E-05	-2.61E-05			
11	216.00	9.60E-02	2.77E-02	-8.42E-02	4.72E-01	-7.00E-02	-5.10E-01	5.35E-01	-4.12E-01	42.93	9.60E-02	4.72E-01
	-138.00	1.97E-06	4.23E-07	-2.12E-06	2.15E-05	-3.18E-06	-2.32E-05	1.20E-05	-9.56E-06			
12	168.00	2.13E-01	1.63E-01	1.01E-01	7.40E-01	-1.21E-01	-7.83E-01	9.31E-01	-5.50E-01	44.14	2.13E-01	7.40E-01
	-68.00	2.88E-06	1.17E-06	-1.40E-06	5.69E-05	-9.27E-06	-6.02E-05	3.05E-05	-2.65E-05			
13	216.00	-1.99E-01	-9.14E-02	-2.39E-01	2.92E-01	-2.72E-02	-2.90E-01	1.58E-01	-4.36E-01	50.69	-8.14E-02	-2.92E-01
	-88.00	-1.95E-06	2.57E-06	-3.47E-06	2.25E-05	-2.09E-06	-2.23E-05	1.18E-05	-1.11E-05			
14	264.00	-4.01E-03	-6.50E-02	-1.31E-01	6.32E-01	9.18E-03	-6.37E-01	5.98E-01	-6.67E-01	43.62	5.81E-01	-1.44E-01
	-68.00	2.05E-06	-3.02E-07	-2.04E-06	4.86E-05	7.07E-07	-4.90E-05	2.52E-05	-2.35E-05			
15	180.00	7.46E-02	1.50E-02	-4.73E-02	3.29E-01	-8.12E-02	-3.19E-01	3.75E-01	-2.85E-01	42.41	7.46E-02	3.29E-01
	-18.00	2.41E-06	1.12E-07	-2.28E-06	2.53E-05	-6.25E-06	[illegible]5E-05	1.35E-05	-1.14E-05			
16	252.00	3.16E-02	-2.00E-02	-1.07E-01	2.82E-01	-3.32E-02	[illegible]5E-01	2.85E-01	-2.82E-01	41.94	3.16E-02	2.[illegible]

1000	[illegible].000000	-.309120
1001	[illegible].000000	-.309120

PERCENTAGE MODAL PARTICIPATION FACTORS

MODES	MODAL PARTICIPATION
1	.69631E+02
2	.19398E+02
3	.10971E+02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.54557E-02	.36161E-04	-.54907E-02	.00000E+00
3	.10111E-01	.11377E-03	-.10117E-01	.00000E+00
4	.11032E-01	.10751E-03	-.11005E-01	.00000E+00
5	.11993E-01	.89601E-05	-.11998E-01	.00000E+00
6	.13738E-01	-.31397E-05	-.13785E-01	.20116E-05
7	.12508E-01	.19209E-03	-.12705E-01	.00000E+00
8	.13834E-01	.15234E-03	-.13892E-01	.48324E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.54568E-02	.47159E-04	-.55395E-02	.00000E+00
11	.10233E-01	.11320E-03	-.10435E-01	.00000E+00
12	.11485E-01	.12337E-03	-.11720E-01	.00000E+00
13	.12516E-01	.10527E-03	-.12653E-01	.00000E+00
14	.13929E-01	.14384E-03	-.14173E-01	.94943E-06
15	.12723E-01	.24490E-03	-.13421E-01	.00000E+00
16	.14068E-01	.21331E-03	-.14633E-01	-.67827E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.55411E-02	.51331E-04	-.58614E-02	.00000E+00
19	.10483E-01	.10748E-03	-.11127E-01	.00000E+00
20	.11804E-01	.14204E-03	-.12554E-01	.00000E+00
21	.12870E-01	.81549E-04	-.13575E-01	.00000E+00
22	.14260E-01	.11060E-03	-.15274E-01	-.25509E-06
23	.13280E-01	.31769E-03	-.14900E-01	.00000E+00
24	.14496E-01	.27074E-03	-.16111E-01	.41708E-05
25	.14657E-01	.37582E-03	-.16644E-01	-.23106E-06
26	.14752E-01	.33711E-03	-.16957E-01	-.30492E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.56187E-02	.93950E-04	-.62317E-02	.00000E+00
29	.10830E-01	.18376E-03	-.11960E-01	.00000E+00
30	.12144E-01	.21240E-03	-.13610E-01	.00000E+00
31	.13300E-01	.28320E-03	-.15237E-01	.00000E+00
32	.14852E-01	.36316E-03	-.17302E-01	.11128E-04
33	.13384E-01	.47373E-03	-.15310E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.56097E-02	.15312E-03	-.63076E-02	.00000E+00
36	.10969E-01	.22924E-03	-.12264E-01	.00000E+00
37	.12319E-01	.26015E-03	-.13658E-01	.00000E+00
38	.13826E-01	.32566E-03	-.15924E-01	.00000E+00
39	.15026E-01	.50789E-03	-.17896E-01	-.96900E-05
40	.14095E-01	.57135E-03	-.17758E-01	-.22381E-05
41	.14765E-01	.56480E-03	-.17629E-01	.31198E-05
42	.14920E-01	.49398E-03	-.17483E-01	.85270E-05
43	.13329E-01	.33779E-03	-.13826E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.53923E-02	-.14389E-03	-.60841E-02	.00000E+00
46	.11107E-01	.14703E-03	-.12260E-01	.00000E+00
47	.15042E-01	.43285E-03	-.17952E-01	-.82372E-05
48	.15037E-01	.46499E-03	-.17942E-01	-.12897E-04
49	.13317E-01	[illegible]	[illegible]	.00000E+00
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394	3.930000	-7.766640
395	3.940000	-6.143760
396	3.950000	-4.366320
397	3.960000	-3.632160
398	3.970000	-2.975280
399	3.980000	-2.588880
400	3.990000	-3.670800
401	4.000000	-4.714080
402	4.010000	-5.023200
403	4.020000	-5.293680
404	4.030000	-6.491520
405	4.040000	-7.187040
406	4.050000	-5.796000
407	4.060000	-5.718720
408	4.070000	-6.568800
409	4.080000	-6.877920
410	4.090000	-8.307600
411	4.100000	-8.925840
412	4.110000	-8.539440
413	4.120000	-7.892560
414	4.130000	-7.109760
415	4.140000	-7.805280
416	4.150000	-7.612080
417	4.160000	-6.027840
418	4.170000	-4.018560
419	4.180000	-.966000
420	4.190000	1.932000
421	4.200000	3.902640
422	4.210000	4.520880
423	4.220000	4.508160

424	4.230000	4.211760
425	4.240000	3.1[illegible]480
426	4.250000	3.616240
427	4.260000	4.095840
428	4.270000	4.630000
429	4.280000	6.208320
430	4.290000	4.027840
431	4.300000	6.105120
432	4.310000	6.182400
433	4.320000	5.752720
434	4.330000	3.670800
435	4.340000	2.241120
436	4.350000	.502320
437	4.360000	-2.009280
438	4.370000	-4.675440
439	4.380000	-5.216400
440	4.390000	-6.298320
441	4.400000	-7.187040
442	4.410000	-5.449240
443	4.420000	-3.207120
444	4.430000	-.386400
445	4.440000	3.158480
446	4.450000	6.336960
447	4.460000	8.887200
448	4.470000	10.780560
449	4.480000	12.171600
450	4.490000	12.867120
451	4.500000	13.369440
452	4.510000	12.944400
453	4.520000	11.630640
454	4.530000	10.626000
455	4.540000	9.273600
456	4.550000	7.955840
457	4.560000	6.259680
458	4.570000	4.327680
459	4.580000	3.786720
460	4.590000	3.168480
461	4.600000	2.241120
462	4.610000	.772800
463	4.620000	-.850080
464	4.630000	-1.159200
465	4.640000	-2.241120
466	4.650000	-1.970640
467	4.660000	12.635280
468	4.670000	.772800
469	4.680000	2.279760
470	4.690000	2.627520
471	4.700000	.850080
472	4.710000	.618240
473	4.720000	-.540960
474	4.730000	-2.047920
475	4.740000	-2.550240
476	4.750000	-4.714080
477	4.760000	-6.955200
478	4.770000	-8.423520
479	4.780000	-9.196320
480	4.790000	-8.964480
481	4.800000	-9.339520
482	4.810000	-10.548720
483	4.820000	-12.132960
484	4.830000	-12.983040
485	4.840000	-11.592000
486	4.850000	-9.775920
487	4.860000	-7.766640

232	2.310000	-11.553360
233	2.320000	-10.587360
234	2.330000	-9.779920
235	2.340000	-9.312240
236	2.350000	-6.900640
237	2.360000	-4.520880
238	2.370000	-2.318400
239	2.380000	.772800
240	2.390000	1.777440
241	2.400000	2.472960
242	2.410000	2.434320
243	2.420000	.888720
244	2.430000	1.120560
245	2.440000	1.313760
246	2.450000	1.197840
247	2.460000	2.357040
248	2.470000	2.125200
249	2.480000	1.236480
250	2.490000	1.352400
251	2.500000	.463680
252	2.510000	-.772800
253	2.520000	-.888720
254	2.530000	-1.197840
255	2.540000	-2.086560
256	2.550000	-2.279760
257	2.560000	-2.820720
258	2.570000	-4.018560
259	2.580000	-4.239040
260	2.590000	-3.979920
261	2.600000	-3.864000
262	2.610000	-2.782080
263	2.620000	-.966000
264	2.630000	11.205600
265	2.640000	1.159200
266	2.650000	1.932000
267	2.660000	1.468320
268	2.670000	1.506960
269	2.680000	.579600
270	2.690000	-.540960
271	2.700000	1.275120
272	2.710000	2.395680
273	2.720000	3.323040
274	2.730000	5.255040
275	2.740000	3.941280
276	2.750000	1.700160
277	2.760000	.154560
278	2.770000	-2.357040
279	2.780000	-3.864000
280	2.790000	-4.752720
281	2.800000	-4.752720
282	2.810000	-4.018560
283	2.820000	-3.979920
284	2.830000	-3.516240
285	2.840000	-2.659360
286	2.850000	-2.069280
287	2.860000	.309120
288	2.870000	2.627520
289	2.880000	5.564160
290	2.890000	6.800640
291	2.900000	6.491520
292	2.910000	5.950560
293	2.920000	4.134480
294	2.930000	1.816080
295	2.940000	.154200

296	2.950000	-.556880
297	2.960000	-1.448320
298	2.970000	-2.472000
299	2.980000	-3.207120
300	2.990000	-2.241120
301	3.000000	-1.448320
302	3.010000	-.695520
303	3.020000	-.154560
304	3.030000	.540960
305	3.040000	.888720
306	3.050000	10.507360
307	3.060000	-.695520
308	3.070000	-.772800
309	3.080000	.231840
310	3.090000	1.738800
311	3.100000	2.588880
312	3.110000	4.559520
313	3.120000	5.602800
314	3.130000	3.825360
315	3.140000	3.323040
316	3.150000	2.511600
317	3.160000	.193200
318	3.170000	.772800
319	3.180000	1.313760
320	3.190000	10.355520
321	3.200000	.193200
322	3.210000	13.510400
323	3.220000	-.502320
324	3.230000	.772800
325	3.240000	3.632160
326	3.250000	6.027840
327	3.260000	7.805280
328	3.270000	10.085040
329	3.280000	11.012400
330	3.290000	10.626000
331	3.300000	10.123680
332	3.310000	8.191680
333	3.320000	6.105120
334	3.330000	4.559520
335	3.340000	3.207120
336	3.350000	2.434320
337	3.360000	1.700160
338	3.370000	1.661520
339	3.380000	1.120560
340	3.390000	1.043280
341	3.400000	2.820720
342	3.410000	3.179840
343	3.420000	2.395680
344	3.430000	2.318400
345	3.440000	3.361680
346	3.450000	5.023200
347	3.460000	4.868640
348	3.470000	4.559520
349	3.480000	3.748080
350	3.490000	1.506960
351	3.500000	.193200
352	3.510000	-2.279760
353	3.520000	-3.593520
354	3.530000	-1.970640
355	3.540000	-.888720
356	3.550000	.888720
357	3.560000	2.202480
358	3.570000	2.359360
359	3.580000	4.945920

104	[illegible]30000	5.177760
105	[illegible]040000	4.011560
106	1.050000	3.553520
107	1.060000	4.293040
108	1.070000	6.037840
109	1.080000	8.935840
110	1.090000	10.806480
111	1.100000	10.780560
112	1.110000	9.424160
113	1.120000	7.225680
114	1.130000	3.941280
115	1.140000	.850080
116	1.150000	-.527360
117	1.160000	-3.361680
118	1.170000	-5.950560
119	1.180000	-6.105120
120	1.190000	-5.332320
121	1.200000	-4.366320
122	1.210000	-3.593520
123	1.220000	-3.979920
124	1.230000	-3.709440
125	1.240000	-3.477600
126	1.250000	-3.207120
127	1.260000	-1.313760
128	1.270000	18.804960
129	1.280000	1.004640
130	1.290000	2.047920
131	1.300000	2.395680
132	1.310000	2.163840
133	1.320000	.734160
134	1.330000	-.772800
135	1.340000	-1.506960
136	1.350000	-2.163840
137	1.360000	-2.279760
138	1.370000	-1.932000
139	1.380000	-.540960
140	1.390000	1.352400
141	1.400000	1.777440
142	1.410000	1.429680
143	1.420000	.850080
144	1.430000	-.463680
145	1.440000	-1.738800
146	1.450000	-2.434320
147	1.460000	-2.936640
148	1.470000	-3.748080
149	1.480000	-3.748080
150	1.490000	-2.936640
151	1.500000	-3.091200
152	1.510000	-3.361680
153	1.520000	-4.211760
154	1.530000	-6.977920
155	1.540000	-9.930480
156	1.550000	-12.789840
157	1.560000	-15.262800
158	1.570000	-15.494640
159	1.580000	-13.949040
160	1.590000	-11.746560
161	1.600000	-8.075760
162	1.610000	-3.091200
163	1.620000	1.854720
164	1.630000	5.589200
165	1.640000	8.384880
166	1.650000	9.389520
167	1.660000	9.737280

168	1.670000	6.224960
169	1.680000	6.771280
170	1.690000	8.731280
171	1.700000	8.245560
172	1.710000	6.153040
173	1.720000	4.993840
174	1.730000	6.452180
175	1.740000	4.907280
176	1.750000	2.998000
177	1.760000	1.651520
178	1.770000	-1.391040
179	1.780000	-4.173120
180	1.790000	-4.907280
181	1.800000	-5.757360
182	1.810000	-5.680080
183	1.820000	-5.911920
184	1.830000	-6.568800
185	1.840000	-5.023200
186	1.850000	-4.211760
187	1.860000	-3.825360
188	1.870000	-2.511600
189	1.880000	-2.434320
190	1.890000	-2.511600
191	1.900000	-3.786720
192	1.910000	-5.989200
193	1.920000	-6.415240
194	1.930000	-7.612080
195	1.940000	-8.500800
196	1.950000	-7.612080
197	1.960000	-6.762000
198	1.970000	-4.173120
199	1.980000	-1.313760
200	1.990000	.540960
201	2.000000	3.013920
202	2.010000	4.559520
203	2.020000	4.868640
204	2.030000	3.979920
205	2.040000	1.777440
206	2.050000	-.193200
207	2.060000	-2.508880
208	2.070000	-5.293680
209	2.080000	-7.071120
210	2.090000	-7.843920
211	2.100000	-7.921200
212	2.110000	-6.568800
213	2.120000	-3.129840
214	2.130000	16.035600
215	2.140000	2.511600
216	2.150000	5.332320
217	2.160000	7.264320
218	2.170000	8.732640
219	2.180000	9.775920
220	2.190000	9.389520
221	2.200000	8.925840
222	2.210000	7.534800
223	2.220000	4.327680
224	2.230000	.540960
225	2.240000	-2.400320
226	2.250000	-7.264320
227	2.260000	-10.819200
228	2.270000	-12.983040
229	2.280000	-13.679560
230	2.290000	-13.253520
231	2.300000	-12.055680

NO OF GROUND ACCELERATION RECORD------- 1301
TIME INTERVAL FOR INTEGRATION---------- .100E-01
NUMBER OF CYCLES OF INTEGRATION-------- 1000
INTERVAL FOR DISPL AND STRESS PRINTING- 10
FLAG-FOR STRESS CALCULATION----------- 0
FLAG FOR FLUID/SHELL RESPONSE---------- 0

MODE	DAMPING
1	.0000
2	.0000
3	.0000

NLO K-65 TANK FACILITY - 50 YEAR DESIGN EVENT

SCALE FACTOR FOR TIME 1.000

SCALE FACTOR FOR ACCELERATION 386.400

NO	TIME	ACCELERATION
1	.000000	.000000
2	.010000	-.309120
3	.020000	-.193200
4	.030000	-15.726480
5	.040000	-10.316880
6	.050000	-15.185520
7	.060000	-.193200
8	.070000	-.309120
9	.080000	-.386400
10	.090000	-.463680
11	.100000	-.695520
12	.110000	-1.004640
13	.120000	-1.584240
14	.130000	-2.163840
15	.140000	-2.666160
16	.150000	-3.168480
17	.160000	-3.351680
18	.170000	-3.361680
19	.180000	-3.207120
20	.190000	-2.898000
21	.200000	-2.434320
22	.210000	-1.700160
23	.220000	-1.043280
24	.230000	-.695520
25	.240000	-.540960
26	.250000	-.270480
27	.260000	.386400
28	.270000	1.236480
29	.280000	1.854720
30	.290000	1.893360
31	.300000	1.661520
32	.310000	1.468320
33	.320000	1.197840
34	.330000	1.352400
35	.340000	1.816080
36	.350000	1.661520
37	.360000	1.584240
38	.370000	1.506960
39	.380000	1.313760

3704

40	.300000	1.777440
41	.400000	1.970640
42	.410000	1.154720
43	.420000	2.275760
44	.430000	2.743440
45	.440000	3.864000
46	.450000	5.564160
47	.460000	6.336960
48	.470000	6.646080
49	.480000	7.071120
50	.490000	7.225680
51	.500000	7.341600
52	.510000	7.496160
53	.520000	7.418880
54	.530000	6.916560
55	.540000	5.600080
56	.550000	3.902640
57	.560000	1.700160
58	.570000	-.463680
59	.580000	-1.661520
60	.590000	-2.163840
61	.600000	-1.970640
62	.610000	-.811440
63	.620000	9.698640
64	.630000	-.425040
65	.640000	-1.313760
66	.650000	-2.202480
67	.660000	-4.173120
68	.670000	-6.336960
69	.680000	-7.496160
70	.690000	-8.075760
71	.700000	-7.264320
72	.710000	-4.675440
73	.720000	-1.197840
74	.730000	2.009280
75	.740000	3.864000
76	.750000	5.293680
77	.760000	6.066480
78	.770000	5.757360
79	.780000	6.066480
80	.790000	5.486880
81	.800000	3.749080
82	.810000	3.516240
83	.820000	2.627520
84	.830000	1.081920
85	.840000	.425040
86	.850000	-1.197840
87	.860000	-2.859360
88	.870000	-2.743440
89	.880000	-1.777440
90	.890000	-.811440
91	.900000	-.695520
92	.910000	-.966000
93	.920000	-.734160
94	.930000	-.695520
95	.940000	-.966000
96	.950000	-.695520
97	.960000	.154560
98	.970000	.579600
99	.980000	.927360
100	.990000	2.666160
101	1.000000	4.791360
102	1.010000	5.125520
103	1.020000	5.564160

	.7075E-03	.2686E-03	-.1082E-02	.00[illegible]
	.1081E-02	.6146E-03	-.1609E-02	.00[illegible]
	.8999E-03	.8153E-03	-.1562E-02	.000[illegible]
21	.9057E-03	.7570E-03	-.1538E-02	.0000E+00
22	.6905E-03	.1020E-02	-.1354E-02	.4850E-05
23	.7540E-03	.1546E-02	-.1864E-02	.0000E+00
24	.6590E-03	.1552E-02	-.1672E-02	.7059E-05
25	.6382E-03	.1740E-02	-.1858E-02	.3017E-05
26	.6284E-03	.1834E-02	-.1962E-02	.1014E-04
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.5190E-03	.5390E-03	-.1267E-02	.0000E+00
29	.7291E-03	.1272E-02	-.1981E-02	.0000E+00
30	.7873E-03	.1600E-02	-.1990E-02	.0000E+00
31	.8509E-03	.1808E-02	-.2121E-02	.0000E+00
32	.6107E-03	.2127E-02	-.2073E-02	.1777E-04
33	.7543E-03	.2231E-02	-.2216E-02	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.3647E-03	.6207E-03	-.1309E-02	.0000E+00
36	.5075E-03	.1558E-02	-.2081E-02	.0000E+00
37	.6571E-03	.1806E-02	-.2117E-02	.0000E+00
38	.6472E-03	.2434E-02	-.2261E-02	.0000E+00
39	.6826E-03	.2991E-02	-.2312E-02	.9899E-05
40	.6831E-03	.2830E-02	-.2260E-02	.1826E-04
41	.6841E-03	.2609E-02	-.2211E-02	.2117E-04
42	.6435E-03	.2354E-02	-.2145E-02	.2098E-04
43	.3987E-04	.2081E-02	-.2277E-02	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	-.2641E-03	.6111E-03	-.1279E-02	.0000E+00
46	-.2472E-03	.1542E-02	-.2176E-02	.0000E+00
47	.6823E-03	.3031E-02	-.2339E-02	.1596E-05
48	.6828E-03	.3019E-02	-.2328E-02	.5870E-05
49	.6136E-03	.2430E-02	-.2275E-02	.0000E+00
50	.6427E-03	.3038E-02	-.2306E-02	.7469E-05
51	.8466E-04	.2467E-02	-.2403E-02	.0000E+00
52	.2154E-03	.2797E-02	-.2408E-02	.0000E+00
53	.6844E-03	.3001E-02	-.2375E-02	-.4564E-05
54	-.3340E-03	.1718E-02	-.2224E-02	.0000E+00
55	-.2921E-03	.2039E-02	-.2336E-02	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	-.4206E-03	.1653E-03	-.1005E-02	.0000E+00
58	-.8699E-03	.5733E-03	-.1699E-02	.0000E+00
59	-.1202E-03	.2525E-02	-.2425E-02	.0000E+00
60	.2232E-04	.2727E-02	-.2360E-02	.0000E+00
61	.6179E-03	.3049E-02	-.2297E-02	.8946E-05
62	-.8235E-03	.1031E-02	-.1992E-02	.0000E+00
63	-.6779E-03	.1407E-02	-.2486E-02	.0000E+00
64	.2191E-03	.2864E-02	-.2385E-02	.0000E+00
65	.5596E-03	.3059E-02	-.2288E-02	.9813E-05
66	.5298E-03	.3079E-02	-.2269E-02	.1012E-04
67	.4723E-03	.3102E-02	-.2251E-02	.8326E-05
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	-.4953E-03	.1531E-03	-.4435E-03	.0000E+00
70	-.1237E-02	.6988E-03	-.1380E-02	.0000E+00
71	-.7633E-03	.1844E-02	-.2619E-02	.0000E+00
72	.1388E-03	.2882E-02	-.2391E-02	.0000E+00
73	-.1499E-02	.9231E-03	-.1271E-02	.0000E+00
74	.1615E-03	.3070E-02	-.2316E-02	.0000E+00
75	.4325E-03	.3121E-02	-.2231E-02	.4606E-05
76	.4061E-03	.3160E-02	-.2185E-02	.1280E-05
77	-.1351E-02	.1391E-02	-.1967E-02	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	-.7788E-03	.1263E-03	-.5227E-03	.0000E+00
80	-.1635E-02	.4812E-03	-.9350E-03	.0000E+00
81	-.1794E-02	.6086E-03	-.8720E-03	.0000E+00

82	-.1903E-02	.8956E-03	-.1868E-02	.0000E+00
83	-.7995E-02	.2314E-02	-.2564E-02	.0000E+00
84	-.1496E-02	.1674E-02	-.2592E-02	.0000E+00
85	.3865E-03	.3213E-02	-.2125E-02	.2344E-06
86	.1499E-03	.3206E-02	-.2229E-02	.0000E+00
87	-.1736E-02	.1203E-02	-.1421E-02	.0000E+00
88	-.1660E-03	.2846E-02	-.2485E-02	.0000E+00
89	.3074E-03	.3258E-02	-.2057E-02	-.5853E-06
90	-.2500E-02	.1027E-03	.2303E-02	.0000E+00
91	-.2392E-02	.1848E-03	.1902E-02	.0000E+00
92	-.2182E-02	.3165E-03	.1740E-02	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	-.1408E-02	.0000E+00	.1452E-02	.0000E+00
95	-.2361E-02	.0000E+00	.2467E-02	.0000E+00
96	-.2512E-02	.0000E+00	.2583E-02	.0000E+00
97	-.2567E-02	.0000E+00	.2935E-02	.0000E+00
98	-.2746E-02	.0000E+00	.3008E-02	.0000E+00
99	-.2602E-02	.3006E-04	.2932E-02	.0000E+00
100	-.1744E-02	.6097E-03	.5546E-03	.0000E+00
101	-.1039E-02	.1736E-02	-.2609E-02	.0000E+00
102	.3897E-03	.3335E-02	-.1956E-02	.6559E-07
103	-.7511E-03	.2545E-02	-.2903E-02	.0000E+00
104	.1834E-03	.3387E-02	-.2116E-02	.0000E+00
105	.3901E-03	.3393E-02	-.1844E-02	.1175E-05
106	-.5442E-03	.3043E-02	-.2986E-02	.0000E+00
107	.8087E-04	.3524E-02	-.1967E-02	.0000E+00
108	.3422E-03	.3460E-02	-.1730E-02	.1210E-05
109	.3369E-03	.3510E-02	-.1600E-02	.6529E-06
110	-.1444E-04	.3615E-02	-.2807E-02	.0000E+00
111	.1459E-03	.3732E-02	-.1907E-02	.0000E+00
112	.3065E-03	.3567E-02	-.1469E-02	.7035E-06
113	.7872E-04	.3629E-02	-.2376E-02	.0000E+00
114	.2978E-03	.3594E-02	-.1314E-02	.1424E-05
115	.2460E-03	.3634E-02	-.1163E-02	.1226E-05
116	.2417E-03	.3640E-02	-.9805E-03	.4296E-06
117	.1469E-03	.3817E-02	-.1704E-02	.0000E+00
118	.2333E-03	.3650E-02	-.8946E-03	.7106E-06
119	.2320E-03	.3665E-02	-.7498E-03	-.8948E-06
120	.1111E-03	.3859E-02	-.1267E-02	.0000E+00
121	.2844E-03	.3655E-02	-.5588E-03	-.3277E-05
122	.2908E-03	.3682E-02	-.5398E-03	-.3836E-05
123	.3001E-03	.3706E-02	-.5179E-03	-.4132E-05
124	.3099E-03	.3732E-02	-.4961E-03	-.4303E-05
125	.3216E-03	.3758E-02	-.4713E-03	-.4227E-05
126	.3392E-03	.3797E-02	-.4299E-03	-.3376E-05
127	.3514E-03	.3825E-02	-.3885E-03	-.2005E-05
128	.3520E-03	.3832E-02	-.3035E-03	.1534E-05
129	.3196E-03	.3762E-02	-.2236E-03	.4820E-05
130	.2504E-03	.3593E-02	-.1366E-03	.7934E-05
131	.1024E-03	.3178E-02	-.4707E-05	.9970E-05
132	-.4000E-04	.2713E-02	.1082E-03	.1042E-04
133	-.1626E-03	.2249E-02	.2053E-03	.1001E-04
134	-.2547E-03	.1810E-02	.2821E-03	.9489E-05
135	-.3259E-03	.1381E-02	.3420E-03	.9534E-05
136	-.3763E-03	.9472E-03	.3864E-03	.9576E-05
137	-.4093E-03	.5213E-03	.4115E-03	.9643E-05
138	-.4298E-03	.7631E-04	.4297E-03	.9531E-05
139	-.4299E-03	.9545E-05	.4298E-03	.9543E-05

35	.5063E-03	.2965E-04	.2342E-03	.0000E
36	-.1100E-02	.1486E-03	.4191E-03	.0000E+00
37	-.1216E-02	.1846E-03	.5922E-03	.0000E+00
38	-.1314E-02	.2652E-03	.6579E-03	.0000E+00
39	-.1360E-02	.3442E-03	.7684E-03	.2017E-05
40	-.1368E-02	.3189E-03	.7954E-03	.2471E-05
41	-.1368E-02	.2919E-03	.8023E-03	.2363E-05
42	-.1371E-02	.2688E-03	.8226E-03	.1864E-05
43	-.1240E-02	.1821E-03	.1542E-03	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	-.5739E-03	.5090E-04	-.7786E-04	.0000E+00
46	-.1147E-02	.1275E-03	-.5305E-04	.0000E+00
47	-.1369E-02	.3549E-03	.7573E-03	.6816E-06
48	-.1369E-02	.3508E-03	.7630E-03	.1728E-05
49	-.1315E-02	.2599E-03	.6265E-03	.0000E+00
50	-.1387E-02	.3549E-03	.7672E-03	.4242E-05
51	-.1389E-02	.2406E-03	.3125E-03	.0000E+00
52	-.1512E-02	.3128E-03	.3872E-03	.0000E+00
53	-.1367E-02	.3509E-03	.7373E-03	-.8313E-06
54	-.1271E-02	.1516E-03	-.1312E-03	.0000E+00
55	-.1400E-02	.2023E-03	-.2259E-03	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	-.4695E-03	-.4259E-04	-.4627E-03	.0000E+00
58	-.9658E-03	.5099E-04	-.1007E-02	.0000E+00
59	-.1558E-02	.3142E-03	-.9591E-04	.0000E+00
60	-.1549E-02	.3196E-03	.2352E-03	.0000E+00
61	-.1404E-02	.3570E-03	.7688E-03	.6344E-05
62	-.1126E-02	.1215E-03	-.1201E-02	.0000E+00
63	-.1293E-02	.1817E-03	-.1011E-02	.0000E+00
64	-.1539E-02	.3316E-03	.4025E-03	.0000E+00
65	-.1425E-02	.3590E-03	.7700E-03	.7773E-05
66	-.1477E-02	.3633E-03	.7723E-03	.9228E-05
67	-.1531E-02	.3680E-03	.7749E-03	.8596E-05
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	-.3473E-03	.1320E-04	-.5683E-03	.0000E+00
70	-.9555E-03	.1080E-03	-.1790E-02	.0000E+00
71	-.1496E-02	.2963E-03	-.1355E-02	.0000E+00
72	-.1587E-02	.3445E-03	.3231E-03	.0000E+00
73	-.1137E-02	.1624E-03	-.2647E-02	.0000E+00
74	-.1675E-02	.3907E-03	.4142E-03	.0000E+00
75	-.1577E-02	.3724E-03	.7769E-03	.6305E-05
76	-.1634E-02	.3784E-03	.8002E-03	.4213E-05
77	-.1319E-02	.2959E-03	-.2539E-02	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	-.4050E-03	-.1670E-04	-.1060E-02	.0000E+00
80	-.3673E-03	.9652E-04	-.2301E-02	.0000E+00
81	-.9132E-03	.1500E-03	-.2682E-02	.0000E+00
82	-.1089E-02	.2274E-03	-.2541E-02	.0000E+00
83	-.1643E-02	.4573E-03	-.1535E-02	.0000E+00
84	-.1418E-02	.4319E-03	-.2994E-02	.0000E+00
85	-.1699E-02	.3892E-03	.8133E-03	.3286E-05
86	-.1741E-02	.4042E-03	.5993E-03	.0000E+00
87	-.1234E-02	.3359E-03	-.3219E-02	.0000E+00
88	-.1730E-02	.4383E-03	-.5250E-03	.0000E+00
89	-.1740E-02	.3975E-03	.8418E-03	.2456E-05
90	-.5927E-03	.6825E-04	-.4527E-02	.0000E+00
91	-.6741E-03	.1411E-03	-.4556E-02	.0000E+00
92	-.7288E-03	.1955E-03	-.4688E-02	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	-.1539E-03	.0000E+00	-.2245E-02	.0000E+00
95	-.3519E-03	.0000E+00	-.4013E-02	.0000E+00
96	-.4550E-03	.0000E+00	-.4407E-02	.0000E+00
97	-.4337E-03	.0000E+00	-.4697E-02	.0000E+00
98	-.3612E-03	.0000E+00	-.4720E-02	.0000E+00

99	-.5399E-03	.8425E-04	-.4932E-02	.0000E+00
100	-.9560E-03	.2732E-03	-.4216E-02	.0000E+00
101	-.1447E-02	.4723E-03	-.3364E-02	.0000E+00
102	-.1507E-02	.4120E-03	.8704E-03	.2316E-05
103	-.1675E-02	.5177E-03	-.1957E-02	.0000E+00
104	-.1863E-02	.4255E-03	.6535E-03	.0000E+00
105	-.1850E-02	.4264E-03	.9069E-03	.1996E-05
106	-.1774E-02	.5954E-03	-.1391E-02	.0000E+00
107	-.1945E-02	.4769E-03	.5311E-03	.0000E+00
108	-.1904E-02	.4427E-03	.9314E-03	.1964E-05
109	-.1939E-02	.4556E-03	.9699E-03	.1573E-05
110	-.1830E-02	.6954E-03	-.1261E-02	.0000E+00
111	-.1997E-02	.5096E-03	.4708E-03	.0000E+00
112	-.1980E-02	.4715E-03	.9909E-03	.1409E-05
113	-.1976E-02	.6841E-03	-.5749E-03	.0000E+00
114	-.1999E-02	.4826E-03	.1036E-02	.4074E-06
115	-.2001E-02	.4964E-03	.1061E-02	-.4543E-06
116	-.1972E-02	.5071E-03	.1108E-02	-.1990E-05
117	-.1994E-02	.4961E-03	.7318E-03	.0000E+00
118	-.1942E-02	.5119E-03	.1124E-02	-.3024E-05
119	-.1965E-02	.5206E-03	.1150E-02	-.4774E-05
120	-.2061E-02	.6058E-03	.8196E-03	.0000E+00
121	-.1722E-02	.5249E-03	.1192E-02	-.7271E-05
122	-.1707E-02	.5834E-03	.1204E-02	-.8222E-05
123	-.1686E-02	.6353E-03	.1214E-02	-.8939E-05
124	-.1663E-02	.6916E-03	.1225E-02	-.9708E-05
125	-.1635E-02	.7529E-03	.1236E-02	-.1052E-04
126	-.1583E-02	.8627E-03	.1254E-02	-.1113E-04
127	-.1529E-02	.9728E-03	.1272E-02	-.1065E-04
128	-.1438E-02	.1178E-02	.1308E-02	-.7592E-05
129	-.1305E-02	.1304E-02	.1342E-02	-.3894E-05
130	-.1367E-02	.1350E-02	.1379E-02	.1132E-06
131	-.1406E-02	.1244E-02	.1435E-02	.3844E-05
132	-.1468E-02	.1042E-02	.1483E-02	.4707E-05
133	-.1521E-02	.8405E-03	.1525E-02	.4147E-05
134	-.1558E-02	.6683E-03	.1558E-02	.3621E-05
135	-.1584E-02	.5092E-03	.1585E-02	.3505E-05
136	-.1604E-02	.3505E-03	.1604E-02	.3542E-05
137	-.1615E-02	.1935E-03	.1615E-02	.3574E-05
138	-.1623E-02	.2862E-04	.1623E-02	.3584E-05
139	-.1623E-02	.3573E-05	.1623E-02	.3574E-05

THE FREQUENCY OF MODE NUMBER, 3 IS = .4285E+02 (FOR FOURIER TERM N = 1)

N.P.	P	Z	T	THETA
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.8135E-03	.2524E-05	-.9297E-03	.0000E+00
3	.1246E-02	.4523E-04	-.1202E-02	.0000E+00
4	.1172E-02	.6562E-04	-.1065E-02	.0000E+00
5	.1036E-02	-.6284E-04	-.1036E-02	.0000E+00
6	.7725E-03	.1641E-04	-.7706E-03	.8096E-05
7	.9989E-03	.3999E-03	-.1064E-02	.0000E+00
8	.7772E-03	.3337E-03	-.8090E-03	.2021E-05
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.9718E-03	.1120E-03	-.9133E-03	.0000E+00
11	.1168E-02	.2611E-03	-.1308E-02	.0000E+00
12	.1045E-02	.3694E-03	-.1239E-02	.0000E+00
13	.1000E-02	.3183E-03	-.1165E-02	.0000E+00
14	.7544E-03	.5119E-03	-.9228E-03	.4674E-05
15	.8511E-03	.8795E-03	-.1392E-02	.0000E+00
16	.7343E-03	.8709E-03	-.1104E-02	.2671E-
17	.0000E+00	.0000E+00	.0000E+00	.0000E

	.2772E-02	.1447E-03	-.2913E-02	.0000
	.2660E-02	.1485E-03	-.3093E-02	-.3601
	.2163E-02	.8106E-04	-.2168E-02	.0000E
55	.2430E-02	.1176E-03	-.2394E-02	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.8085E-03	.8927E-04	-.7442E-03	.0000E+00
58	.1739E-02	.5810E-04	-.1427E-02	.0000E+00
59	.2823E-02	.1123E-03	-.2769E-02	.0000E+00
60	.2773E-02	.1380E-03	-.2833E-02	.0000E+00
61	.2704E-02	.1632E-03	-.3106E-02	-.9132E-05
62	.2045E-02	.4293E-04	-.1724E-02	.0000E+00
63	.2359E-02	.4198E-04	-.2060E-02	.0000E+00
64	.2320E-02	.1434E-03	-.2959E-02	.0000E+00
65	.2737E-02	.1634E-03	-.3113E-02	-.1143E-04
66	.2814E-02	.1642E-03	-.3127E-02	-.1390E-04
67	.2897E-02	.1647E-03	-.3142E-02	-.1326E-04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.6350E-04	-.9903E-05	-.4488E-03	.0000E+00
70	.1835E-02	.1425E-04	-.1446E-02	.0000E+00
71	.2745E-02	.4126E-04	-.2391E-02	.0000E+00
72	.2906E-02	.1359E-03	-.2966E-02	.0000E+00
73	.2261E-02	.2139E-04	-.1662E-02	.0000E+00
74	.3084E-02	.1393E-03	-.3095E-02	.0000E+00
75	.2968E-02	.1651E-03	-.3155E-02	-.1011E-04
76	.3064E-02	.1685E-03	-.3181E-02	-.7094E-05
77	.2606E-02	.7511E-05	-.2019E-02	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.7572E-03	.2608E-04	-.5936E-03	.0000E+00
80	.1749E-02	-.1489E-04	-.1291E-02	.0000E+00
81	.1936E-02	-.1711E-04	-.1396E-02	.0000E+00
82	.2170E-02	-.2565E-04	-.1675E-02	.0000E+00
83	.3063E-02	.3788E-04	-.2651E-02	.0000E+00
84	.2875E-02	-.2320E-05	-.2760E-02	.0000E+00
85	.3173E-02	.1701E-03	-.3213E-02	-.5679E-05
86	.3196E-02	.1439E-03	-.3183E-02	.0000E+00
87	.2621E-02	-.8055E-05	-.1919E-02	.0000E+00
88	.3197E-02	.1117E-03	-.2950E-02	.0000E+00
89	.3243E-02	.1746E-03	-.3244E-02	-.4577E-05
90	.2006E-02	-.1307E-04	-.1028E-02	.0000E+00
91	.2154E-02	-.2512E-04	-.1138E-02	.0000E+00
92	.2314E-02	.8895E-05	-.1216E-02	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.8651E-03	.0000E+00	-.4345E-03	.0000E+00
95	.1591E-02	.0000E+00	-.7738E-03	.0000E+00
96	.1823E-02	.0000E+00	-.8879E-03	.0000E+00
97	.1903E-02	.0000E+00	-.8758E-03	.0000E+00
98	.1870E-02	.0000E+00	-.8513E-03	.0000E+00
99	.2046E-02	.7271E-05	-.9387E-03	.0000E+00
100	.2543E-02	.1380E-04	-.1456E-02	.0000E+00
101	.3070E-02	.5589E-04	-.2273E-02	.0000E+00
102	.3363E-02	.1796E-03	-.3289E-02	-.4106E-05
103	.3212E-02	.6463E-04	-.2731E-02	.0000E+00
104	.3403E-02	.1651E-03	-.3294E-02	.0000E+00
105	.3444E-02	.1829E-03	-.3327E-02	-.3526E-05
106	.3361E-02	.7690E-04	-.2983E-02	.0000E+00
107	.3540E-02	.1746E-03	-.3347E-02	.0000E+00
108	.3536E-02	.1861E-03	-.3363E-02	-.3367E-05
109	.3603E-02	.1886E-03	-.3391E-02	-.2859E-05
110	.3559E-02	.1868E-03	-.3142E-02	.0000E+00
111	.3665E-02	.2055E-03	-.3440E-02	.0000E+00
112	.3675E-02	.1913E-03	-.3415E-02	-.2557E-05
113	.3657E-02	.1650E-03	-.3260E-02	.0000E+00
114	.3715E-02	.1898E-03	-.3432E-02	-.9534E-06
115	.3729E-02	.1900E-03	-.3444E-02	-.2470E-06

116	.3729E-02	.1864E-03	-.3447E-02	.2859E-06
117	.3709E-02	.2139E-03	-.3504E-02	.0000E+00
118	.3723E-02	.1860E-03	-.3448E-02	.7027E-06
119	.3703E-02	.1845E-03	-.3447E-02	.1217E-05
120	.3740E-02	.1984E-03	-.3497E-02	.0000E+00
121	.3665E-02	.1803E-03	-.3441E-02	.2106E-05
122	.3661E-02	.1627E-03	-.3445E-02	.2548E-05
123	.3654E-02	.1462E-03	-.3448E-02	.2808E-05
124	.3647E-02	.1274E-03	-.3450E-02	.3301E-05
125	.3637E-02	.1054E-03	-.3453E-02	.3733E-05
126	.3617E-02	.6454E-04	-.3458E-02	.4351E-05
127	.3596E-02	.2000E-04	-.3462E-02	.4442E-05
128	.3555E-02	-.7124E-04	-.3471E-02	.3650E-05
129	.3527E-02	-.1268E-03	-.3479E-02	.2445E-05
130	.3510E-02	-.1830E-03	-.3487E-02	.1017E-05
131	.3504E-02	-.1978E-03	-.3501E-02	-.5328E-06
132	.3521E-02	-.1514E-03	-.3512E-02	-.9345E-06
133	.3532E-02	-.1138E-03	-.3523E-02	-.7365E-06
134	.3538E-02	-.8657E-04	-.3531E-02	-.5379E-06
135	.3542E-02	-.6525E-04	-.3538E-02	-.4621E-06
136	.3545E-02	-.4495E-04	-.3543E-02	-.4696E-06
137	.3546E-02	-.2517E-04	-.3546E-02	-.4602E-06
138	.3548E-02	-.3884E-05	-.3548E-02	-.4985E-06
139	.3548E-02	-.4766E-06	-.3548E-02	-.4799E-06

THE FREQUENCY OF MODE NUMBER, 2 IS = .3369E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	-.6304E-03	.1300E-05	.5843E-03	.0000E+00
3	-.1082E-02	.3040E-05	.1089E-02	.0000E+00
4	-.1165E-02	.4482E-05	.1192E-02	.0000E+00
5	-.1249E-02	-.9611E-05	.1249E-02	.0000E+00
6	-.1327E-02	.2508E-05	.1328E-02	.1079E-05
7	-.1266E-02	.4423E-04	.1243E-02	.0000E+00
8	-.1324E-02	.4436E-04	.1312E-02	.3762E-06
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	-.5776E-03	.5704E-05	.5509E-03	.0000E+00
11	-.1063E-02	.2442E-04	.1006E-02	.0000E+00
12	-.1187E-02	.4236E-04	.1116E-02	.0000E+00
13	-.1257E-02	.4259E-04	.1191E-02	.0000E+00
14	-.1329E-02	.7587E-04	.1268E-02	.5952E-06
15	-.1278E-02	.1013E-03	.1103E-02	.0000E+00
16	-.1323E-02	.1222E-03	.1198E-02	.5439E-06
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	-.5783E-03	.1772E-04	.4642E-03	.0000E+00
19	-.1067E-02	.6653E-04	.8623E-03	.0000E+00
20	-.1201E-02	.9361E-04	.9616E-03	.0000E+00
21	-.1274E-02	.9770E-04	.1031E-02	.0000E+00
22	-.1343E-02	.1529E-03	.1104E-02	.4006E-06
23	-.1298E-02	.1684E-03	.8850E-03	.0000E+00
24	-.1353E-02	.1594E-03	.9850E-03	.6618E-06
25	-.1362E-02	.2120E-03	.9193E-03	.4690E-06
26	-.1366E-02	.2240E-03	.8823E-03	.1082E-05
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	-.5898E-03	.3515E-04	.2981E-03	.0000E+00
29	-.1092E-02	.1223E-03	.5943E-03	.0000E+00
30	-.1203E-02	.1703E-03	.7060E-03	.0000E+00
31	-.1277E-02	.1979E-03	.7445E-03	.0000E+00
32	-.1372E-02	.2459E-03	.8446E-03	.1202E-05
33	-.1280E-02	.2325E-03	.6676E-03	.0000E[illegible]
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000[illegible]

EARTHQUAK[illegible]YSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

ELEMENT	I	J	K	L	MATERIAL
151	76	75	75	75	6
152	85	76	75	76	6
153	89	85	85	85	6
154	102	89	89	89	6
155	105	102	102	102	6
156	109	105	105	105	6
157	109	108	109	108	6
158	112	109	109	109	6
159	114	112	112	112	6
160	115	114	114	114	6
161	116	115	115	115	3
162	118	116	116	116	4
163	119	118	118	118	4
164	121	119	119	119	4
165	122	121	121	121	4
166	123	122	122	122	4
167	124	123	123	123	4
168	125	124	124	124	4
169	126	125	125	125	4
170	127	126	126	126	4
171	129	127	127	127	4
172	129	128	128	128	4
173	130	129	129	129	4
174	131	130	130	130	4
175	132	131	131	131	3
176	133	132	132	132	3
177	134	133	133	133	3
178	135	134	134	134	2
179	136	135	135	135	2
180	137	136	136	136	2
181	138	137	137	137	2
182	139	138	138	138	1
183	60	52	51	51	7

EIGEN VALUES BEFORE REARRANGEMENT

NO	EIGEN VALUE
1	.6786E+03
2	.1135E+04
3	.1936E+04

VALUES FOR FOURIER TERM N = 1

MODE NO	FREQUENCY	TIME PERIOD	CYCLES PER SEC
1	.26050E+02	.24119E+01	.41460E+01
2	.32694E+02	.18640E+01	.53626E+01
3	.42840E+02	.14664E+01	.68196E+01

THE FREQUENCY OF MODE NUMBER, 1 IS = .2605E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.1018E-02	.5590E-05	-.1021E-02	.0000E+00
3	.1857E-02	.1967E-04	-.1857E-02	.0000E+00
4	.2014E-02	.1977E-04	-.2009E-02	.0000E+00
5	.2174E-02	-.7104E-08	-.2175E-02	.0000E+00
6	.2458E-02	-.1332E-06	-.2457E-02	.5295E-06
7	.2256E-02	.4244E-04	-.2296E-02	.0000E+00
8	.2465E-02	.3279E-04	-.2473E-02	.1095E-06
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.1011E-02	.1218E-04	-.1021E-02	.0000E+00
11	.1969E-02	.2645E-04	-.1897E-02	.0000E+00
12	.2083E-02	.3119E-04	-.2116E-02	.0000E+00
13	.2256E-02	.2491E-04	-.2274E-02	.0000E+00
14	.2479E-02	.3469E-04	-.2515E-02	.2774E-06
15	.2285E-02	.6462E-04	-.2390E-02	.0000E+00
16	.2501E-02	.5627E-04	-.2584E-02	-.7154E-07
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.1021E-02	.1846E-04	-.1065E-02	.0000E+00
19	.1904E-02	.3727E-04	-.1995E-02	.0000E+00
20	.2128E-02	.4675E-04	-.2236E-02	.0000E+00
21	.2310E-02	.3329E-04	-.2409E-02	.0000E+00
22	.2531E-02	.4105E-04	-.2680E-02	.1328E-06
23	.2371E-02	.9755E-04	-.2607E-02	.0000E+00
24	.2568E-02	.8658E-04	-.2807E-02	.8941E-06
25	.2594E-02	.1085E-03	-.2888E-02	.3033E-07
26	.2610E-02	.1050E-03	-.2936E-02	-.1652E-06
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.1021E-02	.3570E-04	-.1102E-02	.0000E+00
29	.1946E-02	.7103E-04	-.2094E-02	.0000E+00
30	.2176E-02	.8336E-04	-.2377E-02	.0000E+00
31	.2391E-02	.1009E-03	-.2647E-02	.0000E+00
32	.2626E-02	.1200E-03	-.2989E-02	.2435E-05
33	.2394E-02	.1451E-03	-.2649E-02	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.1013E-02	.5114E-04	-.1104E-02	.0000E+00
36	.1960E-02	.8773E-04	-.2117E-02	.0000E+00
37	.2200E-02	.9863E-04	-.2370E-02	.0000E+00
38	.2455E-02	.1261E-03	-.2747E-02	.0000E+00
39	.2656E-02	.1665E-03	-.3081E-02	-.1327E-05
40	.2651E-02	.1750E-03	-.3059E-02	.1191E-06
41	.2646E-02	.1678E-03	-.3040E-02	.1132E-05
42	.2634E-02	.1482E-03	-.3017E-02	.2067E-05
43	.2175E-02	.1254E-03	-.2324E-02	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0426E-03	-.1032E-05	-.1010E-02	.0000E+00
46	.1950E-02	.7759E-04	-.2034E-02	.0000E+00
47	.2659E-02	.1568E-03	-.3085E-02	-.1343E-05
48	.2658E-02	.1626E-03	-.3088E-02	-.2006E-05
49	.2452E-02	.1299E-03	-.2724E-02	.0000E+00
50	.2683E-02	.1628E-03	-.3094E-02	-.5954E-0[illegible]
51	.2472E-02	.1414E-03	-.2665E-02	.0000E+[illegible]

EARTHQUAKE [illegible]STS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

ELEMENT	T	I	V	L	MATERIAL
51	50	48	47	47	7
52	52	50	47	53	7
53	50	60	51	55	7
54	57	45	44	56	9
55	50	44	45	57	9
56	42	54	46	58	8
57	63	55	54	62	7
58	71	50	55	63	7
59	57	54	68	68	9
60	60	57	68	68	9
61	70	60	68	68	9
62	70	68	79	78	9
63	70	60	57	69	9
64	80	70	69	79	9
65	62	56	70	70	8
66	81	62	70	70	8
67	81	70	60	80	8
68	73	63	62	62	7
69	73	62	81	81	7
70	82	73	81	81	7
71	77	71	63	73	7
72	87	77	73	82	7
73	94	79	78	53	9
74	95	80	79	94	9
75	96	81	80	95	8
76	90	82	81	81	7
77	90	81	96	96	7
78	97	90	96	96	7
79	91	87	82	90	7
80	99	91	90	90	7
81	99	90	97	97	7
82	98	99	57	97	7
83	92	91	59	99	10
84	92	100	87	91	10
85	100	84	87	87	10
86	101	84	100	100	10
87	84	77	87	87	10
88	84	83	71	77	10
89	103	83	84	84	10
90	101	103	84	84	10
91	101	106	103	103	10
92	110	106	101	101	10
93	72	60	59	55	10
94	71	74	72	55	10
95	88	86	74	74	10
96	83	88	74	71	10
97	104	56	88	88	10
98	103	104	88	88	10
99	103	88	83	83	10
100	106	107	104	103	10

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EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

ELEMENT	I	J	K	L	MATERIAL
101	111	107	106	106	10
102	110	113	111	106	10
103	113	117	111	111	10
104	120	117	113	113	10
105	72	64	52	60	10
106	61	50	52	52	10
107	64	65	61	52	10
108	72	64	65	64	10
109	67	66	72	72	10
110	74	75	67	72	10
111	74	74	75	75	10
112	85	76	74	74	10
113	86	85	74	74	10
114	85	89	85	85	10
115	102	89	86	86	10
116	104	102	86	86	10
117	104	105	102	102	10
118	108	105	104	104	10
119	107	108	104	104	10
120	107	109	108	108	10
121	112	109	107	107	10
122	111	112	107	107	10
123	111	114	112	112	10
124	115	114	111	111	10
125	117	115	111	111	10
126	117	116	115	115	10
127	118	116	117	117	10
128	120	119	118	117	10
129	120	121	119	119	10
130	6	9	8	8	2
131	8	14	14	14	2
132	14	16	16	16	2
133	16	22	22	22	2
134	22	24	24	24	2
135	24	25	25	25	2
136	25	26	26	26	2
137	26	32	32	32	2
138	32	42	42	42	2
139	42	41	41	41	2
140	41	40	40	40	2
141	40	39	39	39	2
142	39	48	48	48	2
143	48	47	47	47	2
144	47	53	53	53	2
145	50	48	48	48	2
146	61	50	50	50	5
147	65	61	61	61	5
148	66	65	65	65	5
149	67	66	66	66	5
150	75	67	67	67	5

EARTHQUAKE [illegible]STS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

N.P.	P.C. CODE	R-ORD.	Z-ORD.	THICKNESS
101	0.	1035.40	176.00	.000
102	0.	493.50	104.00	7.500
103	0.	797.00	128.00	.000
104	0.	579.50	128.00	.000
105	0.	483.50	128.00	7.500
106	0.	787.00	176.00	.000
107	0.	579.50	176.00	.000
108	0.	483.50	152.00	7.500
109	0.	483.50	176.00	7.500
110	0.	787.00	258.90	.000
111	0.	579.50	224.00	.000
112	0.	483.50	200.00	7.500
113	0.	747.50	272.00	.000
114	0.	483.50	224.00	7.500
115	0.	483.50	248.00	7.500
116	0.	483.50	272.00	8.000
117	0.	579.50	272.00	.000
118	0.	483.50	284.00	8.000
119	0.	483.50	304.00	8.000
120	0.	579.50	328.00	.000
121	0.	483.50	328.00	8.000
122	0.	476.00	330.00	8.000
123	0.	470.00	332.50	7.000
124	0.	464.00	335.00	6.000
125	0.	458.00	337.90	5.000
126	0.	448.00	342.80	5.000
127	0.	438.00	347.70	5.000
128	0.	416.00	357.80	5.000
129	0.	394.00	367.30	5.000
130	0.	368.00	377.70	4.500
131	0.	323.00	393.50	4.500
132	0.	278.00	407.10	3.500
133	0.	233.00	418.80	3.500
134	0.	188.00	428.10	3.000
135	0.	143.00	435.40	3.000
136	0.	98.00	440.80	3.000
137	0.	53.90	443.50	2.500
138	0.	8.00	446.00	2.500
139	0.	1.00	446.00	2.000

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (LC SEC E .01 FOR DT)

ELEMENT	T	J	K	L	MATERIAL
1	10	2	1	9	9
2	11	3	2	10	9
3	12	4	3	11	8
4	7	5	4	4	7
5	7	4	12	12	7
6	13	7	12	12	7
7	8	6	5	7	7
8	14	8	7	13	7
9	18	10	9	17	9
10	19	11	10	18	9
11	20	12	11	19	8
12	15	13	12	12	7
13	15	12	20	20	7
14	21	15	20	20	7
15	16	14	13	15	7
16	22	16	15	21	7
17	28	19	17	27	9
18	29	19	18	28	9
19	30	20	19	29	8
20	23	21	20	20	7
21	23	20	30	30	7
22	31	23	30	30	7
23	24	22	21	23	7
24	25	24	23	23	7
25	26	25	23	31	7
26	32	26	31	31	7
27	35	28	27	34	9
28	36	29	28	35	9
29	37	30	29	36	8
30	33	31	30	30	7
31	33	30	37	37	7
32	38	33	37	37	7
33	42	32	31	33	7
34	41	42	33	33	7
35	40	41	32	33	7
36	40	33	38	38	7
37	39	40	38	38	7
38	45	35	34	44	9
39	46	36	35	45	9
40	43	37	36	36	8
41	43	36	46	46	8
42	44	43	46	46	8
43	49	38	37	43	7
44	51	49	43	43	7
45	55	51	43	43	7
46	55	43	54	54	7
47	48	39	38	49	7
48	47	49	49	49	7
49	53	47	49	51	7
50	52	53	51	51	7

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

NOD.	B.C. CODE	Y-ORD.	Z-ORD.	THICKNESS
1	1110.	.00	-348.00	.000
2	0.	.00	-258.00	.000
3	0.	.00	-168.00	.000
4	0.	.00	-108.00	.000
5	0.	.00	-48.00	.000
6	0.	1.00	10.00	4.000
7	0.	72.00	-48.00	.000
8	0.	72.00	10.00	4.000
9	1110.	144.00	-348.00	.000
10	0.	144.00	-258.00	.000
11	0.	144.00	-168.00	.000
12	0.	144.00	-108.00	.000
13	0.	144.00	-48.00	.000
14	0.	144.00	10.00	4.000
15	0.	216.00	-48.00	.000
16	0.	216.00	10.00	4.000
17	1110.	288.00	-348.00	.000
18	0.	288.00	-258.00	.000
19	0.	288.00	-168.00	.000
20	0.	288.00	-108.00	.000
21	0.	288.00	-48.00	.000
22	0.	288.00	10.00	4.000
23	0.	360.00	-48.00	.000
24	0.	360.00	10.00	4.000
25	0.	396.00	10.00	4.000
26	0.	415.00	10.00	4.000
27	1110.	434.00	-348.00	.000
28	0.	434.00	-258.00	.000
29	0.	434.00	-168.00	.000
30	0.	434.00	-108.00	.000
31	0.	434.00	-48.00	.000
32	0.	434.00	10.00	4.000
33	0.	458.00	-48.00	.000
34	1110.	480.00	-348.00	.000
35	0.	480.00	-258.00	.000
36	0.	480.00	-168.00	.000
37	0.	480.00	-108.00	.000
38	0.	480.00	-48.00	.000
39	0.	480.00	6.00	12.000
40	0.	469.00	6.00	12.000
41	0.	458.00	6.00	12.000
42	0.	446.00	8.00	8.000
43	0.	558.50	-108.00	.000
44	1110.	637.00	-348.00	.000
45	0.	637.00	-258.00	.000
46	0.	637.00	-168.00	.000
47	0.	487.00	6.00	12.000
48	0.	493.50	6.00	12.000
49	0.	457.00	-48.00	.000
50	0.	493.50	12.00	7.000

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

NOPE	P.C. CODE	R-COORD.	Z-COORD.	THICKNESS
51	0.	558.50	-48.00	.000
52	0.	558.50	12.00	.000
53	0.	499.00	6.00	12.000
54	0.	637.00	-108.00	.000
55	0.	637.00	-48.00	.000
56	1110.	797.00	-348.00	.000
57	0.	797.00	-258.00	.000
58	0.	797.00	-168.00	.000
59	0.	637.00	12.00	.000
60	0.	579.50	12.00	.000
61	0.	493.50	15.00	7.000
62	0.	797.00	-108.00	.000
63	0.	797.00	-48.00	.000
64	0.	558.50	18.00	.000
65	0.	493.50	18.00	7.000
66	0.	493.50	24.00	7.000
67	0.	493.50	30.00	7.000
68	1110.	937.00	-348.00	.000
69	0.	937.00	-258.00	.000
70	0.	937.00	-168.00	.000
71	0.	787.00	12.00	.000
72	0.	579.50	24.00	.000
73	0.	937.00	-48.00	.000
74	0.	579.50	48.00	.000
75	0.	493.50	36.00	7.500
76	0.	493.50	48.00	7.500
77	0.	937.00	12.00	.000
78	1110.	1087.00	-348.00	.000
79	0.	1087.00	-258.00	.000
80	0.	1087.00	-168.00	.000
81	0.	1087.00	-108.00	.000
82	0.	1087.00	-48.00	.000
83	0.	787.00	80.00	.000
84	0.	1035.40	80.00	.000
85	0.	493.50	64.00	7.500
86	0.	579.50	80.00	.000
87	0.	1037.00	12.00	.000
88	0.	680.30	90.00	.000
89	0.	493.50	80.00	7.500
90	0.	1387.00	-48.00	.000
91	0.	1387.00	12.00	.000
92	0.	1387.00	58.80	.000
93	1110.	1687.00	-348.00	.000
94	100.	1687.00	-258.00	.000
95	100.	1687.00	-168.00	.000
96	100.	1687.00	-108.00	.000
97	100.	1687.00	-48.00	.000
98	100.	1687.00	12.00	.000
99	0.	1527.40	12.00	.000
100	0.	1323.40	80.00	.000

	-11	[illegible]2.40E-06	[illegible]	-2.4[illegible]-06	1.[illegible]	-2.02E-06	[illegible]5E-06	1.49E-05	-2.69E-06				
35	461	[illegible]4.54E-01	1.03E+00	5.8[illegible]E-01	1.94E-01	-1.72E-02	[illegible]2E-01	1.11E+00	5.80E-01	68.0[illegible]	6.54E-01	1.83	
	-12.[illegible]	1.36E-07	1.6[illegible]E-05	-2.41E-06	1.41E-05	-1.32E-06	-1.01E-05	1.76E-05	-2.69E-06				
36	469.00	-3.37E-01	2.23E-02	-2.20E-01	1.24E-02	1.74E-03	-7.02E-02	2.37E-02	-3.37E-01	68.03	2.33E-02	-1.24E-02	
	-30.00	-7.09E-06	6.75E-06	-2.60E-06	9.53E-07	1.33E-07	-5.41E-06	6.77E-06	-7.10E-06				
37	476.33	7.51E-01	1.15E+00	6.91E-01	1.66E-01	-1.71E-02	-1.22E-01	1.24E+00	6.95E-01	71.23	8.33E-01	2.37E-01	
	-12.00	1.60E-07	1.63E-05	-2.56E-06	1.25E-05	-1.31E-06	-9.40E-06	1.85E-05	-2.01E-06				
38	558.50	5.91E-02	1.65E-01	6.55E-02	2.67E-02	5.99E-03	-1.37E-01	1.71E-01	5.27E-02	76.58	5.91E-02	2.67E-02	
	-303.00	-1.07E-06	3.73E-06	-7.91E-07	2.43E-06	5.44E-07	-1.25E-05	4.02E-06	-1.36E-06				
39	558.50	1.53E-02	1.97E-01	2.09E-02	2.99E-02	1.29E-02	-1.14E-01	2.02E-01	1.05E-02	80.89	1.53E-02	2.99E-02	
	-213.00	-2.33E-06	5.03E-06	-2.09E-06	2.72E-06	1.19E-06	-1.04E-05	6.15E-06	-2.55E-06				
40	506.17	-8.57E-02	5.26E-01	2.14E-03	7.80E-02	-1.66E-02	-1.94E-01	5.36E-01	-9.55E-02	62.85	-8.57E-02	7.80E-02	
	-128.00	-4.27E-06	9.64E-06	-2.27E-06	3.55E-06	-4.46E-07	-8.84E-06	9.86E-06	-4.49E-06				
41	558.50	-3.35E-01	2.50E-01	-1.94E-01	6.34E-02	2.36E-02	-6.61E-02	2.97E-01	-3.42E-01	84.27	2.90E-01	-6.34E-02	
	-146.00	-6.37E-06	7.85E-06	-3.15E-06	2.88E-06	1.07E-06	-3.91E-06	7.99E-06	-6.51E-06				
42	610.83	-1.35E-02	4.77E-01	-2.54E-02	1.68E-02	5.67E-02	-1.53E-01	4.78E-01	-1.40E-02	68.04	3.13E-01	2.32E-01	
	-128.00	-2.41E-06	8.55E-06	-3.88E-06	7.63E-07	2.58E-06	-6.93E-06	8.56E-06	-2.62E-06				
43	501.38	-1.44E-01	9.76E-02	-1.13E-01	3.54E-02	-4.50E-04	-7.39E-02	1.03E-01	-1.49E-01	81.84	-1.44E-01	3.54E-02	
	-78.00	-3.79E-06	5.50E-06	-2.58E-06	2.72E-06	-3.46E-08	-5.69E-06	5.70E-06	-3.99E-06				
44	534.67	9.81E-02	4.87E-01	1.22E-01	1.27E-01	9.06E-03	-9.04E-02	5.25E-01	6.04E-02	73.46	4.51E-01	1.70E-01	
	-68.00	-4.00E-06	1.10E-05	-3.08E-06	9.76E-06	6.97E-07	-6.96E-06	1.24E-05	-5.45E-06				
45	584.67	1.84E-02	2.76E-01	1.53E-02	-2.37E-02	2.48E-02	-1.40E-01	2.78E-01	1.62E-02	-84.79	1.84E-02	-2.37E-02	
	-68.00	-2.70E-06	7.22E-06	-2.82E-06	-1.82E-06	1.91E-06	-1.08E-05	7.30E-06	-2.76E-06				
46	610.93	-1.24E-01	3.05E-01	-3.92E-02	-2.13E-02	6.52E-02	-1.02E-01	3.06E-01	-1.25E-01	-87.17	3.05E-01	2.13E-02	
	-88.00	-6.33E-06	1.02E-05	-3.07E-06	-1.64E-06	5.02E-06	-7.84E-06	1.02E-05	-6.37E-06				
47	482.63	8.16E-02	2.84E-01	5.18E-02	4.18E-02	1.69E-03	-7.49E-02	2.92E-01	7.33E-02	78.76	8.16E-02	4.18E-02	
	-21.00	-1.44E-06	6.33E-06	-2.59E-06	3.22E-06	1.30E-07	-5.76E-06	6.65E-06	-1.76E-06				
48	485.83	8.83E-01	1.39E+00	8.15E-01	9.66E-02	3.50E-03	-1.38E-01	1.41E+00	8.65E-01	79.55	8.97E-01	1.28E-01	
	-12.00	3.86E-08	1.95E-05	-2.56E-06	7.43E-06	3.00E-07	-1.06E-05	2.02E-05	-6.46E-07				
49	507.98	-3.79E-02	1.86E-01	-3.59E-02	3.60E-02	4.52E-03	-7.43E-02	1.92E-01	-4.34E-02	81.09	-3.78E-02	3.60E-02	
	-21.00	-2.65E-06	5.97E-06	-2.73E-06	2.77E-06	3.46E-07	-5.71E-06	6.19E-06	-2.86E-06				
50	538.67	4.04E-02	4.85E-01	9.53E-02	1.09E-01	2.61E-02	-7.19E-02	5.11E-01	1.51E-02	76.94	3.93E-01	2.11E-01	
	-10.00	-5.27E-06	1.18E-05	-3.16E-06	8.39E-06	2.01E-06	-5.53E-06	1.28E-05	-6.24E-06				
51	484.67	3.32E-01	2.62E-01	1.44E-01	-1.79E-02	-8.39E-02	-2.91E-02	3.42E-01	2.58E-01	-12.60	2.62E-01	1.79E-02	
	8.00	4.83E-06	1.91E-06	-2.65E-06	-1.39E-06	-6.45E-06	-2.24E-06	4.98E-06	1.75E-06				
52	507.00	-3.33E-01	-3.00E-01	-3.52E-01	-1.87E-01	1.01E-02	-1.62E-03	-1.29E-01	-5.04E-01	-47.49	-4.87E-01	-7.78E-02	
	0.00	-1.97E-06	-7.19E-07	-2.72E-06	-1.44E-05	7.75E-07	-1.24E-07	5.88E-06	-8.57E-06				
53	603.00	-8.84E-02	6.99E-02	-1.19E-01	-3.10E-03	1.87E-02	-5.35E-02	6.99E-02	-8.85E-02	-88.88	-6.92E-02	-5.18E-02	
	-18.00	-1.89E-06	4.20E-06	-3.06E-06	-2.38E-07	1.44E-06	-4.12E-06	4.20E-06	-1.89E-06				
54	712.00	5.12E-02	1.11E-01	4.15E-02	-7.04E-03	1.18E-02	-1.36E-01	1.12E-01	5.03E-02	-83.36	5.12E-02	-7.04E-03	
	-303.00	-3.17E-07	2.40E-06	-7.57E-07	-6.40E-07	1.07E-06	-1.22E-05	2.43E-06	-3.54E-07				
55	712.00	1.63E-03	1.26E-01	-1.27E-02	-1.40E-02	3.03E-02	-1.16E-01	1.26E-01	5.97E-05	-83.64	1.63E-03	-1.40E-02	
	-213.00	-1.42E-06	4.23E-06	-2.07E-06	-1.28E-06	2.75E-06	-1.06E-05	4.31E-06	-1.49E-06				
56	712.00	-1.40E-01	7.18E-02	-1.78E-01	-4.80E-02	5.68E-02	-1.10E-01	8.21E-02	-1.50E-01	-77.82	-1.40E-01	-4.80E-02	
	-138.00	-1.89E-06	2.92E-06	-2.76E-06	-2.18E-06	2.67E-06	-4.98E-06	3.16E-06	-2.13E-06				
57	712.00	-8.60E-02	3.51E-02	-1.29E-01	-6.43E-03	2.16E-02	-7.33E-02	3.94E-02	-8.63E-02	-67.07	-8.60E-02	-6.43E-03	
	-78.00	-1.39E-06	3.43E-06	-3.00E-06	-4.94E-07	1.66E-06	-5.64E-06	3.44E-06	-1.40E-06				
58	712.00	-5.88E-02	1.05E-01	-9.77E-02	-5.23E-03	1.02E-02	-7.63E-02	1.06E-01	-5.90E-02	-88.18	-5.88E-02	-5.23E-03	
	-18.00	-1.70E-06	4.61E-06	-3.20E-06	-4.02E-07	7.82E-07	-5.87E-06	4.62E-06	-1.71E-06				
59	837.00	6.56E-02	8.86E-02	6.29E-02	-1.25E-02	7.62E-02	-1.27E-01	9.46E-02	6.26E-02	-64.37	8.86E-02	1.25E-02	
	-318.00	2.59E-07	1.17E-06	.00E+00	-1.13E-06	6.93E-06	-1.15E-05	1.44E-06	-1.26E-08				
60	987.00	9.96E-02	1.72E-01	1.06E-01	-3.21E-02	2.72E-02	-2.90E-01	1.84E-01	9.65E-02	-69.33	1.24E-01	4.74E-02	
	-288.00	-4.32E-07	2.69E-06	.00E+00	-2.92E-06	2.47E-06	-2.64E-05	3.44E-06	-9.83E-07				
61	987.00	6.07E-02	1.32E-01	7.69E-02	-5.21E-02	-2.31E-02	-2.84E-01	1.59E-01	3.31E-02	-62.10	6.07E-02	-5.21E-02	
	-288.00	-7.36E-07	2.49E-06	.00E+00	-4.74E-06	-2.10E-06	-2.58E-05	3.74E-06	-1.99E-06				
62	1037.00	1.61E-01	1.64E-01	1.30E-01	-5.74E-02	7.22E-02	-2.41E-01	2.20E-01	1.05E-01	-45.56	1.64E-01	5.74E-02	
	-318.00	1.43E-06	1.53E-06	.00E+00	-5.22E-06	6.56E-06	-2.19E-05	4.09E-06	-1.13E-06				
63	862.00	1.31E-02	9.53E-02	-1.13E-02	-3.93E-03	2.64E-02	-1.46E-01	9.55E-02	1.29E-02	-87.27	1.31E-02	-3.93E-03	
	-213.00	-4.64E-07	3.07E-06	-1.79E-06	-3.57E-07	2.40E-06	-1.32E-05	3.08E-06	-6.72E-07				
64	1012.00	-1.17E-02	7.59E-02	-2.52E-02	-2.01E-02	9.53E-03	-1.55E-01	8.01E-02	-1.61E-02	-77.67	-1.17E-02	-2.01E-02	
	-213.00	-1.04E-06	2.09E-06	-1.65E-06	-1.82E-06	6.67E-07	-1.40E-05	3.14E-06	-1.24E-06				
65	837.00	-2.08E-01	1.22E-01	-1.83E-01	2.76E-02	3.35E-02	-1.44E-01	1.25E-01	-2.11E-01	85.27	1.22E-01	-2.76E-02	
	-148.00	-3.33E-06	4.19E-06	-2.74E-06	1.25E-06	1.52E-06	-6.55E-06	4.24E-06	-3.38E-06				
66	937.00	-7.70E-02	1.44E-01	-1.19E-01	-8.45E-03	5.56E-02	-1.67E-01	1.46E-01	-7.73E-02	-67.83	1.09E-01	8.30E-02	

3704

	-128.00	-1.49E-06	2.60E-06	-2.45E-06	-3.94E-07	2.71E-06	-7.57E-06	3.59E-06	-1.49E-06					
67	1037.00	-1.11E-01	2.20E-01	-1.01E-01	1.29E-02	1.02E-01	-1.70E-01	2.20E-01	-1.12E-01	67.78	2.20E-01	-1.29E-02		
	-148.00	-2.57E-06	4.05E-06	-2.33E-06	5.84E-07	4.62E-06	-7.72E-06	4.97E-06	-2.58E-06					
68	837.00	-1.28E-02	2.19E-01	-1.54E-02	-1.22E-02	4.37E-02	-2.01E-01	2.19E-01	-1.34E-02	-67.00	-1.28E-02	-1.22E-02		
	-68.00	-2.50E-06	6.32E-06	-2.69E-06	-9.35E-07	3.36E-06	-1.56E-05	6.34E-06	-2.61E-06					
69	937.00	-1.94E-01	1.50E-02	-1.73E-01	3.95E-02	5.63E-02	-1.04E-01	2.27E-02	-2.02E-01	80.01	1.59E-02	-3.85E-02		
	-88.00	-3.64E-06	4.40E-06	-2.73E-06	2.96E-06	4.33E-06	-6.02E-06	4.75E-06	-3.91E-06					
70	1037.00	2.34E-01	4.01E-01	1.98E-01	5.64E-02	1.03E-02	-3.15E-01	5.02E-01	2.22E-01	78.15	4.94E-01	4.73E-02		
	-68.00	-1.15E-06	9.74E-06	-2.52E-06	4.34E-06	7.95E-07	-2.43E-05	9.15E-06	-1.60E-06					
71	862.00	-1.00E-01	7.63E-02	-1.25E-01	3.30E-04	4.52E-02	-1.01E-01	7.59E-02	-1.00E-01	69.89	-1.00E-01	3.30E-04		
	-18.00	-2.23E-06	4.55E-06	-3.16E-06	2.54E-08	3.48E-06	-7.77E-06	4.56E-06	-2.23E-06					
72	1012.00	-2.68E-02	1.02E-01	-7.69E-02	3.21E-02	2.47E-02	-9.89E-02	1.15E-01	-3.41E-02	77.23	-2.66E-02	3.21E-02		
	-18.00	-1.07E-06	4.09E-06	-3.00E-06	2.47E-06	1.90E-06	-6.84E-06	4.37E-06	-1.35E-06					
73	1387.00	-7.67E-03	3.62E-03	-1.27E-02	-3.64E-02	9.04E-03	-8.66E-02	3.48E-02	-3.85E-02	-49.41	-7.67E-03	-3.64E-02		
	-303.00	-1.31E-07	3.82E-07	-3.60E-07	-3.31E-06	8.22E-07	-7.87E-06	1.80E-06	-1.55E-06					
74	1387.00	-1.66E-02	1.53E-02	-3.30E-02	-2.73E-02	2.77E-02	-6.93E-02	3.10E-02	-3.23E-02	-60.15	-1.66E-02	-2.73E-02		
	-213.00	-3.10E-07	1.14E-06	-1.05E-06	-2.48E-06	2.52E-06	-8.12E-06	1.85E-06	-1.02E-06					
75	1387.00	-5.20E-02	-5.00E-03	-1.00E-01	-1.68E-02	7.64E-02	-6.59E-02	3.63E-04	-5.74E-02	-72.25	-5.20E-02	-1.68E-02		
	-138.00	-3.57E-07	7.11E-07	-1.45E-06	-7.62E-07	3.47E-06	-3.00E-06	8.33E-07	-4.79E-07					
76	1187.00	-1.18E-01	-7.44E-02	-1.57E-01	-4.61E-02	9.50E-02	-3.89E-02	-4.53E-02	-1.48E-01	-57.77	-1.18E-01	-4.61E-02		
	-68.00	-7.08E-07	9.86E-07	-2.20E-06	-3.55E-06	7.31E-06	-2.99E-06	2.10E-06	-1.83E-06					
77	1387.00	-2.32E-02	4.50E-02	-3.34E-02	-6.99E-03	7.35E-02	-8.29E-02	4.57E-02	-2.35E-02	-64.20	4.50E-02	6.99E-03		
	-88.00	-7.64E-07	1.86E-06	-1.16E-06	-5.38E-07	5.66E-06	-6.37E-06	1.88E-06	-7.91E-07					
78	1587.00	-4.49E-03	3.31E-02	-2.54E-02	-9.96E-03	2.67E-02	-3.02E-02	3.56E-02	-6.96E-03	-76.05	2.79E-02	1.64E-02		
	-68.00	-2.09E-07	1.24E-06	-1.01E-06	-7.66E-07	2.05E-06	-2.33E-06	1.33E-06	-3.04E-07					
79	1237.00	-5.57E-02	2.59E-02	-9.72E-02	5.85E-03	9.36E-02	-6.24E-02	2.64E-02	-5.62E-02	65.93	-5.57E-02	5.85E-03		
	-18.00	-8.50E-07	2.28E-06	-2.07E-06	4.50E-07	7.20E-06	-4.80E-06	2.30E-06	-8.75E-07					
80	1433.80	-2.97E-02	3.33E-02	-4.50E-02	2.71E-02	6.17E-02	-6.58E-02	4.34E-02	-3.98E-02	69.65	-2.97E-02	2.71E-02		
	-8.00	-6.88E-07	1.74E-06	-1.28E-06	2.09E-06	4.75E-06	-5.06E-06	2.12E-06	-1.08E-06					
81	1533.80	-4.60E-02	-3.53E-03	-5.73E-02	7.72E-03	4.43E-02	-2.36E-02	-2.17E-03	-4.74E-02	60.62	-3.53E-03	-7.72E-03		
	-28.00	-5.96E-07	1.04E-06	-1.03E-06	5.94E-07	3.40E-06	-1.81E-06	1.09E-06	-6.48E-07					
82	1633.80	-4.83E-02	-1.60E-02	-6.09E-02	-2.32E-03	2.28E-02	-2.49E-03	-1.58E-02	-4.85E-02	-85.91	-2.15E-02	1.24E-02		
	-8.00	-4.82E-07	7.61E-07	-9.66E-07	-1.79E-07	1.75E-06	-1.92E-07	7.67E-07	-4.89E-07					
83	1433.80	-1.90E-01	-4.92E-02	-1.36E-01	6.93E-03	1.66E-01	-4.84E-02	-4.88E-02	-1.90E-01	87.18	-4.92E-02	-6.93E-03		
	27.60	-3.17E-06	2.23E-06	-1.12E-06	5.33E-07	1.28E-05	-3.72E-06	2.24E-06	-3.16E-06					
84	1296.10	-7.41E-02	1.95E-02	-8.91E-02	3.20E-02	9.47E-02	-6.82E-02	2.94E-02	-8.40E-02	72.81	-4.68E-03	-5.20E-02		
	40.70	-1.27E-06	2.33E-06	-1.85E-06	2.46E-06	7.28E-06	-5.25E-06	2.71E-06	-1.65E-06					
85	1148.60	-6.36E-02	-3.33E-03	-1.30E-01	4.48E-02	1.01E-01	-1.03E-03	2.05E-02	-8.75E-02	61.98	1.53E-03	4.11E-02		
	57.33	-2.87E-07	2.03E-06	-2.83E-06	3.45E-06	7.75E-06	-7.93E-08	2.95E-06	-1.20E-06					
86	1131.40	-2.13E-01	-1.44E-01	-2.17E-01	-4.31E-02	2.26E-01	-2.72E-02	-1.23E-01	-2.34E-01	-64.41	-1.44E-01	4.31E-02		
	112.00	-1.22E-06	7.75E-07	-2.03E-06	-3.32E-06	1.74E-05	-2.09E-06	1.57E-06	-2.69E-06					
87	1019.80	-3.04E-02	2.35E-01	-3.41E-02	2.00E-02	7.63E-02	-1.78E-01	2.36E-01	-3.19E-02	85.71	2.35E-01	-2.00E-02		
	34.67	-3.04E-06	7.16E-06	-3.18E-06	1.54E-06	5.87E-06	-1.37E-05	7.22E-06	-3.10E-06					
88	984.60	-5.90E-02	1.06E-01	-1.07E-01	2.44E-03	3.29E-02	-8.65E-02	1.06E-01	-5.80E-02	69.15	-5.80E-02	2.44E-03		
	46.00	-1.59E-06	4.73E-06	-3.47E-06	1.88E-07	2.52E-06	-6.65E-06	4.73E-06	-1.59E-06					
89	862.60	-3.89E-01	-1.54E-01	-3.85E-01	-4.68E-02	8.20E-03	-1.06E-01	-1.83E-01	-4.00E-01	-77.21	-1.94E-01	4.68E-02		
	96.00	-4.33E-06	3.19E-06	-4.18E-06	-3.60E-06	6.31E-07	-8.16E-06	3.60E-06	-4.74E-06					
90	952.60	-3.35E-02	2.05E-01	-7.03E-02	9.51E-02	4.41E-02	-4.90E-02	2.38E-01	-6.67E-02	70.72	2.32E-01	-4.38E-02		
	128.00	-2.40E-06	6.77E-06	-3.92E-06	7.31E-06	3.39E-06	-3.77E-06	8.05E-06	-3.66E-06					
91	869.80	-1.04E-01	3.59E-03	-1.73E-01	1.55E-02	3.07E-02	-4.08E-02	5.76E-03	-1.06E-01	81.96	-1.04E-01	1.55E-02		
	160.00	-9.97E-07	2.14E-06	-3.64E-06	1.19E-06	2.36E-06	-3.14E-06	3.22E-06	-1.08E-06					
92	869.80	-3.11E-01	-8.00E-02	-3.03E-01	-7.98E-02	-1.39E-03	-5.11E-03	-5.50E-02	-3.36E-01	-72.66	-8.00E-02	7.98E-02		
	203.60	-4.33E-06	4.55E-06	-4.03E-06	-6.14E-06	-1.07E-07	-3.93E-07	5.51E-06	-5.29E-06					
93	598.67	-1.51E-01	1.55E-01	-1.17E-01	1.14E-02	-4.56E-02	-7.14E-02	1.56E-01	-1.52E-01	87.87	1.55E-01	-1.14E-02		
	16.00	-4.58E-06	7.22E-06	-3.25E-06	8.79E-07	-3.51E-06	-5.49E-06	7.23E-06	-4.60E-06					
94	645.75	-8.61E-02	9.46E-02	-1.09E-01	-2.77E-03	4.93E-03	-4.73E-02	9.47E-02	-8.61E-02	-89.12	-8.61E-02	-2.77E-03		
	24.00	-2.20E-06	4.75E-06	-3.09E-06	-2.13E-07	3.79E-07	-3.64E-06	4.75E-06	-2.21E-06					
95	613.10	-1.77E-01	-9.94E-02	-2.07E-01	-6.37E-02	-3.01E-02	-1.40E-01	-6.37E-02	-2.13E-01	-60.73	-1.77E-01	-6.37E-02		
	69.33	-1.51E-06	1.49E-06	-2.64E-06	-4.90E-06	-2.32E-06	-1.08E-05	2.86E-06	-2.86E-06					
96	709.45	-1.38E-01	5.21E-02	-1.55E-01	-6.45E-03	-1.27E-03	-6.40E-02	5.23E-02	-1.38E-01	-88.06	3.84E-02	-4.95E-02		
	58.00	-2.45E-06	4.55E-06	-3.32E-06	-4.96E-07	-9.76E-08	-4.93E-06	4.66E-06	-2.66E-06					
97	613.10	[illegible].60E-01	-2.65E-01	-4.20E-01	-6.90E-02	-1.51E-01	[illegible]74E-02	-2.47E-01	-4.82E-01	-72.05	-2.69E-01	6.90E-02		
	96.0[illegible]	[illegible].04E-06	2.28E-06	-3.54E-06	-5.31E-06	-1.16E-05	[illegible]E-06	3.14E-06	-5.92E-06					
98	682[illegible]	[illegible].66E-02	5.05E-02	-1.18E-01	-5.57E-02	-3.67E-02	[illegible]E-01	1.06E-01	-1.12E-01	-74.61	1.27E-02	1.0[illegible]		

	112.0[illegible]	[illegible]5E-06	4.[illegible]5E-06	-3.18E-06	-4.39E-05	-2.82E-06	[illegible]	[illegible]-06	5.44E-06	-2.94E-06				
99	751.43	[illegible].42E-02	4.10E-01	-1.30E-02	3.41E-02	-2.11E-03	[illegible]	[illegible]-01	4.12E-01	-9.65E-02	86.10	4.10E-01	-3.45E-	
	96.00	-6.93E-06	1.24E-05	-3.35E-06	2.63E-06	-1.62E-07	-7.85E-06		1.25E-05	-7.03E-06				
100	663.25	-1.15E-01	3.93E-02	-1.51E-01	-2.98E-03	-3.26E-02	-2.37E-02		3.85E-02	-1.16E-01	-88.90	-1.16E-01	-2.98E-03	
	152.00	-1.05E-06	3.50E-06	-3.29E-06	-2.29E-07	-2.50E-06	-1.82E-06		3.99E-06	-1.96E-06				
101	648.67	-4.84E-01	-2.04E-01	-4.73E-01	-3.10E-02	-1.57E-01	-4.67E-02		-2.75E-01	-4.91E-01	-81.47	-2.84E-01	3.10E-02	
	192.00	-5.04E-06	2.74E-06	-4.53E-06	-2.39E-05	-1.20E-05	-3.60E-06		2.92E-06	-5.22E-06				
102	725.25	-4.49E-02	5.51E-02	-1.06E-01	3.79E-02	-4.14E-02	1.43E-02		7.15E-02	-5.72E-02	71.96	3.13E-02	-5.97E-02	
	232.70	-7.15E-07	3.29E-06	-3.09E-06	2.92E-06	-3.19E-06	1.10E-06		3.76E-06	-1.19E-06				
103	635.50	-4.52E-02	9.45E-03	-9.53E-02	-6.44E-03	-3.14E-02	-1.07E-01		1.02E-02	-4.59E-02	-83.37	-4.52E-02	-6.44E-03	
	256.00	-2.98E-07	1.80E-06	-2.24E-06	-4.91E-07	-2.41E-06	-8.19E-08		1.83E-06	-3.26E-07				
104	635.50	-1.48E-01	-9.22E-02	-2.13E-01	-2.21E-02	-1.59E-01	1.52E-02		-8.45E-02	-1.55E-01	-70.78	-9.22E-02	2.21E-02	
	290.67	-7.03E-07	1.44E-06	-3.22E-06	-1.70E-06	-1.22E-05	1.17E-06		1.73E-06	-9.98E-07				
105	569.00	-1.05E-01	1.53E-01	-7.62E-02	5.79E-02	2.63E-02	-6.00E-02		1.94E-01	-1.16E-01	79.05	-1.05E-01	5.79E-02	
	16.50	-4.06E-06	7.02E-06	-2.94E-06	4.45E-06	2.18E-06	-4.62E-06		7.45E-06	-4.49E-06				
106	500.50	-7.45E-01	-4.56E-01	-5.98E-01	-1.15E-01	-2.63E-02	-3.39E-02		-4.16E-01	-7.85E-01	-70.76	-4.56E-01	1.15E-01	
	13.00	-8.88E-06	2.22E-06	-3.22E-06	-8.82E-06	-2.03E-06	-2.61E-06		3.76E-06	-1.04E-05				
107	521.00	-1.10E-01	8.43E-02	-1.12E-01	-1.76E-02	1.32E-02	-3.84E-02		8.59E-02	-1.11E-01	-64.87	-1.10E-01	-1.76E-02	
	15.75	-2.71E-06	4.76E-06	-2.81E-06	-1.35E-06	1.04E-06	-2.95E-06		4.92E-06	-2.77E-06				
108	524.25	-9.68E-02	7.72E-02	-1.10E-01	-1.17E-02	1.29E-02	-3.97E-02		7.79E-02	-9.75E-02	-66.16	-9.68E-02	-1.17E-02	
	21.00	-2.29E-06	4.39E-06	-2.81E-06	-9.02E-07	9.89E-07	-3.05E-06		4.42E-06	-2.33E-06				
109	515.50	-5.28E-01	-3.11E-01	-4.55E-01	-7.91E-02	-3.02E-02	-3.45E-02		-2.85E-01	-5.54E-01	-71.94	-3.11E-01	7.91E-02	
	26.00	-6.08E-06	2.25E-06	-3.28E-06	-6.08E-06	-2.32E-06	-2.65E-06		3.24E-06	-7.06E-06				
110	531.50	-7.70E-02	6.44E-02	-1.07E-01	1.85E-03	1.23E-02	-3.32E-02		6.44E-02	-7.71E-02	89.25	-7.70E-02	1.85E-03	
	34.50	-1.65E-06	3.79E-06	-2.80E-06	1.42E-07	9.50E-07	-2.55E-06		3.79E-06	-1.65E-06				
111	515.50	-1.64E-01	-9.17E-02	-1.96E-01	-1.28E-01	7.57E-03	-1.83E-01		5.21E-03	-2.61E-01	-52.92	-1.64E-01	-1.28E-01	
	44.00	-1.36E-06	1.44E-06	-2.57E-06	-9.86E-06	5.83E-07	-1.40E-05		5.17E-06	-5.08E-06				
112	515.50	-3.91E-01	-2.32E-01	-3.63E-01	-1.57E-02	-3.95E-02	-2.73E-02		-2.30E-01	-3.93E-01	-84.44	-2.32E-01	1.57E-02	
	53.33	-4.20E-06	1.02E-06	-3.14E-06	-1.20E-06	-3.03E-06	-2.10E-06		1.98E-06	-4.26E-06				
113	547.50	5.49E-02	3.04E-01	3.61E-02	5.51E-02	-4.57E-03	1.11E-01		3.16E-01	4.32E-02	78.06	3.15E-01	-1.17E-02	
	64.00	-2.23E-06	7.35E-06	-2.95E-06	4.24E-06	-3.52E-07	8.53E-06		7.80E-06	-2.68E-06				
114	515.50	-8.25E-02	3.99E-02	-1.06E-01	-7.03E-02	1.01E-02	-1.01E-01		7.19E-02	-1.15E-01	-65.52	-8.25E-02	-7.03E-02	
	74.67	-1.54E-06	3.17E-06	-2.45E-06	-5.41E-06	7.76E-07	-7.75E-06		4.40E-06	-2.77E-06				
115	515.50	-4.29E-01	-2.53E-01	-3.80E-01	-1.01E-02	-3.27E-02	-2.34E-02		-2.52E-01	-4.30E-01	-86.72	-2.53E-01	1.01E-02	
	88.00	-4.83E-06	1.94E-06	-2.94E-06	-7.78E-07	-2.51E-06	-1.80E-06		1.96E-06	-4.86E-06				
116	547.50	-2.21E-02	2.10E-01	-2.56E-02	5.79E-02	-5.18E-03	2.68E-02		2.24E-01	-3.57E-02	76.75	2.24E-01	3.58E-03	
	104.00	-2.63E-06	6.30E-06	-2.77E-06	4.45E-06	-3.98E-07	2.06E-06		6.82E-06	-3.16E-06				
117	515.50	-8.36E-03	1.36E-01	-3.00E-02	-4.33E-02	-2.01E-03	-8.45E-02		1.48E-01	-2.04E-02	-74.50	-8.36E-03	-4.33E-02	
	120.00	-1.39E-06	4.15E-06	-2.22E-06	-3.33E-06	-1.54E-07	-6.50E-06		4.61E-06	-1.85E-06				
118	515.50	-3.76E-01	-2.24E-01	-3.41E-01	-1.28E-02	-6.34E-02	-2.14E-02		-2.23E-01	-3.77E-01	-85.21	-2.24E-01	1.28E-02	
	136.00	-4.12E-06	1.73E-06	-2.78E-06	-9.88E-07	-4.88E-06	-1.65E-06		1.77E-06	-4.16E-06				
119	547.50	-3.10E-02	1.53E-01	-4.67E-02	1.48E-02	-2.27E-02	2.84E-02		1.54E-01	-3.21E-02	85.43	1.49E-01	3.01E-02	
	152.00	-2.01E-06	5.04E-06	-2.62E-06	1.14E-06	-1.74E-06	2.19E-06		5.09E-06	-2.06E-06				
120	515.50	-7.42E-03	1.49E-01	-1.61E-02	-6.32E-02	-2.14E-02	-1.29E-01		1.71E-01	-2.99E-02	-70.48	-7.49E-03	-6.32E-02	
	168.00	-1.66E-06	4.34E-06	-1.95E-06	-4.96E-06	-1.65E-06	-9.91E-06		5.20E-06	-2.52E-06				
121	515.50	-4.16E-01	-2.87E-01	-4.60E-01	-9.69E-04	-1.14E-01	-1.73E-02		-2.87E-01	-4.56E-01	-89.67	-2.87E-01	9.69E-04	
	184.00	-4.98E-06	1.52E-06	-2.82E-06	-7.46E-08	-8.75E-06	-1.33E-06		1.52E-06	-4.98E-06				
122	547.50	-1.97E-02	2.03E-01	-2.29E-02	7.96E-02	-4.52E-02	4.22E-02		2.29E-01	-4.43E-02	72.15	2.27E-01	-1.81E-02	
	200.00	-2.49E-06	6.03E-06	-2.65E-06	6.12E-06	-3.79E-06	3.24E-06		7.02E-06	-3.48E-06				
123	515.50	1.43E-01	3.18E-01	1.22E-01	-2.60E-02	-5.09E-02	-2.00E-01		3.22E-01	1.39E-01	-81.75	1.43E-01	-2.60E-02	
	216.00	-9.18E-07	5.83E-06	-1.71E-06	-2.00E-06	-3.92E-06	-1.54E-05		5.98E-06	-1.06E-06				
124	515.50	-2.86E-01	-1.92E-01	-2.91E-01	2.07E-02	-1.55E-01	-1.14E-02		-1.97E-01	-2.90E-01	78.09	-1.92E-01	-2.07E-02	
	232.00	-2.54E-06	1.07E-06	-2.74E-06	1.59E-06	-1.50E-05	-8.75E-07		1.23E-06	-2.71E-06				
125	547.50	-1.95E-01	-1.56E-01	-2.34E-01	3.74E-02	-9.24E-02	2.16E-01		-1.33E-01	-2.17E-01	58.60	-1.41E-01	-2.40E-02	
	248.00	-1.05E-06	4.24E-07	-2.58E-06	2.84E-06	-7.11E-06	1.66E-05		1.30E-06	-1.93E-06				
126	515.50	1.23E-01	2.65E-01	1.04E-01	-5.95E-03	-5.57E-02	-1.71E-01		2.65E-01	1.22E-01	-67.65	1.23E-01	-5.95E-03	
	264.00	-6.83E-07	4.79E-06	-1.41E-06	-4.50E-07	-4.28E-06	-1.32E-05		4.80E-06	-6.92E-07				
127	515.50	-2.58E-01	-1.89E-01	-2.65E-01	4.46E-02	-1.98E-01	-2.26E-03		-1.67E-01	-2.80E-01	63.98	-1.89E-01	-4.48E-02	
	276.00	-2.11E-06	5.65E-07	-2.37E-06	3.43E-06	-1.52E-05	-1.74E-07		1.40E-06	-2.95E-06				
128	531.50	-1.03E-01	-4.79E-02	-1.15E-01	1.72E-02	-5.29E-02	4.02E-03		-4.25E-02	-1.08E-01	74.06	-1.03E-01	1.72E-02	
	297.00	-1.04E-06	1.09E-06	-1.51E-06	1.32E-05	-4.07E-06	3.09E-07		1.27E-06	-1.23E-06				
129	515.50	1.20E-01	3.25E-01	1.50E-01	2.93E-02	-6.16E-02	-1.57E-01		3.39E-01	1.16E-01	82.39	1.20E-01	2.93E-02	
	320.00	-2.05E-06	5.23E-06	-8.64E-07	2.25E-05	-4.74E-06	-1.21E-05		6.38E-06	-2.26E-06				
130	565.50	-8.05E-02	2.96E-01	-2.35E-02	5.25E-02	3.73E-02	-8.96E-02		3.03E-01	-8.78E-02	82.20	-8.06E-02	5.25E-02	

-8.00 -5.20E-05 2.27E-06 -3.01E-06 4.04E-06 2.67E-06 -6.85E-06 5.54E-06 -5.48E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1344E+02	.8067E+02	.1073E+03	.4147E+01	.1934E+02	-.1084E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5027E+00	.4602E+00	.4279E+00	-.6813E+00	-.4747E+01	-.3128E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1039E+01	-.2301E+00	.2577E+00	-.2594E+01	-.1203E+02	-.4812E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1341E+01	.2700E+00	.1391E+00	-.4006E+01	-.1782E+02	-.6967E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1651E+01	-.2843E+00	.1260E+00	-.4966E+01	-.2385E+02	-.9043E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.7100E+00	.2149E-01	.1432E+00	-.5057E+01	-.2921E+02	-.1104E+02
25	.1770E+01	.3025E+00	.8288E-01	-.5104E+01	-.3201E+02	-.1269E+02
26	-.8757E+01	-.1438E+01	.1483E+00	-.6362E+01	-.3362E+02	-.1392E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9406E+00	-.9402E+00	.5239E+00	-.7764E+01	-.4403E+02	-.1471E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3045E+03	.4410E+02	.3791E+01	-.8246E+01	-.1061E+03	-.2226E+02
40	.1438E+03	.1470E+02	.6066E+01	-.9890E+01	-.1053E+03	-.2068E+02
41	.2016E+02	-.4324E+01	.5547E+01	-.1026E+02	-.9583E+02	-.1845E+02
42	-.1652E+02	-.6050E+01	.2551E+01	-.9843E+01	-.7018E+02	-.1616E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2692E+03	.4342E+02	.1722E+01	-.1099E+02	-.1067E+03	.5455E+01
48	.2443E+03	.3676E+02	.1911E+01	.9092E+01	-.9647E+02	.4727E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.7119E+01	.1555E+00	.2525E+00	.4602E+02	-.6586E+02	.3100E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1092E+01	.5807E+01	.2667E+00	-.7360E+01	-.1057E+03	.4305E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2373E+01	-.1453E+00	.2017E+00	.4050E+02	-.5600E+02	.3062E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1494E+01	-.7497E+00	.1977E+00	.3317E+02	-.5668E+02	.3013E+02
66	-.1037E+02	-.2089E+01	.1714E+00	.4119E+02	-.5656E+02	.3088E+02
67	-.1807E+02	-.3277E+01	.9556E-01	.4061E+02	-.5856E+02	.3101E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3129E+02	-.5348E+01	-.1015E+00	.3995E+02	-.6376E+02	.2660E+02
76	.1980E+01	.1981E+00	-.2678E+00	.4220E+02	-.6576E+02	.2586E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1116E+02	-.2355E+01	-.3087E+00	.4082E+02	-.6411E+02	.2552E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.8411E+01	.6098E+00	-.3632E+00	.4160E+02	-.6100E+02	.2361E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4952E+01	-.1362E+01	-.3238E+00	.3818E+02	-.5800E+02	.2305E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1187E+02	.1201E+01	-.2688E+00	.3591E+02	-.5430E+02	.2180E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1151E+02	-.2260E+01	-.2982E+00	.3309E+02	-.5214E+02	.1932E+02
109	.9366E+01	.8983E+00	-.3455E+00	.3089E+02	-.4793E+02	.1718E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.8345E+01	-.1727E+01	-.3849E+00	.2352E+02	-.4554E+02	.1290E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1513E+02	.1852E+01	-.3496E+00	.1806E+02	-.4105E+02	.9145E+01
115	-.1455E+02	-.2295E+01	-.4387E+00	.1205E+02	-.3932E+02	.4771E+01
116	.5418E+01	.4196E+00	-.6569E+00	.6928E+01	-.3567E+02	.5729E+00
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6530E+01	-.1366E+01	-.6993E+00	.1161E+02	-.3327E+02	.3305E+01
119	-.1538E+02	-.2693E+01	-.9439E+00	.5056E+00	-.2817E+02	-.1122E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

121	-.1127E+02	-.4642E+00	-.5449E+00	-.4541E+01	-.1715E+02	-.2747E+01
122	-.7447E+01	.1432E+01	.9955E-01	.2027E+00	-.1492E+02	.2672E+00
123	-.4227E+01	.1332E+01	.4384E-01	.4425E+00	-.1220E+02	.4619E+00
124	-.1[illegible]3E+01	.1066E+01	.1553E-01	.5901E+00	-.9313E+01	.6169E+00
125	.4765E+00	.5467E+00	.6954E-02	.7053E+00	-.6942E+01	.7560E+00
126	.2054E+01	.1182E+01	.3074E-01	.8662E+00	-.4655E+01	.9050E+00
127	.4211E+01	.1352E+01	.7921E-01	.9869E+00	-.2782E+01	.1041E+01
128	.5[illegible]4E+01	.1332E+01	.2192E+00	.1139E+01	.5311E+00	.1169E+01
129	.4130E+01	.9839E+00	.3393E+00	.1153E+01	.2433E+01	.1184E+01
130	.2209E+01	.4914E+00	.4206E+00	.1051E+01	.3629E+01	.1058E+01
131	.3042E+00	.5709E-01	.4350E+00	.8335E+00	.3307E+01	.8521E+00
132	-.7388E-01	-.3951E-01	.3476E+00	.6005E+00	.2240E+01	.6219E+00
133	-.1434E+00	-.3721E-01	.2932E+00	.4409E+00	.1471E+01	.4582E+00
134	-.3242E-01	-.6064E-03	.2732E+00	.3356E+00	.1034E+01	.3435E+00
135	.2067E-01	.8085E-02	.3054E+00	.2480E+00	.7414E+00	.2547E+00
136	-.4170E-02	.4013E-02	.3983E+00	.1618E+00	.4942E+00	.1748E+00
137	.6641E-02	.2936E-02	.5624E+00	.7109E-01	.2355E+00	.9933E-01
138	-.1850E-01	.2582E-03	.3334E+01	-.9498E-02	-.7877E-01	.6394E-01
139	.2411E-02	.3948E-02	.1516E+02	.4254E-02	.4511E-01	-.5567E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.07545E-03	-.79518E-05	.10514E-02	.00000E+00
3	-.17426E-02	-.39769E-04	.17222E-02	.00000E+00
4	-.18320E-02	-.49073E-04	.17708E-02	.00000E+00
5	-.19028E-02	.28324E-04	.19038E-02	.00000E+00
6	-.20691E-02	-.73790E-05	.20676E-02	-.41871E-05
7	-.19690E-02	-.21154E-03	.20409E-02	.00000E+00
8	-.20803E-02	-.18459E-03	.21097E-02	-.10938E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.10251E-02	-.56911E-04	.10695E-02	.00000E+00
11	-.17410E-02	-.13322E-03	.18609E-02	.00000E+00
12	-.18485E-02	-.19506E-03	.20032E-02	.00000E+00
13	-.19749E-02	-.16325E-03	.20985E-02	.00000E+00
14	-.20855E-02	-.27134E-03	.22263E-02	-.23670E-05
15	-.19438E-02	-.45171E-03	.23676E-02	.00000E+00
16	-.20991E-02	-.45387E-03	.24143E-02	-.12394E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.10090E-02	-.12740E-03	.12367E-02	.00000E+00
19	-.17471E-02	-.31355E-03	.21746E-02	.00000E+00
20	-.18374E-02	-.40544E-03	.23551E-02	.00000E+00
21	-.19309E-02	-.37140E-03	.24891E-02	.00000E+00
22	-.21008E-02	-.51086E-03	.26737E-02	-.21391E-05
23	-.15876E-02	-.76361E-03	.29238E-02	.00000E+00
24	-.21332E-02	-.77409E-03	.30072E-02	-.39354E-05
25	-.21493E-02	-.88924E-03	.32083E-02	-.14221E-05
26	-.21538E-02	-.91791E-03	.33230E-02	-.41450E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.90291E-03	-.25399E-03	.14573E-02	.00000E+00
29	-.14511E-02	-.61193E-03	.26065E-02	.00000E+00
30	-.18498E-02	-.77434E-03	.28378E-02	.00000E+00
31	-.20578E-02	-.88617E-03	.31560E-02	.00000E+00
32	-.21659E-02	-.10559E-02	.34467E-02	-.97910E-05
33	-.20144E-02	-.11083E-02	.32449E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.83507E-03	-.29612E-03	.15189E-02	.00000E+00
36	-.15764E-02	-.74956E-03	.27808E-02	.00000E+00
37	-.18247E-02	-.87320E-03	.29536E-02	.00000E+00
38	-.20309E-02	-.11314E-02	.33750E-02	.00000E+00
[illegible]	-.22274E-02	-.14795E-02	.36846E-02	[illegible]458E-05
[illegible]	-.22225E-02	-.14126E-02	.36314E-02	[illegible]147E-05

	-.22179E-02	-.13377E-02	.35803E-02	.10355E-04
	-.21918E-02	-.11786E-02	.35132E-02	.10975E-04
	-.19577E-02	-.99493E-03	.32602E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.55091E-03	-.24378E-03	.16191E-02	.00000E+00
46	-.12732E-02	-.71159E-03	.30481E-02	.00000E+00
47	-.22209E-02	-.14882E-02	.37106E-02	.44791E-06
48	-.22252E-02	-.14373E-02	.37020E-02	-.10512E-05
49	-.20152E-02	-.11409E-02	.33761E-02	.00000E+00
50	-.22296E-02	-.14272E-02	.37033E-02	.10050E-05
51	-.17591E-02	-.11231E-02	.35726E-02	.00000E+00
52	-.20920E-02	-.13532E-02	.33037E-02	.00000E+00
53	-.22336E-02	-.14657E-02	.37417E-02	.25820E-05
54	-.13923E-02	-.80073E-03	.32666E-02	.00000E+00
55	-.16121E-02	-.98334E-03	.36207E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.41658E-03	-.12749E-03	.14945E-02	.00000E+00
58	-.94428E-03	-.30172E-03	.28680E-02	.00000E+00
59	-.15979E-02	-.12324E-02	.39765E-02	.00000E+00
60	-.20046E-02	-.13155E-02	.38010E-02	.00000E+00
61	-.22352E-02	-.15030E-02	.37074E-02	.26070E-05
62	-.11387E-02	-.43534E-03	.34322E-02	.00000E+00
63	-.14707E-02	-.66159E-03	.38689E-02	.00000E+00
64	-.21375E-02	-.13381E-02	.39284E-02	.00000E+00
65	-.22448E-02	-.15083E-02	.37110E-02	.37854E-05
66	-.22728E-02	-.15191E-02	.37181E-02	.53949E-05
67	-.23071E-02	-.15308E-02	.37266E-02	.57634E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.28609E-03	-.52239E-04	.10431E-02	.00000E+00
70	-.92873E-03	-.33697E-03	.33152E-02	.00000E+00
71	-.17269E-02	-.90093E-03	.44952E-02	.00000E+00
72	-.21606E-02	-.14051E-02	.38932E-02	.00000E+00
73	-.11802E-02	-.46152E-03	.41053E-02	.00000E+00
74	-.23037E-02	-.15071E-02	.39464E-02	.00000E+00
75	-.23401E-02	-.15410E-02	.37328E-02	.51794E-05
76	-.23266E-02	-.15526E-02	.37287E-02	.44685E-05
77	-.14497E-02	-.70339E-03	.46707E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.26061E-03	-.62558E-04	.15697E-02	.00000E+00
80	-.75392E-03	-.22004E-03	.33279E-02	.00000E+00
81	-.87088E-03	-.29349E-03	.36959E-02	.00000E+00
82	-.10071E-02	-.44479E-03	.42576E-02	.00000E+00
83	-.19635E-02	-.11743E-02	.49216E-02	.00000E+00
84	-.16544E-02	-.88540E-03	.54703E-02	.00000E+00
85	-.24646E-02	-.15398E-02	.37335E-02	.39169E-05
86	-.23783E-02	-.15596E-02	.38843E-02	.00000E+00
87	-.14270E-02	-.64757E-03	.49069E-02	.00000E+00
88	-.22757E-02	-.14305E-02	.44927E-02	.00000E+00
89	-.25230E-02	-.16173E-02	.37247E-02	.35629E-05
90	-.92037E-03	-.68302E-04	.34390E-02	.00000E+00
91	-.10664E-02	-.13481E-03	.37218E-02	.00000E+00
92	-.12701E-02	-.25531E-03	.39561E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.35067E-03	.00000E+00	.15130E-02	.00000E+00
95	-.67797E-03	.00000E+00	.27465E-02	.00000E+00
96	-.80966E-03	.00000E+00	.31030E-03	.00000E+00
97	-.85777E-03	.00000E+00	.31652E-02	.00000E+00
98	-.86325E-03	.00000E+00	.31279E-02	.00000E+00
99	-.86612E-03	-.62706E-04	.33285E-02	.00000E+00
100	-.15237E-02	-.41882E-03	.43147E-02	.00000E+00
101	-.20092E-02	-.10000E-02	.57340E-02	.00000E+00
102	-.26020E-02	-.16599E-02	.37183E-02	.29023E-05
103	-.21096E-02	-.13269E-02	.53856E-02	.00000E+00
104	-.25264E-02	-.15718E-02	.39297E-02	.00000E+00

105	-.26414E-02	-.16142E-02	.36556E-02	.21059E-05
106	-.22296E-02	-.15727E-02	.53030E-02	.00000E+00
107	-.25926E-02	-.17669E-02	.40194E-02	.00000E+00
108	-.27000E-02	-.17325E-02	.36778E-02	.20016E-05
109	-.27572E-02	-.17616E-02	.36370E-02	.18381E-05
110	-.26590E-02	-.19520E-02	.53258E-02	.00000E+00
111	-.27410E-02	-.18356E-02	.41431E-02	.00000E+00
112	-.27965E-02	-.17356E-02	.36030E-02	.16007E-05
113	-.26097E-02	-.19152E-02	.48306E-02	.00000E+00
114	-.28253E-02	-.18114E-02	.35349E-02	.26764E-06
115	-.25193E-02	-.18350E-02	.34778E-02	.15207E-06
116	-.28386E-02	-.18409E-02	.33845E-02	.90251E-06
117	-.27684E-02	-.19362E-02	.39616E-02	.00000E+00
118	-.28497E-02	-.18472E-02	.33439E-02	.10570E-05
119	-.28810E-02	-.18567E-02	.32744E-02	.22629E-05
120	-.27443E-02	-.20135E-02	.37415E-02	.00000E+00
121	-.29173E-02	-.18515E-02	.31715E-02	.38446E-05
122	-.29630E-02	-.18320E-02	.31608E-02	.42035E-05
123	-.29744E-02	-.19081E-02	.31488E-02	.44225E-05
124	-.29453E-02	-.19353E-02	.31370E-02	.45670E-05
125	-.29082E-02	-.19530E-02	.31236E-02	.45661E-05
126	-.30180E-02	-.20069E-02	.31013E-02	.40595E-05
127	-.30361E-02	-.20434E-02	.30791E-02	.31439E-05
128	-.30546E-02	-.20963E-02	.30336E-02	.65151E-06
129	-.30426E-02	-.20739E-02	.29908E-02	-.17162E-05
130	-.30174E-02	-.19974E-02	.29443E-02	-.40023E-05
131	-.29378E-02	-.17723E-02	.28738E-02	-.55827E-05
132	-.28578E-02	-.15090E-02	.28137E-02	-.58931E-05
133	-.27896E-02	-.12480E-02	.27620E-02	-.55794E-05
134	-.27388E-02	-.10042E-02	.27211E-02	-.52529E-05
135	-.26999E-02	-.76652E-03	.26894E-02	-.52729E-05
136	-.26709E-02	-.52546E-03	.26659E-02	-.53046E-05
137	-.26541E-02	-.28371E-03	.26526E-02	-.53607E-05
138	-.26428E-02	-.42389E-04	.26429E-02	-.52862E-05
139	-.26428E-02	-.53071E-05	.26428E-02	-.53049E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-8.84E-03	-1.30E-02	4.14E-03	-1.24E-01	-3.91E-03	1.32E-01	1.13E-01	-1.35E-01	-44.52	-8.84E-03	-1.24E-01
	-303.00	-1.72E-07	-3.60E-07	4.18E-07	-1.13E-05	-3.55E-07	1.20E-05	5.38E-06	-5.91E-06			
2	72.00	-5.08E-03	-1.52E-02	1.54E-02	-9.63E-02	-2.41E-03	9.66E-02	8.62E-02	-1.07E-01	-43.49	-5.08E-03	-9.63E-02
	-213.00	-1.67E-07	-6.28E-07	7.64E-07	-8.75E-06	-2.19E-07	8.97E-06	3.98E-06	-4.78E-06			
3	72.00	4.80E-04	-2.08E-02	3.23E-02	-5.48E-02	1.36E-02	6.71E-02	4.57E-02	-6.59E-02	-39.52	4.60E-04	-5.48E-02
	-138.00	-5.20E-08	-5.35E-07	6.70E-07	-2.49E-06	6.18E-07	3.05E-06	9.75E-07	-1.56E-06			
4	24.00	-2.19E-01	-2.02E-01	-2.61E-01	-1.05E-01	5.79E-02	1.42E-01	-1.05E-01	-3.16E-01	-47.27	-2.19E-01	-1.05E-01
	-66.00	-9.20E-07	-2.74E-07	-2.55E-06	-8.08E-06	4.45E-06	1.09E-05	3.45E-06	-4.65E-06			
5	72.00	1.27E-01	9.56E-02	1.67E-01	-6.33E-02	1.06E-02	4.73E-02	1.77E-01	4.62E-02	-37.97	9.56E-02	6.33E-02
	-88.00	6.03E-07	-6.12E-07	2.15E-06	-4.87E-06	8.17E-07	3.64E-06	2.51E-06	-2.51E-06			
6	120.00	8.24E-02	9.15E-02	1.18E-01	-7.20E-02	-6.35E-03	7.05E-02	1.61E-01	1.67E-02	-47.59	1.93E-02	1.94E-02
	-68.00	-8.20E-08	4.10E-07	1.29E-06	-5.54E-06	-4.89E-07	5.42E-06	2.95E-06	-2.61E-06			
7	36.25	-5.68E-03	8.52E-03	2.64E-02	-6.96E-02	7.22E-03	6.01E-02	7.14E-02	-6.86E-02	-47.91	-3.27E-03	-6.98E-02
	-18.00	-5.40E-07	6.10E-08	6.95E-07	-5.36E-06	5.56E-07	4.63E-06	2.43E-06	-2.96E-06			
8	108.00	7.47E-03	-5.81E-03	3.15E-02	-2.83E-02	4.73E-03	4.74E-02	2.99E-02	-2.82E-02	-38.39	7.47E-03	-2.83E-02
	-18.00	-7.70E-08	-5.83E-07	8.47E-07	-2.17E-06	3.64E-07	3.65E-06	7.84E-07	-1.45E-06			
9	216.00	-2.75E-02	-9.13E-02	-2.13E-02	-1.27E-01	2.93E-03	1.43E-01	8.82E-02	-1.67E-01	-42.33	-2.75E-02	-1.27E-01
	-303.00	5.57E-06	-1.02E-06	3.15E-07	-1.15E-05	2.66E-07	1.30E-05	5.31E-06	-6.28E-06			
10	216.00	2.14E-02	-5.48E-02	-1.26E-03	-9.82E-02	7.94E-03	[illegible]E-01	6.16E-02	-1.38E-01	-40.17	-2.14E-02	-9.82E[illegible]
	-213.0[illegible]	[illegible].46E-08	-1.49E-06	9.40E-07	-3.93E-05	7.22E-07	[illegible]-05	3.90E-06	-5.26E-06			
11	214.[illegible]	[illegible].32E-03	-4.74E-02	6.87E-02	-6.59E-02	1.98E-02	[illegible]-02	5.11E-02	-9.14E-02	-33.67	7.32E-03	-6.5[illegible]

	-135.0	[illegible].76E-05	-1.23E-06	1.41E-06	-2.90E-06	8.99E-07	[illegible]-06	1.01E-06	-2.23E-06					
12	168.0	[illegible].87E-02	-2.00E-01	-8.60E-02	-1.26E-01	3.65E-02	[illegible]-01	-1.32E-02	-2.86E-01	-34.08	-9.87E-02	-1.26E[illegible]		
	-68.00	4.32E-07	-3.47E-06	9.21E-07	-3.72E-06	2.82E-06	1.04E-05	3.72E-06	-6.76E-06					
13	216.00	1.34E-01	8.09E-02	1.73E-01	-5.96E-02	3.12E-02	2.85E-02	1.81E-01	3.40E-02	-34.38	8.09E-02	6.86E-02		
	-88.00	8.94E-07	-1.16E-06	2.40E-06	-5.28E-06	2.40E-06	2.15E-06	2.70E-06	-2.96E-06					
14	264.00	7.10E-02	6.70E-02	1.39E-01	-7.47E-02	-3.56E-03	8.07E-02	1.66E-01	8.21E-03	-49.96	1.29E-02	2.63E-02		
	-68.00	-6.40E-07	3.73E-07	1.06E-06	-5.74E-06	-2.74E-07	6.21E-06	2.78E-06	-3.05E-06					
15	180.00	3.52E-02	8.70E-03	6.83E-02	-7.18E-02	2.31E-02	4.39E-02	9.49E-02	-5.10E-02	-39.76	3.52E-02	-7.18E-02		
	-19.00	1.22E-07	-5.59E-07	1.39E-06	-5.52E-06	1.78E-06	3.37E-06	2.42E-06	-3.20E-06					
16	252.00	-1.30E-03	-2.29E-02	5.54E-02	-2.87E-02	1.11E-02	4.90E-02	1.86E-02	-4.27E-02	-34.75	-1.30E-03	-2.87E-02		
	-19.00	-3.95E-07	-1.22E-06	1.73E-06	-2.21E-06	8.57E-07	3.77E-06	3.72E-07	-1.99E-06					
17	361.00	-4.54E-02	-1.60E-01	-4.15E-02	-1.22E-01	2.35E-03	1.68E-01	5.19E-02	-1.97E-01	-38.67	-4.54E-02	-1.22E-01		
	-303.00	3.43E-07	-2.12E-06	5.42E-07	-1.11E-05	2.14E-07	1.52E-05	4.79E-06	-6.54E-06					
18	361.00	-2.14E-02	-1.03E-01	-3.60E-03	-1.07E-01	8.05E-03	1.37E-01	5.22E-02	-1.77E-01	-34.53	-2.14E-02	-1.07E-01		
	-213.00	6.92E-07	-3.02E-06	1.50E-06	-9.71E-06	7.35E-07	1.25E-05	4.03E-06	-6.36E-06					
19	361.00	1.81E-02	-8.77E-02	9.35E-02	-1.03E-01	2.49E-02	1.06E-01	8.12E-02	-1.51E-01	-31.43	1.81E-02	-1.03E-01		
	-138.00	2.86E-07	-2.12E-06	2.00E-06	-4.69E-06	1.13E-06	4.89E-06	1.72E-06	-3.55E-06					
20	312.00	-1.68E-01	-2.97E-01	-1.26E-01	-1.71E-01	5.69E-02	1.98E-01	-5.00E-02	-4.15E-01	-34.63	-1.68E-01	-1.71E-01		
	-68.00	3.21E-06	-4.93E-06	1.66E-06	-1.31E-05	4.38E-06	1.52E-05	4.56E-06	-9.47E-06					
21	360.67	2.05E-01	1.85E-01	2.56E-01	-1.11E-01	4.27E-02	5.71E-02	3.06E-01	8.38E-02	-42.52	1.85E-01	1.11E-01		
	-88.00	7.74E-07	3.36E-08	2.74E-06	-8.52E-06	3.29E-06	4.40E-06	4.68E-06	-3.87E-06					
22	409.33	-1.38E-01	-2.09E-01	-5.08E-02	-1.40E-01	9.42E-03	1.81E-01	-2.85E-02	-3.18E-01	-37.99	-3.18E-01	-5.30E-03		
	-68.00	-9.49E-07	-3.65E-06	2.41E-06	-1.08E-05	7.24E-07	1.39E-05	3.27E-06	-7.87E-06					
23	324.00	3.04E-02	1.09E-02	1.01E-01	-8.95E-02	4.05E-02	5.44E-02	1.16E-01	-6.54E-02	-40.48	3.94E-02	-8.95E-02		
	-19.00	-1.46E-07	-1.24E-06	2.22E-06	-6.88E-06	3.12E-06	4.18E-06	2.79E-06	-4.18E-06					
24	372.00	-9.14E-03	-5.19E-02	6.72E-02	-1.40E-01	3.99E-02	1.28E-01	1.11E-01	-1.72E-01	-40.66	-9.14E-03	-1.40E-01		
	-0.33	-4.20E-07	-2.06E-06	2.52E-06	-1.07E-05	3.07E-06	9.85E-06	4.19E-06	-6.67E-06					
25	401.25	2.42E-02	1.98E-02	1.14E-01	-5.01E-02	1.96E-02	7.07E-02	7.22E-02	-2.82E-02	-43.76	6.79E-02	-2.03E-02		
	-19.00	-8.09E-07	-9.75E-07	2.65E-06	-3.86E-06	1.50E-06	5.44E-06	1.04E-06	-2.82E-06					
26	427.67	-2.29E-01	-3.85E-01	-1.52E-01	-1.66E-01	5.13E-02	1.95E-01	-1.24E-01	-4.90E-01	-32.34	-3.42E-01	-1.90E-01		
	-9.33	-3.77E-07	-6.40E-06	2.57E-06	-1.27E-05	3.94E-06	1.50E-05	3.65E-06	-1.04E-05					
27	457.00	-5.60E-02	-1.39E-01	-5.73E-02	-1.11E-01	-9.29E-05	1.85E-01	2.11E-02	-2.17E-01	-34.72	-5.60E-02	-1.11E-01		
	-303.00	7.37E-07	-3.06E-06	6.77E-07	-1.01E-05	-8.45E-09	1.68E-05	4.24E-06	-6.56E-06					
28	457.00	-1.43E-02	-1.48E-01	-7.47E-03	-1.13E-01	7.74E-03	1.59E-01	4.99E-02	-2.12E-01	-29.68	-1.43E-02	-1.13E-01		
	-213.00	1.55E-06	-4.51E-06	1.86E-06	-1.02E-05	7.04E-07	1.44E-05	4.47E-06	-7.42E-06					
29	457.00	8.20E-02	-7.06E-02	1.37E-01	-1.38E-01	1.79E-02	1.10E-01	1.64E-01	-1.52E-01	-30.57	8.20E-02	-1.38E-01		
	-138.00	1.08E-06	-2.38E-06	2.34E-06	-6.30E-06	8.13E-07	5.01E-06	2.94E-06	-4.24E-06					
30	442.00	-2.26E-01	-5.15E-01	-2.15E-01	-2.46E-01	1.91E-02	2.49E-01	-8.50E-02	-6.56E-01	-29.81	-2.26E-01	-2.46E-01		
	-68.00	1.81E-06	-9.29E-06	2.24E-06	-1.89E-05	1.47E-06	1.91E-05	7.23E-06	-1.47E-05					
31	457.33	2.28E-01	-6.02E-02	1.57E-01	-5.22E-02	-4.85E-02	1.20E-01	2.38E-01	-6.94E-02	-9.94	-6.02E-02	5.22E-02		
	-88.00	5.21E-06	-5.89E-06	2.47E-06	-4.02E-06	-3.77E-06	9.21E-06	5.56E-06	-6.24E-06					
32	472.67	-6.72E-01	-1.02E+00	-5.91E-01	-1.74E-01	4.58E-02	2.70E-01	-6.01E-01	-1.09E+00	-22.40	-8.26E-01	-2.45E-01		
	-68.00	-7.48E-07	-1.42E-05	2.39E-06	-1.34E-05	3.52E-06	2.07E-05	2.00E-06	-1.69E-05					
33	443.00	-2.12E-02	-1.02E-01	5.20E-02	-1.61E-01	2.92E-02	1.02E-01	1.04E-01	-2.28E-01	-37.94	-2.12E-02	-1.61E-01		
	-19.50	-3.05E-08	-3.15E-06	2.79E-06	-1.24E-05	2.24E-06	7.87E-06	4.80E-06	-7.98E-06					
34	454.00	-6.21E-01	-7.43E-01	-4.47E-01	-2.99E-01	7.03E-02	2.59E-01	-3.76E-01	-9.87E-01	-39.22	-7.49E-01	-2.98E-01		
	-11.33	-3.97E-06	-8.69E-06	2.71E-06	-2.30E-05	5.38E-06	1.99E-05	5.42E-06	-1.81E-05					
35	461.67	-5.71E-01	-8.99E-01	-4.91E-01	-2.72E-01	2.56E-02	2.86E-01	-4.17E-01	-1.05E+00	-29.47	-5.71E-01	-2.72E-01		
	-12.00	-4.18E-07	-1.30E-05	2.67E-06	-2.09E-05	1.97E-06	2.20E-05	5.49E-06	-1.89E-05					
36	469.00	3.78E-01	2.32E-02	2.65E-01	-1.89E-02	-3.50E-02	1.25E-01	3.79E-01	2.22E-02	-3.04	2.32E-02	1.89E-02		
	-30.00	7.21E-06	-6.42E-06	2.97E-06	-1.45E-05	-2.69E-06	9.64E-06	7.25E-06	-6.46E-06					
37	476.33	-6.05E-01	-1.07E+00	-6.00E-01	-2.20E-01	2.63E-02	2.43E-01	-5.85E-01	-1.17E+00	-24.33	-7.86E-01	-2.78E-01		
	-12.00	-4.46E-07	-1.53E-05	2.82E-06	-1.69E-05	2.02E-06	1.87E-05	3.38E-06	-1.91E-05					
38	558.50	-3.92E-02	-1.26E-01	-4.10E-02	-8.31E-02	-5.12E-03	1.94E-01	1.12E-02	-1.76E-01	-31.23	-3.92E-02	-8.31E-02		
	-303.00	9.05E-07	-3.03E-06	7.84E-07	-7.55E-06	-4.65E-07	1.77E-05	3.19E-06	-5.32E-06					
39	558.50	-8.77E-03	-1.63E-01	-3.34E-03	-9.67E-02	-1.04E-02	1.74E-01	3.02E-02	-2.02E-01	-24.21	-8.77E-03	-8.67E-02		
	-213.00	1.97E-06	-5.12E-06	2.12E-06	-7.89E-06	-9.47E-07	1.59E-05	3.64E-06	-6.90E-06					
40	506.17	6.73E-02	-4.47E-01	2.23E-02	-2.10E-01	3.38E-02	3.35E-01	1.42E-01	-5.22E-01	-19.66	6.73E-02	-2.10E-01		
	-138.00	3.40E-06	-8.28E-06	2.38E-06	-9.57E-06	1.53E-06	1.52E-05	5.11E-06	-9.99E-06					
41	556.50	3.11E-01	-2.49E-01	2.01E-01	-1.09E-01	-2.48E-02	1.45E-01	3.31E-01	-2.68E-01	-10.62	-2.48E-01	1.09E-01		
	-148.00	5.67E-06	-7.01E-06	3.18E-06	-4.93E-06	-1.13E-06	6.61E-06	6.14E-06	-7.47E-06					
42	610.83	1.35E-02	-4.05E-01	4.96E-02	-1.36E-01	-6.23E-02	2.64E-01	5.38E-02	-4.46E-01	-16.51	-3.82E-01	-1.66E-01		
	-128.00	2.11E-06	-7.41E-06	2.91E-06	-6.19E-06	-2.83E-06	1.20E-05	3.02E-06	-8.33E-06					
43	501.28	1.37E-01	-6.73E-02	1.28E-01	-6.26E-02	8.10E-04	1.07E-01	1.54E-01	-8.50E-02	-15.83	1.36E-01	-6.26E-02		

	-78.00	3.06E-06	-4.[illegible]E-06	2.76E-06	-4.[illegible]E-05	[illegible].23E-05	6.27E-06	3.75E-06	-5.43E-06				
44	534.67	-9.27E-02	-4.19E-01	-2.[illegible]E-02	-2.64E-01	-[illegible].65E-03	1.84E-01	6.97E-03	-5.18E-01	-25.83	-4.87E-01	-1.25E-01	
	-68.00	3.02E-06	-9.50E-06	3.13E-06	-1.56E-05	-4.38E-07	1.42E-05	6.86E-06	-1.33E-05				
45	584.67	9.06E-03	-2.17E-01	2.29E-02	-5.26E-02	-2.99E-02	2.35E-01	2.61E-02	-2.44E-01	-18.09	9.06E-03	-8.26E-02	
	-68.00	2.38E-06	-6.31E-06	2.31E-06	-6.36E-06	-2.30E-06	1.61E-05	3.42E-06	-7.35E-06				
46	610.83	2.09E-01	-2.24E-01	1.05E-01	-3.42E-02	-9.66E-02	1.69E-01	2.11E-01	-2.26E-01	-4.50	-2.24E-01	3.42E-02	
	-88.00	7.01E-06	-9.49E-06	3.07E-06	-2.63E-05	-7.43E-06	1.30E-05	7.12E-06	-9.69E-06				
47	483.63	-5.55E-02	-2.30E-01	-1.05E-03	-5.04E-02	-9.73E-03	1.13E-01	-3.66E-02	-2.49E-01	-17.33	-5.55E-02	-6.04E-02	
	-21.00	1.09E-06	-5.53E-06	2.92E-06	-4.65E-06	-7.53E-07	8.72E-06	1.82E-06	-6.35E-06				
48	485.83	-7.59E-01	-1.20E+00	-6.79E-01	-1.59E-01	-4.39E-03	2.71E-01	-7.06E-01	-1.25E+00	-17.92	-7.80E-01	-1.85E-01	
	-12.00	-2.05E-07	-1.71E-05	2.80E-06	-1.22E-05	-3.37E-07	2.09E-05	1.76E-06	-1.90E-05				
49	507.98	4.32E-02	-1.40E-01	7.10E-02	-5.79E-02	-4.12E-03	1.14E-01	6.00E-02	-1.57E-01	-16.14	4.32E-02	-5.79E-02	
	-21.00	1.95E-06	-5.10E-06	3.01E-06	-4.45E-06	-3.17E-07	8.77E-06	2.59E-06	-5.75E-06				
50	538.67	-4.02E-02	-4.12E-01	-6.12E-02	-1.85E-01	-4.31E-02	1.66E-01	3.63E-02	-4.89E-01	-22.45	-4.29E-01	-1.67E-01	
	-10.00	4.10E-06	-1.02E-05	3.29E-06	-1.43E-05	-3.31E-06	1.27E-05	7.04E-06	-1.32E-05				
51	484.67	3.51E-02	4.97E-03	1.27E-01	2.55E-02	5.17E-02	4.26E-02	4.96E-02	-9.62E-03	29.75	4.97E-03	-2.55E-02	
	8.00	-4.90E-07	-1.65E-06	3.06E-06	1.96E-06	3.93E-06	3.28E-06	7.17E-08	-2.21E-06				
52	507.00	2.13E-01	1.65E-01	2.62E-01	1.08E-01	-1.70E-02	-9.08E-03	2.99E-01	7.85E-02	38.81	2.95E-01	3.25E-02	
	9.00	1.15E-06	-6.75E-07	3.04E-06	8.30E-06	-1.31E-06	-6.98E-07	4.49E-06	-4.01E-06				
53	603.00	7.98E-02	-4.87E-02	1.26E-01	-3.81E-02	-1.81E-02	8.49E-02	9.02E-02	-5.92E-02	-15.35	8.95E-02	1.02E-02	
	-18.00	1.34E-06	-3.60E-06	3.13E-06	-2.93E-06	-1.39E-06	6.53E-06	1.74E-06	-4.01E-06				
54	712.00	-3.02E-02	-8.60E-02	-2.33E-02	-5.48E-02	-1.28E-02	1.92E-01	3.39E-03	-1.26E-01	-31.53	-3.02E-02	-5.48E-02	
	-303.00	4.37E-07	-2.10E-06	7.53E-07	-4.98E-06	-1.17E-06	1.74E-05	1.97E-06	-3.62E-06				
55	712.00	3.43E-02	-7.80E-02	4.57E-02	-5.64E-02	-3.37E-02	1.77E-01	5.78E-02	-1.02E-01	-22.57	3.43E-02	-5.64E-02	
	-213.00	1.53E-06	-3.87E-06	2.05E-06	-5.13E-06	-3.07E-06	1.61E-05	2.60E-06	-4.64E-06				
56	712.00	1.51E-01	-2.76E-02	1.94E-01	-1.37E-02	-6.14E-02	1.61E-01	1.52E-01	-2.89E-02	-4.34	1.51E-01	-1.37E-02	
	-138.00	1.78E-06	-2.30E-06	2.74E-06	-6.22E-07	-2.79E-06	7.34E-06	1.80E-06	-2.32E-06				
57	712.00	8.86E-02	-1.97E-02	1.36E-01	-2.72E-02	-2.10E-02	9.92E-02	9.50E-02	-2.62E-02	-13.34	8.86E-02	-2.72E-02	
	-78.00	1.15E-06	-3.01E-06	2.99E-06	-2.09E-06	-1.61E-06	7.63E-06	1.40E-06	-3.26E-06				
58	712.00	6.84E-02	-7.04E-02	1.16E-01	-4.13E-02	-8.56E-03	1.24E-01	7.97E-02	-8.17E-02	-15.38	6.84E-02	-4.13E-02	
	-18.00	1.37E-06	-3.96E-06	3.21E-06	-3.18E-06	-6.58E-07	9.51E-06	1.81E-06	-4.40E-06				
59	837.00	1.22E-01	2.96E-02	6.07E-02	-4.19E-02	-1.10E-01	1.83E-01	1.38E-01	1.34E-02	-21.07	2.96E-02	4.19E-02	
	-318.00	2.80E-06	-1.42E-06	.00E+00	-3.81E-06	-9.96E-06	1.66E-05	3.53E-06	-2.15E-06				
60	887.00	-5.47E-02	-1.31E-01	-7.43E-02	-1.16E-01	-3.31E-02	4.38E-01	2.90E-02	-2.15E-01	-35.88	-2.13E-01	2.08E-02	
	-288.00	8.90E-07	-2.58E-06	.00E+00	-1.05E-05	-3.01E-06	3.98E-05	4.69E-06	-6.38E-06				
61	987.00	-7.93E-02	-1.21E-01	-8.01E-02	-1.05E-01	3.86E-02	4.47E-01	6.96E-03	-2.07E-01	-39.39	-7.93E-02	-1.05E-01	
	-288.00	3.65E-08	-1.86E-06	.00E+00	-9.54E-06	3.51E-06	4.06E-05	3.96E-06	-5.77E-06				
62	1037.00	6.23E-02	-9.44E-03	2.11E-02	-6.40E-02	-1.15E-01	3.84E-01	9.98E-02	-4.69E-02	-30.37	-9.44E-03	6.40E-02	
	-318.00	1.87E-06	-1.39E-06	.00E+00	-5.82E-06	-1.05E-05	3.49E-05	3.58E-06	-3.09E-06				
63	962.00	-1.02E-03	-6.80E-02	2.72E-02	-6.99E-02	-1.97E-02	2.25E-01	4.30E-02	-1.12E-01	-32.19	-1.02E-03	-6.99E-02	
	-213.00	4.97E-07	-2.55E-06	1.78E-06	-6.35E-06	-1.80E-06	2.05E-05	2.50E-06	-4.55E-06				
64	1012.00	7.72E-03	-5.95E-02	3.26E-02	-6.43E-02	7.31E-04	2.48E-01	4.66E-02	-9.85E-02	-31.19	7.72E-03	-6.43E-02	
	-213.00	6.01E-07	-2.45E-06	1.73E-06	-5.84E-06	6.65E-08	2.26E-05	2.37E-06	-4.23E-06				
65	937.00	1.37E-01	-9.03E-02	1.77E-01	-7.67E-02	5.13E-02	2.16E-01	1.61E-01	-1.14E-01	-17.01	-9.03E-02	7.67E-02	
	-148.00	1.94E-06	-3.23E-06	2.85E-06	-3.49E-06	2.33E-06	9.81E-06	2.47E-06	-3.76E-06				
66	937.00	6.59E-02	-1.14E-01	1.31E-01	-9.69E-02	-3.67E-02	2.82E-01	1.08E-01	-1.56E-01	-23.58	-1.56E-01	8.19E-03	
	-128.00	1.06E-06	-3.02E-06	2.55E-06	-4.40E-06	-1.67E-06	1.28E-05	2.02E-06	-3.98E-06				
67	1037.00	1.70E-01	-1.69E-01	1.42E-01	-1.04E-01	-1.05E-01	2.70E-01	1.99E-01	-1.99E-01	-15.75	-1.69E-01	1.04E-01	
	-148.00	3.11E-06	-4.60E-06	2.48E-06	-4.72E-06	-4.77E-06	1.23E-05	3.78E-06	-5.26E-06				
68	837.00	1.34E-02	-1.66E-01	3.88E-02	-1.02E-01	-1.44E-02	3.43E-01	6.48E-02	-2.12E-01	-23.89	1.94E-02	-1.02E-01	
	-68.00	1.94E-06	-5.21E-06	2.68E-06	-7.88E-06	-1.10E-06	2.64E-05	3.68E-06	-6.96E-06				
69	937.00	1.02E-01	4.62E-03	1.38E-01	-7.65E-02	-3.41E-02	1.37E-01	2.19E-01	-2.27E-02	-19.64	4.62E-03	7.65E-02	
	-88.00	3.15E-06	-4.05E-06	3.01E-06	-5.89E-06	-2.62E-06	1.06E-05	4.20E-06	-5.10E-06				
70	1037.00	-1.61E-01	-3.87E-01	-1.20E-01	-1.25E-01	-2.22E-02	3.36E-01	-1.05E-01	-4.42E-01	-23.89	-4.42E-01	1.23E-02	
	-68.00	1.15E-06	-7.54E-06	2.72E-06	-9.59E-06	-1.71E-06	2.58E-05	3.28E-06	-9.67E-06				
71	862.00	1.02E-01	-4.66E-02	1.41E-01	-4.36E-02	-2.47E-02	1.39E-01	1.14E-01	-5.85E-02	-15.22	1.02E-01	-4.36E-02	
	-18.00	1.76E-06	-3.95E-06	3.27E-06	-3.36E-05	-1.90E-06	1.07E-05	2.22E-06	-4.41E-06				
72	1012.00	3.33E-02	-8.34E-02	9.54E-02	-7.58E-02	-2.44E-02	1.39E-01	7.05E-02	-1.21E-01	-26.20	3.33E-02	-7.59E-02	
	-18.00	7.33E-07	-3.71E-06	3.17E-06	-5.83E-05	-1.88E-06	1.07E-05	2.22E-06	-5.14E-06				
73	1387.00	2.06E-04	-6.07E-03	1.13E-02	-3.80E-02	-5.36E-03	1.89E-01	3.53E-02	-4.10E-02	-42.61	2.96E-04	-3.80E-02	
	-303.00	-5.84E-08	-3.48E-07	4.42E-07	-3.45E-06	-4.89E-07	1.71E-05	1.53E-06	-1.94E-06				
74	1387.00	[illegible]51E-02	-1.27E-03	4.61E-02	-4.43E-02	-1.99E-02	1[illegible]-01	5.57E-02	-3.89E-02	-39.10	1.81E-02	-4.63E-	
	-213.0[illegible]	[illegible]81E-09	-8.75E-07	1.28E-06	-4.21E-06	-1.81E-06	[illegible]-05	1.72E-06	-2.59E-06				
75	1387.[illegible]	[illegible]51E-02	1.09E-02	1.17E-01	-3.19E-02	-6.02E-02	[illegible]-01	6.77E-02	-1.18E-02	-32.26	4.51E-02	-3.5[illegible]	

	-12[illegible]	[illegible].15E-07	-[illegible].62E-07	1.70E-06	-1.[illegible]E-05	-2.74E-06	[illegible]E-06	[illegible].30E-07	-1.16E-06					
76	1187.0[illegible]	[illegible].43E-02	[illegible].04E-02	1.49E-01	-5.35E-02	-[illegible].64E-02	[illegible]E-01	1.34E-01	2.15E-02	-36.30	9.43E-02	-5.35E[illegible]		
	-6[illegible].00	2.[illegible]E-07	-1.00E-06	2.35E-06	-4.11E-06	-5.11E-06	1.47E-05	1.90E-06	-2.51E-06					
77	1367.00	2.71E-02	-2.79E-02	5.22E-02	-2.19E-02	-5.45E-02	1.05E-01	3.48E-02	-3.55E-02	-19.22	-2.79E-02	2.18E-02		
	-9[illegible].00	2.04E-07	-1.72E-06	1.65E-06	-1.68E-05	-4.19E-06	8.40E-06	6.96E-07	-2.02E-06					
78	1587.00	3.17E-02	-3.54E-03	6.39E-02	-4.25E-02	-3.07E-02	9.97E-02	6.01E-02	-3.19E-02	-33.73	-1.85E-02	3.24E-02		
	-68.00	2.09E-07	-1.15E-06	1.45E-06	-3.27E-06	-2.36E-06	7.67E-06	1.30E-06	-2.24E-06					
79	1237.00	6.69E-02	-1.08E-02	1.10E-01	-4.21E-02	-7.47E-02	1.04E-01	8.52E-02	-2.92E-02	-23.65	6.68E-02	-4.21E-02		
	-18.00	7.45E-07	-2.24E-06	2.41E-06	-3.23E-06	-5.75E-05	8.02E-06	1.45E-06	-2.95E-06					
80	1433.80	3.80E-02	-3.51E-02	6.51E-02	-6.65E-02	-5.93E-02	9.93E-02	7.73E-02	-7.45E-02	-30.61	3.80E-02	-6.65E-02		
	-8.00	7.14E-07	-2.10E-06	1.76E-06	-5.12E-06	-4.56E-06	7.64E-06	2.23E-06	-3.61E-06					
81	1533.60	6.27E-02	4.39E-03	9.16E-02	-2.49E-02	-5.04E-02	4.81E-02	7.15E-02	-4.79E-03	-20.24	4.39E-03	2.49E-02		
	-28.00	7.79E-07	-1.47E-06	1.50E-06	-1.92E-06	-3.87E-06	3.70E-06	1.13E-06	-1.82E-06					
82	1433.80	7.90E-02	3.17E-02	9.57E-02	-1.21E-02	-3.47E-02	1.92E-02	8.19E-02	2.86E-02	-13.52	2.96E-02	-6.50E-03		
	-8.00	7.70E-07	-1.05E-06	1.41E-06	-9.28E-07	-2.67E-06	1.48E-06	8.81E-07	-1.16E-06					
83	1433.80	2.36E-01	7.33E-02	1.84E-01	-2.79E-02	-1.52E-01	6.56E-02	2.41E-01	6.87E-02	-9.46	7.33E-02	2.79E-02		
	27.60	3.66E-06	-2.60E-06	1.65E-06	-2.14E-06	-1.17E-05	5.05E-06	3.84E-06	-2.77E-06					
84	1206.10	9.25E-02	-1.13E-02	1.14E-01	-4.92E-02	-8.05E-02	6.89E-02	1.12E-01	-3.09E-02	-21.72	2.27E-02	6.92E-02		
	40.70	1.41E-06	-2.58E-06	2.24E-06	-3.79E-06	-6.19E-06	5.30E-06	2.17E-06	-3.33E-06					
85	1146.60	6.96E-02	-6.29E-03	1.36E-01	-8.31E-02	-9.15E-02	7.00E-02	1.23E-01	-5.97E-02	-32.72	-3.81E-02	-5.89E-02		
	57.33	4.02E-07	-2.43E-06	3.03E-06	-6.39E-06	-7.04E-06	5.38E-06	2.55E-06	-4.48E-06					
86	1131.40	2.75E-01	1.75E-01	2.70E-01	2.19E-02	-2.00E-01	4.05E-02	2.80E-01	1.70E-01	11.81	1.75E-01	-2.19E-02		
	112.00	2.67E-06	-1.18E-06	2.47E-06	1.68E-06	-1.54E-05	3.12E-06	2.85E-06	-1.36E-06					
87	1019.80	4.93E-02	-1.71E-01	7.55E-02	-4.85E-02	-5.22E-02	1.73E-01	5.95E-02	-1.81E-01	-11.87	-1.71E-01	4.85E-02		
	34.67	2.40E-06	-6.07E-06	3.41E-06	-3.73E-06	-4.02E-06	1.33E-05	2.80E-06	-6.46E-06					
88	886.60	7.28E-02	-7.33E-02	1.30E-01	-3.64E-02	-2.38E-02	1.14E-01	8.13E-02	-8.18E-02	-13.24	7.28E-02	-3.64E-02		
	46.00	1.37E-06	-4.24E-06	3.59E-06	-2.80E-06	-1.83E-06	8.78E-06	1.70E-06	-4.57E-06					
89	862.80	3.89E-01	1.98E-01	3.94E-01	1.39E-02	4.98E-03	1.39E-01	3.90E-01	1.97E-01	4.13	1.98E-01	-1.39E-02		
	96.00	4.20E-06	-3.18E-06	4.38E-06	1.07E-06	3.83E-07	1.07E-05	4.23E-06	-3.22E-06					
90	952.60	5.52E-02	-1.95E-01	8.94E-02	-1.19E-01	-4.53E-02	7.21E-02	1.03E-01	-2.43E-01	-21.72	-2.31E-01	6.34E-02		
	128.00	2.68E-06	-6.56E-06	4.00E-06	-9.13E-06	-3.48E-06	5.54E-06	4.50E-06	-8.77E-06					
91	869.90	1.06E-01	-1.20E-02	1.74E-01	-4.09E-02	-2.64E-02	6.95E-02	1.19E-01	-2.56E-02	-17.29	1.06E-01	-4.09E-02		
	160.00	1.13E-06	-3.43E-06	3.77E-06	-3.15E-06	-2.03E-06	5.34E-06	1.62E-06	-3.92E-06					
92	860.80	3.59E-01	1.10E-01	3.44E-01	5.23E-02	1.08E-02	1.85E-02	3.70E-01	9.95E-02	11.38	1.10E-01	-5.23E-02		
	203.60	4.89E-06	-4.70E-06	4.28E-06	4.02E-06	8.30E-07	1.42E-06	5.29E-06	-5.11E-06					
93	598.67	3.10E-01	-1.20E-01	1.16E-01	-8.32E-02	5.52E-02	1.27E-01	1.37E-01	-1.47E-01	-17.95	-1.20E-01	8.32E-02		
	16.00	3.06E-06	-5.78E-06	3.30E-06	-6.40E-06	4.25E-06	9.74E-06	4.10E-06	-6.82E-06					
94	645.75	8.62E-02	-6.63E-02	1.22E-01	-4.48E-02	-9.60E-04	8.40E-02	9.84E-02	-7.84E-02	-15.22	8.62E-02	-4.48E-02		
	24.00	1.75E-06	-4.11E-06	3.14E-06	-3.45E-06	-7.39E-08	6.47E-06	2.22E-06	-4.58E-06					
95	613.10	1.40E-01	7.44E-02	1.83E-01	-3.12E-02	4.36E-02	2.03E-01	1.53E-01	6.19E-02	-21.77	1.40E-01	-3.12E-02		
	60.33	1.02E-06	-1.51E-06	2.68E-06	-2.40E-06	3.36E-06	1.57E-05	1.50E-06	-1.99E-06					
96	708.45	1.39E-01	-3.49E-02	1.65E-01	-3.08E-02	5.62E-03	9.87E-02	1.44E-01	-4.01E-02	-9.76	-1.07E-03	7.53E-02		
	55.00	2.39E-06	-4.30E-06	3.38E-06	-2.37E-06	4.32E-07	7.59E-06	2.60E-06	-4.50E-06					
97	613.10	4.30E-01	2.57E-01	4.07E-01	2.69E-02	1.83E-01	4.26E-02	4.34E-01	2.53E-01	8.63	2.57E-01	-2.69E-02		
	96.00	4.52E-06	-2.13E-06	3.62E-06	2.07E-06	1.40E-05	3.28E-06	4.68E-06	-2.29E-06					
98	682.27	9.70E-02	-6.98E-02	1.29E-01	-1.40E-02	4.90E-02	1.56E-01	9.82E-02	-7.10E-02	-4.75	-4.98E-02	-5.60E-02		
	112.00	2.01E-06	-4.40E-06	3.25E-06	-1.07E-06	3.77E-06	1.20E-05	2.06E-06	-4.45E-06					
99	751.43	1.59E-01	-3.33E-01	7.38E-02	-8.21E-02	-3.22E-03	1.56E-01	1.72E-01	-3.46E-01	-9.23	-3.33E-01	8.21E-02		
	96.00	7.21E-06	-1.17E-05	3.94E-06	-6.31E-06	-2.47E-07	1.20E-05	7.72E-06	-1.22E-05					
100	683.25	1.25E-01	-1.24E-02	1.66E-01	-1.66E-02	4.24E-02	3.12E-02	1.27E-01	-1.43E-02	-6.80	1.25E-01	-1.66E-02		
	152.00	1.74E-06	-3.54E-06	3.34E-06	-1.28E-06	3.26E-06	2.40E-06	1.81E-06	-3.62E-06					
101	648.67	4.98E-01	2.96E-01	4.87E-01	4.26E-03	1.73E-01	6.49E-02	4.99E-01	2.96E-01	1.20	2.96E-01	-4.26E-03		
	192.00	5.10E-06	-2.70E-06	4.65E-06	3.27E-07	1.33E-05	4.89E-06	5.10E-06	-2.71E-06					
102	725.25	6.12E-02	-4.65E-02	1.21E-01	-4.73E-02	4.83E-02	-1.06E-02	7.91E-02	-6.44E-02	-20.65	-1.34E-02	6.87E-02		
	232.70	8.59E-07	-3.29E-06	3.14E-06	-3.64E-06	3.72E-06	-8.19E-07	1.54E-06	-3.97E-06					
103	635.50	3.80E-02	-2.62E-02	8.47E-02	-4.33E-03	3.86E-02	1.27E-01	3.83E-02	-2.72E-02	-3.80	3.80E-02	-4.33E-03		
	256.00	4.03E-07	-2.09E-06	2.21E-06	-3.33E-07	2.97E-06	9.74E-06	4.19E-07	-2.10E-06					
104	635.50	1.78E-01	1.09E-01	2.37E-01	1.02E-02	1.75E-01	-1.15E-02	1.79E-01	1.07E-01	8.30	1.09E-01	-1.02E-02		
	290.67	1.08E-05	-1.56E-06	3.35E-06	7.87E-07	1.35E-05	-8.84E-07	1.14E-06	-1.62E-06					
105	569.00	9.59E-02	-1.35E-01	9.54E-02	-1.23E-01	-3.19E-02	1.12E-01	1.49E-01	-1.88E-01	-23.39	9.59E-02	-1.23E-01		
	16.50	3.06E-06	-1.90E-06	3.05E-06	-9.43E-06	-2.45E-06	8.62E-06	5.10E-06	-7.84E-06					
106	508.50	5.02E-01	3.13E-01	4.51E-01	4.67E-02	7.73E-03	5.28E-02	5.19E-01	3.03E-01	12.75	3.13E-01	-4.67E-02		
	13.00	5.59E-06	-1.95E-06	3.37E-06	3.59E-06	5.55E-07	4.06E-06	5.98E-06	-2.36E-06					
107	521.00	6.46E-02	-4.33E-02	1.03E-01	-5.43E-02	-2.03E-02	7.38E-02	8.24E-02	-1.01E-01	-18.16	6.46E-02	-5.43E-02		

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	15.75	1.55E-06	-4.13E-06	3.04E-06	-4.13E-06	-1.55E-06	5.68E-06	2.24E-06	-4.52E-06				
108	526.25	6.00E-02	-7.22E-02	1.[illegible]E-01	-6.76E-02	-1.70E-02	7.52E-02	8.84E-02	-1.01E-01	-22.62	6.00E-02	-6.70E-02	
	21.00	1.70E-06	-3.70E-06	3.[illegible]E-06	-5.30E-06	-1.31E-06	5.78E-06	2.30E-06	-4.89E-06				
109	515.50	3.74E-01	2.22E-01	3.41E-01	-2.64E-02	2.43E-02	5.36E-02	3.79E-01	2.15E-01	-9.64	2.23E-01	2.04E-02	
	26.00	3.96E-06	-1.55E-06	3.36E-06	-2.03E-05	2.02E-06	4.14E-06	4.03E-06	-2.12E-06				
110	531.50	6.51E-02	-5.17E-02	1.11E-01	-6.32E-02	-1.28E-02	6.00E-02	9.28E-02	-7.94E-02	-23.64	6.51E-02	-6.32E-02	
	34.50	1.13E-06	-3.36E-06	2.91E-06	-4.86E-06	-9.87E-07	4.62E-06	2.20E-06	-4.42E-06				
111	515.50	1.74E-01	1.31E-01	2.21E-01	-7.56E-02	-5.64E-03	2.61E-01	2.33E-01	7.49E-02	-36.71	1.76E-01	-7.56E-02	
	44.00	9.48E-07	-7.64E-07	2.70E-06	-5.91E-06	-4.34E-07	2.01E-06	3.14E-06	-2.93E-06				
112	515.50	3.50E-01	2.21E-01	3.48E-01	-2.90E-02	4.64E-02	4.10E-02	3.65E-01	2.15E-01	-11.40	2.21E-01	2.90E-02	
	53.33	3.61E-06	-1.70E-06	3.19E-06	-2.23E-06	3.57E-06	3.22E-06	3.84E-06	-1.93E-06				
113	547.50	1.47E-02	-2.19E-01	2.73E-02	-1.09E-01	4.24E-03	-1.01E-01	5.77E-02	-2.62E-01	-21.50	-2.49E-01	6.53E-02	
	64.00	2.51E-06	-5.49E-06	3.00E-06	-8.40E-06	3.26E-07	-7.78E-06	4.17E-06	-8.14E-06				
114	515.50	1.33E-01	3.70E-02	1.57E-01	-1.83E-02	-1.04E-02	1.48E-01	1.36E-01	3.36E-02	-10.47	1.33E-01	-1.83E-02	
	74.67	1.51E-06	-2.17E-06	2.46E-06	-1.41E-06	-7.98E-07	1.14E-05	1.64E-06	-2.30E-06				
115	515.50	4.77E-01	2.92E-01	4.14E-01	-1.77E-02	2.76E-02	3.61E-02	4.79E-01	2.90E-01	-5.40	2.92E-01	1.77E-02	
	88.00	5.35E-06	-1.77E-06	2.92E-06	-1.36E-06	2.13E-06	2.78E-06	5.41E-06	-1.83E-06				
116	547.50	9.67E-02	-1.54E-01	7.73E-02	-1.23E-01	-2.02E-03	1.68E-02	1.47E-01	-2.04E-01	-22.19	-1.97E-01	4.92E-02	
	104.00	3.50E-06	-6.14E-06	2.75E-06	-9.43E-06	-1.56E-07	1.30E-06	5.42E-06	-8.06E-06				
117	515.50	4.72E-02	-7.70E-02	6.69E-02	-2.04E-02	3.51E-03	1.32E-01	5.04E-02	-8.02E-02	-9.08	4.72E-02	-2.04E-02	
	120.00	1.41E-06	-3.37E-06	2.17E-06	-1.57E-06	2.70E-07	1.02E-05	1.53E-06	-3.49E-06				
118	515.50	4.26E-01	2.62E-01	3.75E-01	-1.14E-02	6.20E-02	3.24E-02	4.27E-01	2.62E-01	-3.97	2.62E-01	1.14E-02	
	136.00	4.71E-06	-1.59E-06	2.72E-06	-8.80E-07	4.77E-06	2.49E-06	4.74E-06	-1.62E-06				
119	547.50	8.59E-02	-1.23E-01	7.84E-02	-7.29E-02	1.78E-02	2.03E-02	1.09E-01	-1.46E-01	-17.45	-1.45E-01	1.52E-02	
	152.00	2.85E-06	-5.19E-06	2.56E-06	-5.61E-06	1.37E-06	1.56E-06	3.73E-06	-6.07E-06				
120	515.50	3.26E-02	-1.11E-01	3.69E-02	1.02E-02	2.74E-02	1.85E-01	3.33E-02	-1.12E-01	4.03	3.26E-02	1.02E-02	
	168.00	1.71E-06	-3.83E-06	1.88E-06	7.84E-07	2.11E-06	1.42E-05	1.74E-06	-3.85E-06				
121	515.50	5.04E-01	3.22E-01	4.31E-01	-1.87E-02	1.24E-01	2.61E-02	5.05E-01	3.20E-01	-5.81	3.22E-01	1.87E-02	
	184.00	5.56E-06	-1.42E-06	2.77E-06	-1.44E-06	9.55E-06	2.01E-06	5.63E-06	-1.50E-06				
122	547.50	7.11E-02	-1.69E-01	5.59E-02	-1.30E-01	5.08E-02	-4.18E-03	1.28E-01	-2.25E-01	-23.63	-2.16E-01	5.80E-02	
	200.00	3.10E-06	-6.03E-06	2.61E-06	-9.98E-06	3.91E-06	-3.22E-07	5.38E-06	-6.21E-06				
123	515.50	-1.34E-01	-2.99E-01	-1.17E-01	-1.19E-02	6.20E-02	2.64E-01	-1.34E-01	-3.00E-01	-4.11	-1.34E-01	-1.19E-02	
	216.00	8.78E-07	-5.47E-06	1.56E-06	-9.16E-07	4.77E-06	2.03E-05	9.11E-07	-5.50E-06				
124	515.50	2.91E-01	1.99E-01	2.95E-01	-2.81E-02	2.19E-01	1.69E-02	2.99E-01	1.91E-01	-15.63	1.99E-01	2.81E-02	
	232.00	2.58E-06	-9.86E-07	2.72E-06	-2.16E-06	1.69E-05	1.30E-06	2.88E-06	-1.29E-06				
125	547.50	2.29E-01	1.97E-01	2.64E-01	-4.85E-02	1.02E-01	-2.33E-01	2.64E-01	1.62E-01	-35.86	1.76E-01	3.53E-02	
	248.00	1.23E-06	-5.54E-10	2.56E-06	-3.73E-06	7.83E-06	-1.80E-05	2.58E-06	-1.35E-06				
126	515.50	-9.96E-02	-2.30E-01	-9.54E-02	-3.92E-03	6.16E-02	2.07E-01	-9.94E-02	-2.30E-01	-1.72	-9.96E-02	-3.92E-03	
	264.00	7.31E-07	-4.29E-06	1.28E-06	-3.02E-07	4.74E-06	1.59E-05	7.36E-07	-4.29E-06				
127	515.50	2.74E-01	2.00E-01	2.74E-01	-4.59E-02	2.10E-01	4.59E-03	2.96E-01	1.76E-01	-25.63	2.00E-01	4.59E-02	
	276.00	2.31E-06	-5.21E-07	2.31E-06	-3.53E-06	1.61E-05	3.53E-07	3.16E-06	-1.37E-06				
128	531.50	1.06E-01	4.60E-02	1.13E-01	-1.93E-02	5.77E-02	-2.08E-03	1.12E-01	4.03E-02	-16.43	1.06E-01	-1.93E-02	
	297.00	1.16E-06	-1.15E-06	1.45E-06	-1.49E-05	4.44E-06	-1.60E-07	1.38E-06	-1.37E-06				
129	515.50	-1.06E-01	-3.22E-01	-1.43E-01	-2.95E-02	6.73E-02	1.88E-01	-1.02E-01	-3.26E-01	-7.64	-1.06E-01	-2.95E-02	
	320.00	2.21E-06	-6.11E-06	7.63E-07	-2.27E-06	5.17E-06	1.45E-05	2.36E-06	-6.26E-06				
183	565.50	6.92E-02	-2.48E-01	4.25E-02	-1.55E-01	-4.24E-02	1.77E-01	1.32E-01	-3.11E-01	-22.12	6.92E-02	-1.55E-01	
	-8.00	4.16E-06	-8.05E-06	3.14E-06	-1.19E-05	-3.26E-06	1.36E-05	6.58E-06	-1.05E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.9686E+01	-.5799E+02	-.8907E+02	-.5298E+01	-.2134E+02	.1236E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.5742E+00	-.4481E+00	-.3912E+00	-.73[illegible]	.5305E+01	.4038E+01
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.9769E+00	.2019E+00	-.2274E+00	.2247E+00	.1303E+02	.6571E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1270E+01	-.2612E+00	-.1191E+00	.5811E+00	.1949E+02	.9511E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1489E+01	.2456E+00	-.1045E+00	.7749E+00	.2612E+02	.1247E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.4524E+00	.1997E-01	-.1302E+00	-.1099E+00	.3224E+02	.1549E+02
25	-.2038E+01	-.3415E+00	-.7083E-01	-.1143E+01	.3539E+02	.1810E+02
26	.7143E+01	.1154E+01	-.1190E+00	-.5941E+00	.2718E+02	.2003E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3620E+01	.1226E+01	-.5064E+00	.4241E+00	.4907E+02	.2139E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2914E+03	-.4344E+02	-.2784E+01	-.1025E+01	.1208E+03	.3238E+02
40	-.1468E+03	-.1665E+02	-.5008E+01	.7617E+00	.1198E+03	.3008E+02
41	-.3551E+02	.9717E+00	-.4883E+01	.1970E+01	.1090E+03	.2672E+02
42	.8537E+01	.4566E+01	-.2421E+01	.1398E+01	.7922E+02	.2343E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1764E+03	-.2990E+02	-.1113E+01	.7836E+01	.1723E+03	-.8886E+01
48	-.1624E+03	-.2519E+02	-.1273E+01	-.1016E+02	.1114E+03	-.7286E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.6034E+02	.1010E+02	.6889E-01	-.3694E+02	.7797E+02	-.4530E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.7151E+00	-.5182E+01	-.1480E+00	.5316E+01	.1212E+03	-.7459E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.4333E+02	.7097E+01	.1129E+00	-.3332E+02	.6579E+02	-.4441E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3229E+02	.5544E+01	.2215E+00	-.3151E+02	.6577E+02	-.4357E+02
66	.1044E+02	.3503E+01	.3491E+00	-.3387E+02	.6441E+02	-.4495E+02
67	-.7347E+01	-.4937E+00	.4097E+00	-.3356E+02	.6444E+02	-.4516E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

75	-.1413E+02	-.1429E+01	.5093E+00	-.3445E+02	.6826E+02	-.3872E+02
76	-.3823E+00	.5843E+00	.5093E+00	-.3575E+02	.6861E+02	-.3753E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.7113E+01	-.3824E+00	.4583E+00	-.3622E+02	.6517E+02	-.3700E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4243E-02	.6476E+00	.4504E+00	-.3774E+02	.6120E+02	-.3434E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.5239E+01	-.1837E+00	.3972E+00	-.3456E+02	.5692E+02	-.3313E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3071E+01	.9738E-01	.3343E+00	-.3284E+02	.5263E+02	-.3113E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2018E+01	.8254E+00	.3660E+00	-.3038E+02	.4935E+02	-.2757E+02
109	-.3494E+01	-.4944E-01	.3852E+00	-.2878E+02	.4464E+02	-.2438E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.8955E+00	.5692E+00	.4227E+00	-.2164E+02	.4160E+02	-.1857E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1401E+02	-.1854E+01	.3261E+00	-.1645E+02	.3702E+02	-.1332E+02
115	.1353E+02	.2402E+01	.3964E+00	-.1135E+02	.3552E+02	-.7712E+01
116	-.3202E+01	-.1268E+00	.6150E+00	-.6592E+01	.3202E+02	-.2337E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.5777E+01	.1212E+01	.6598E+00	-.1083E+02	.2972E+02	-.5232E+01
119	.1484E+02	.2504E+01	.9037E+00	-.2755E+00	.2492E+02	.5393E+00
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.8444E+01	.1069E+00	.4120E+00	.4306E+01	.1433E+02	.2787E+01
122	.5526E+01	-.1552E+01	-.3599E+00	-.1075E-01	.1229E+02	-.6459E+00
123	.2655E+01	-.1392E+01	-.3042E+00	-.2247E+00	.9929E+01	-.8033E+00
124	.6847E+00	-.1091E+01	-.1996E+00	-.3579E+00	.7468E+01	-.9283E+00
125	-.9856E+00	-.9448E+00	-.1450E+00	-.4623E+00	.5445E+01	-.1039E+01
126	-.2926E+01	-.1115E+01	-.1579E+00	-.6090E+00	.3437E+01	-.1158E+01
127	-.3998E+01	-.1239E+01	-.2077E+00	-.6787E+00	.1782E+01	-.1257E+01
128	-.4555E+01	-.1182E+01	-.3433E+00	-.8610E+00	-.1099E+01	-.1342E+01
129	-.3642E+01	-.8598E+00	-.4493E+00	-.8814E+00	-.2870E+01	-.1321E+01
130	-.1993E+01	-.4198E+00	-.5067E+00	-.8025E+00	-.3642E+01	-.1170E+01
131	-.3046E+00	-.4357E-01	-.5017E+00	-.6263E+00	-.3224E+01	-.9470E+00
132	.7356E-01	.3423E-01	-.3985E+00	-.4430E+00	-.2202E+01	-.7049E+00
133	.1363E+00	.2986E-01	-.3388E+00	-.3214E+00	-.1483E+01	-.5290E+00
134	.2715E-01	-.8462E-03	-.3183E+00	-.2436E+00	-.1054E+01	-.3998E+00
135	-.1866E-01	-.7892E-02	-.3555E+00	-.1800E+00	-.7554E+00	-.2964E+00
[illegible]	.2059E-02	-.4552E-02	-.4658E+00	-.116[illegible]00	-.5041E+00	-.2025E+00
[illegible]	-.4715E-02	-.2194E-02	-.6732E+00	-.45[illegible]1	-.2390E+00	-.1142E+00
[illegible]	.1522E-01	-.3174E-02	-.5613E+01	.1[illegible]1	.7748E-01	-.6954E-01

-.4225E-02 -.6EE95-02 -.1327E+02 -.1[illegible]2 -.4404E-01 .5319E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5000E+00 (FOR FOURTH TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.50923E-02	-.31205E-04	.50714E-02	.00000E+00
3	-.94456E-02	-.90533E-04	.94646E-02	.00000E+00
4	-.10335E-01	-.91344E-04	.10353E-01	.00000E+00
5	-.13282E-01	-.27570E-04	.11296E-01	.00000E+00
6	-.13999E-01	.79732E-05	.12998E-01	.61217E-06
7	-.11763E-01	-.58418E-04	.11913E-01	.00000E+00
8	-.13035E-01	-.37272E-04	.13076E-01	.23184E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.50498E-02	-.14308E-04	.50994E-02	.00000E+00
11	-.95616E-02	-.28443E-04	.96789E-02	.00000E+00
12	-.10786E-01	-.89702E-05	.10914E-01	.00000E+00
13	-.11765E-01	.61503E-06	.11813E-01	.00000E+00
14	-.13131E-01	.28167E-04	.13278E-01	.52795E-06
15	-.11994E-01	.33541E-04	.12403E-01	.00000E+00
16	-.13264E-01	.66789E-04	.13612E-01	.15180E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.51425E-02	.23542E-04	.53012E-02	.00000E+00
19	-.98075E-02	.84201E-04	.10152E-01	.00000E+00
20	-.11114E-01	.10924E-03	.11503E-01	.00000E+00
21	-.12114E-01	.15120E-03	.12467E-01	.00000E+00
22	-.13452E-01	.21541E-03	.14078E-01	.15395E-05
23	-.12530E-01	.15475E-03	.13502E-01	.00000E+00
24	-.13677E-01	.21050E-03	.14691E-01	-.18019E-05
25	-.13832E-01	.17079E-03	.15090E-01	.11489E-05
26	-.13921E-01	.23344E-03	.15328E-01	.56188E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.52808E-02	.55511E-04	.54969E-02	.00000E+00
29	-.10213E-01	.18779E-03	.10656E-01	.00000E+00
30	-.11446E-01	.26253E-03	.12209E-01	.00000E+00
31	-.12603E-01	.25559E-03	.13666E-01	.00000E+00
32	-.14019E-01	.28562E-03	.15592E-01	-.53703E-05
33	-.12613E-01	.20358E-03	.13666E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.53106E-02	.11753E-04	.55187E-02	.00000E+00
36	-.10397E-01	.22649E-03	.10812E-01	.00000E+00
37	-.11637E-01	.27317E-03	.12158E-01	.00000E+00
38	-.13055E-01	.40064E-03	.14203E-01	.00000E+00
39	-.14158E-01	.40618E-03	.16029E-01	.12081E-04
40	-.14129E-01	.29983E-03	.15926E-01	.74967E-05
41	-.14101E-01	.23397E-03	.15831E-01	.32605E-05
42	-.14073E-01	.23240E-03	.15726E-01	-.19348E-05
43	-.11800E-01	.26336E-03	.12019E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.52416E-02	.20445E-03	.51433E-02	.00000E+00
46	-.10710E-01	.28372E-03	.10513E-01	.00000E+00
47	-.14172E-01	.48385E-03	.16067E-01	.81582E-05
48	-.14168E-01	.45116E-03	.16063E-01	.13634E-04
49	-.13054E-01	.37350E-03	.14080E-01	.00000E+00
50	-.14321E-01	.45779E-03	.16137E-01	.35785E-04
51	-.13403E-01	.34166E-03	.13826E-01	.00000E+00
52	-.14993E-01	.45920E-03	.15240E-01	.00000E+00
53	-.14182E-01	.52224E-03	.16081E-01	.11129E-06
54	-.11014E-01	.34507E-03	.11291E-01	.00000E+00
55	-.13351E-01	.27706E-03	.12568E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.44058E-02	-.40467E-03	.39496E-02	.00000E+00
58	-.99054E-02	-.42250E-04	.77477E-02	.00000E+00

59	-.15434E-01	.50418E-03	.14602E-01	.00000E+00
60	-.15104E-01	.45707E-03	.14870E-01	.00000E+00
61	-.14457E-01	.46027E-03	.16183E-01	.54024E-04
62	-.11568E-01	.22530E-03	.93822E-02	.00000E+00
63	-.13192E-01	.39473E-03	.11071E-01	.00000E+00
64	-.15303E-01	.49014E-03	.15471E-01	.00000E+00
65	-.14639E-01	.46217E-03	.16227E-01	.66566E-04
66	-.15086E-01	.46509E-03	.16314E-01	.90119E-04
67	-.15565E-01	.47192E-03	.16409E-01	.75864E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.37121E-02	.12156E-03	.26012E-02	.00000E+00
70	-.10653E-01	.22521E-03	.93868E-02	.00000E+00
71	-.15343E-01	.56306E-03	.12937E-01	.00000E+00
72	-.15758E-01	.53523E-03	.15547E-01	.00000E+00
73	-.13126E-01	.27365E-03	.10079E-01	.00000E+00
74	-.16719E-01	.59149E-03	.16277E-01	.00000E+00
75	-.15969E-01	.47016E-03	.16494E-01	.57059E-04
76	-.16501E-01	.47588E-03	.16652E-01	.39137E-04
77	-.14937E-01	.52300E-03	.11707E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.45276E-02	-.75341E-04	.36183E-02	.00000E+00
80	-.10406E-01	.28557E-03	.79119E-02	.00000E+00
81	-.11533E-01	.33919E-03	.87844E-02	.00000E+00
82	-.12791E-01	.49737E-03	.97968E-02	.00000E+00
83	-.17107E-01	.75212E-03	.14482E-01	.00000E+00
84	-.16497E-01	.66514E-03	.12976E-01	.00000E+00
85	-.17100E-01	.48330E-03	.16859E-01	.30970E-04
86	-.17337E-01	.62869E-03	.16733E-01	.00000E+00
87	-.15259E-01	.50306E-03	.11636E-01	.00000E+00
88	-.17509E-01	.61188E-03	.15805E-01	.00000E+00
89	-.17502E-01	.48286E-03	.17058E-01	.24654E-04
90	-.12441E-01	.94320E-04	.91758E-02	.00000E+00
91	-.13195E-01	.17128E-03	.96126E-02	.00000E+00
92	-.13972E-01	.18977E-04	.10035E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.55825E-02	.00000E+00	.42798E-02	.00000E+00
95	-.10116E-01	.00000E+00	.75673E-02	.00000E+00
96	-.11467E-01	.00000E+00	.84635E-02	.00000E+00
97	-.12016E-01	.00000E+00	.87105E-02	.00000E+00
98	-.11300E-01	.00000E+00	.86189E-02	.00000E+00
99	-.13748E-01	-.56381E-04	.91315E-02	.00000E+00
100	-.14942E-01	.10439E-03	.10579E-01	.00000E+00
101	-.17354E-01	.34631E-03	.13212E-01	.00000E+00
102	-.18135E-01	.48594E-03	.17350E-01	.22374E-04
103	-.17936E-01	.68010E-03	.15018E-01	.00000E+00
104	-.18462E-01	.59007E-03	.17399E-01	.00000E+00
105	-.18575E-01	.49135E-03	.17609E-01	.19781E-04
106	-.18615E-01	.83541E-03	.16147E-01	.00000E+00
107	-.19235E-01	.59206E-03	.17837E-01	.00000E+00
108	-.18099E-01	.49328E-03	.17858E-01	.18948E-04
109	-.19467E-01	.50471E-03	.18071E-01	.15900E-04
110	-.19449E-01	.45545E-03	.17083E-01	.00000E+00
111	-.20014E-01	.49535E-03	.18426E-01	.00000E+00
112	-.19875E-01	.51102E-03	.18265E-01	.14281E-04
113	-.19891E-01	.59259E-03	.17653E-01	.00000E+00
114	-.20100E-01	.52346E-03	.18417E-01	.59750E-05
115	-.20198E-01	.54064E-03	.18550E-01	.22502E-05
116	-.20217E-01	.55943E-03	.18639E-01	-.47932E-06
117	-.20141E-01	.49337E-03	.18771E-01	.00000E+00
118	-.20202E-01	.56446E-03	.18681E-01	-.22204E-05
119	-.20178E-01	.57536E-03	.18740E-01	-.51490E-05
[illegible]	-.20310E-01	.57597E-03	.18925E-01	[illegible]00000E+00
[illegible]	-.19250E-01	.50328E-03	.18784E-01	[illegible]0261E-04
[illegible]	-.19830E-01	.48006E-03	.19809E-01	[illegible]262CE-04

	-.19698E-01	.76325E-03	.19831E-01	.14431E-04
	-.19861E-01	.85503E-03	.19853E-01	.15458E-04
	-.19811E-01	.96319E-03	.19876E-01	.16787E-04
126	-.19711E-01	.11574E-02	.19914E-01	-.21303E-04
127	-.19613E-01	.13340E-02	.19951E-01	-.21350E-04
128	-.19623E-01	.18115E-02	.19028E-01	-.16517E-04
129	-.19304E-01	.21015E-02	.19098E-01	-.96457E-05
130	-.19251E-01	.22456E-02	.19175E-01	-.17973E-05
131	-.19305E-01	.21109E-02	.19292E-01	.63274E-05
132	-.19416E-01	.17503E-02	.19394E-01	.84432E-05
133	-.19514E-01	.14027E-02	.19492E-01	.73657E-05
134	-.19579E-01	.11046E-02	.19554E-01	.62158E-05
135	-.19626E-01	.83342E-03	.19611E-01	.58614E-05
136	-.19660E-01	.57576E-03	.19653E-01	.59081E-05
137	-.19680E-01	.31300E-03	.19678E-01	.59736E-05
138	-.19693E-01	.47703E-04	.19693E-01	.60295E-05
139	-.19693E-01	.59174E-05	.19693E-01	.59290E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.87E-03	-6.02E-03	1.81E-03	-6.19E-01	-2.79E-05	6.23E-01	6.18E-01	-6.21E-01	-44.79	2.87E-03	-6.19E-01
	-303.00	1.48E-07	-2.56E-07	9.98E-08	-5.63E-05	-2.53E-09	5.67E-05	2.81E-05	-2.82E-05			
2	72.00	-9.53E-03	-1.29E-02	8.68E-03	-5.39E-01	2.95E-03	5.55E-01	5.28E-01	-5.50E-01	-44.91	-9.53E-03	-5.39E-01
	-213.00	-2.55E-07	-4.07E-07	5.73E-07	-4.90E-05	2.68E-07	5.04E-05	2.42E-05	-2.48E-05			
3	72.00	-1.11E-01	-1.40E-02	1.79E-02	-3.78E-01	3.79E-02	4.05E-01	3.19E-01	-4.43E-01	-48.65	-1.11E-01	-3.78E-01
	-138.00	-1.96E-06	2.42E-07	9.67E-07	-1.72E-05	1.72E-06	1.84E-05	7.80E-06	-9.52E-06			
4	24.00	-3.76E-01	-1.46E-01	-1.86E-01	-7.23E-01	1.05E-01	7.86E-01	4.71E-01	-9.93E-01	-49.52	-3.76E-01	-7.23E-01
	-68.00	-6.68E-06	2.17E-06	6.14E-07	-5.56E-05	8.08E-06	6.05E-05	2.59E-05	-3.04E-05			
5	72.00	7.19E-02	2.51E-02	1.03E-01	-3.00E-01	-1.20E-02	3.26E-01	3.49E-01	-2.52E-01	-42.77	2.51E-02	3.00E-01
	-88.00	5.64E-07	-1.24E-06	1.77E-06	-2.31E-05	-9.23E-07	2.51E-05	1.12E-05	-1.19E-05			
6	120.00	2.70E-02	1.46E-02	5.54E-02	-6.25E-01	-3.18E-02	6.07E-01	6.46E-01	-6.04E-01	-44.71	-5.95E-01	1.07E-01
	-68.00	-2.60E-08	-5.05E-07	1.06E-06	-4.81E-05	-2.45E-06	4.67E-05	2.38E-05	-2.43E-05			
7	36.25	-1.89E-01	-8.16E-02	-5.02E-02	-3.42E-01	4.67E-02	3.32E-01	2.11E-01	-4.81E-01	-49.45	-1.77E-01	-3.44E-01
	-10.00	-3.63E-06	4.93E-07	1.32E-06	-2.63E-05	3.59E-06	2.55E-05	1.17E-05	-1.49E-05			
8	108.00	1.67E-02	4.47E-02	5.68E-02	-2.85E-01	-2.29E-03	2.97E-01	3.16E-01	-2.55E-01	-46.41	1.67E-02	-2.85E-01
	-10.00	-6.57E-07	4.20E-07	8.86E-07	-2.19E-05	-1.76E-07	2.28E-05	1.09E-05	-1.11E-05			
9	216.00	-8.51E-03	-3.61E-04	3.88E-03	-6.21E-01	5.05E-03	6.35E-01	6.17E-01	-6.26E-01	-45.19	-8.51E-03	-6.21E-01
	-303.00	-3.22E-07	4.85E-08	2.41E-07	-5.65E-05	4.59E-07	5.78E-05	2.81E-05	-2.84E-05			
10	216.00	-3.21E-02	-5.42E-04	1.08E-02	-5.55E-01	1.72E-02	5.75E-01	5.39E-01	-5.72E-01	-45.81	-3.21E-02	-5.55E-01
	-213.00	-1.18E-06	2.59E-07	7.75E-07	-5.05E-05	1.57E-06	5.23E-05	2.48E-05	-2.57E-05			
11	216.00	-1.04E-01	-2.00E-04	3.35E-02	-4.46E-01	5.62E-02	4.70E-01	3.97E-01	-5.02E-01	-48.31	-1.04E-01	-4.46E-01
	-138.00	-1.99E-06	3.66E-07	1.13E-06	-2.03E-05	2.56E-06	2.14E-05	9.40E-06	-1.10E-05			
12	168.00	-1.56E-01	-4.60E-02	-5.30E-02	-6.80E-01	9.66E-02	7.13E-01	5.81E-01	-7.83E-01	-47.30	-1.56E-01	-6.80E-01
	-68.00	-3.19E-06	1.03E-06	7.60E-07	-5.23E-05	7.43E-06	5.48E-05	2.51E-05	-2.73E-05			
13	216.00	1.18E-01	2.90E-02	1.24E-01	-2.58E-01	1.81E-03	2.86E-01	3.35E-01	-1.88E-01	-40.11	2.90E-02	2.58E-01
	-88.00	1.56E-06	-1.87E-06	1.80E-06	-1.99E-05	1.39E-07	2.20E-05	9.92E-06	-1.02E-05			
14	264.00	-4.35E-02	4.67E-03	3.81E-02	-6.03E-01	-7.57E-03	6.07E-01	5.84E-01	-6.23E-01	-46.14	-4.08E-01	1.32E-01
	-68.00	-1.67E-06	1.87E-07	1.47E-06	-4.64E-05	-5.82E-07	4.67E-05	2.25E-05	-2.39E-05			
15	180.00	-1.00E-01	-2.11E-02	-3.18E-04	-2.89E-01	6.62E-02	2.97E-01	2.31E-01	-3.52E-01	-48.69	-1.00E-01	-2.89E-01
	-10.00	-2.51E-06	5.24E-07	1.32E-06	-2.22E-05	5.09E-06	2.29E-05	1.02E-05	-1.22E-05			
16	252.00	-3.37E-02	4.38E-02	6.67E-02	-2.68E-01	2.55E-02	3.10E-01	2.76E-01	-2.66E-01	-49.11	-3.37E-02	-2.68E-01
	-15.00	-2.14E-06	8.40E-07	1.72E-06	-2.06E-05	1.96E-06	2.38E-05	9.78E-06	-1.11E-05			
17	361.00	-4.71E-04	1.56E-02	1.57E-02	-6.36E-01	4.52E-03	6.59E-01	6.45E-01	-6.26E-01	-45.45	-4.71E-04	-6.36E-01
	-303.00	-4.73E-07	4.40E-07	2.60E-07	-5.78E-05	4.11E-07	5.99E-05	2.89E-05	-2.89E-05			
18	361.00	-4.03E-02	2.42E-02	1.54E-02	-5.81E-01	1.75E-02	6.09E-01	5.74E-01	-5.90E-01	-46.59	-4.03E-02	-5.81E-01
	-213.00	-1.96E-06	1.07E-06	8.05E-07	-5.29E-05	1.59E-06	5.54E-05	2.61E-05	-2.69E-05			
19	361.00	-1.23E-01	2.44E-02	4.73E-02	-4.46E-01	6.17E-02	5.23E-01	4.03E-01	-5.02E-01	-49.69	-1.23E-01	-4.46E-01
	-138.00	-2.53E-06	8.23E-07	1.34E-06	-2.03E-05	2.80E-06	2.38E-05	9.43E-06	-1.11E-05			
20	312.00	-2.72E-01	-6.38E-02	-8.67E-02	-7.39E-01	1.71E-01	8.46E-01	5.79E-01	-9.14E-01	-49.00	-2.72E-01	-7.39E-01

	-68.00	-5.78E-06	2.21E-06	1.26E-06	-5.69E-05	1.31E-05	6.51E-05	2.69E-05	-3.05E-05				
21	360.67	1.06E-01	5.29E-02	1.77E-01	-3.15E-01	-1.68E-02	4.11E-01	4.47E-01	-1.98E-01	-38.58	5.29E-02	3.15E-01	
	-96.00	2.87E-06	-2.65E-06	2.12E-06	-2.42E-05	-1.30E-06	3.16E-05	1.25E-05	-1.23E-05				
22	406.33	-8.55E-02	-1.13E-01	-1.14E-02	-7.19E-01	4.73E-03	5.03E-01	6.20E-01	-8.16E-01	-44.46	-8.05E-01	1.35E-01	
	-48.00	-9.86E-07	-2.68E-06	1.64E-06	-5.53E-05	3.64E-07	6.95E-05	2.61E-05	-2.91E-05				
23	324.00	-1.74E-01	-3.19E-02	7.13E-04	-2.79E-01	1.19E-01	3.06E-01	1.84E-01	-3.91E-01	-52.18	-1.74E-01	-2.79E-01	
	-19.00	-4.45E-06	1.03E-06	2.39E-06	-2.14E-05	9.16E-06	2.36E-05	9.35E-06	-1.28E-05				
24	372.00	-8.59E-02	5.33E-02	9.40E-02	-8.20E-01	1.10E-01	6.84E-01	8.23E-01	-8.26E-01	-47.95	-8.59E-02	-8.20E-01	
	-9.33	-4.31E-06	2.20E-06	2.61E-06	-6.31E-05	8.49E-06	6.80E-05	3.06E-05	-3.28E-05				
25	401.25	-4.57E-02	5.03E-03	9.03E-02	-2.63E-01	3.60E-02	3.47E-01	2.43E-01	-2.84E-01	-47.76	2.04E-01	-1.39E-01	
	-19.00	-2.30E-06	-3.52E-07	2.93E-06	-2.02E-05	2.92E-06	2.67E-05	8.82E-06	-1.15E-05				
26	427.67	-2.36E-01	-8.72E-02	-3.96E-02	-8.94E-01	1.49E-01	1.23E+00	7.35E-01	-1.06E+00	-47.41	-7.52E-01	-6.76E-01	
	-9.33	-5.14E-06	6.53E-07	2.40E-06	-6.08E-05	1.14E-05	9.45E-05	3.23E-05	-3.68E-05				
27	457.00	5.22E-03	2.06E-02	1.75E-02	-6.52E-01	4.39E-05	6.73E-01	6.65E-01	-6.40E-01	-45.34	5.22E-03	-6.52E-01	
	-303.00	-3.25E-07	3.74E-07	2.32E-07	-5.93E-05	3.99E-09	6.12E-05	2.97E-05	-2.96E-05				
28	457.00	-3.77E-02	5.58E-02	2.89E-02	-6.13E-01	1.35E-02	6.36E-01	6.24E-01	-6.06E-01	-47.18	-3.77E-02	-6.13E-01	
	-213.00	-2.32E-06	1.03E-06	7.02E-07	-5.57E-05	1.23E-06	5.78E-05	2.77E-05	-2.81E-05				
29	457.00	-2.42E-01	-1.79E-02	-1.09E-02	-4.42E-01	-7.26E-04	5.20E-01	3.26E-01	-5.86E-01	-52.11	-2.42E-01	-4.42E-01	
	-138.00	-4.08E-06	1.01E-06	1.17E-06	-2.01E-05	-3.30E-08	2.36E-05	8.83E-06	-1.15E-05				
30	442.00	-4.89E-03	-2.59E-02	5.05E-02	-7.82E-01	-2.28E-02	5.39E-01	7.67E-01	-7.98E-01	-44.62	-4.89E-03	-7.82E-01	
	-68.00	-4.04E-07	-1.21E-06	1.73E-06	-6.02E-05	-1.75E-06	7.23E-05	2.93E-05	-3.09E-05				
31	457.33	9.73E-01	5.92E-01	6.68E-01	-2.94E-01	-4.70E-01	4.90E-01	1.13E+00	4.32E-01	-28.52	5.92E-01	2.94E-01	
	-88.00	1.29E-05	-1.77E-06	1.14E-06	-2.26E-05	-3.61E-05	3.77E-05	1.91E-05	-7.92E-06				
32	472.67	-1.35E+00	-7.45E-01	-7.97E-01	-7.09E-01	3.03E-01	1.21E+00	-2.76E-01	-1.82E+00	-56.50	-1.73E+00	-3.46E-01	
	-68.00	-2.01E-05	3.09E-06	1.10E-06	-5.45E-05	2.33E-05	9.27E-05	2.11E-05	-3.81E-05				
33	443.00	-1.37E-01	-3.10E-02	4.25E-02	-3.74E-01	5.39E-02	4.58E-01	2.93E-01	-4.61E-01	-49.04	-1.37E-01	-3.74E-01	
	-19.50	-3.89E-06	1.86E-07	3.02E-06	-2.87E-05	4.14E-06	3.52E-05	1.27E-05	-1.64E-05				
34	454.00	-1.04E+00	-5.70E-01	-5.58E-01	-1.06E+00	3.39E-01	1.53E+00	2.78E-01	-1.86E+00	-51.24	-1.45E+00	-8.67E-01	
	-11.33	-1.41E-05	1.88E-06	2.32E-06	-8.12E-05	2.61E-05	1.18E-04	3.45E-05	-4.87E-05				
35	461.67	8.33E-02	2.30E-01	2.08E-01	-1.01E+00	8.34E-02	1.58E+00	1.17E+00	-8.58E-01	-47.07	8.33E-02	-1.01E+00	
	-12.00	-2.53E-06	3.11E-06	2.28E-06	-7.78E-05	6.41E-06	1.22E-04	3.93E-05	-3.87E-05				
36	460.00	6.61E-01	3.60E-01	4.98E-01	-9.50E-02	-4.15E-01	6.11E-01	6.88E-01	3.33E-01	-16.16	3.60E-01	9.50E-02	
	-30.00	8.73E-06	-2.83E-06	2.45E-06	-7.31E-06	-3.20E-05	4.70E-05	9.79E-06	-3.85E-06				
37	476.33	-1.66E-01	-1.42E-01	-3.54E-02	-6.63E-01	9.04E-02	1.28E+00	5.09E-01	-8.17E-01	-45.53	-4.24E-01	-6.06E-01	
	-12.00	-2.62E-06	-1.68E-06	2.41E-06	-5.10E-05	6.95E-06	5.87E-05	2.34E-05	-2.77E-05				
38	558.50	9.15E-02	1.24E-01	8.78E-02	-6.35E-01	-1.37E-02	6.50E-01	7.43E-01	-5.27E-01	-45.74	9.15E-02	-6.35E-01	
	-303.00	2.20E-07	1.70E-06	4.91E-08	-5.77E-05	-1.24E-06	5.91E-05	2.98E-05	-2.79E-05				
39	558.50	4.98E-03	4.70E-02	2.53E-02	-6.33E-01	-2.53E-02	6.48E-01	6.59E-01	-6.07E-01	-45.95	4.98E-03	-6.33E-01	
	-213.00	-7.78E-07	1.13E-06	1.47E-07	-5.76E-05	-2.30E-06	5.89E-05	2.90E-05	-2.86E-05				
40	506.17	-6.08E-02	1.26E-01	6.65E-02	-1.43E+00	-5.69E-02	1.42E+00	1.46E+00	-1.40E+00	-46.67	-6.08E-02	-1.43E+00	
	-128.00	-2.07E-06	2.17E-06	8.21E-07	-6.49E-05	-2.59E-06	6.45E-05	3.26E-05	-3.25E-05				
41	558.50	1.09E-01	4.65E-02	5.34E-02	-5.81E-01	-2.87E-01	8.17E-01	7.08E-01	-4.63E-01	-41.27	4.65E-02	5.81E-01	
	-148.00	2.95E-06	-5.09E-07	-3.53E-07	-2.64E-05	-1.31E-05	3.72E-05	1.45E-05	-1.21E-05				
42	610.83	-6.58E-02	7.29E-02	-1.63E-02	-1.26E+00	-1.97E-01	1.11E+00	1.26E+00	-1.26E+00	-46.58	-1.19E+00	3.97E-01	
	-128.00	-1.45E-06	1.71E-06	-3.23E-07	-5.72E-05	-8.56E-06	5.06E-05	2.88E-05	-2.85E-05				
43	501.38	3.82E-02	1.14E-01	1.14E-01	-3.13E-01	-1.02E-01	3.87E-01	3.91E-01	-2.39E-01	-48.43	3.82E-02	-3.13E-01	
	-78.00	-1.45E-06	1.45E-06	1.45E-06	-2.41E-05	-7.83E-06	2.98E-05	1.21E-05	-1.21E-05				
44	534.67	-1.23E-01	1.22E-01	1.48E-02	-9.73E-01	-5.15E-02	1.22E+00	9.81E-01	-9.81E-01	-48.59	-9.37E-01	2.90E-01	
	-68.00	-4.88E-06	4.55E-06	4.10E-07	-7.49E-05	-3.96E-06	9.41E-05	3.76E-05	-3.79E-05				
45	584.67	2.10E-01	2.75E-01	2.11E-01	-1.04E+00	-2.13E-01	8.96E-01	1.29E+00	-7.94E-01	-45.78	2.19E-01	-1.04E+00	
	-68.00	6.64E-07	2.84E-06	3.75E-07	-8.01E-05	-1.64E-05	6.89E-05	4.16E-05	-3.83E-05				
46	610.83	9.60E-01	4.65E-01	5.33E-01	-5.60E-01	-4.40E-01	7.04E-01	1.32E+00	1.01E-01	-33.07	4.65E-01	5.60E-01	
	-88.00	1.54E-05	-3.63E-06	-1.02E-06	-4.31E-05	-3.38E-05	5.42E-05	2.94E-05	-1.76E-05				
47	482.63	1.18E-01	1.68E-01	2.27E-01	-2.21E-01	-1.21E-01	4.45E-01	3.65E-01	-7.87E-02	-48.23	1.18E-01	-2.21E-01	
	-21.00	-1.09E-06	8.31E-07	3.09E-06	-1.70E-05	-9.29E-06	3.42E-05	8.41E-06	-8.67E-06				
48	485.83	2.80E-01	4.63E-01	3.78E-01	-6.66E-01	-1.44E-02	1.42E+00	1.05E+00	-2.96E-01	-48.70	2.05E-01	-6.50E-01	
	-12.00	-1.29E-06	5.38E-06	2.11E-06	-5.13E-05	-1.10E-06	1.10E-04	2.79E-05	-2.38E-05				
49	507.88	9.25E-03	1.80E-01	1.70E-01	-2.47E-01	-6.00E-02	4.85E-01	3.56E-01	-1.67E-01	-54.53	9.25E-03	-2.47E-01	
	-21.00	-3.58E-06	2.92E-06	2.58E-06	-1.90E-05	-4.62E-06	3.73E-05	9.75E-06	-1.04E-05				
50	535.67	-1.44E-01	2.17E-01	8.77E-02	-8.81E-01	-3.05E-01	1.09E+00	9.36E-01	-8.63E-01	-50.78	-8.23E-01	2.64E-01	
	-10.00	-6.96E-06	6.89E-06	7.85E-07	-6.78E-05	-2.35E-05	6.41E-05	3.46E-05	-3.46E-05				
51	484.67	3.37E+00	2.35E+00	2.44E+00	6.38E-02	-2.84E-01	1.46E-01	3.38E+00	2.36E+00	3.61	2.36E+00	-6.39E-02	
	6.00	[illegible]	1.11E-06	3.91E-06	4.91E-06	-2.18E-05	[illegible]	4.01E-05	9.51E-07				
52	507	[illegible]	-1.12E+00	-7.36E-01	-6.40E-01	-1.39E-01	[illegible]	-4.06E-01	-1.69E+00	-41.70	-1.57E+00	[illegible]	

	5.	-6.38E-06	-1.21E-05	2.[illegible]E-06	-4.02E-05	-1.07E-05	[illegible]9E-05	1.55E-05	-3.40E-05				
53	402.	[illegible]4.07E-02	7.32E-02	-1.[illegible]E-02	-4.06E-01	-1.33E-01	[illegible]E-01	4.17E-01	-4.05E-01	-49.68	2.07E-01	-3.59[illegible]	
	-15.	2.20E-06	2.[illegible]E-06	-[illegible]E-07	-3.12E-05	-1.02E-05	[illegible]0E-05	1.61E-05	-1.55E-05				
54	712.00	1.01E-01	4.12E-02	3.[illegible]E-02	-6.27E-01	-4.05E-02	5.56E-01	6.95E-01	-5.57E-01	-43.63	1.01E-01	-6.27E-01	
	-303.00	2.12E-06	-[illegible]E-07	-2.[illegible]E-07	-5.70E-05	-3.71E-06	5.06E-05	2.93E-05	-2.76E-05				
55	712.00	3.50E-01	3.95E-01	2.20E-01	-6.96E-01	-1.33E-01	5.60E-01	1.01E+00	-3.60E-01	-43.66	3.50E-01	-6.96E-01	
	-213.00	4.90E-06	1.54E-06	-1.09E-06	-6.33E-05	-1.21E-05	5.05E-05	3.50E-05	-2.84E-05				
56	712.00	3.35E-01	2.92E-01	8.46E-02	-5.57E-01	-3.03E-01	4.36E-01	8.71E-01	-2.44E-01	-43.91	3.35E-01	-5.57E-01	
	-138.00	3.88E-06	2.51E-06	-1.81E-06	-2.53E-05	-1.39E-05	1.98E-05	1.61E-05	-9.29E-06				
57	712.00	7.41E-02	5.13E-02	-2.27E-02	-3.33E-01	-1.22E-01	3.16E-01	3.96E-01	-2.71E-01	-44.02	7.41E-02	-3.33E-01	
	-78.00	1.72E-06	5.45E-07	-2.00E-06	-2.56E-05	-9.35E-06	2.43E-05	1.41E-05	-1.15E-05				
58	712.00	1.26E-01	1.91E-01	4.61E-02	-4.51E-01	-1.09E-01	4.15E-01	6.10E-01	-2.94E-01	-47.06	1.26E-01	-4.51E-01	
	-18.00	8.31E-07	3.34E-06	-2.16E-06	-3.47E-05	-8.34E-06	3.19E-05	1.95E-05	-1.53E-05				
59	837.00	1.83E+00	1.05E+00	1.15E+00	-5.33E-01	-2.90E-01	4.83E-01	2.10E+00	7.82E-01	-27.01	1.05E+00	5.33E-01	
	-318.00	3.07E-05	-4.50E-06	.00E+00	-4.85E-05	-2.63E-05	4.39E-05	4.31E-05	-1.69E-05				
60	887.00	3.21E-01	1.54E-01	1.90E-01	-1.43E+00	-9.89E-02	1.12E+00	1.47E+00	-1.20E+00	-43.33	-1.06E+00	6.00E-01	
	-288.00	5.96E-06	-1.64E-06	.00E+00	-1.30E-04	-8.99E-06	1.02E-04	6.73E-05	-6.30E-05				
61	987.00	-2.70E-01	-1.06E-01	-1.50E-01	-1.46E+00	7.46E-02	1.08E+00	1.29E+00	-1.67E+00	-46.59	-2.70E-01	-1.48E+00	
	-286.00	-5.44E-06	2.02E-06	.00E+00	-1.34E-04	6.78E-06	9.80E-05	6.55E-05	-6.89E-05				
62	1037.00	1.92E+00	1.22E+00	1.25E+00	-1.10E+00	-2.65E-01	8.84E-01	2.72E+00	4.12E-01	-36.17	1.22E+00	1.10E+00	
	-318.00	3.02E-05	-1.67E-06	.00E+00	-1.00E-04	-2.41E-05	8.04E-05	6.68E-05	-3.83E-05				
63	862.00	6.05E-02	1.03E-01	1.03E-02	-7.18E-01	-6.26E-03	5.86E-01	8.00E-01	-6.36E-01	-45.86	6.05E-02	-7.18E-01	
	-213.00	4.98E-07	2.44E-06	-1.80E-06	-6.53E-05	-5.69E-07	5.33E-05	3.41E-05	-3.12E-05				
64	1012.00	-8.70E-02	1.06E-02	-8.22E-02	-7.89E-01	3.83E-02	6.14E-01	7.52E-01	-8.28E-01	-46.77	-8.70E-02	-7.89E-01	
	-213.00	-1.90E-06	2.54E-06	-1.68E-06	-7.17E-05	3.49E-06	5.59E-05	3.62E-05	-3.56E-05				
65	837.00	-2.35E-01	1.50E-01	-1.40E-01	-5.21E-01	1.01E-01	5.93E-01	5.13E-01	-5.98E-01	-55.13	1.50E-01	5.21E-01	
	-148.00	-3.04E-06	4.79E-06	-2.71E-06	-2.37E-05	4.59E-06	2.70E-05	1.30E-05	-1.22E-05				
66	937.00	1.93E-02	1.40E-01	-9.04E-02	-9.73E-01	9.36E-03	7.61E-01	1.05E+00	-8.95E-01	-46.78	-5.47E-01	7.46E-01	
	-128.00	7.62E-09	2.83E-06	-2.42E-06	-4.42E-05	4.25E-07	3.46E-05	2.36E-05	-2.07E-05				
67	1037.00	7.77E-01	3.35E-01	1.96E-01	-9.07E-01	-2.14E-01	8.08E-01	1.49E+00	-3.76E-01	-38.15	3.35E-01	9.07E-01	
	-148.00	1.08E-05	7.48E-07	-2.41E-06	-4.12E-05	-9.74E-06	3.67E-05	2.70E-05	-1.54E-05				
68	837.00	2.35E-01	3.91E-01	1.56E-01	-1.06E+00	-5.22E-02	8.79E-01	1.38E+00	-7.50E-01	-47.11	2.35E-01	-1.06E+00	
	-68.00	4.39E-07	6.45E-06	-2.60E-06	-8.15E-05	-4.02E-06	6.76E-05	4.43E-05	-3.74E-05				
69	937.00	1.90E-01	5.72E-03	-2.86E-02	-5.05E-01	-6.98E-02	4.16E-01	6.11E-01	-4.16E-01	-39.84	5.72E-03	5.05E-01	
	-88.00	5.46E-06	-1.61E-06	-2.93E-06	-3.89E-05	-5.37E-06	3.20E-05	2.17E-05	-1.78E-05				
70	1037.00	2.57E-01	3.09E-01	1.30E-01	-8.71E-01	1.00E-02	7.15E-01	1.15E+00	-5.88E-01	-45.85	-2.99E-01	6.48E-01	
	-68.00	2.24E-06	4.23E-06	-2.65E-06	-6.70E-05	7.71E-07	5.50E-05	3.67E-05	-3.03E-05				
71	862.00	1.45E-01	1.97E-01	2.30E-02	-4.36E-01	-5.56E-02	3.72E-01	6.08E-01	-2.65E-01	-46.71	1.45E-01	-4.36E-01	
	-18.00	1.57E-06	3.57E-06	-3.13E-06	-3.35E-05	-4.27E-06	2.86E-05	1.94E-05	-1.42E-05				
72	1012.00	-4.00E-02	6.44E-03	-1.33E-01	-4.55E-01	2.61E-02	3.70E-01	4.35E-01	-4.77E-01	-46.74	-4.89E-02	-4.55E-01	
	-18.00	4.65E-08	2.19E-06	-3.19E-06	-3.50E-05	2.01E-06	2.84E-05	1.86E-05	-1.64E-05				
73	1387.00	-9.40E-02	-8.38E-02	-8.34E-02	-6.17E-01	1.05E-02	4.83E-01	5.26E-01	-7.06E-01	-45.24	-9.40E-02	-6.17E-01	
	-303.00	-8.79E-07	-4.19E-07	-3.99E-07	-5.61E-05	9.50E-07	4.39E-05	2.74E-05	-2.87E-05				
74	1387.00	-1.14E-02	4.67E-02	-2.61E-02	-6.38E-01	1.73E-02	4.63E-01	6.57E-01	-6.21E-01	-46.30	-1.14E-02	-6.38E-01	
	-213.00	-6.37E-07	2.01E-06	-1.31E-06	-5.80E-05	1.57E-06	4.21E-05	2.97E-05	-2.84E-05				
75	1387.00	-2.69E-02	-2.06E-02	-1.26E-01	-4.66E-01	3.06E-02	3.22E-01	4.42E-01	-4.85E-01	-45.19	-2.69E-02	-4.66E-01	
	-138.00	2.97E-07	4.39E-07	-1.05E-06	-2.12E-05	1.39E-06	1.46E-05	1.09E-05	-1.02E-05				
76	1187.00	3.56E-02	3.78E-02	-5.49E-02	-7.59E-01	3.19E-03	5.20E-01	7.96E-01	-7.22E-01	-45.04	3.56E-02	-7.59E-01	
	-68.00	1.17E-06	1.25E-06	-2.32E-06	-5.84E-05	2.46E-07	4.00E-05	3.04E-05	-2.80E-05				
77	1387.00	1.55E-01	1.68E-01	5.05E-02	-3.33E-01	-1.19E-03	2.31E-01	4.95E-01	-1.72E-01	-45.59	1.68E-01	3.33E-01	
	-88.00	1.85E-06	2.37E-06	-2.17E-06	-2.56E-05	-9.14E-08	1.78E-05	1.49E-05	-1.07E-05				
78	1597.00	9.44E-02	9.87E-02	8.37E-03	-4.53E-01	4.44E-03	2.61E-01	5.50E-01	-3.57E-01	-45.14	-7.58E-02	4.19E-01	
	-68.00	1.42E-06	1.58E-06	-1.89E-06	-3.49E-05	3.41E-07	2.01E-05	1.89E-05	-1.59E-05				
79	1237.00	2.09E-01	1.21E-01	3.25E-02	-3.65E-01	-2.19E-02	2.43E-01	5.32E-01	-2.03E-01	-41.61	2.08E-01	-3.65E-01	
	-18.00	4.02E-06	6.84E-07	-2.72E-06	-2.81E-05	-1.69E-06	1.87E-05	1.65E-05	-1.18E-05				
80	1433.80	1.31E-01	4.87E-02	-1.12E-02	-4.14E-01	-1.49E-02	1.79E-01	5.06E-01	-3.27E-01	-42.17	1.31E-01	-4.14E-01	
	-8.00	3.16E-06	2.37E-08	-2.28E-06	-3.19E-05	-1.15E-06	1.38E-05	1.76E-05	-1.44E-05				
81	1533.80	2.23E-01	4.63E-02	2.93E-02	-2.33E-01	-3.65E-02	1.27E-01	3.84E-01	-1.14E-01	-34.67	4.68E-02	2.33E-01	
	-28.00	5.23E-06	-1.48E-06	-2.15E-06	-1.79E-05	-2.35E-06	9.80E-06	1.15E-05	-7.68E-06				
82	1633.80	2.61E-01	9.81E-02	6.99E-02	-1.04E-01	-1.54E-02	5.15E-02	3.11E-01	4.75E-02	-25.96	4.98E-02	2.45E-02	
	-8.00	5.32E-06	-9.40E-07	-2.02E-06	-7.99E-06	-1.19E-06	3.96E-06	7.26E-06	-2.88E-06				
83	1433.80	8.75E-01	3.59E-01	4.10E-01	-2.65E-01	-1.40E-01	1.18E-01	9.94E-01	2.81E-01	-24.03	3.99E-01	2.65E-01	
	27.60	1.51E-05	-3.25E-06	-2.52E-06	-2.04E-05	-1.08E-05	9.06E-06	1.96E-05	-7.80E-06				
84	1296.10	3.12E-01	6.36E-02	4.13E-02	-2.65E-01	-4.58E-02	1.02E-01	4.80E-01	-1.05E-01	-32.44	2.23E-01	2.90E-01	

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	40.	[illegible]	-2.14E-06	-2.02E-06	-2.04E-05	-3.52E-06	[illegible]	[illegible]	1.39E-05	-6.61E-06				
85	1148.	1.25E-01	-9.12E-02	-9.77E-02	-3.91E-01	-6.72E-02	[illegible]	[illegible]	4.20E-01	-3.77E-01	-37.48	-3.21E-01	-2.03[illegible]	
	57.3	5.40E-06	-2.55E-06	-3.15E-06	-2.96E-05	-5.17E-05	[illegible]	[illegible]	1.67E-05	-1.35E-05				
86	1131.40	1.12E+00	5.37E-01	5.22E-01	-1.75E-01	-2.05E-01	3.07E-02	1.17E+00	4.87E-01	-15.63	5.37E-01	1.79E-01		
	112.00	1.02E-05	-3.33E-06	-3.86E-06	-1.37E-05	-2.19E-05	2.36E-06	2.11E-05	-5.24E-06					
87	1019.80	3.37E-01	3.40E-01	1.41E-01	-3.91E-01	-8.24E-02	4.22E-01	7.30E-01	-5.28E-02	-45.13	3.40E-01	3.91E-01		
	234.67	3.04E-06	4.09E-06	-3.55E-06	-3.01E-05	-6.34E-06	3.25E-05	1.91E-05	-1.10E-05					
88	884.40	1.63E-01	1.62E-01	8.70E-03	-3.46E-01	-4.78E-02	3.26E-01	5.08E-01	-1.94E-01	-45.02	1.62E-01	-3.46E-01		
	46.00	2.57E-06	2.59E-06	-3.32E-06	-2.66E-05	-3.68E-06	2.50E-05	1.59E-05	-1.07E-05					
89	869.80	5.57E-01	2.44E-01	1.73E-01	-2.35E-01	-2.12E-01	1.35E-01	6.83E-01	1.18E-01	-28.18	2.44E-01	2.35E-01		
	96.00	1.07E-05	-1.31E-06	-4.05E-06	-1.81E-05	-1.63E-05	1.04E-05	1.56E-05	-6.16E-06					
90	952.40	1.52E-01	-2.41E-01	-1.70E-01	-4.29E-01	-1.12E-01	3.31E-01	4.28E-01	-5.16E-01	-32.69	-3.86E-01	3.25E-01		
	128.00	8.70E-06	-6.42E-06	-3.70E-06	-3.30E-05	-8.63E-06	2.55E-05	1.93E-05	-1.70E-05					
91	869.80	1.67E-01	8.08E-03	-5.20E-02	-2.35E-01	-1.10E-01	1.12E-01	3.35E-01	-1.60E-01	-35.63	1.67E-01	-2.35E-01		
	160.00	5.08E-06	-1.05E-06	-3.36E-06	-1.80E-05	-8.44E-06	8.61E-06	1.15E-05	-7.51E-06					
92	869.80	9.64E-01	3.61E-01	3.57E-01	-1.88E-01	-4.48E-01	1.42E-01	1.02E+00	3.06E-01	-15.95	3.61E-01	1.88E-01		
	203.60	1.86E-05	-4.59E-06	-4.76E-06	-1.44E-05	-3.45E-05	1.09E-05	2.07E-05	-6.65E-06					
93	598.67	-1.85E-01	1.38E-01	-6.92E-02	-6.95E-01	-3.17E-01	7.22E-01	6.90E-01	-7.37E-01	-51.55	1.38E-01	6.95E-01		
	16.00	-5.84E-06	6.60E-06	-1.39E-06	-5.35E-05	-2.44E-05	5.55E-05	2.78E-05	-2.71E-05					
94	645.75	6.43E-02	1.50E-01	3.11E-02	-4.52E-01	-1.21E-01	3.65E-01	5.62E-01	-3.47E-01	-47.72	6.43E-02	-4.52E-01		
	24.00	-2.27E-07	3.08E-06	-1.51E-06	-3.48E-05	-9.34E-06	2.81E-05	1.89E-05	-1.61E-05					
95	613.10	-1.63E-02	1.05E-01	9.27E-03	-8.26E-01	-1.10E-01	1.65E-01	8.72E-01	-7.83E-01	-47.10	-1.63E-02	-8.26E-01		
	69.33	-1.70E-06	2.96E-06	-7.20E-07	-6.35E-05	-8.48E-06	1.27E-05	3.25E-05	-3.12E-05					
96	705.45	1.34E-01	5.64E-02	9.21E-04	-3.62E-01	-1.26E-01	2.89E-01	4.79E-01	-2.46E-01	-43.58	3.11E-01	3.06E-01		
	58.00	2.60E-06	1.22E-06	-2.53E-06	-2.79E-05	-9.69E-06	2.22E-05	1.59E-05	-1.20E-05					
97	613.10	2.85E-01	1.07E-01	5.57E-02	-3.06E-01	-4.09E-01	1.68E-01	5.15E-01	-1.23E-01	-36.89	1.07E-01	3.06E-01		
	96.00	6.04E-06	-6.05E-07	-2.78E-06	-2.35E-05	-3.14E-05	1.29E-05	1.49E-05	-9.64E-06					
98	682.27	1.56E-01	1.34E-01	2.51E-02	-5.57E-01	-1.17E-01	3.25E-01	7.02E-01	-4.12E-01	-44.45	-2.95E-01	3.43E-01		
	112.00	2.53E-06	1.70E-06	-2.50E-06	-4.29E-05	-8.98E-06	2.50E-05	2.35E-05	-1.93E-05					
99	751.43	7.24E-01	1.81E-01	2.35E-01	-5.17E-01	-3.42E-01	6.36E-01	1.04E+00	-1.31E-01	-31.15	1.81E-01	5.17E-01		
	96.00	1.53E-05	-5.55E-06	-3.49E-06	-3.97E-05	-2.63E-05	4.89E-05	2.73E-05	-1.76E-05					
100	683.25	1.41E-01	1.06E-01	-5.78E-03	-1.86E-01	-9.02E-02	1.99E-01	3.10E-01	-6.29E-02	-42.37	1.41E-01	-1.86E-01		
	152.00	2.76E-06	1.44E-06	-2.87E-06	-1.43E-05	-6.94E-06	1.53E-05	9.27E-06	-5.07E-06					
101	649.67	7.01E-01	3.24E-01	2.71E-01	-1.58E-01	-3.05E-01	1.43E-01	7.58E-01	2.67E-01	-19.97	3.24E-01	1.58E-01		
	192.00	1.27E-05	-1.79E-06	-3.81E-06	-1.21E-05	-2.35E-05	1.10E-05	1.49E-05	-3.99E-06					
102	725.25	1.49E-01	-2.53E-02	-5.92E-02	-1.59E-01	-7.53E-02	1.52E-01	2.44E-01	-1.20E-01	-30.66	7.20E-02	1.81E-01		
	232.70	5.02E-06	-1.68E-06	-2.98E-06	-1.23E-05	-5.79E-06	1.17E-05	8.66E-06	-5.32E-06					
103	635.50	9.52E-02	1.11E-01	-8.59E-03	-2.85E-02	-5.40E-02	-3.29E-02	1.32E-01	7.34E-02	-52.62	9.52E-02	-2.85E-02		
	256.00	1.40E-06	2.09E-06	-2.50E-06	-2.19E-06	-4.16E-06	-2.53E-06	2.93E-06	6.56E-07					
104	635.50	3.17E-01	2.11E-01	8.32E-02	-2.33E-02	-2.26E-01	2.36E-02	3.22E-01	2.06E-01	-11.85	2.11E-01	2.33E-02		
	290.67	5.48E-06	1.40E-06	-3.52E-06	-1.79E-06	-1.74E-05	1.81E-06	5.67E-06	1.22E-06					
105	569.00	-1.40E-01	1.69E-01	1.10E-02	-6.91E-01	-1.82E-01	6.25E-01	7.23E-01	-6.94E-01	-51.21	-1.40E-01	-6.91E-01		
	16.50	-5.84E-06	6.07E-06	-1.33E-08	-5.32E-05	-1.40E-05	4.80E-05	2.74E-05	-2.71E-05					
106	508.50	-1.89E+00	-1.21E+00	-1.22E+00	-5.91E-01	-4.81E-01	1.89E-01	-8.70E-01	-2.23E+00	-59.82	-1.21E+00	5.91E-01		
	13.00	-2.51E-05	8.28E-07	4.86E-07	-4.55E-05	-3.70E-05	1.45E-05	1.41E-05	-3.83E-05					
107	521.00	-4.42E-01	-1.18E-01	-1.59E-01	-7.18E-01	-1.63E-01	3.59E-01	4.56E-01	-1.02E+00	-51.36	-4.42E-01	-7.18E-01		
	15.75	-9.11E-06	3.37E-06	1.79E-06	-5.53E-05	-1.25E-05	2.76E-05	2.55E-05	-3.12E-05					
108	524.25	-3.76E-01	-8.68E-02	-1.37E-01	-7.90E-01	-1.34E-01	3.69E-01	5.72E-01	-1.03E+00	-50.19	-3.76E-01	-7.90E-01		
	21.00	-7.87E-06	3.26E-06	1.32E-06	-6.06E-05	-1.03E-05	2.84E-05	2.86E-05	-3.32E-05					
109	515.50	-1.21E+00	-7.63E-01	-8.04E-01	-1.01E+00	-3.19E-01	1.91E-01	4.83E-02	-2.02E+00	-51.23	-7.63E-01	1.01E+00		
	24.00	-1.60E-05	1.16E-06	-4.10E-07	-7.77E-05	-2.46E-05	1.47E-05	3.24E-05	-4.72E-05					
110	531.50	-1.50E-01	-1.61E-02	-5.44E-02	-6.34E-01	-8.75E-02	3.09E-01	5.54E-01	-7.21E-01	-48.03	-1.50E-01	-6.34E-01		
	34.50	-3.34E-06	1.81E-06	3.37E-07	-4.87E-05	-6.73E-06	2.38E-05	2.37E-05	-2.53E-05					
111	515.50	3.43E-01	6.36E-01	4.29E-01	-1.95E+00	-6.40E-02	9.71E-02	2.45E+00	-1.47E+00	-47.14	3.43E-01	-1.95E+00		
	44.00	-2.26E-06	8.98E-06	1.02E-06	-1.50E-04	-4.52E-06	7.47E-06	7.86E-05	-7.19E-05					
112	515.50	-5.10E-02	-1.79E-02	-5.87E-02	-4.41E-01	-1.69E-01	1.53E-01	4.07E-01	-4.76E-01	-46.07	-1.79E-02	4.41E-01		
	53.33	-5.59E-07	7.14E-07	-8.56E-07	-3.39E-05	-1.30E-05	1.17E-05	1.71E-05	-1.69E-05					
113	547.50	3.76E-01	1.59E-01	2.00E-01	-6.36E-01	-1.08E-01	5.52E-01	9.29E-01	-3.56E-01	-41.01	-3.97E-03	5.73E-01		
	64.00	5.96E-06	-9.60E-07	-8.06E-07	-4.89E-05	-8.27E-06	4.55E-05	2.72E-05	-2.22E-05					
114	515.50	5.31E-01	6.97E-01	4.74E-01	-8.27E-01	-3.80E-02	2.10E-01	1.45E+00	-2.17E-01	-47.66	5.31E-01	-8.27E-01		
	74.67	1.72E-06	8.10E-06	-4.68E-07	-6.36E-05	-2.93E-06	1.61E-05	3.69E-05	-2.71E-05					
115	515.50	8.65E-01	5.64E-01	5.29E-01	-2.94E-01	-1.57E-01	1.42E-01	1.04E+00	3.93E-01	-31.03	5.64E-01	2.84E-01		
	88.00	1.19E-05	1.70E-07	-1.17E-06	-2.15E-05	-1.21E-05	1.10E-05	1.83E-05	-6.46E-06					
116	547.50	6.78E-01	2.35E-01	3.25E-01	-7.97E-01	-1.11E-01	5.13E-01	1.28E+00	-3.70E-01	-37.23	-1.14E-01	5.99E-01		

	104.00	1.25E-05	-4.[illegible]E-06	-1.10E-04	-6.12E-05	-6.15E-06	3.55E-05	3.57E-05	-2.78E-05				
117	51[illegible].50	2.5[illegible]E-01	3.44E-01	1.8[illegible]E-01	-6.40E-01	-6.67E-03	2.94E-01	9.42E-01	-3.41E-01	-47.03	2.55E-01	-6.40E-01	
	120.00	1.38E-04	4.[illegible]7E-06	-1.5[illegible]E-06	-4.92E-05	-6.67E-07	2.27E-05	2.76E-05	-2.17E-05				
118	51[illegible].50	6.12E-01	3.07E-01	3.24E-01	-2.45E-01	-9.23E-02	1.20E-01	7.59E-01	2.29E-01	-32.65	3.87E-01	2.45E-01	
	136.00	9.00E-04	3.31E-07	-2.0[illegible]E-06	-1.8[illegible]E-05	-7.10E-06	9.23E-06	1.50E-05	-5.71E-06				
119	547.50	5.61E-01	3.44E-01	3.51E-01	-5.73E-01	-6.81E-02	3.47E-01	9.97E-01	-1.93E-01	-37.28	-7.57E-03	4.31E-01	
	152.00	9.96E-06	-2.23E-04	-1.94E-06	-4.41E-05	-5.24E-06	2.67E-05	2.66E-05	-1.90E-05				
120	51[illegible].50	2.66E-01	3.05E-01	1.41E-01	-4.62E-01	-4.63E-04	2.06E-01	7.48E-01	-1.77E-01	-46.20	2.66E-01	-4.62E-01	
	168.00	2.41E-04	3.90E-06	-2.41E-06	-3.55E-05	-3.56E-08	1.58E-05	2.09E-05	-1.46E-05				
121	51[illegible].50	7.69E-01	4.77E-01	3.99E-01	-1.90E-01	-6.63E-02	9.04E-02	8.62E-01	3.83E-01	-26.24	4.77E-01	1.90E-01	
	184.00	1.15E-03	2.63E-07	-2.71E-06	-1.46E-05	-6.64E-06	6.96E-06	1.51E-05	-3.34E-06				
122	547.50	3.83E-01	-7.61E-03	5.73E-02	-5.80E-01	-5.38E-02	4.225-01	8.00E-01	-4.24E-01	-35.69	-2.58E-01	4.20E-01	
	200.00	9.09E-04	-5.05E-06	-2.5[illegible]E-06	-4.46E-05	-4.14E-06	3.24E-05	2.60E-05	-2.11E-05				
123	51[illegible].50	-4.86E-02	-5.01E-02	-1.53E-01	-3.24E-01	4.19E-02	2.39E-01	2.74E-01	-3.73E-01	-44.94	-4.88E-02	-3.24E-01	
	216.00	8.25E-07	3.42E-07	-3.12E-06	-2.49E-05	3.22E-06	1.84E-05	1.33E-05	-1.16E-05				
124	51[illegible].50	1.55E-01	7.23E-02	-2.09E-02	-6.80E-02	2.54E-02	5.92E-02	1.94E-01	3.42E-02	-29.26	7.23E-02	6.80E-02	
	232.00	3.71E-05	5.07E-07	-3.08E-06	-5.23E-06	1.59E-06	4.55E-06	5.17E-06	-9.57E-07				
125	547.50	1.26E-01	7.75E-02	-2.41E-02	-1.26E-01	1.27E-02	2.08E-01	2.32E-01	-2.65E-02	-39.62	2.01E-02	1.02E-01	
	248.00	2.89E-06	1.01E-06	-2.90E-06	-9.85E-06	9.76E-07	1.60E-05	6.96E-06	-3.07E-06				
126	51[illegible].50	-1.19E-01	-1.47E-01	-2.23E-01	2.05E-03	5.95E-02	2.03E-01	-1.19E-01	-1.47E-01	4.21	-1.19E-01	2.05E-03	
	264.00	7.99E-07	-2.79E-07	-3.20E-06	1.58E-07	4.59E-06	1.56E-05	7.94E-07	-2.85E-07				
127	51[illegible].50	5.96E-02	1.55E-02	-6.67E-02	-8.43E-03	8.25E-02	3.36E-02	6.12E-02	1.39E-02	-10.44	1.55E-02	8.43E-03	
	276.00	2.20E-06	5.03E-07	-2.66E-06	-6.46E-07	6.35E-06	2.58E-06	2.26E-06	4.43E-07				
128	531.50	-1.29E-01	-8.47E-02	-1.82E-01	-1.11E-02	5.09E-02	2.31E-02	-8.20E-02	-1.32E-01	-76.66	-1.29E-01	-1.11E-02	
	297.00	-6.07E-07	1.10E-06	-2.66E-06	-8.55E-07	3.92E-06	1.78E-06	1.20E-06	-7.06E-07				
129	51[illegible].50	-3.57E-01	-2.23E-01	-3.30E-01	9.10E-02	5.41E-02	1.33E-01	-1.77E-01	-4.03E-01	63.24	-3.57E-01	9.10E-02	
	320.00	-3.74E-06	1.43E-06	-2.69E-06	7.00E-06	4.16E-06	1.02E-05	3.20E-06	-5.51E-06				
183	565.50	-7.15E-02	2.17E-01	8.54E-02	-1.06E+00	-2.39E-01	6.31E-01	1.14E+00	-9.95E-01	-48.88	-7.15E-02	-1.06E+00	
	-9.00	-5.29E-06	5.81E-06	7.49E-07	-8.14E-05	-1.84E-05	6.39E-05	4.13E-05	-4.08E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2173E+02	.1336E+03	.6611E+02	-.1015E+02	-.1878E+02	.1387E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1227E+01	-.3[illegible]55E+00	-.3057E-01	-.1143E+02	.5243E+01	.8259E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.5996E+00	.4801E-01	.3869E-01	-.1917E+02	.1069E+02	.1558E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5141E+00	-.2362E+00	.6514E-01	-.2700E+02	.1735E+02	.2276E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.7470E+00	.6637E-01	.6117E-01	-.3452E+02	.2367E+02	.3073E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5163E+00	.2549E+00	-.2604E-01	-.4471E+02	.3072E+02	.4038E+02
25	-.3905E+01	-.6028E+00	.3073E-01	-.5485E+02	.3399E+02	.4962E+02
26	-.4674E+01	-.9168E+00	.1147E+00	-.5013E+02	.3501E+02	.5671E+02
	.0000E+00	.0000E+00	.0000E+00	.300[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

[illegible]	.2500E+01	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.2507E+02	.4335E+01	-.4505E+00	-.6251E+02	.5082E+02	.6237E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2136E+03	-.4323E+02	.5609E+01	-.3482E+02	.1426E+03	.9797E+02
40	-.1570E+03	-.3654E+02	.3605E+01	-.8139E+02	.1405E+03	.9002E+02
41	-.1819E+03	-.2934E+02	.1472E+00	-.7184E+02	.1271E+03	.7821E+02
42	-.5916E+02	-.7730E+01	-.1759E+01	-.5318E+02	.8904E+02	.6830E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.6101E+03	.9184E+02	.3912E+01	-.2002E+02	.1521E+03	-.4869E+02
48	.5712E+03	.7899E+02	.4277E+01	-.2003E+02	.1424E+03	-.3483E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.7019E+03	.1066E+03	.3393E+01	.4347E+02	.1096E+03	-.1504E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.7674E+01	.4952E+00	.4825E+00	-.1233E+02	.1498E+03	-.4589E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.4738E+03	.7252E+02	.3333E+01	.3009E+02	.8749E+02	-.1418E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3334E+03	.5065E+02	.4438E+01	.2856E+02	.8061E+02	-.1377E+03
66	.1057E+03	.1635E+02	.5542E+01	.3215E+02	.6387E+02	-.1438E+03
67	-.2433E+03	-.3613E+02	.5491E+01	.3106E+02	.4596E+02	-.1437E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.4331E+03	-.6470E+02	.4520E+01	.1259E+02	.2956E+02	-.1404E+03
76	.4806E+02	.7291E+01	.2958E+01	.9496E+01	.9676E+01	-.1411E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1725E+03	-.2706E+02	.2073E+01	.3089E+01	-.1296E+02	-.1366E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.7834E+02	.1151E+02	.1398E+01	-.6129E+01	-.2563E+02	-.1325E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1035E+03	-.1595E+02	.1235E+01	-.1333E+01	-.4393E+02	-.1225E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.7536E+02	.1079E+02	.1043E+01	-.1164E+01	-.5390E+02	-.1119E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.8445E+02	-.1334E+02	.1058E+01	-.2937E+01	-.6949E+02	-.1005E+03
109	.5134E+02	.6948E+01	.8422E+00	-.5192E+01	-.7847E+02	-.8690E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.6912E+02	-.1124E+02	.8019E+00	-.1236E+00	-.8957E+02	-.7197E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2066E+02	-.4005E+01	.5577E-02	.2616E+01	-.9323E+02	-.5653E+02
115	-.1974E+02	-.3896E+01	-.2772E+00	.3212E+01	-.9277E+02	-.4145E+02
116	-.1623E+02	-.3457E+01	-.5590E+00	.3782E+01	-.9486E+02	-.3146E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2735E+02	-.5166E+01	-.8032E+00	.2425E+01	-.9607E+02	-.2764E+02
119	-.2303E+02	-.4426E+01	-.1107E+01	.6886E+01	-.9699E+02	-.1580E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.5329E+02	-.6629E+01	-.3089E+01	.4297E+01	-.7337E+02	-.6331E+01
122	-.4340E+02	-.2573E+01	-.4980E+01	-.1578E+01	-.7017E+02	-.8294E+01
123	-.3228E+02	-.1541E+01	-.4487E+01	-.9204E+00	-.6102E+02	-.7413E+01
124	-.2264E+02	-.1018E+01	-.3107E+01	-.3102E+00	-.5001E+02	-.6701E+01
125	-.1447E+02	-.3517E+00	-.2289E+01	.1081E+00	-.4109E+02	-.6026E+01
126	-.3588E+01	.1306E+01	-.2123E+01	.6464E+00	-.3416E+02	-.5304E+01
127	.4226E+01	.2594E+01	-.2151E+01	.9864E+00	-.2879E+02	-.4402E+01
128	.1210E+02	.3608E+01	-.2023E+01	.1825E+01	-.1755E+02	-.3390E+01
129	.1192E+02	.3070E+01	-.1670E+01	.2152E+01	-.9415E+01	-.2531E+01
130	.8076E+01	.1841E+01	-.1192E+01	.2128E+01	-.3343E+01	-.1972E+01
131	.2075E+01	.3250E+00	-.7854E+00	.1805E+01	-.3674E+00	-.1660E+01
132	-.2186E+00	-.1507E+00	-.5761E+00	.1249E+01	-.8908E+00	-.1468E+01
133	-.4519E+00	-.1341E+00	-.5324E+00	.8916E+00	-.1482E+01	-.1257E+01
134	-.1179E+00	-.3460E-01	-.5355E+00	.6823E+00	-.1345E+01	-.9956E+00
135	.8849E-02	.6654E-03	-.6012E+00	.5140E+00	-.9461E+00	-.7336E+00
136	-.4251E-02	-.3316E-02	-.8032E+00	.3517E+00	-.6103E+00	-.4878E+00
137	.2064E-01	.7072E-02	-.1290E+01	.2201E+00	-.2698E+00	-.2650E+00
138	-.1905E-01	-.2275E-01	-.2407E+02	.1135E+00	.6193E-01	-.1248E+00
139	-.2264E-01	-.2667E-01	.1482E+02	.2144E-01	-.3174E-01	.2611E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.82773E-03	-.48781E-05	.84665E-03	.00000E+00
3	-.14941E-02	-.20597E-04	.14890E-02	.00000E+00
4	-.16035E-02	-.22452E-04	.15662E-02	.00000E+00
5	-.17092E-02	.72812E-05	.17099E-02	.00000E+00
6	-.19024E-02	-.17334E-05	.19019E-02	-.13448E-05
7	-.17694E-02	-.78496E-04	.18031E-02	.00000E+00
8	-.19085E-02	-.64212E-04	.19202E-02	-.32924E-04
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.83400E-03	-.21480E-04	.84925E-03	.00000E+00
	-.14280E-02	-.49747E-04	.15408E-02	.00000E+00
	-.16435E-02	-.66243E-04	.16981E-02	.00000E+00

	-.17707E-02	-.16174E-04	.19085E-02	.00000E+00
	-.19179E-02	-.96140E-04	.19699E-02	.50060E-06
15	-.17763E-02	-.15003E-03	.19342E-02	.00000E+00
16	-.19329E-02	-.14578E-03	.20509E-02	-.26678E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.83433E-03	-.43329E-04	.91033E-03	.00000E+00
19	-.15176E-02	-.10371E-03	.16652E-02	.00000E+00
20	-.16445E-02	-.12388E-03	.18429E-02	.00000E+00
21	-.18030E-02	-.11337E-03	.19714E-02	.00000E+00
22	-.13514E-02	-.15069E-03	.21632E-02	-.63152E-06
23	-.18346E-02	-.24377E-03	.21789E-02	.00000E+00
24	-.19771E-02	-.24386E-03	.23090E-02	-.14889E-05
25	-.19950E-02	-.28255E-03	.23959E-02	-.37445E-06
26	-.20058E-02	-.29039E-03	.24529E-02	-.98923E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.80565E-03	-.85851E-04	.97668E-03	.00000E+00
29	-.15133E-02	-.19533E-03	.18119E-02	.00000E+00
30	-.16919E-02	-.24393E-03	.20265E-02	.00000E+00
31	-.18523E-02	-.28163E-03	.22523E-02	.00000E+00
32	-.20162E-02	-.33430E-03	.25105E-02	-.38449E-05
33	-.18471E-02	-.36283E-03	.22718E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.78321E-03	-.10573E-03	.98977E-03	.00000E+00
36	-.15006E-02	-.24094E-03	.18582E-02	.00000E+00
37	-.16977E-02	-.27798E-03	.20461E-02	.00000E+00
38	-.18803E-02	-.37116E-03	.23555E-02	.00000E+00
39	-.20482E-02	-.46308E-03	.26161E-02	-.80699E-07
40	-.20443E-02	-.45564E-03	.25921E-02	-.21746E-05
41	-.20405E-02	-.42493E-03	.25694E-02	-.32635E-05
42	-.20294E-02	-.38120E-03	.25426E-02	-.39396E-05
43	-.16123E-02	-.32662E-03	.20730E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.66701E-03	-.65241E-04	.94542E-03	.00000E+00
46	-.14140E-02	-.22921E-03	.18530E-02	.00000E+00
47	-.20501E-02	-.46484E-03	.26265E-02	.84486E-06
48	-.20406E-02	-.46780E-03	.26240E-02	.83899E-06
49	-.18835E-02	-.37334E-03	.23419E-02	.00000E+00
50	-.20634E-02	-.47033E-03	.26302E-02	.35713E-05
51	-.18380E-02	-.38406E-03	.23418E-02	.00000E+00
52	-.20795E-02	-.42731E-03	.25383E-02	.00000E+00
53	-.20520E-02	-.45480E-03	.26355E-02	.83207E-06
54	-.15631E-02	-.25176E-03	.19740E-02	.00000E+00
55	-.17667E-02	-.31838E-03	.21769E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.55543E-03	-.83301E-04	.74755E-03	.00000E+00
58	-.12024E-02	-.10997E-03	.14243E-02	.00000E+00
59	-.20822E-02	-.37457E-03	.24725E-02	.00000E+00
60	-.20605E-02	-.41580E-03	.24846E-02	.00000E+00
61	-.20777E-02	-.47199E-03	.26352E-02	.57924E-05
62	-.14354E-02	-.14397E-03	.17127E-02	.00000E+00
63	-.16832E-02	-.19294E-03	.20264E-02	.00000E+00
64	-.21227E-02	-.43394E-03	.25661E-02	.00000E+00
65	-.20975E-02	-.47350E-03	.26397E-02	.73461E-05
66	-.21477E-02	-.47547E-03	.26487E-02	.91353E-05
67	-.22030E-02	-.47357E-03	.26588E-02	.88719E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.42239E-03	-.86527E-05	.46656E-03	.00000E+00
70	-.12451E-02	-.92474E-04	.14938E-02	.00000E+00
71	-.19622E-02	-.24817E-03	.23266E-02	.00000E+00
72	-.21707E-02	-.43213E-03	.25812E-02	.00000E+00
73	-.15405E-02	-.12633E-03	.17508E-02	.00000E+00
74	-.23059E-02	-.45953E-03	.26673E-02	.00000E+00
75	-.22511E-02	-.46228E-03	.26673E-02	.69628E-05
76	-.23189E-02	-.46360E-03	.26807E-02	.51017E-05

77	-.15125E-02	-.17621E-03	.20941E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.4[illegible]E-03	-.31[illegible]1E-04	.64470E-03	.00000E+00
80	-.11463E-02	-.45250E-04	.13724E-02	.00000E+00
81	-.12701E-02	-.63013E-04	.15021E-02	.00000E+00
82	-.14433E-02	-.93089E-04	.18085E-02	.00000E+00
83	-.21272E-02	-.30173E-03	.25555E-02	.00000E+00
84	-.20024E-02	-.21136E-03	.23993E-02	.00000E+00
85	-.23869E-02	-.49703E-03	.26988E-02	.41723E-05
86	-.23879E-02	-.47185E-03	.27053E-02	.00000E+00
87	-.17956E-02	-.14957E-03	.20547E-02	.00000E+00
88	-.23507E-02	-.41051E-03	.26708E-02	.00000E+00
89	-.24536E-02	-.50523E-03	.27142E-02	.34604E-05
90	-.12967E-02	-.71147E-05	.10953E-02	.00000E+00
91	-.14177E-02	-.13468E-04	.12265E-02	.00000E+00
92	-.15406E-02	-.59176E-04	.13195E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.53789E-03	.00000E+00	.45209E-03	.00000E+00
95	-.10041E-02	.00000E+00	.81846E-03	.00000E+00
96	-.11637E-02	.00000E+00	.94195E-03	.00000E+00
97	-.12153E-02	.00000E+00	.92935E-03	.00000E+00
98	-.11988E-02	.00000E+00	.90495E-03	.00000E+00
99	-.13250E-02	-.15302E-04	.99408E-03	.00000E+00
100	-.17514E-02	-.10148E-03	.15778E-02	.00000E+00
101	-.21992E-02	-.26356E-03	.24507E-02	.00000E+00
102	-.25384E-02	-.51942E-03	.27367E-02	.30311E-05
103	-.23146E-02	-.36167E-03	.26942E-02	.00000E+00
104	-.25457E-02	-.51353E-03	.27804E-02	.00000E+00
105	-.25084E-02	-.52950E-03	.27524E-02	.24947E-05
106	-.24476E-02	-.42880E-03	.28423E-02	.00000E+00
107	-.26343E-02	-.54130E-03	.28217E-02	.00000E+00
108	-.26617E-02	-.54046E-03	.27668E-02	.23769E-05
109	-.27110E-02	-.54377E-03	.27728E-02	.20560E-05
110	-.26530E-02	-.58418E-03	.29379E-02	.00000E+00
111	-.27526E-02	-.59021E-03	.28972E-02	.00000E+00
112	-.27612E-02	-.55135E-03	.27769E-02	.18269E-05
113	-.27248E-02	-.56682E-03	.29143E-02	.00000E+00
114	-.27906E-02	-.56104E-03	.27697E-02	.57921E-06
115	-.27955E-02	-.56565E-03	.27615E-02	.12680E-06
116	-.27987E-02	-.56373E-03	.27408E-02	-.53730E-07
117	-.27709E-02	-.60401E-03	.28994E-02	.00000E+00
118	-.27964E-02	-.56580E-03	.27314E-02	-.30139E-06
119	-.27891E-02	-.56102E-03	.27139E-02	-.36235E-06
120	-.27955E-02	-.61175E-03	.28427E-02	.00000E+00
121	-.27795E-02	-.56415E-03	.26854E-02	-.56496E-06
122	-.27783E-02	-.55313E-03	.26853E-02	-.75974E-06
123	-.27763E-02	-.55400E-03	.26841E-02	-.93224E-06
124	-.27735E-02	-.54767E-03	.26830E-02	-.11546E-05
125	-.27701E-02	-.53374E-03	.26816E-02	-.14598E-05
126	-.27619E-02	-.52250E-03	.26791E-02	-.19324E-05
127	-.27518E-02	-.50163E-03	.26764E-02	-.21944E-05
128	-.27293E-02	-.45163E-03	.26710E-02	-.22531E-05
129	-.27092E-02	-.40433E-03	.26658E-02	-.20101E-05
130	-.26908E-02	-.35726E-03	.26601E-02	-.16137E-05
131	-.26714E-02	-.30966E-03	.26515E-02	-.98222E-06
132	-.26509E-02	-.26160E-03	.26445E-02	-.79941E-06
133	-.26504E-02	-.22372E-03	.26386E-02	-.85569E-06
134	-.26423E-02	-.18317E-03	.26340E-02	-.90580E-06
135	-.26356E-02	-.14031E-03	.26307E-02	-.95842E-06
136	-.26304E-02	-.96337E-04	.26282E-02	-.96058E-06
137	-.26275E-02	-.52691E-04	.26268E-02	-.97831E-06
138	-.26255E-02	-.75347E-05	.26256E-02	[illegible]763E-06
139	-.26255E-02	-.95524E-06	.26255E-02	[illegible]42E-06

EARTHQUAKE ANALYSES OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.66E-03	-5.40E-03	4.29E-04	-1.02E-01	-1.21E-03	1.05E-01	9.82E-02	-1.06E-01	-44.62	-2.66E-03	-1.02E-01
	-303.00	-2.16E-08	-1.46E-07	1.13E-07	-9.29E-06	-1.10E-07	9.51E-06	4.56E-06	-4.73E-06			
2	72.00	-2.06E-03	-6.68E-03	4.19E-03	-8.30E-02	-6.70E-04	8.52E-02	7.97E-02	-8.75E-02	-44.21	-2.08E-03	-8.30E-02
	-213.00	-3.51E-08	-2.44E-07	2.50E-07	-7.58E-06	-6.09E-08	7.75E-06	3.64E-06	-3.92E-06			
3	72.00	-8.44E-03	-9.55E-03	9.74E-03	-5.23E-02	6.80E-03	5.88E-02	4.38E-02	-6.08E-02	-44.97	-8.44E-03	-5.23E-02
	-138.00	-1.54E-07	-1.56E-07	2.50E-07	-2.38E-06	3.09E-07	2.67E-06	1.03E-06	-1.34E-06			
4	24.00	-9.91E-02	-7.52E-02	-9.59E-02	-9.74E-02	2.62E-02	1.13E-01	1.09E-02	-1.85E-01	-48.50	-9.91E-02	-9.74E-02
	-68.00	-8.42E-07	7.71E-08	-7.20E-07	-7.49E-06	2.01E-06	8.69E-06	3.39E-06	-4.16E-06			
5	72.00	4.76E-02	3.15E-02	5.50E-02	-4.77E-02	9.45E-04	4.61E-02	8.75E-02	-8.77E-03	-40.21	3.15E-02	4.77E-02
	-88.00	3.13E-07	-3.05E-07	7.53E-07	-3.67E-06	7.27E-08	3.54E-06	1.86E-06	-1.86E-06			
6	120.00	2.94E-02	3.31E-02	4.15E-02	-7.82E-02	-4.89E-03	7.78E-02	1.09E-01	-4.69E-02	-45.68	-4.53E-02	1.59E-02
	-68.00	-1.14E-08	1.31E-07	4.52E-07	-6.01E-06	-3.76E-07	5.98E-06	3.07E-06	-2.95E-06			
7	36.25	-1.76E-02	-4.08E-03	2.54E-03	-5.05E-02	6.10E-03	4.68E-02	4.02E-02	-6.20E-02	-48.61	-1.59E-02	-5.08E-02
	-10.00	-4.69E-07	5.38E-08	3.08E-07	-3.90E-06	4.69E-07	3.60E-06	1.76E-06	-2.17E-06			
8	108.00	3.55E-03	1.64E-03	1.34E-02	-3.21E-02	9.37E-04	3.98E-02	3.47E-02	-2.95E-02	-44.15	3.55E-03	-3.21E-02
	-10.00	-6.80E-08	-1.41E-07	3.11E-07	-2.47E-06	7.20E-08	3.06E-06	1.13E-06	-1.34E-06			
9	216.00	-1.13E-02	-1.92E-02	-8.92E-03	-1.03E-01	1.17E-03	1.08E-01	8.76E-02	-1.18E-01	-43.90	-1.13E-02	-1.03E-01
	-303.00	-1.14E-09	-3.60E-07	1.06E-07	-9.34E-06	1.06E-07	9.85E-06	4.50E-06	-4.86E-06			
10	216.00	-1.12E-02	-2.01E-02	-2.47E-03	-8.51E-02	3.50E-03	9.11E-02	6.96E-02	-1.01E-01	-43.50	-1.12E-02	-8.51E-02
	-213.00	-6.93E-08	-4.76E-07	3.26E-07	-7.74E-06	3.18E-07	8.29E-06	3.60E-06	-4.15E-06			
11	216.00	-6.88E-03	-1.71E-02	2.09E-02	-6.24E-02	9.78E-03	7.02E-02	5.06E-02	-7.46E-02	-42.65	-6.88E-03	-6.24E-02
	-138.00	-1.40E-07	-3.72E-07	4.90E-07	-2.83E-06	4.45E-07	3.19E-06	1.17E-06	-1.68E-06			
12	168.00	-4.66E-02	-7.15E-02	-3.55E-02	-1.01E-01	1.85E-02	1.04E-01	4.27E-02	-1.61E-01	-41.50	-4.66E-02	-1.01E-01
	-68.00	-1.06E-07	-1.04E-06	3.23E-07	-7.77E-06	1.42E-06	8.01E-06	3.33E-06	-4.50E-06			
13	216.00	6.48E-02	2.79E-02	6.31E-02	-4.64E-02	7.15E-03	3.74E-02	8.96E-02	-6.94E-03	-36.93	2.79E-02	4.64E-02
	-88.00	5.04E-07	-5.29E-07	8.26E-07	-3.57E-06	5.50E-07	2.88E-06	1.84E-06	-1.87E-06			
14	264.00	1.97E-02	3.28E-02	4.52E-02	-7.78E-02	-2.07E-03	8.18E-02	1.04E-01	-5.24E-02	-47.58	-4.96E-02	2.10E-02
	-68.00	-3.43E-07	1.58E-07	6.76E-07	-5.99E-06	-1.59E-07	6.29E-06	2.93E-06	-3.08E-06			
15	180.00	2.65E-03	1.04E-03	1.99E-02	-4.75E-02	1.21E-02	3.91E-02	4.94E-02	-4.57E-02	-44.51	2.65E-03	-4.75E-02
	-10.00	-1.57E-07	-2.19E-07	5.05E-07	-3.65E-06	9.29E-07	3.01E-06	1.64E-06	-2.02E-06			
16	252.00	-4.50E-03	-4.10E-03	2.02E-02	-3.11E-02	5.06E-03	4.18E-02	2.68E-02	-3.54E-02	-45.18	-4.50E-03	-3.11E-02
	-10.00	-3.00E-07	-2.85E-07	6.49E-07	-2.39E-06	3.89E-07	3.21E-06	9.03E-07	-1.49E-06			
17	361.00	-1.76E-02	-3.55E-02	-1.60E-02	-1.02E-01	6.18E-04	1.16E-01	7.57E-02	-1.25E-01	-42.48	-1.76E-02	-1.02E-01
	-303.00	9.82E-08	-7.18E-07	1.71E-07	-9.26E-06	5.62E-08	1.06E-05	4.34E-06	-4.96E-06			
18	361.00	-1.25E-02	-3.55E-02	-4.38E-03	-9.02E-02	2.75E-03	1.00E-01	6.70E-02	-1.15E-01	-41.37	-1.25E-02	-9.02E-02
	-213.00	1.13E-07	-9.33E-07	4.80E-07	-8.20E-06	2.50E-07	9.13E-06	3.72E-06	-4.54E-06			
19	361.00	-5.03E-03	-2.93E-02	2.77E-02	-7.55E-02	1.03E-02	8.21E-02	5.93E-02	-9.37E-02	-40.43	-5.03E-03	-7.55E-02
	-138.00	-7.93E-08	-6.32E-07	6.64E-07	-3.43E-06	4.67E-07	3.73E-06	1.38E-06	-2.09E-06			
20	312.00	-8.07E-02	-1.07E-01	-5.44E-02	-1.22E-01	3.00E-02	1.34E-01	2.84E-02	-2.16E-01	-41.87	-8.07E-02	-1.22E-01
	-68.00	-4.39E-07	-1.46E-06	5.72E-07	-9.36E-06	2.31E-06	1.03E-05	3.76E-06	-5.66E-06			
21	360.67	8.62E-02	6.61E-02	9.47E-02	-6.62E-02	7.07E-03	5.87E-02	1.43E-01	9.21E-03	-40.69	6.61E-02	6.62E-02
	-88.00	6.01E-07	-1.72E-07	9.23E-07	-5.09E-06	5.44E-07	4.51E-06	2.79E-06	-2.36E-06			
22	400.33	-5.71E-02	-8.26E-02	-2.61E-02	-1.10E-01	2.26E-03	1.39E-01	4.12E-02	-1.81E-01	-41.71	-1.80E-01	1.04E-02
	-68.00	-3.75E-07	-1.35E-06	8.17E-07	-8.49E-06	1.74E-07	1.07E-05	3.41E-06	-5.14E-06			
23	324.00	-3.22E-02	-1.25E-04	2.83E-02	-5.34E-02	2.13E-02	4.37E-02	5.18E-02	-5.51E-02	-45.83	-3.22E-03	-5.34E-02
	-15.00	-3.08E-07	-2.79E-07	8.15E-07	-4.11E-06	1.64E-06	3.36E-06	1.72E-06	-2.39E-06			
24	372.00	-9.36E-03	-5.06E-03	2.76E-02	-1.14E-01	2.08E-02	1.17E-01	1.06E-01	-1.21E-01	-45.44	-9.36E-03	-1.14E-01
	-9.33	-4.96E-07	-3.61E-07	9.26E-07	-8.76E-06	1.60E-06	8.97E-06	3.95E-06	-4.81E-06			
25	401.25	1.48E-03	5.29E-03	3.27E-02	-3.87E-02	8.23E-03	5.31E-02	4.22E-02	-3.54E-02	-46.41	3.72E-02	-1.89E-02
	-10.00	-4.43E-07	-2.56E-07	9.88E-07	-2.98E-06	6.33E-07	4.08E-06	1.12E-06	-1.86E-06			
26	427.67	-9.28E-02	-1.35E-01	-5.09E-02	-1.31E-01	2.77E-02	1.69E-01	1.63E-02	-2.45E-01	-41.00	-1.79E-01	-1.17E-01
	-9.33	-5.60E-07	-1.97E-06	9.12E-07	-1.01E-05	2.13E-06	1.30E-05	3.84E-06	-6.35E-06			
27	457.00	-2.16E-02	-5.04E-02	-2.25E-02	-9.95E-02	-7.07E-04	1.21E-01	6.45E-02	-1.37E-01	-40.88	-2.16E-02	-9.95E-02
	-303.00	2.44E-07	-1.06E-06	2.07E-07	-9.04E-06	-6.43E-08	1.10E-05	4.16E-06	-4.98E-06			
28	457.00	-9.63E-03	-4.94E-02	-5.90E-03	-9.48E-02	8.80E-04	1.09E-01	6.76E-02	-1.26E-01	-39.27	-9.93E-03	-9.48E-02
	-213.00	3.92E-07	-1.36E-06	5.66E-07	-8.62E-06	8.00E-08	9.81E-06	3.91E-06	-4.89E-06			
29	457.00	6.72E-03	-2.76E-02	3.56E-02	-8.77E-02	-3.60E-04	8.53E-02	7.89E-02	-9.98E-02	-39.46	6.72E-03	-8.77E-02

3704

	-138.00	7.54E-08	-7.05E-07	7.33E-07	-3.99E-05	-1.63E-05	3.98E-04	1.72E-06	-2.35E-06				
30	442.00	-7.94E-02	-1.90E-01	-7.63E-02	-1.51E-01	7.21E-04	4.59E-01	2.08E-02	-2.89E-01	-35.80	-7.94E-02	-1.51E-01	
	-68.00	6.74E-07	-3.24E-06	7.57E-07	-1.16E-05	5.65E-09	1.22E-05	4.84E-06	-7.44E-06				
31	457.33	1.63E-01	2.54E-02	1.05E-01	-4.44E-02	-1.26E-02	8.21E-02	1.76E-01	1.59E-02	-16.86	2.94E-02	4.44E-02	
	-88.00	2.09E-06	-2.13E-06	7.62E-07	-3.42E-06	-4.82E-06	6.32E-06	3.51E-06	-2.65E-06				
32	472.67	-3.47E-01	-4.14E-01	-2.78E-01	-1.20E-01	3.99E-02	1.91E-01	-2.55E-01	-5.05E-01	-37.16	-4.32E-01	-1.14E-01	
	-68.00	-1.02E-06	-4.52E-06	7.37E-07	-9.25E-06	3.07E-06	1.47E-05	1.59E-06	-8.03E-06				
33	443.00	-2.24E-02	-4.10E-02	1.21E-02	-8.64E-02	1.17E-02	7.30E-02	5.54E-02	-1.19E-01	-41.95	-2.24E-02	-8.66E-02	
	-10.50	-2.02E-07	-1.01E-06	1.03E-06	-6.66E-06	9.03E-07	5.62E-06	2.69E-06	-4.00E-06				
34	454.00	-2.98E-01	-2.97E-01	-2.04E-01	-1.90E-01	5.17E-02	2.19E-01	-1.07E-01	-4.88E-01	-45.09	-3.76E-01	-1.73E-01	
	-11.33	-2.69E-06	-2.64E-06	9.36E-07	-1.46E-05	3.97E-06	1.68E-05	4.65E-06	-9.98E-06				
35	461.67	-1.85E-01	-2.83E-01	-1.55E-01	-1.77E-01	1.48E-02	2.31E-01	-5.21E-02	-4.19E-01	-37.44	-1.88E-01	-1.77E-01	
	-12.00	-3.38E-07	-4.02E-06	9.20E-07	-1.36E-05	1.14E-06	1.77E-05	4.87E-06	-9.23E-06				
36	469.00	1.79E-01	3.50E-02	1.22E-01	-1.59E-02	-5.38E-02	9.57E-02	1.81E-01	3.32E-02	-6.21	3.50E-02	1.59E-02	
	-30.00	3.20E-06	-2.35E-06	9.94E-07	-1.22E-06	-4.14E-06	7.36E-06	3.27E-06	-2.41E-06				
37	476.33	-2.47E-01	-3.73E-01	-2.12E-01	-1.30E-01	1.56E-02	1.53E-01	-1.66E-01	-4.54E-01	-32.07	-3.03E-01	-1.44E-01	
	-12.00	-3.57E-07	-5.19E-06	9.79E-07	-9.97E-06	1.20E-06	1.48E-05	2.77E-06	-8.32E-06				
38	558.50	-7.82E-03	-3.69E-02	-1.12E-02	-8.72E-02	-3.94E-03	1.19E-01	6.61E-02	-1.11E-01	-40.27	-7.82E-03	-8.72E-02	
	-303.00	3.70E-07	-9.50E-07	2.17E-07	-7.93E-06	-3.58E-07	1.08E-05	3.73E-06	-4.31E-06				
39	558.50	-5.28E-03	-5.60E-02	-6.86E-03	-8.77E-02	-8.05E-03	1.12E-01	6.06E-02	-1.22E-01	-36.93	-5.28E-03	-8.77E-02	
	-213.00	6.46E-07	-1.66E-06	5.74E-07	-7.97E-06	-7.32E-07	1.02E-05	3.64E-06	-4.66E-06				
40	506.17	1.92E-02	-1.46E-01	2.44E-03	-1.95E-01	-7.99E-03	2.27E-01	1.52E-01	-2.75E-01	-33.75	1.92E-02	-1.99E-01	
	-128.00	1.09E-06	-2.66E-06	7.07E-07	-9.05E-06	-3.63E-07	1.03E-05	4.11E-06	-5.69E-06				
41	558.50	1.28E-01	-8.35E-02	5.82E-02	-9.21E-02	-4.96E-02	1.30E-01	1.62E-01	-1.18E-01	-20.55	-8.35E-02	9.21E-02	
	-148.00	2.37E-06	-2.44E-06	7.86E-07	-4.19E-06	-2.28E-06	5.91E-06	3.15E-06	-3.22E-06				
42	610.83	-6.36E-03	-1.38E-01	-2.34E-03	-1.61E-01	-4.36E-02	1.78E-01	1.02E-01	-2.46E-01	-33.85	-2.45E-01	-2.15E-02	
	-128.00	6.27E-07	-2.38E-06	7.19E-07	-7.32E-06	-1.98E-06	8.07E-06	3.08E-06	-4.83E-06				
43	501.38	4.70E-02	-1.70E-02	4.31E-02	-4.92E-02	-1.54E-02	6.89E-02	7.35E-02	-4.43E-02	-28.29	4.70E-02	-4.92E-02	
	-78.00	1.01E-06	-1.48E-06	8.64E-07	-3.78E-06	-1.19E-06	5.30E-06	2.03E-06	-2.50E-06				
44	534.67	-4.66E-02	-1.33E-01	-4.04E-02	-1.59E-01	-1.12E-02	1.83E-01	7.49E-02	-2.54E-01	-37.41	-2.54E-01	-1.49E-02	
	-68.00	6.24E-07	-2.69E-06	8.62E-07	-1.22E-05	-8.63E-07	1.41E-05	5.30E-06	-7.37E-06				
45	584.67	2.03E-02	-4.98E-02	1.65E-02	-1.21E-01	-3.75E-02	1.46E-01	1.11E-01	-1.41E-01	-36.91	2.03E-02	-1.21E-01	
	-68.00	9.20E-07	-1.78E-06	7.88E-07	-9.29E-06	-2.89E-06	1.12E-05	4.41E-06	-5.27E-06				
46	610.83	1.55E-01	-3.54E-02	7.23E-02	-6.31E-02	-7.52E-02	1.15E-01	1.74E-01	-5.44E-02	-16.78	-3.54E-02	6.31E-02	
	-88.00	3.85E-06	-3.47E-06	6.73E-07	-4.05E-06	-5.78E-06	8.83E-06	4.58E-06	-4.20E-06				
47	482.63	-1.16E-02	-6.64E-02	7.76E-03	-3.94E-02	-1.64E-02	7.66E-02	8.93E-03	-8.70E-02	-27.58	-1.16E-02	-3.94E-02	
	-21.00	3.26E-07	-1.78E-06	1.07E-06	-3.03E-06	-1.26E-06	5.89E-06	1.12E-06	-2.57E-06				
48	485.83	-2.30E-01	-3.60E-01	-2.02E-01	-1.09E-01	-3.09E-03	2.15E-01	-1.68E-01	-4.22E-01	-29.67	-2.45E-01	-1.17E-01	
	-12.00	-1.36E-07	-5.14E-06	9.43E-07	-8.40E-06	-2.37E-07	1.65E-05	2.24E-06	-7.53E-06				
49	507.88	1.00E-02	-3.63E-02	2.75E-02	-4.09E-02	-1.04E-02	8.21E-02	3.38E-02	-6.01E-02	-30.23	1.00E-02	-4.09E-02	
	-21.00	3.72E-07	-1.41E-06	1.04E-06	-3.14E-06	-8.03E-07	6.31E-06	1.29E-06	-2.33E-06				
50	528.67	-3.28E-02	-1.19E-01	-2.68E-02	-1.41E-01	-4.84E-02	1.58E-01	7.15E-02	-2.23E-01	-36.48	-2.21E-01	-2.94E-02	
	-10.00	7.05E-07	-2.62E-06	9.34E-07	-1.08E-05	-3.72E-06	1.22E-05	4.71E-06	-6.63E-06				
51	484.67	3.12E-01	2.11E-01	2.52E-01	1.23E-02	-1.12E-02	2.60E-02	3.14E-01	2.09E-01	6.78	2.11E-01	-1.23E-02	
	8.00	3.49E-06	-4.23E-07	1.19E-06	9.45E-07	-8.59E-07	2.00E-06	3.55E-06	-4.79E-07				
52	507.00	-2.35E-02	-5.06E-02	9.55E-03	-2.38E-02	-2.17E-02	-5.25E-02	-9.77E-03	-6.44E-02	-30.18	-5.11E-02	-2.35E-02	
	9.00	-1.96E-07	-1.24E-06	1.08E-06	-1.83E-06	-1.67E-06	-4.11E-06	3.35E-07	-1.77E-06				
53	603.00	1.71E-02	-1.38E-02	2.74E-02	-4.88E-02	-2.53E-02	5.83E-02	5.28E-02	-4.95E-02	-36.19	4.42E-02	-2.85E-02	
	-18.00	3.22E-07	-8.70E-07	7.16E-07	-3.75E-06	-1.94E-06	4.49E-06	1.69E-06	-2.24E-06				
54	712.00	-4.49E-03	-3.08E-02	-9.04E-03	-7.54E-02	-9.07E-03	1.04E-01	5.86E-02	-9.42E-02	-40.04	-4.49E-03	-7.54E-02	
	-303.00	3.72E-07	-8.25E-07	1.65E-07	-6.85E-06	-8.25E-07	9.46E-06	3.25E-06	-3.70E-06				
55	712.00	4.22E-02	-4.64E-03	2.73E-02	-8.14E-02	-2.73E-02	9.87E-02	1.04E-01	-6.59E-02	-36.97	4.22E-02	-8.14E-02	
	-213.00	1.08E-06	-1.05E-06	3.97E-07	-7.40E-06	-2.49E-06	8.57E-06	3.86E-06	-3.84E-06				
56	712.00	8.53E-02	1.22E-02	5.83E-02	-5.38E-02	-6.10E-02	8.08E-02	1.14E-01	-1.62E-02	-27.91	8.53E-02	-5.38E-02	
	-138.00	1.13E-06	-5.29E-07	4.74E-07	-2.44E-06	-2.77E-06	3.67E-06	1.78E-06	-1.18E-06				
57	712.00	3.37E-02	-6.37E-03	2.96E-02	-3.90E-02	-2.44E-02	6.01E-02	5.70E-02	-3.17E-02	-30.84	3.37E-02	-3.90E-02	
	-78.00	7.04E-07	-9.14E-07	5.06E-07	-3.00E-06	-1.89E-06	4.63E-06	1.60E-06	-1.61E-06				
58	712.00	3.22E-02	-9.62E-03	2.83E-02	-5.35E-02	-1.97E-02	6.57E-02	6.87E-02	-4.62E-02	-34.33	3.22E-02	-5.35E-02	
	-18.00	6.78E-07	-9.20E-07	5.30E-07	-4.11E-06	-1.52E-06	5.36E-06	2.08E-06	-2.33E-06				
59	837.00	2.04E-01	1.02E-01	1.22E-01	-6.18E-02	-5.48E-02	9.14E-02	2.33E-01	7.27E-02	-25.25	1.02E-01	6.18E-02	
	-318.00	3.70E-06	-9.26E-07	.00E+00	-5.62E-06	-4.58E-06	8.31E-06	5.03E-06	-2.25E-06				
60	887.00	[illegible]39E-03	-3.47E-02	-1.01E-02	-1.66E-01	-2.06E-02	[illegible]-01	1.54E-01	-1.80E-01	-41.21	-1.69E-01	5.85E-[illegible]	
	-288.00	[illegible]8E-07	-1.12E-06	.00E+00	-1.51E-05	-1.87E-06	[illegible]-05	7.48E-06	-7.71E-06				
61	987	[illegible]20E-02	-5.46E-02	-4.26E-02	-1.64E-01	1.31E-02	[illegible]-01	1.11E-01	-2.18E-01	-44.77	-5.20E-02	-1.6[illegible]	

	-26E	-4.24E-07	-5.45E-07	.00E+00	-1.49E-05	1.19E-06	[illegible]E-05	6.98E-06	-7.95E-06					
62	1037.	1.82E-01	9.50E-02	1.11E-01	-1.15E-01	-4.73E-02	[illegible]E-01	2.64E-01	1.50E-02	-34.78	9.59E-02	1.16		
	-31P.	3.24E-06	-7.66E-07	.00E+00	-1.06E-05	-4.30E-06	[illegible]3E-05	6.91E-06	-4.38E-06					
63	862.00	2.16E-03	-1.77E-02	2.61E-05	-3.65E-02	-1.00E-02	1.05E-01	7.92E-02	-9.45E-02	-41.70	2.14E-03	-8.65E-02		
	-213.00	3.01E-07	-6.09E-07	2.05E-07	-7.86E-06	-9.10E-07	9.55E-06	3.60E-06	-4.11E-06					
64	1012.00	-8.90E-03	-2.35E-02	-7.90E-03	-8.98E-02	2.72E-04	1.08E-01	7.39E-02	-1.06E-01	-42.68	-8.90E-03	-8.98E-02		
	-213.00	1.17E-07	-5.46E-07	1.68E-07	-9.16E-06	2.47E-06	9.80E-06	3.58E-06	-4.31E-06					
65	837.00	4.11E-02	-1.96E-02	2.34E-02	-7.22E-02	-1.82E-02	1.08E-01	8.91E-02	-6.76E-02	-33.59	-1.96E-02	7.22E-02		
	-148.00	6.95E-07	-6.62E-07	2.07E-07	-3.25E-06	-8.29E-07	4.02E-06	1.79E-06	-1.77E-06					
66	937.00	2.69E-02	-2.74E-02	1.50E-02	-1.15E-01	-2.13E-02	1.27E-01	1.18E-01	-1.18E-01	-38.35	-9.90E-02	6.44E-02		
	-128.00	5.35E-07	-6.58E-07	2.65E-07	-5.22E-06	-9.68E-07	5.78E-06	2.60E-06	-2.76E-06					
67	1037.00	1.31E-01	-2.32E-02	4.49E-02	-1.15E-01	-5.50E-02	1.39E-01	1.92E-01	-8.42E-02	-28.05	-2.32E-02	1.15E-01		
	-148.00	2.15E-06	-1.33E-06	2.19E-07	-5.21E-06	-2.68E-06	6.34E-06	3.56E-06	-2.72E-06					
68	837.00	3.71E-02	-1.48E-02	2.10E-02	-1.24E-01	-2.82E-02	1.47E-01	1.38E-01	-1.16E-01	-39.11	3.71E-02	-1.24E-01		
	-68.00	9.51E-07	-1.04E-06	3.31E-07	-9.56E-06	-2.17E-06	1.13E-05	4.84E-06	-4.93E-06					
69	937.00	8.26E-02	-9.35E-03	3.81E-02	-7.60E-02	-3.22E-02	8.17E-02	1.25E-01	-5.22E-02	-29.41	-9.35E-03	7.60E-02		
	-88.00	1.95E-06	-1.58E-06	2.42E-07	-5.85E-06	-2.48E-06	6.28E-06	3.60E-06	-3.23E-06					
70	1037.00	-4.51E-02	-1.16E-01	-5.63E-02	-1.28E-01	2.16E-03	1.87E-01	5.20E-02	-2.13E-01	-37.29	-1.94E-01	6.81E-02		
	-68.00	6.48E-07	-2.05E-06	2.19E-07	-9.81E-06	1.66E-07	1.44E-05	4.38E-06	-5.79E-06					
71	862.00	4.86E-02	4.68E-04	3.23E-02	-5.37E-02	-2.65E-02	7.25E-02	8.34E-02	-3.43E-02	-32.94	4.86E-02	-5.37E-02		
	-18.00	9.74E-07	-8.76E-07	3.48E-07	-4.13E-06	-2.04E-06	5.58E-06	2.31E-06	-2.21E-06					
72	1012.00	-2.06E-03	-3.50E-02	-4.78E-03	-6.50E-02	-2.79E-03	6.56E-02	4.86E-02	-8.56E-02	-37.90	-2.06E-03	-6.50E-02		
	-18.00	3.80E-07	-8.86E-07	2.76E-07	-5.00E-06	-2.15E-07	5.05E-06	2.33E-06	-2.83E-06					
73	1387.00	-1.01E-02	-1.30E-02	-8.81E-03	-6.23E-02	-1.91E-03	6.71E-02	5.08E-02	-7.38E-02	-44.33	-1.01E-02	-6.23E-02		
	-303.00	-4.34E-08	-1.77E-07	1.32E-08	-5.66E-06	-1.74E-07	6.10E-06	2.72E-06	-2.94E-06					
74	1387.00	2.32E-03	-1.10E-03	1.12E-03	-6.81E-02	-7.08E-03	6.71E-02	6.88E-02	-6.75E-02	-44.28	2.32E-03	-6.81E-02		
	-213.00	7.52E-08	-8.06E-08	2.07E-08	-6.19E-06	-6.44E-07	6.10E-06	3.10E-06	-3.10E-06					
75	1387.00	1.20E-02	-3.40E-03	3.02E-03	-5.09E-02	-2.06E-02	4.67E-02	5.57E-02	-4.72E-02	-40.69	1.20E-02	-5.09E-02		
	-138.00	2.11E-07	-1.39E-07	8.44E-09	-2.31E-06	-9.38E-07	2.12E-06	1.21E-06	-1.13E-06					
76	1187.00	4.43E-02	2.97E-02	3.66E-02	-7.39E-02	-3.34E-02	4.53E-02	1.11E-01	-3.72E-02	-42.18	4.43E-02	-7.39E-02		
	-68.00	4.89E-07	-7.22E-08	1.91E-07	-5.68E-06	-2.57E-06	3.49E-06	3.06E-06	-2.65E-06					
77	1387.00	2.96E-02	8.48E-03	9.00E-03	-4.03E-02	-2.55E-02	4.98E-02	6.01E-02	-2.30E-02	-38.01	8.48E-03	4.03E-02		
	-88.00	5.93E-07	-1.80E-07	-1.60E-07	-3.10E-06	-1.96E-06	3.83E-06	1.81E-06	-1.39E-06					
78	1587.00	7.65E-03	-2.52E-03	-3.03E-03	-5.09E-02	-5.37E-03	2.78E-02	5.37E-02	-4.86E-02	-42.15	-2.17E-02	4.50E-02		
	-68.00	2.71E-07	-1.20E-07	-1.40E-07	-3.91E-06	-4.13E-07	2.14E-06	2.04E-06	-1.89E-06					
79	1237.00	4.32E-02	6.97E-03	2.18E-02	-4.65E-02	-3.40E-02	4.16E-02	7.51E-02	-2.47E-02	-34.31	4.33E-02	-4.65E-02		
	-18.00	8.74E-07	-5.25E-07	4.68E-08	-3.57E-06	-2.62E-06	3.20E-06	2.09E-06	-1.74E-06					
80	1433.80	2.54E-02	-1.11E-03	4.62E-03	-5.88E-02	-1.96E-02	3.52E-02	7.24E-02	-4.81E-02	-38.64	2.54E-02	-5.88E-02		
	-8.00	6.60E-07	-3.61E-07	-1.40E-07	-4.52E-06	-1.51E-06	2.71E-06	2.47E-06	-2.17E-06					
81	1533.80	4.13E-02	7.81E-03	1.29E-02	-3.24E-02	-1.48E-02	1.86E-02	6.11E-02	-1.19E-02	-31.34	7.81E-03	3.24E-02		
	-28.00	9.08E-07	-3.81E-07	-1.86E-07	-2.50E-06	-1.14E-06	1.43E-06	1.67E-06	-1.14E-06					
82	1633.80	4.37E-02	1.46E-02	1.70E-02	-1.10E-02	-5.06E-03	3.65E-03	4.74E-02	1.10E-02	-18.51	1.10E-02	-1.33E-03		
	-8.00	8.53E-07	-2.65E-07	-1.75E-07	-8.43E-07	-3.89E-07	2.81E-07	9.94E-07	-4.06E-07					
83	1433.80	1.70E-01	6.68E-02	8.65E-02	-3.60E-02	-6.99E-02	2.59E-02	1.92E-01	5.55E-02	-17.40	6.68E-02	3.60E-02		
	27.60	3.00E-06	-5.89E-07	-2.30E-07	-2.77E-05	-5.38E-06	2.00E-06	3.43E-06	-1.42E-06					
84	1298.10	6.20E-02	2.03E-03	2.31E-02	-4.38E-02	-3.66E-02	3.37E-02	8.51E-02	-2.11E-02	-27.81	2.99E-02	5.30E-02		
	40.70	1.43E-06	-8.79E-07	-6.88E-08	-3.37E-06	-2.81E-06	2.59E-06	2.32E-06	-1.77E-06					
85	1148.60	3.43E-02	-8.74E-03	1.85E-02	-5.93E-02	-4.00E-02	1.42E-02	7.59E-02	-5.03E-02	-35.02	-3.85E-02	-3.67E-02		
	57.33	8.37E-07	-8.20E-07	2.26E-07	-4.56E-06	-3.08E-06	1.09E-06	2.44E-06	-2.42E-06					
86	1131.40	2.10E-01	1.11E-01	1.22E-01	-9.19E-03	-1.11E-01	8.13E-03	2.11E-01	1.10E-01	-5.28	1.11E-01	9.19E-03		
	112.00	3.19E-06	-5.96E-07	-1.62E-07	-7.07E-07	-8.57E-06	6.25E-07	3.23E-06	-6.29E-07					
87	1019.80	5.31E-02	-3.02E-02	1.87E-02	-5.65E-02	-4.00E-02	1.13E-01	8.22E-02	-5.86E-02	-26.69	-3.02E-02	5.65E-02		
	34.67	1.60E-06	-1.63E-06	2.54E-07	-4.35E-06	-3.08E-06	8.72E-06	2.70E-06	-2.72E-06					
88	886.60	3.50E-02	-1.36E-02	2.34E-02	-4.33E-02	-1.87E-02	6.47E-02	6.10E-02	-3.87E-02	-30.13	3.59E-02	-4.33E-02		
	46.00	8.79E-07	-1.02E-06	3.96E-07	-3.33E-06	-1.44E-06	4.98E-06	1.85E-06	-1.99E-06					
89	869.80	1.90E-01	6.81E-02	1.28E-01	-1.35E-02	-3.81E-02	3.96E-02	1.91E-01	8.63E-02	-7.48	6.81E-02	1.35E-02		
	96.00	2.83E-06	-1.06E-06	4.54E-07	-1.04E-06	-2.93E-06	3.05E-06	2.90E-06	-1.13E-06					
90	952.60	2.59E-02	-2.46E-02	-1.23E-02	-8.39E-02	-2.86E-02	5.68E-02	6.85E-02	-1.38E-01	-27.16	-1.21E-01	5.54E-02		
	128.00	1.39E-06	-2.75E-06	4.17E-07	-6.45E-06	-2.20E-06	4.37E-06	3.54E-06	-4.40E-06					
91	869.80	5.29E-02	2.94E-03	3.82E-02	-3.24E-02	-2.62E-02	1.07E-02	6.88E-02	-1.30E-02	-26.21	5.29E-02	-3.24E-02		
	160.00	1.00E-06	-5.20E-07	4.36E-07	-2.49E-06	-2.03E-06	1.51E-06	1.61E-06	-1.53E-06					
92	869.80	2.16E-01	6.77E-02	1.24E-01	1.65E-03	-7.02E-02	1.90E-02	2.16E-01	6.76E-02	.40	6.77E-02	-1.05E-03		
	203.60	3.63E-06	-1.68E-06	2.99E-07	8.04E-08	-5.40E-06	1.46E-06	3.83E-06	-1.88E-06					
93	598.67	2.46E-02	-3.13E-02	2.11E-02	-9.77E-02	-3.15E-02	1.13E-01	8.96E-02	-9.54E-02	-36.16	-3.13E-02	8.77E-02		

3704

	16.00	7.93E-07	-1.26E-06	5.52E-07	-6.75E-06	-2.56E-06	5.67E-06	3.25E-06	-3.83E-06				
94	645.75	1.20E-02	-1.00E-02	3.03E-02	-5.43E-02	-2.05E-02	5.75E-02	6.94E-02	-4.74E-02	-33.98	3.29E-02	-5.41E-02	
	24.00	6.31E-07	-9.64E-07	5.91E-07	-4.16E-06	-1.61E-06	4.42E-06	2.05E-06	-2.40E-06				
95	613.10	5.40E-02	6.90E-02	6.35E-02	-3.04E-02	-1.25E-02	4.45E-02	1.34E-01	-2.77E-02	-43.91	5.60E-02	-8.06E-02	
	69.33	2.89E-07	5.43E-08	5.89E-07	-6.20E-06	-9.62E-07	3.42E-06	3.27E-06	-2.93E-06				
96	708.45	5.72E-02	-4.14E-03	3.92E-02	-4.24E-02	-2.00E-02	5.10E-02	7.88E-02	-2.56E-02	-27.07	2.59E-02	5.23E-02	
	55.00	1.10E-06	-1.17E-06	4.94E-07	-3.26E-06	-1.54E-06	3.02E-06	2.02E-06	-2.01E-06				
97	613.10	1.76E-01	5.24E-02	1.26E-01	-1.55E-02	-3.04E-02	2.84E-02	1.79E-01	8.95E-02	-10.26	9.24E-02	1.56E-02	
	96.00	2.43E-06	-7.38E-07	5.09E-07	-1.20E-05	-2.34E-06	2.19E-06	2.54E-06	-8.87E-07				
98	682.27	4.95E-02	-1.00E-02	3.24E-02	-4.93E-02	-1.13E-02	6.24E-02	7.73E-02	-3.79E-02	-29.44	-3.73E-02	7.96E-03	
	112.00	1.11E-06	-1.18E-06	4.57E-07	-3.75E-06	-9.73E-07	4.86E-06	2.11E-06	-2.25E-06				
99	751.43	1.16E-01	-1.05E-01	2.20E-02	-7.39E-02	-4.98E-02	1.08E-01	1.35E-01	-1.28E-01	-16.85	-1.05E-01	7.39E-02	
	96.00	4.11E-06	-4.41E-06	4.81E-07	-5.68E-06	-3.83E-06	8.34E-06	4.97E-06	-5.27E-06				
100	683.25	4.99E-02	-1.98E-03	3.51E-02	-2.17E-02	-7.74E-03	3.44E-02	5.78E-02	-9.84E-03	-19.94	4.99E-02	-2.17E-02	
	152.00	1.01E-06	-9.89E-07	4.39E-07	-1.67E-06	-5.96E-07	2.65E-06	1.31E-06	-1.29E-06				
101	648.67	2.34E-01	1.22E-01	1.65E-01	-7.83E-03	-8.77E-03	2.90E-02	2.34E-01	1.22E-01	-4.00	1.22E-01	7.83E-03	
	192.00	3.27E-06	-1.02E-06	6.09E-07	-6.02E-07	-6.74E-07	2.23E-06	3.29E-06	-1.04E-06				
102	728.25	3.00E-02	-2.34E-02	1.53E-02	-3.17E-02	-2.24E-03	1.81E-02	4.47E-02	-3.82E-02	-24.93	-2.67E-03	4.10E-02	
	232.70	9.13E-07	-1.14E-06	3.49E-07	-2.44E-06	-1.73E-07	1.39E-06	1.46E-06	-1.71E-06				
103	635.50	2.97E-02	1.93E-02	2.75E-02	5.29E-04	-1.81E-03	1.79E-02	2.87E-02	1.92E-02	3.21	2.87E-02	5.29E-04	
	256.00	2.75E-07	-8.75E-08	2.28E-07	4.07E-08	-1.33E-07	1.38E-06	2.76E-07	-8.87E-08				
104	635.50	7.93E-02	5.21E-02	6.34E-02	5.84E-03	3.57E-03	-1.59E-03	8.05E-02	5.09E-02	11.60	5.21E-02	-5.64E-03	
	296.67	9.10E-07	-1.30E-07	2.98E-07	4.50E-07	3.05E-07	-1.22E-07	9.57E-07	-1.84E-07				
105	569.00	9.80E-03	-3.76E-02	1.66E-02	-1.02E-01	-3.41E-02	9.58E-02	9.05E-02	-1.18E-01	-38.44	9.80E-03	-1.02E-01	
	16.50	5.00E-07	-1.32E-06	7.63E-07	-7.82E-06	-2.63E-06	7.37E-06	3.60E-06	-4.43E-06				
106	508.50	-1.71E-02	-1.96E-02	1.82E-02	-3.91E-02	-6.04E-02	3.23E-02	2.08E-02	-5.74E-02	-44.07	-1.96E-02	3.91E-02	
	13.00	-4.53E-07	-5.51E-07	9.02E-07	-3.01E-06	-4.65E-06	2.48E-06	1.00E-06	-2.01E-06				
107	521.00	-2.44E-02	-4.09E-02	8.83E-03	-8.34E-02	-2.64E-02	5.45E-02	5.11E-02	-1.16E-01	-42.18	-2.44E-02	-8.34E-02	
	15.75	-3.10E-07	-9.52E-07	9.61E-07	-6.42E-06	-2.03E-06	4.19E-06	2.59E-06	-3.86E-06				
108	526.25	-2.03E-02	-3.54E-02	1.05E-02	-9.37E-02	-2.26E-02	5.64E-02	6.62E-02	-1.22E-01	-42.70	-2.03E-02	-9.37E-02	
	21.00	-2.85E-07	-8.65E-07	9.01E-07	-7.21E-06	-1.74E-06	4.34E-06	3.04E-06	-4.19E-06				
109	515.50	3.37E-03	-6.36E-03	2.78E-02	-1.01E-01	-3.92E-02	3.27E-02	1.00E-01	-1.03E-01	-43.63	-6.36E-03	1.01E-01	
	26.00	-1.43E-07	-5.17E-07	7.96E-07	-7.80E-06	-3.01E-06	2.52E-06	3.57E-06	-4.23E-06				
110	531.50	1.41E-03	-2.35E-02	1.93E-02	-7.88E-02	-1.65E-02	4.81E-02	6.88E-02	-9.05E-02	-40.52	1.41E-03	-7.88E-02	
	34.50	8.44E-08	-8.73E-07	7.73E-07	-6.07E-06	-1.27E-06	3.70E-06	2.68E-06	-3.46E-06				
111	515.50	9.30E-02	1.10E-01	1.10E-01	-2.02E-01	-1.23E-02	4.12E-02	3.04E-01	-1.01E-01	-46.18	9.30E-02	-2.02E-01	
	44.00	1.36E-07	7.78E-07	8.07E-07	-1.56E-05	-9.47E-07	3.17E-06	8.24E-06	-7.33E-06				
112	515.50	1.07E-01	6.31E-02	9.35E-02	-4.98E-02	-1.70E-02	2.63E-02	1.39E-01	3.06E-02	-33.09	6.31E-02	4.98E-02	
	53.33	1.22E-06	-4.72E-07	7.01E-07	-3.83E-06	-1.31E-06	2.02E-06	2.47E-06	-1.72E-06				
113	547.50	2.21E-02	-7.65E-02	2.28E-03	-9.57E-02	-1.50E-02	5.70E-02	8.05E-02	-1.35E-01	-31.38	-1.05E-01	7.46E-02	
	64.00	1.42E-06	-2.37E-06	6.60E-07	-7.36E-06	-1.15E-06	4.39E-06	3.67E-06	-4.61E-06				
114	515.50	8.83E-02	7.27E-02	8.57E-02	-8.08E-02	-8.40E-03	4.52E-02	1.62E-01	-7.46E-04	-42.24	8.83E-02	-8.08E-02	
	74.67	6.85E-07	8.44E-08	5.86E-07	-6.22E-06	-6.46E-07	3.48E-06	3.51E-06	-2.74E-06				
115	515.50	2.33E-01	1.42E-01	1.73E-01	-3.23E-02	-1.35E-02	2.43E-02	2.43E-01	1.32E-01	-17.74	1.42E-01	3.23E-02	
	88.00	2.94E-06	-5.47E-07	6.22E-07	-2.48E-06	-1.04E-06	1.67E-06	3.34E-06	-9.45E-07				
116	547.50	8.72E-02	-2.73E-02	4.13E-02	-1.18E-01	-1.34E-02	5.81E-02	1.58E-01	-1.08E-01	-31.06	-8.54E-02	7.46E-02	
	104.00	2.35E-06	-2.44E-06	5.85E-07	-9.05E-06	-1.03E-06	4.47E-06	5.08E-06	-5.16E-06				
117	515.50	2.98E-02	-1.03E-03	2.55E-02	-6.70E-02	-1.21E-03	5.37E-02	8.31E-02	-5.44E-02	-38.53	2.98E-02	-6.70E-02	
	120.00	5.49E-07	-6.36E-07	3.85E-07	-5.15E-06	-9.29E-08	4.13E-06	2.60E-06	-2.69E-06				
118	515.50	1.83E-01	1.08E-01	1.32E-01	-2.67E-02	3.50E-03	2.08E-02	1.89E-01	9.91E-02	-18.31	1.08E-01	2.67E-02	
	136.00	2.31E-06	-4.57E-07	4.55E-07	-2.05E-06	2.69E-07	1.60E-06	2.64E-06	-7.97E-07				
119	547.50	7.75E-02	-1.27E-02	4.15E-02	-7.41E-02	-2.82E-03	3.05E-02	1.19E-01	-5.43E-02	-29.35	-4.22E-02	4.42E-02	
	152.00	1.01E-06	-1.66E-06	4.29E-07	-5.70E-06	-2.17E-07	2.38E-06	3.41E-06	-3.26E-06				
120	515.50	3.51E-02	-4.55E-03	1.97E-02	-3.77E-02	3.97E-03	4.98E-02	5.78E-02	-2.73E-02	-31.12	3.51E-02	-3.77E-02	
	168.00	7.99E-07	-7.27E-07	2.04E-07	-2.90E-06	3.05E-07	3.83E-06	1.67E-06	-1.60E-06				
121	515.50	2.26E-01	1.40E-01	1.59E-01	-2.29E-02	1.46E-02	1.59E-02	2.32E-01	1.34E-01	-13.97	1.40E-01	2.29E-02	
	184.00	2.02E-06	-3.59E-07	3.63E-07	-1.76E-06	1.12E-06	1.22E-06	3.14E-06	-6.18E-07				
122	547.50	4.80E-02	-6.58E-02	5.35E-03	-9.50E-02	4.66E-03	4.16E-02	1.02E-01	-1.20E-01	-29.54	-1.04E-01	5.70E-02	
	200.00	1.28E-06	-2.38E-06	3.42E-07	-7.31E-06	3.58E-07	3.20E-06	4.05E-06	-4.46E-06				
123	515.50	-4.83E-02	-5.90E-02	-5.78E-02	-3.11E-02	1.69E-02	7.15E-02	-3.35E-02	-1.14E-01	-25.43	-4.83E-02	-3.11E-02	
	216.00	3.96E-07	-1.45E-06	3.04E-08	-2.39E-05	1.30E-06	5.50E-06	9.64E-07	-2.12E-06				
124	515.50	[illegible]00E-02	6.07E-02	7.41E-02	-1.37E-02	4.53E-02	[illegible]-02	1.03E-01	5.63E-02	-17.65	6.07E-02	1.37E-[illegible]	
	232.00	[illegible]94E-06	-2.34E-07	2.80E-07	-1.06E-06	3.75E-06	[illegible]-07	1.41E-06	-4.04E-07				
125	547	[illegible]14E-02	4.20E-02	5.11E-02	-2.63E-02	2.41E-02	[illegible]-02	7.95E-02	2.38E-02	-34.76	3.08E-02	1.[illegible]	

	24[illegible]	[illegible].70E-07	-[illegible].40E-08	2.64E-07	-2.02E-05	1.86E-06	[illegible]E-06	1.37E-06	-7.86E-07				
126	51[illegible]	[illegible].79E-02	-1.04E-01	-4.70E-02	4.71E-01	2.23E-02	[illegible]E-02	-5.73E-02	-1.04E-01	5.79	-5.78E-02	4.71E[illegible]	
	264.0[illegible]	[illegible].66E-07	-1.43E-06	-4.[illegible]E-08	3.62E-07	1.72E-06	[illegible]E-06	3.08E-07	-1.50E-06				
127	51[illegible].50	7.42E-02	4.90E-02	1.07E-02	-1.20E-02	6.25E-02	5.02E-03	7.98E-02	4.43E-02	-23.39	4.99E-02	1.29E-02	
	276.00	8.44E-07	-8.62E-08	2.49E-07	-9.93E-07	4.81E-06	3.86E-07	1.06E-06	-3.04E-07				
128	531.50	7.40E-02	6.97E-04	3.97E-03	-5.60E-03	2.06E-02	1.85E-03	1.06E-02	-2.64E-03	-29.55	7.40E-03	-5.69E-03	
	297.00	1.63E-07	-1.09E-07	2.13E-08	-4.35E-07	1.59E-06	1.43E-07	2.77E-07	-2.33E-07				
129	51[illegible].50	-9.05E-02	-1.28E-01	-2.26E-02	5.99E-03	2.32E-02	5.34E-02	-6.95E-02	-1.25E-01	8.88	-9.05E-02	5.99E-03	
	320.00	-4.27E-08	-1.50E-06	-1.46E-07	4.60E-07	1.78E-06	4.11E-06	-2.67E-08	-1.54E-06				
183	55[illegible].50	1.42E-02	-6.05E-02	1.38E-02	-1.45E-01	-4.48E-02	1.25E-01	1.27E-01	-1.73E-01	-37.78	1.42E-02	-1.45E-01	
	-8.00	9.03E-07	-1.07E-06	8.85E-07	-1.12E-05	-3.45E-06	9.61E-06	5.23E-06	-6.30E-06				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1414E+01	-.8159E+01	-.2417E+02	-.2325E+01	-.7484E+01	.4588E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3004E+00	-.1835E+00	-.1306E+00	-.1141E+01	.1914E+01	.1833E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3887E+00	.7646E-01	-.7239E-01	-.1523E+01	.4579E+01	.3152E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5206E+00	-.1112E+00	-.3341E-01	-.2053E+01	.6951E+01	.4594E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4085E+00	.9794E-01	-.3088E-01	-.2684E+01	.9366E+01	.6108E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1370E+00	.2087E-01	-.4634E-01	-.3923E+01	.1166E+02	.7817E+01
25	-.9770E+00	-.1617E+00	-.2116E-01	-.5141E+01	.1281E+02	.9414E+01
26	.2125E+01	.3311E+00	-.3135E-01	-.5395E+01	.1350E+02	.1059E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3292E+01	.7767E+00	-.2162E+00	-.5265E+01	.1812E+02	.1149E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1183E+03	-.1864E+02	-.4583E+00	-.7958E+01	.4596E+02	.1794E+02
40	-.6780E+02	-.8543E+01	-.1395E+01	-.7037E+01	.4549E+02	.1651E+02
41	-.2854E+02	-.2314E+01	-.1665E+01	-.5731E+01	.4123E+02	.1445E+02
42	-.2202E+01	.8813E+00	-.9339E+00	-.5044E+01	.2981E+02	.1261E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

47	.5210E+00	-.1669E+01	-.4641E-01	.3374E+00	.4729E+02	-.7863E+01
48	-.1962E+01	-.1201E+01	-.5137E-01	-.5179E+01	.4328E+02	-.5817E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3502E+02	.1315E+02	.3521E+00	-.3442E+01	.3085E+02	-.2704E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2343E-02	-.1571E+01	-.3306E-01	.7059E+00	.4671E+02	-.7208E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.5876E+02	.9040E+01	.3601E+00	-.9433E+01	.2554E+02	-.2577E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.4194E+02	.6497E+01	.4984E+00	-.7888E+01	.2489E+02	-.2513E+02
66	.1620E+02	.2623E+01	.6439E+00	-.9344E+01	.2284E+02	-.2607E+02
67	-.2467E+02	-.3505E+01	.6609E+00	-.9280E+01	.2106E+02	-.2607E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.4411E+02	-.6411E+01	.5949E+00	-.1045E+02	.2037E+02	-.2496E+02
76	.4202E+01	.9254E+00	.4510E+00	-.1167E+02	.1838E+02	-.2500E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1803E+02	-.2677E+01	.3544E+00	-.1187E+02	.1502E+02	-.2427E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.7182E+01	.1218E+01	.2847E+00	-.1327E+02	.1251E+02	-.2336E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1141E+02	-.1604E+01	.2535E+00	-.1162E+02	.9293E+01	-.2187E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.5485E+01	.9358E+00	.2118E+00	-.1075E+02	.6953E+01	-.2015E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.6359E+01	-.9870E+00	.2212E+00	-.1015E+02	.4330E+01	-.1806E+02
[illegible]	.3543E+01	.5661E+00	.2094E+00	-.9[illegible]	.1980E+01	-.1573E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

1	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00
112	-.4078E+01	-.9033E+00	.2145E+00	-.5705E[illegible]	-.1644E+00	-.1275E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7300E+01	-.1106E+01	.1012E+00	-.4938E+01	-.1903E+01	-.9833E+01
115	.2345E+01	.3325E+00	.6849E-01	-.2964E+01	-.2366E+01	-.6723E+01
116	-.4563E+01	-.7219E+00	.1045E+00	-.1392E+01	-.3708E+01	-.4416E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2168E+01	-.3707E+00	.7920E-01	-.2988E+01	-.4571E+01	-.4525E+01
119	.1085E+01	.1100E+00	.9829E-01	.8414E+00	-.4654E+01	-.1924E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.4225E+01	-.7735E+00	-.2830E+00	.1886E+01	-.5682E+01	-.5338E+00
122	-.3095E+01	-.7416E+00	-.7069E+00	-.3493E+00	-.5857E+01	-.1220E+01
123	-.3358E+01	-.5754E+00	-.6170E+00	-.3067E+00	-.5307E+01	-.1150E+01
124	-.2794E+01	-.4346E+00	-.4227E+00	-.2733E+00	-.4539E+01	-.1093E+01
125	-.2175E+01	-.3092E+00	-.3091E+00	-.2440E+00	-.3926E+01	-.1036E+01
126	-.1293E+01	-.1359E+00	-.2934E+00	-.2099E+00	-.3573E+01	-.9751E+00
127	-.5562E+00	-.3737E-02	-.3104E+00	-.1788E+00	-.3326E+01	-.8859E+00
128	.3194E+00	.1448E+00	-.3295E+00	-.1107E+00	-.2701E+01	-.7793E+00
129	.5523E+00	.1643E+00	-.3130E+00	-.6335E-01	-.2069E+01	-.6636E+00
130	.5115E+00	.1260E+00	-.2692E+00	-.3243E-01	-.1482E+01	-.5521E+00
131	.1853E+00	.2999E-01	-.2171E+00	-.1094E-01	-.9714E+00	-.4541E+00
132	-.1312E-01	-.1067E-01	-.1664E+00	-.1796E-01	-.7499E+00	-.3663E+00
133	-.1710E-01	-.8177E-02	-.1466E+00	-.1824E-01	-.6180E+00	-.2937E+00
134	-.7373E-02	-.4663E-02	-.1419E+00	-.1361E-01	-.4767E+00	-.2273E+00
135	-.4758E-02	-.2138E-02	-.1590E+00	-.8610E-02	-.3393E+00	-.1679E+00
136	.1093E-02	-.1429E-02	-.2097E+00	-.3388E-02	-.2230E+00	-.1131E+00
137	.7822E-03	.1194E-03	-.3152E+00	.6808E-02	-.1034E+00	-.6269E-01
138	.3093E-02	-.4192E-02	-.3890E+01	.1710E-01	.3101E-01	-.3455E-01
139	-.3558E-02	-.5775E-02	-.2388E+01	.1449E-02	-.1729E-01	.1969E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.56782E-02	.34629E-04	-.56853E-02	.00000E+00
3	.10479E-01	.10901E-03	-.10489E-01	.00000E+00
4	.11428E-01	.10376E-03	-.11417E-01	.00000E+00
5	.12417E-01	.14995E-04	-.12422E-01	.00000E+00
6	.14220E-01	-.47566E-05	-.14218E-01	.12550E-05
7	.12930E-01	.15777E-03	-.13110E-01	.00000E+00
8	.14264E-01	.11272E-03	-.14313E-01	.23532E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.56491E-02	.42092E-04	-.57146E-02	.00000E+00
11	.10589E-01	.92553E-04	-.10753E-01	.00000E+00
12	.11894E-01	.96888E-04	-.12073E-01	.00000E+00
13	.12933E-01	.74866E-04	-.13028E-01	.00000E+00
14	.14359E-01	.91388E-04	-.14562E-01	.53253E-06
15	.13150E-01	.17100E-03	-.13728E-01	.00000E+00
16	.14498E-01	.13442E-03	-.14971E-01	-.10038E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.57331E-02	.36613E-04	-.59791E-02	.00000E+00
19	.10837E-01	.59179E-04	-.11346E-01	.00000E+00
20	.12207E-01	.75445E-04	-.12799E-01	.00000E+00
21	.13291E-01	.14348E-04	-.13837E-01	.00000E+00
22	.14693E-01	.88947E-05	-.15542E-01	-.54061E-06
23	.13707E-01	.19555E-03	-.15048E-01	.00000E+00
24	.14929E-01	.13782E-03	-.16290E-01	.36144E-05
25	.15092E-01	.22544E-03	-.16773E-01	-.52928E-06
26	.15187E-01	.17261E-03	-.17058E-01	-.37281E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.58103E-02	.64733E-04	-.62465E-02	.00000E+00
29	.11196E-01	.93939E-04	-.12001E-01	.00000E+00
30	.12143E-01	.90712E-04	-.13683E-01	.00000E+00

31	.13911E-01	.14756E-03	-.15296E-01	.00000E+00
32	.15299E-01	.19143E-03	-.17373E-01	.99719E-05
33	.13799E-01	.30298E-03	-.15323E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.58163E-02	.13050E-03	-.62846E-02	.00000E+00
36	.11344E-01	.11983E-03	-.12206E-01	.00000E+00
37	.12722E-01	.12564E-03	-.13665E-01	.00000E+00
38	.14252E-01	.13706E-03	-.15918E-01	.00000E+00
39	.15457E-01	.26363E-03	-.17908E-01	-.10744E-04
40	.15426E-01	.34205E-03	-.17783E-01	-.38210E-05
41	.15396E-01	.35378E-03	-.17667E-01	.14420E-05
42	.15355E-01	.30203E-03	-.17537E-01	.70136E-05
43	.12755E-01	.20911E-03	-.13584E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.58999E-02	-.17770E-03	-.58927E-02	.00000E+00
46	.11511E-01	.51307E-04	-.11937E-01	.00000E+00
47	.15472E-01	.18368E-03	-.17956E-01	-.84626E-05
48	.15467E-01	.22150E-03	-.17950E-01	-.13371E-04
49	.14244E-01	.15992E-03	-.15789E-01	.00000E+00
50	.15623E-01	.21897E-03	-.18024E-01	-.36919E-04
51	.14498E-01	.20693E-03	-.15566E-01	.00000E+00
52	.16248E-01	.16067E-03	-.17100E-01	.00000E+00
53	.15484E-01	.14017E-03	-.17981E-01	-.12209E-05
54	.12791E-01	.26418E-04	-.12801E-01	.00000E+00
55	.14355E-01	.17715E-03	-.14223E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.48805E-02	.47465E-03	-.45607E-02	.00000E+00
58	.10507E-01	.20185E-03	-.08921E-02	.00000E+00
59	.16648E-01	.50043E-04	-.16446E-01	.00000E+00
60	.16322E-01	.14550E-03	-.16698E-01	.00000E+00
61	.15765E-01	.21997E-03	-.18072E-01	-.56271E-04
62	.12302E-01	-.16995E-05	-.10752E-01	.00000E+00
63	.14103E-01	-.96012E-04	-.12687E-01	.00000E+00
64	.16585E-01	.14236E-03	-.17345E-01	.00000E+00
65	.15955E-01	.21930E-03	-.18117E-01	-.69615E-04
66	.16424E-01	.21909E-03	-.18209E-01	-.84179E-04
67	.16928E-01	.21704E-03	-.18307E-01	-.80006E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.39003E-02	-.10411E-03	-.29739E-02	.00000E+00
70	.11239E-01	-.78119E-04	-.95740E-02	.00000E+00
71	.16408E-01	-.17678E-03	-.14774E-01	.00000E+00
72	.17057E-01	.97326E-04	-.17435E-01	.00000E+00
73	.13856E-01	-.75745E-04	-.11455E-01	.00000E+00
74	.18102E-01	.83422E-04	-.18206E-01	.00000E+00
75	.17355E-01	.21590E-03	-.18395E-01	-.60563E-04
76	.17924E-01	.22764E-03	-.18555E-01	-.41975E-04
77	.15847E-01	-.23728E-03	-.13377E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.47187E-02	.10986E-03	-.41357E-02	.00000E+00
80	.10886E-01	-.19410E-03	-.89948E-02	.00000E+00
81	.12071E-01	-.21936E-03	-.99584E-02	.00000E+00
82	.13425E-01	-.32048E-03	-.11276E-01	.00000E+00
83	.18309E-01	-.25903E-03	-.16478E-01	.00000E+00
84	.17503E-01	-.31178E-03	-.14934E-01	.00000E+00
85	.18566E-01	.22757E-03	-.18765E-01	-.33397E-04
86	.18767E-01	.74930E-04	-.18668E-01	.00000E+00
87	.16116E-01	-.24963E-03	-.13271E-01	.00000E+00
88	.18883E-01	.13981E-04	-.17801E-01	.00000E+00
89	.19003E-01	.24491E-03	-.19965E-01	-.26773E-04
90	.13924E-01	-.74789E-04	-.98020E-02	.00000E+00
91	.13762E-01	-.13373E-03	-.10371E-01	.00000E+00
	.14652E-01	.66006E-04	-.10877E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.57427E-02	.00100E+00	-.44960E-02	.00000E+00

	.10444E-01	.00000E+00	-.79757E-02	.00000E+00
	.11971E-01	.00000E+00	-.89543E-02	.00000E+00
97	.12435E-01	.00000E+00	-.91650E-02	.00000E+00
98	.12297E-01	.00000E+00	-.90505E-02	.00000E+00
99	.13240E-01	.73024E-04	-.96339E-02	.00000E+00
100	.15709E-01	.45565E-04	-.11702E-01	.00000E+00
101	.19531E-01	.53162E-04	-.15221E-01	.00000E+00
102	.19685E-01	.25396E-03	-.19257E-01	-.24151E-04
103	.19211E-01	-.13247E-03	-.17148E-01	.00000E+00
104	.19887E-01	.15975E-03	-.19363E-01	.00000E+00
105	.20160E-01	.26962E-03	-.19511E-01	-.21107E-04
106	.19997E-01	-.17231E-03	-.18352E-01	.00000E+00
107	.20801E-01	.20345E-03	-.19814E-01	.00000E+00
108	.20716E-01	.27633E-03	-.19754E-01	-.20201E-04
109	.21112E-01	.28271E-03	-.19953E-01	-.17033E-04
110	.21020E-01	.37830E-03	-.19321E-01	.00000E+00
111	.21659E-01	.34527E-03	-.20447E-01	.00000E+00
112	.21545E-01	.29003E-03	-.20133E-01	-.15273E-04
113	.21511E-01	.23145E-03	-.19791E-01	.00000E+00
114	.21787E-01	.27809E-03	-.20260E-01	-.61469E-05
115	.21882E-01	.27481E-03	-.20368E-01	-.22039E-05
116	.21904E-01	.25775E-03	-.20420E-01	.46913E-06
117	.21798E-01	.36256E-03	-.20756E-01	.00000E+00
118	.21887E-01	.25382E-03	-.20465E-01	.23495E-05
119	.21812E-01	.24486E-03	-.20474E-01	.50392E-05
120	.21968E-01	.30393E-03	-.20818E-01	.00000E+00
121	.21642E-01	.22455E-03	-.20475E-01	.98716E-05
122	.21622E-01	.14069E-03	-.20498E-01	.12241E-04
123	.21591E-01	.60494E-04	-.20516E-01	.14089E-04
124	.21555E-01	-.31252E-04	-.20534E-01	.16198E-04
125	.21506E-01	-.13729E-03	-.20552E-01	.18688E-04
126	.21409E-01	-.34251E-03	-.20583E-01	.21573E-04
127	.21304E-01	-.56135E-03	-.20613E-01	.21972E-04
128	.21106E-01	-.10115E-02	-.20676E-01	.17748E-04
129	.20972E-01	-.13335E-02	-.20730E-01	.11297E-04
130	.20900E-01	-.15252E-02	-.20791E-01	.37670E-05
131	.20922E-01	-.14909E-02	-.20884E-01	-.43293E-05
132	.21006E-01	-.12204E-02	-.20965E-01	-.64639E-05
133	.21091E-01	-.95302E-03	-.21037E-01	-.54279E-05
134	.21128E-01	-.74029E-03	-.21095E-01	-.43342E-05
135	.21161E-01	-.56015E-03	-.21141E-01	-.39468E-05
136	.21185E-01	-.38481E-03	-.21175E-01	-.39855E-05
137	.21198E-01	-.21405E-03	-.21196E-01	-.39303E-05
138	.21208E-01	-.32407E-04	-.21208E-01	-.41246E-05
139	.21208E-01	-.40004E-05	-.21208E-01	-.40132E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	9.99E-04	1.26E-02	-2.32E-03	6.93E-01	1.65E-03	-7.00E-01	6.99E-01	-6.86E-01	45.24	9.99E-04	6.93E-01
	-303.00	-1.01E-07	4.26E-07	-2.52E-07	6.30E-05	1.50E-07	-6.36E-05	3.16E-05	-3.13E-05			
2	72.00	1.14E-02	2.05E-02	-1.36E-02	5.95E-01	-1.77E-03	-6.12E-01	6.11E-01	-5.79E-01	45.22	1.14E-02	5.95E-01
	-213.00	2.81E-07	6.94E-07	-8.56E-07	5.41E-05	-1.61E-07	-5.56E-05	2.75E-05	-2.66E-05			
3	72.00	1.11E-01	2.40E-02	-2.94E-02	4.10E-01	-4.33E-02	-4.43E-01	6.79E-01	-3.44E-01	41.97	1.11E-01	4.10E-01
	-138.00	1.97E-06	-7.68E-09	-1.22E-06	1.86E-05	-1.97E-06	-2.01E-05	1.03E-05	-8.36E-06			
4	24.00	4.72E-01	2.32E-01	2.97E-01	7.80E-01	-1.30E-01	-8.58E-01	1.14E+00	-4.37E-01	40.64	4.72E-01	7.80E-01
	-68.00	7.14E-04	-2.06E-06	4.23E-07	6.00E-05	-9.98E-06	-6.60E-05	3.29E-05	-2.78E-05			
5	72.00	-1.29E-01	-6.51E-02	-1.73E-01	3.33E-01	9.35E-03	-3.55E-01	2.38E-01	-4.32E-01	47.72	-6.51E-02	-3.33E-01
	-88.00	-9.20E-07	1.52E-06	-2.61E-06	2.56E-05	7.19E-07	-2.73E-05	1.32E-05	-1.26E-05			
6	120.00	-6.38E-02	-5.76E-02	-1.06E-01	6.66E-01	3.52E-02	-6.49E-01	6.05E-01	-7.27E-01	45.13	5.95E-01	-1.17E-01

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	-68.00	4.07E-08	2.81E-07	-1.57E-06	5.12E-05	2.70E-06	-5.00E-05	2.58E-05	-2.55E-05				
7	36.25	1.03E-01	7.88E-02	5.05E-02	3.75E-01	-5.02E-02	-3.61E-01	5.16E-01	-2.44E-01	40.67	1.80E-01	3.77E-01	
	-19.00	3.89E-06	-5.14E-07	-1.60E-06	2.85E-05	-3.86E-06	-2.70E-05	1.63E-05	-1.25E-05				
8	108.00	-1.08E-02	-4.24E-02	-6.93E-02	2.59E-01	7.53E-04	-2.20E-01	2.68E-01	-3.31E-01	43.92	-1.98E-02	2.99E-01	
	-19.00	6.82E-07	-1.86E-07	-1.22E-06	2.30E-05	5.79E-08	-2.46E-05	1.18E-05	-1.13E-05				
9	216.00	2.26E-02	2.58E-02	8.28E-03	6.95E-01	-6.14E-03	-7.16E-01	7.20E-01	-6.71E-01	45.07	2.26E-02	6.95E-01	
	-303.00	2.92E-07	4.37E-07	-3.60E-07	6.32E-05	-5.58E-07	-6.51E-05	3.20E-05	-3.12E-05				
10	216.00	4.37E-02	2.73E-02	-6.72E-03	6.12E-01	-2.02E-02	-6.39E-01	6.48E-01	-5.77E-01	44.62	4.37E-02	6.12E-01	
	-213.00	1.15E-06	4.06E-07	-1.14E-06	5.57E-05	-1.84E-06	-5.81E-05	2.86E-05	-2.71E-05				
11	216.00	1.03E-01	2.30E-02	-5.86E-02	4.85E-01	-6.38E-02	-5.17E-01	5.49E-01	-4.23E-01	42.65	1.03E-01	4.85E-01	
	-138.00	1.98E-06	1.72E-07	-1.68E-06	2.20E-05	-2.50E-06	-2.35E-05	1.21E-05	-9.97E-06				
12	168.00	2.02E-01	1.37E-01	9.50E-02	7.46E-01	-1.12E-01	-7.80E-01	9.16E-01	-5.77E-01	43.75	2.02E-01	7.46E-01	
	-68.00	3.01E-06	5.01E-07	-1.12E-06	5.74E-05	-8.60E-06	-6.00E-05	3.05E-05	-2.70E-05				
13	216.00	-1.80E-01	-6.37E-02	-1.97E-01	2.94E-01	-1.16E-02	-3.07E-01	1.78E-01	-4.21E-01	50.58	-6.37E-02	-2.94E-01	
	-88.00	-2.07E-06	2.39E-06	-2.74E-06	2.26E-05	-8.92E-07	-2.36E-05	1.17E-05	-1.14E-05				
14	264.00	1.38E-02	-4.82E-02	-9.54E-02	6.46E-01	9.55E-03	-6.55E-01	6.29E-01	-6.64E-01	43.63	6.12E-01	-1.47E-01	
	-68.00	1.96E-06	-4.27E-07	-2.24E-06	4.97E-05	7.35E-07	-5.04E-05	2.56E-05	-2.41E-05				
15	180.00	8.62E-02	1.75E-02	-2.67E-02	3.24E-01	-7.58E-02	-3.20E-01	3.77E-01	-2.73E-01	41.97	8.62E-02	3.24E-01	
	-19.00	2.47E-06	-1.73E-07	-1.87E-06	2.49E-05	-5.83E-06	-2.46E-05	1.37E-05	-1.14E-05				
16	252.00	3.62E-02	-3.38E-02	-8.74E-02	2.83E-01	-2.98E-02	-3.35E-01	2.86E-01	-2.84E-01	41.47	3.62E-02	2.83E-01	
	-19.00	2.33E-06	-3.67E-07	-2.43E-06	2.18E-05	-2.29E-06	-2.57E-05	1.19E-05	-9.98E-06				
17	361.00	2.37E-02	2.96E-02	7.00E-03	7.07E-01	-4.95E-03	-7.48E-01	7.34E-01	-6.80E-01	45.12	2.37E-02	7.07E-01	
	-303.00	2.95E-07	5.63E-07	-4.66E-07	6.43E-05	-4.50E-07	-6.80E-05	3.26E-05	-3.17E-05				
18	361.00	5.27E-02	2.55E-02	-1.11E-02	6.43E-01	-1.96E-02	-6.82E-01	6.82E-01	-6.04E-01	44.39	5.27E-02	6.43E-01	
	-213.00	1.53E-06	2.88E-07	-1.38E-06	5.84E-05	-1.78E-06	-6.20E-05	3.01E-05	-2.83E-05				
19	361.00	1.17E-01	1.72E-02	-8.04E-02	5.02E-01	-6.95E-02	-5.80E-01	5.72E-01	-4.37E-01	42.16	1.17E-01	5.02E-01	
	-138.00	2.38E-06	1.09E-07	-2.11E-06	2.28E-05	-3.16E-06	-2.63E-05	1.27E-05	-1.02E-05				
20	312.00	3.52E-01	2.01E-01	1.52E-01	8.27E-01	-1.94E-01	-9.40E-01	1.11E+00	-5.54E-01	42.39	3.52E-01	8.27E-01	
	-68.00	5.79E-06	-1.81E-08	-1.90E-06	6.36E-05	-1.49E-05	-7.23E-05	3.48E-05	-2.91E-05				
21	360.67	-2.92E-01	-1.36E-01	-2.86E-01	3.71E-01	5.03E-03	-4.47E-01	1.65E-01	-5.93E-01	50.92	-1.36E-01	-3.71E-01	
	-88.00	-3.38E-06	2.61E-06	-3.16E-06	2.86E-05	3.87E-07	-3.44E-05	1.42E-05	-1.50E-05				
22	409.33	1.53E-01	2.12E-01	4.44E-02	7.93E-01	-7.41E-03	-9.97E-01	9.76E-01	-6.12E-01	46.06	9.65E-01	-1.35E-01	
	-68.00	1.39E-06	3.64E-06	-2.79E-06	6.10E-05	-5.70E-07	-7.67E-05	3.31E-05	-2.80E-05				
23	324.00	1.61E-01	2.87E-02	-3.92E-02	3.22E-01	-1.36E-01	-3.34E-01	4.23E-01	-2.34E-01	39.20	1.61E-01	3.22E-01	
	-19.00	4.54E-06	-5.49E-07	-3.16E-06	2.48E-05	-1.04E-05	-2.57E-05	1.46E-05	-1.06E-05				
24	372.00	8.99E-02	-6.65E-02	-1.22E-01	8.90E-01	-1.27E-01	-9.51E-01	9.05E-01	-8.81E-01	42.49	8.99E-02	8.90E-01	
	-9.33	4.54E-06	-1.48E-06	-3.60E-06	6.84E-05	-9.79E-06	-7.31E-05	3.59E-05	-3.28E-05				
25	401.25	3.36E-02	-1.18E-02	-1.34E-01	2.88E-01	-4.53E-02	-3.83E-01	3.03E-01	-2.76E-01	42.49	-2.33E-01	1.50E-01	
	-19.00	2.67E-06	7.20E-07	-3.97E-06	2.21E-05	-3.48E-06	-2.94E-05	1.28E-05	-9.42E-06				
26	427.67	3.45E-01	2.59E-01	1.15E-01	9.80E-01	-1.71E-01	-1.33E+00	1.28E+00	-6.78E-01	43.75	9.16E-01	7.64E-01	
	-9.33	5.36E-06	2.07E-06	-3.47E-06	7.53E-05	-1.31E-05	-1.02E-04	4.14E-05	-3.40E-05				
27	457.00	2.40E-02	4.86E-02	1.39E-02	7.19E-01	8.37E-04	-7.67E-01	7.55E-01	-6.83E-01	45.49	2.40E-02	7.19E-01	
	-303.00	-3.30E-08	1.08E-06	-4.90E-07	6.54E-05	7.61E-08	-6.97E-05	3.32E-05	-3.22E-05				
28	457.00	4.70E-02	1.43E-02	-1.86E-02	6.77E-01	-1.36E-02	-7.16E-01	7.08E-01	-6.47E-01	44.31	4.70E-02	6.77E-01	
	-213.00	1.58E-06	9.74E-08	-1.40E-06	6.16E-05	-1.24E-06	-6.51E-05	3.16E-05	-3.00E-05				
29	457.00	2.08E-01	5.30E-02	-3.90E-02	5.14E-01	4.65E-04	-5.81E-01	6.51E-01	-3.89E-01	40.71	2.08E-01	5.14E-01	
	-138.00	3.57E-06	3.82E-08	-2.05E-06	2.34E-05	2.12E-08	-2.64E-05	1.36E-05	-1.00E-05				
30	442.00	1.11E-01	2.64E-01	5.61E-02	9.06E-01	1.91E-02	-1.06E+00	1.10E+00	-7.22E-01	47.43	1.11E-01	9.06E-01	
	-68.00	-4.83E-07	5.43E-06	-2.58E-06	6.97E-05	1.47E-06	-8.13E-05	3.74E-05	-3.25E-05				
31	457.33	-1.09E+00	-5.71E-01	-7.40E-01	3.24E-01	5.05E-01	-5.50E-01	-4.16E-01	-1.25E+00	64.41	-5.71E-01	-3.24E-01	
	-88.00	-1.56E-05	4.45E-06	-2.06E-06	2.49E-05	3.89E-05	-4.23E-05	1.04E-05	-2.16E-05				
32	472.67	1.67E+00	1.22E+00	1.09E+00	7.98E-01	-3.26E-01	-1.34E+00	2.28E+00	6.20E-01	37.12	2.14E+00	4.63E-01	
	-68.00	2.06E-05	3.29E-06	-2.00E-06	6.14E-05	-2.51E-05	-1.03E-04	4.38E-05	-2.00E-05				
33	442.00	1.53E-01	8.24E-02	-5.54E-02	4.52E-01	-6.44E-02	-5.09E-01	5.71E-01	-3.36E-01	42.77	1.53E-01	4.52E-01	
	-19.50	3.90E-06	1.19E-06	-4.11E-06	3.48E-05	-4.95E-06	-3.92E-05	2.00E-05	-1.49E-05				
34	454.00	1.33E+00	9.10E-01	7.75E-01	1.20E+00	-3.74E-01	-1.67E+00	2.34E+00	-1.01E-01	40.04	1.81E+00	1.01E+00	
	-11.33	1.81E-05	1.86E-06	-3.36E-06	9.26E-05	-2.68E-05	-1.28E-04	5.70E-05	-3.70E-05				
35	461.67	1.76E-01	1.73E-01	1.58E-02	1.15E+00	-9.49E-02	-1.73E+00	1.32E+00	-9.72E-01	44.96	1.76E-01	1.15E+00	
	-12.00	2.73E-06	2.60E-06	-3.30E-06	8.82E-05	-7.30E-06	-1.33E-04	4.68E-05	-4.14E-05				
36	469.00	-8.34E-01	-3.71E-01	-6.12E-01	1.07E-01	4.45E-01	-6.77E-01	-3.48E-01	-8.56E-01	77.65	-3.71E-01	-1.07E-01	
	-30.00	-1.21E-05	5.69E-06	-3.55E-06	8.19E-06	3.42E-05	-5.21E-05	6.59E-06	-1.30E-05				
37	476.33	[illegible]80E-01	6.27E-01	3.16E-01	7.70E-01	-1.02E-01	-1.[illegible]1E+00	1.33E+00	-2.20E-01	47.73	7.87E-01	7.37E-01	
	-12.00	[illegible]3E-06	8.48E-06	-3.50E-06	5.92E-05	-7.87E-06	-1[illegible]04	3.54E-05	-2.41E-05				
38	558	[illegible]0E-02	-6.26E-02	-6.43E-02	6.87E-01	1.75E-02	[illegible]01	6.20E-01	-7.54E-01	45.20	-7.20E-02	6.8[illegible]	

	-303.00	[illegible]9E-07	-2.62E-07	-3.41E-07	6.24E-05	1.59E-06	[illegible]05	3.07E-05	-3.17E-05				
39	558.50	[illegible].31E-03	3.24E-02	-1.44E-02	6.86E-01	3.32E-02	-7[illegible]-01	7.03E-01	-6.69E-01	45.63	2.31E-03	6.86E-[illegible]	
	-213.00	-1.59E-07	1.21E-06	-9.17E-07	6.24E-05	3.02E-06	-6.65E-05	3.17E-05	-3.07E-05				
40	506.17	2.90E-02	8.13E-02	-6.42E-02	1.55E+00	6.03E-02	-1.59E+00	1.60E+00	-1.49E+00	45.49	2.90E-02	1.55E+00	
	-128.00	4.14E-07	1.61E-06	-1.70E-06	7.04E-05	2.74E-06	-7.18E-05	3.62E-05	-3.42E-05				
41	558.50	-3.49E-01	6.99E-02	-1.27E-01	6.44E-01	3.23E-01	-9.08E-01	5.32E-01	-8.17E-01	54.00	6.98E-02	-6.44E-01	
	-148.00	-5.80E-06	3.72E-06	-7.64E-07	2.93E-05	1.47E-05	-4.13E-05	1.44E-05	-1.64E-05				
42	610.93	6.71E-02	1.10E-01	1.60E-02	1.35E+00	2.35E-01	-1.24E+00	1.44E+00	-1.25E+00	45.56	1.40E+00	-3.28E-01	
	-128.00	4.63E-07	1.65E-06	-6.98E-07	6.12E-05	1.07E-05	-5.63E-05	3.17E-05	-2.95E-05				
43	501.38	-9.76E-02	-7.87E-02	-1.61E-01	3.47E-01	1.11E-01	-4.40E-01	2.59E-01	-4.35E-01	45.78	-9.76E-02	3.47E-01	
	-78.00	-4.88E-08	6.81E-07	-2.48E-06	2.67E-05	8.57E-06	-3.38E-05	1.37E-05	-1.30E-05				
44	534.67	1.72E-01	6.81E-02	3.97E-02	1.09E+00	6.08E-02	-1.34E+00	1.21E+00	-9.68E-01	43.63	1.18E+00	-2.40E-01	
	-68.00	3.55E-06	-4.59E-07	-1.55E-06	8.36E-05	4.67E-06	-1.03E-04	4.34E-05	-4.03E-05				
45	584.67	-2.24E-01	-1.81E-01	-2.13E-01	1.10E+00	2.41E-01	-1.00E+00	8.95E-01	-1.30E+00	45.57	-2.24E-01	1.10E+00	
	-68.00	-1.92E-06	-1.55E-07	-1.42E-06	8.44E-05	1.85E-05	-7.71E-05	4.12E-05	-4.32E-05				
46	610.83	-1.07E+00	-3.70E-01	-5.77E-01	5.87E-01	4.95E-01	-7.87E-01	-3.69E-02	-1.40E+00	60.39	-3.70E-01	-5.87E-01	
	-88.00	-1.90E-05	7.52E-06	-1.82E-08	4.52E-05	3.81E-05	-6.05E-05	2.07E-05	-3.18E-05				
47	482.63	-9.11E-02	-6.24E-02	-2.15E-01	2.51E-01	1.30E-01	-5.02E-01	1.75E-01	-3.28E-01	46.63	-9.11E-02	2.51E-01	
	-21.00	5.47E-07	1.65E-06	-4.22E-06	1.93E-05	1.00E-05	-3.86E-05	1.08E-05	-8.57E-06				
48	485.83	4.85E-02	6.71E-02	-6.96E-02	7.45E-01	1.70E-02	-1.57E+00	8.03E-01	-6.87E-01	45.36	1.45E-01	7.40E-01	
	-12.00	1.36E-06	2.08E-06	-3.18E-06	5.73E-05	1.31E-06	-1.21E-04	3.04E-05	-2.69E-05				
49	507.88	-2.23E-02	-1.14E-01	-1.90E-01	2.77E-01	6.75E-02	-5.46E-01	2.13E-01	-3.46E-01	40.32	-2.23E-02	2.77E-01	
	-21.00	2.73E-06	-7.81E-07	-3.74E-06	2.13E-05	5.19E-06	-4.20E-05	1.18E-05	-9.82E-06				
50	538.67	1.72E-01	-3.45E-02	-1.71E-02	9.80E-01	3.38E-01	-1.19E+00	1.05E+00	-9.17E-01	41.99	1.03E+00	-1.98E-01	
	-10.00	5.30E-06	-2.65E-06	-1.98E-06	7.54E-05	2.60E-05	-9.18E-05	3.92E-05	-3.66E-05				
51	584.67	-3.45E+00	-2.41E+00	-2.53E+00	-7.40E-02	2.70E-01	-1.66E-01	-2.40E+00	-3.45E+00	-85.96	-2.41E+00	7.40E-02	
	8.00	-4.05E-05	-4.22E-07	-5.13E-06	-5.69E-06	2.07E-05	-1.28E-05	-2.21E-07	-4.07E-05				
52	507.00	9.07E-01	1.08E+00	6.46E-01	6.06E-01	1.53E-01	4.07E-01	1.60E+00	3.80E-01	48.98	1.48E+00	3.72E-01	
	9.00	5.99E-06	1.25E-05	-4.06E-06	4.66E-05	1.18E-05	3.13E-05	9.28E-05	-1.43E-05				
53	603.00	3.11E-02	-4.76E-02	-2.34E-02	4.30E-01	1.52E-01	-3.92E-01	4.23E-01	-4.40E-01	42.39	-2.46E-01	3.60E-01	
	-18.00	1.63E-06	-1.39E-06	-4.60E-07	3.31E-05	1.17E-05	-3.02E-05	1.67E-05	-1.65E-05				
54	712.00	-8.53E-02	3.79E-03	-3.23E-02	6.64E-01	4.87E-02	-6.40E-01	6.25E-01	-7.07E-01	46.92	-8.53E-02	6.64E-01	
	-303.00	-2.40E-06	1.65E-06	9.50E-09	6.04E-05	4.43E-06	-5.82E-05	2.99E-05	-3.06E-05				
55	712.00	-3.71E-01	-2.50E-01	-2.35E-01	7.35E-01	1.56E-01	-6.36E-01	4.27E-01	-1.05E+00	47.35	-3.71E-01	7.35E-01	
	-213.00	-5.74E-06	-2.43E-07	4.27E-07	6.68E-05	1.42E-05	-5.78E-05	3.05E-05	-3.65E-05				
56	712.00	-4.14E-01	-2.79E-01	-1.53E-01	5.73E-01	3.52E-01	-5.01E-01	2.30E-01	-9.23E-01	48.37	-4.14E-01	5.73E-01	
	-138.00	-4.98E-06	-1.90E-06	9.58E-07	2.60E-05	1.60E-05	-2.28E-05	9.67E-06	-1.65E-05				
57	712.00	-1.12E-01	-3.55E-02	-1.95E-02	3.51E-01	1.41E-01	-3.64E-01	2.80E-01	-4.27E-01	48.11	-1.12E-01	3.51E-01	
	-78.00	-2.47E-06	4.70E-07	1.08E-06	2.70E-05	1.09E-05	-2.80E-05	1.26E-05	-1.46E-05				
58	712.00	-1.56E-01	-1.59E-01	-8.27E-02	4.77E-01	1.24E-01	-4.67E-01	3.19E-01	-6.34E-01	44.93	-1.56E-01	4.77E-01	
	-18.00	-1.64E-06	-1.73E-06	1.19E-06	3.67E-05	9.51E-06	-3.59E-05	1.66E-05	-2.00E-05				
59	837.00	-1.92E+00	-1.08E+00	-1.20E+00	5.62E-01	3.34E-01	-5.57E-01	-8.01E-01	-2.20E+00	63.26	-1.08E+00	-5.62E-01	
	-318.00	-3.25E-05	5.27E-06	.00E+00	5.11E-05	3.04E-05	-5.07E-05	1.81E-05	-4.54E-05				
60	887.00	-3.01E-01	-9.21E-02	-1.57E-01	1.51E+00	1.16E-01	-1.28E+00	1.31E+00	-1.71E+00	46.98	1.18E+00	-6.17E-01	
	-288.00	-6.53E-06	2.96E-06	.00E+00	1.37E-04	1.06E-05	-1.17E-04	6.69E-05	-7.05E-05				
61	987.00	3.12E-01	1.68E-01	1.92E-01	1.55E+00	-8.52E-02	-1.23E+00	1.79E+00	-1.31E+00	43.67	3.12E-01	1.55E+00	
	-288.00	5.46E-06	-1.09E-06	.00E+00	1.41E-04	-7.74E-06	-1.12E-04	7.25E-05	-6.82E-05				
62	1037.00	-1.07E+00	-1.22E+00	-1.28E+00	1.15E+00	3.03E-01	-1.01E+00	-3.91E-01	-2.80E+00	54.02	-1.22E+00	-1.15E+00	
	-318.00	-3.15E-05	2.44E-06	.00E+00	1.04E-04	2.76E-05	-9.19E-05	4.02E-05	-6.93E-05				
63	862.00	-5.75E-02	-6.94E-02	-1.03E-02	7.61E-01	1.87E-02	-6.70E-01	6.97E-01	-8.24E-01	44.78	-5.75E-02	7.61E-01	
	-213.00	-8.33E-07	-1.37E-06	1.31E-06	6.92E-05	1.70E-06	-6.09E-05	3.35E-05	-3.57E-05				
64	1012.00	8.97E-02	2.15E-02	8.30E-02	8.29E-01	-3.51E-02	-7.00E-01	8.85E-01	-7.74E-01	43.82	8.97E-02	8.29E-01	
	-213.00	1.55E-06	-1.54E-06	1.25E-06	7.54E-05	-3.19E-06	-6.36E-05	3.77E-05	-3.77E-05				
65	837.00	1.57E-01	-1.08E-01	1.28E-01	5.65E-01	-7.10E-02	-6.80E-01	6.05E-01	-5.55E-01	38.38	-1.08E-01	-5.65E-01	
	-148.00	2.65E-06	-3.39E-06	1.99E-06	2.57E-05	-3.23E-06	-3.09E-05	1.28E-05	-1.36E-05				
66	937.00	-5.31E-02	-8.55E-02	5.98E-02	1.03E+00	1.91E-02	-8.57E-01	9.57E-01	-1.10E+00	44.49	6.24E-01	-7.57E-01	
	-128.00	-7.67E-07	-1.59E-06	1.78E-06	4.67E-05	8.69E-07	-3.90E-05	2.22E-05	-2.45E-05				
67	1037.00	-8.73E-01	-2.69E-01	-2.38E-01	9.68E-01	2.71E-01	-9.15E-01	4.43E-01	-1.58E+00	53.66	-2.69E-01	-9.68E-01	
	-148.00	-1.26E-05	1.12E-06	1.82E-06	4.40E-05	1.23E-05	-4.16E-05	1.73E-05	-2.88E-05				
68	937.00	-2.60E-01	-3.31E-01	-1.69E-01	1.12E+00	8.27E-02	-9.91E-01	8.24E-01	-1.41E+00	44.09	-2.60E-01	1.12E+00	
	-68.00	-1.64E-06	-4.38E-06	1.85E-06	8.61E-05	6.36E-06	-7.62E-05	4.00E-05	-4.61E-05				
69	937.00	-2.81E-01	6.19E-03	-2.79E-02	5.55E-01	1.04E-01	-4.83E-01	4.36E-01	-7.11E-01	52.25	6.19E-03	-5.55E-01	
	-98.00	-7.49E-06	3.57E-06	2.26E-06	4.27E-05	8.02E-06	-3.72E-05	2.01E-05	-2.40E-05				
70	1037.00	-1.72E-01	-1.24E-01	-4.32E-02	9.52E-01	-1.10E-02	-8.92E-01	8.05E-01	-1.10E+00	45.72	5.27E-01	-6.73E-01	

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	-68.00	-2.87E-06	-1.03E-06	2.04E-06	7.32E-05	-8.44E-07	-6.86E-05	3.47E-05	-3.86E-05					
71	862.00	-1.96E-01	-1.76E-01	-5.58E-02	4.64E-01	8.41E-02	-4.32E-01	2.77E-01	-6.50E-01	45.54	-1.96E-01	4.64E-01		
	-18.00	-2.69E-06	-2.02E-06	2.30E-06	3.57E-05	6.47E-06	-3.32E-05	1.55E-05	-2.02E-05					
72	1012.00	4.57E-02	4.03E-02	1.23E-01	4.96E-01	-1.94E-02	-4.22E-01	5.39E-01	-4.53E-01	44.84	4.57E-02	4.96E-01		
	-18.00	-5.40E-07	-7.47E-07	2.44E-06	3.82E-05	-1.49E-06	-3.24E-05	1.84E-05	-1.97E-05					
73	1387.00	9.77E-02	9.23E-02	8.62E-02	6.39E-01	-6.93E-03	-5.28E-01	7.33E-01	-5.43E-01	44.88	9.77E-02	6.38E-01		
	-303.00	8.53E-07	6.10E-07	3.30E-07	5.80E-05	-6.30E-07	-4.80E-05	2.97E-05	-2.83E-05					
74	1387.00	6.82E-03	-4.10E-02	2.07E-02	6.65E-01	-6.23E-03	-5.09E-01	6.48E-01	-6.82E-01	43.97	6.82E-03	6.65E-01		
	-213.00	4.85E-07	-1.69E-06	1.12E-06	6.05E-05	-5.67E-07	-4.63E-05	2.96E-05	-3.08E-05					
75	1387.00	8.00E-03	2.26E-02	1.06E-01	4.87E-01	-1.42E-04	-3.54E-01	5.02E-01	-4.71E-01	45.43	8.00E-03	4.87E-01		
	-138.00	-5.39E-07	-2.02E-07	1.69E-06	2.21E-05	-6.46E-09	-1.61E-05	1.07E-05	-1.14E-05					
76	1187.00	-9.04E-02	-7.32E-02	-6.29E-04	7.82E-01	4.07E-02	-5.35E-01	7.00E-01	-8.64E-01	45.31	-9.04E-02	7.82E-01		
	-68.00	-1.67E-06	-1.01E-06	1.78E-06	6.02E-05	3.13E-06	-4.11E-05	2.87E-05	-3.14E-05					
77	1387.00	-1.77E-01	-1.62E-01	-5.91E-02	3.53E-01	3.45E-02	-2.76E-01	1.84E-01	-5.23E-01	45.58	-1.62E-01	-3.53E-01		
	-88.00	-2.42E-06	-1.87E-06	2.10E-06	2.72E-05	2.66E-06	-2.12E-05	1.14E-05	-1.57E-05					
78	1587.00	-9.63E-02	-8.63E-02	-6.13E-03	4.76E-01	3.71E-03	-2.75E-01	3.84E-01	-5.67E-01	45.30	9.62E-02	-4.37E-01		
	-68.00	-1.63E-06	-1.25E-06	1.84E-06	3.66E-05	2.85E-07	-2.12E-05	1.69E-05	-1.97E-05					
79	1237.00	-2.45E-01	-1.18E-01	-6.04E-02	3.90E-01	6.45E-02	-2.76E-01	2.14E-01	-5.77E-01	49.60	-2.45E-01	3.90E-01		
	-18.00	-4.76E-06	1.07E-07	2.33E-06	3.00E-05	4.97E-06	-2.12E-05	1.29E-05	-1.75E-05					
80	1433.80	-1.51E-01	-4.15E-02	2.10E-03	4.51E-01	3.99E-02	-2.09E-01	3.58E-01	-5.51E-01	48.47	-1.51E-01	4.51E-01		
	-8.00	-3.72E-06	4.59E-07	2.18E-06	3.47E-05	3.07E-06	-1.61E-05	1.59E-05	-1.91E-05					
81	1533.80	-2.55E-01	-5.23E-02	-4.54E-02	2.52E-01	4.78E-02	-1.40E-01	1.16E-01	-4.26E-01	55.95	-5.23E-02	-2.52E-01		
	-28.00	-5.94E-06	1.87E-06	2.13E-06	1.94E-05	3.68E-06	-1.08E-05	8.42E-06	-1.25E-05					
82	1633.80	-2.93E-01	-1.09E-01	-8.78E-02	1.09E-01	2.15E-02	-5.19E-02	-5.84E-02	-3.43E-01	65.29	-5.99E-02	-2.04E-02		
	-8.00	-5.91E-06	1.22E-06	2.00E-06	8.32E-06	1.65E-06	-3.99E-06	3.13E-06	-7.82E-06					
83	1433.80	-1.01E+00	-4.47E-01	-4.93E-01	2.86E-01	2.19E-01	-1.41E-01	-3.28E-01	-1.13E+00	67.35	-4.47E-01	-2.86E-01		
	27.60	-1.75E-05	4.27E-06	2.51E-06	2.20E-05	1.68E-05	-1.09E-05	8.86E-06	-2.21E-05					
84	1206.10	-3.63E-01	-5.98E-02	-7.01E-02	2.96E-01	8.96E-02	-1.37E-01	1.21E-01	-5.44E-01	58.55	-2.40E-01	-3.31E-01		
	40.70	-8.94E-06	3.12E-06	2.72E-06	2.28E-05	6.89E-06	-1.05E-05	1.01E-05	-1.55E-05					
85	1148.60	-1.58E-01	8.53E-02	6.10E-02	4.25E-01	1.14E-01	-2.22E-01	4.06E-01	-4.75E-01	52.99	3.40E-01	2.32E-01		
	97.33	-5.95E-06	3.41E-06	2.48E-06	3.27E-05	8.74E-06	-1.71E-05	1.57E-05	-1.83E-05					
86	1131.40	-1.29E+00	-6.31E-01	-6.35E-01	1.72E-01	4.04E-01	-3.93E-02	-5.88E-01	-1.33E+00	76.18	-6.31E-01	-1.72E-01		
	112.00	-2.14E-05	3.80E-06	3.61E-06	1.32E-05	3.10E-05	-3.03E-06	5.43E-06	-2.31E-05					
87	1010.80	-3.74E-01	-2.65E-01	-1.54E-01	4.27E-01	1.26E-01	-5.29E-01	1.11E-01	-7.50E-01	48.63	-2.65E-01	-4.27E-01		
	34.67	-5.66E-06	-1.49E-06	2.79E-06	3.28E-05	9.70E-06	-4.07E-05	1.30E-05	-2.01E-05					
88	886.60	-1.94E-01	-1.28E-01	-4.14E-02	3.69E-01	6.73E-02	-3.79E-01	2.09E-01	-5.31E-01	47.55	-1.94E-01	3.69E-01		
	46.00	-3.46E-06	-9.29E-07	2.40E-06	2.84E-05	5.18E-06	-2.92E-05	1.20E-05	-1.64E-05					
89	869.80	-7.53E-01	-3.38E-01	-3.29E-01	2.29E-01	2.39E-01	-1.77E-01	-2.36E-01	-8.55E-01	66.08	-3.38E-01	-2.29E-01		
	96.00	-1.34E-05	2.62E-06	2.95E-06	1.77E-05	1.84E-05	-1.36E-05	6.53E-06	-1.73E-05					
90	952.60	-1.72E-01	3.42E-01	1.66E-01	4.97E-01	1.39E-01	-3.73E-01	6.45E-01	-4.75E-01	58.68	5.09E-01	-3.65E-01		
	128.00	-1.03E-05	9.47E-06	2.70E-06	3.82E-05	1.07E-05	-2.87E-05	2.11E-05	-2.19E-05					
91	869.80	-2.21E-01	-1.05E-02	-6.20E-03	2.54E-01	1.33E-01	-1.28E-01	1.60E-01	-3.91E-01	56.23	-2.21E-01	2.54E-01		
	160.00	-5.89E-06	2.21E-06	2.37E-06	1.96E-05	1.02E-05	-9.87E-06	8.75E-06	-1.24E-05					
92	869.80	-1.15E+00	-4.15E-01	-4.89E-01	1.67E-01	4.93E-01	-1.53E-01	-2.79E-01	-1.19E+00	77.83	-4.15E-01	-1.67E-01		
	203.60	-2.18E-05	6.65E-06	3.81E-06	1.29E-05	3.79E-05	-1.18E-05	8.04E-06	-2.32E-05					
93	598.67	1.34E-01	-8.27E-02	3.26E-02	7.42E-01	3.33E-01	-7.99E-01	7.75E-01	-7.24E-01	40.86	-8.27E-02	-7.42E-01		
	16.00	4.22E-06	-4.10E-06	3.38E-07	5.71E-05	2.56E-05	-6.15E-05	2.89E-05	-2.88E-05					
94	645.75	-1.02E-01	-1.21E-01	-7.00E-02	4.79E-01	1.36E-01	-4.05E-01	2.68E-01	-5.90E-01	44.44	-1.02E-01	4.79E-01		
	24.00	-7.10E-07	-1.42E-06	5.25E-07	3.68E-05	1.05E-05	-3.12E-05	1.74E-05	-1.95E-05					
95	613.10	-5.94E-02	-1.60E-01	-9.38E-02	8.50E-01	1.14E-01	-2.12E-01	7.42E-01	-9.61E-01	43.31	-5.94E-02	8.50E-01		
	69.33	1.15E-06	-2.70E-06	-1.71E-07	6.54E-05	8.76E-06	-1.63E-05	3.20E-05	-3.35E-05					
96	708.45	-1.97E-01	-8.30E-02	-5.51E-02	3.82E-01	1.39E-01	-3.28E-01	2.46E-01	-5.27E-01	49.26	-3.14E-01	-3.45E-01		
	55.00	-3.91E-06	4.97E-07	1.57E-06	2.94E-05	1.07E-05	-2.53E-05	1.32E-05	-1.66E-05					
97	613.10	-4.91E-01	-2.20E-01	-2.21E-01	2.95E-01	4.02E-01	-1.89E-01	-3.03E-02	-6.82E-01	57.29	-2.20E-01	-2.96E-01		
	96.00	-8.65E-06	1.77E-06	1.76E-06	2.28E-05	3.09E-05	-1.45E-05	9.08E-06	-1.60E-05					
98	692.27	-2.06E-01	-1.07E-01	-6.74E-02	5.67E-01	1.18E-01	-3.78E-01	4.13E-01	-7.25E-01	47.49	3.15E-01	-3.19E-01		
	112.00	-3.74E-06	6.54E-08	1.59E-06	4.36E-05	9.09E-06	-2.91E-05	2.01E-05	-2.37E-05					
99	781.43	-8.06E-01	-2.29E-02	-2.43E-01	5.63E-01	3.72E-01	-7.16E-01	2.71E-01	-1.10E+00	62.41	-2.29E-02	-5.63E-01		
	96.00	-1.92E-05	1.09E-05	2.44E-06	4.33E-05	2.86E-05	-5.51E-05	2.22E-05	-3.05E-05					
100	683.25	-1.94E-01	-9.36E-02	-4.41E-02	1.96E-01	8.99E-02	-2.24E-01	5.84E-02	-3.46E-01	52.17	-1.94E-01	1.96E-01		
	152.00	-3.81E-06	4.02E-08	1.95E-06	1.51E-05	6.92E-06	-1.73E-05	5.89E-06	-9.65E-06					
101	648.67	[illegible]43E-01	-4.55E-01	-4.67E-01	1.53E-01	2.82E-01	-1[illegible]E-01	-4.12E-01	-9.86E-01	73.96	-4.55E-01	-1.53E-01		
	192.00	[illegible]8E-05	2.98E-06	2.54E-06	1.17E-05	2.17E-05	-[illegible]05	4.66E-06	-1.74E-05					
102	725	[illegible]74E-01	5.36E-02	3.04E-02	1.85E-01	6.94E-02	[illegible]-01	1.57E-01	-2.78E-01	60.79	-6.16E-02	-2.[illegible]		

	232.00	[illegible]2E-06	3.06E-06	2.16E-06	1.43E-05	5.34E-06	[illegible]05	7.04E-06	-9.70E-06				
103	635.50	[illegible]23E-01	-1.23E-01	-2.92E-02	2.53E-02	4.99E-02	3[illegible]-03	-9.79E-02	-1.49E-01	44.92	-1.23E-01	2.53E-0[illegible]	
	256.00	-1.71E-06	-1.71E-06	1.91E-06	1.95E-06	3.84E-05	2.44E-07	-7.36E-07	-2.69E-06				
104	635.50	-3.92E-01	-2.60E-01	-1.62E-01	1.35E-02	1.94E-01	-1.90E-02	-2.59E-01	-3.94E-01	64.23	-2.60E-01	-1.35E-02	
	280.67	-6.13E-06	-1.05E-06	2.71E-06	1.04E-06	1.49E-05	-1.44E-06	-9.94E-07	-6.19E-06				
105	569.00	1.12E-01	-1.02E-01	-3.39E-02	7.57E-01	2.09E-01	-6.89E-01	7.70E-01	-7.60E-01	40.98	1.12E-01	7.57E-01	
	16.50	4.57E-05	-3.65E-06	-1.04E-06	5.82E-05	1.60E-05	-5.30E-05	2.99E-05	-2.90E-05				
106	509.50	1.72E+00	1.11E+00	1.07E+00	5.93E-01	5.10E-01	-2.13E-01	2.07E+00	7.59E-01	31.38	1.11E+00	-5.83E-01	
	13.00	2.31E-05	-1.11E-09	-1.68E-06	4.49E-05	3.93E-05	-1.64E-05	3.68E-05	-1.37E-05				
107	521.00	4.29E-01	1.61E-01	1.30E-01	7.57E-01	1.81E-01	-3.95E-01	1.06E+00	-4.74E-01	39.96	4.29E-01	7.57E-01	
	15.75	8.63E-06	-1.73E-06	-2.92E-06	5.82E-05	1.39E-05	-3.04E-05	3.30E-05	-2.61E-05				
108	526.25	3.64E-01	1.25E-01	1.08E-01	8.35E-01	1.50E-01	-4.07E-01	1.09E+00	-5.99E-01	40.93	3.64E-01	8.35E-01	
	21.00	7.45E-06	-1.75E-06	-2.42E-06	6.42E-05	1.15E-05	-3.13E-05	3.53E-05	-2.96E-05				
109	515.50	1.09E+00	6.92E-01	6.82E-01	1.04E+00	3.37E-01	-2.16E-01	1.95E+00	-1.75E-01	39.74	6.92E-01	-1.04E+00	
	26.00	1.46E-05	-3.42E-07	-7.32E-07	8.02E-05	2.59E-05	-1.66E-05	4.79E-05	-3.37E-05				
110	531.50	1.33E-01	4.55E-02	2.15E-02	6.75E-01	1.00E-01	-3.42E-01	7.65E-01	-5.87E-01	43.16	1.33E-01	6.75E-01	
	34.50	2.90E-06	-4.43E-07	-1.36E-06	5.19E-05	7.70E-06	-2.63E-05	2.72E-05	-2.48E-05				
111	515.50	-4.33E-01	-7.17E-01	-5.33E-01	2.02E+00	7.35E-02	-1.48E-01	1.45E+00	-2.60E+00	42.99	-4.33E-01	2.02E+00	
	44.00	1.85E-06	-9.08E-06	-2.02E-06	1.56E-04	5.65E-06	-1.14E-05	7.44E-05	-8.16E-05				
112	515.50	-9.87E-02	-6.95E-02	-7.47E-02	4.63E-01	1.73E-01	-1.73E-01	3.79E-01	-5.47E-01	45.90	-6.95E-02	-4.63E-01	
	53.33	-1.13E-06	-4.25E-09	-2.03E-07	3.56E-05	1.33E-05	-1.33E-05	1.73E-05	-1.84E-05				
113	547.50	-3.69E-01	-7.70E-02	-1.85E-01	7.00E-01	1.16E-01	-6.04E-01	4.92E-01	-9.38E-01	50.89	1.42E-01	-6.14E-01	
	64.00	-7.25E-06	3.97E-06	-1.91E-07	5.38E-05	8.92E-06	-4.64E-05	2.58E-05	-2.91E-05				
114	515.50	-5.96E-01	-7.23E-01	-5.42E-01	8.51E-01	4.53E-02	-2.52E-01	1.94E-01	-1.51E+00	42.86	-5.96E-01	8.51E-01	
	74.67	-2.46E-06	-7.37E-06	-3.86E-07	6.55E-05	3.48E-06	-1.94E-05	2.79E-05	-3.77E-05				
115	515.50	-1.09E+00	-6.98E-01	-7.08E-01	2.98E-01	1.58E-01	-1.60E-01	-5.37E-01	-1.25E+00	61.66	-6.98E-01	-2.98E-01	
	88.00	-1.45E-05	5.85E-07	1.92E-07	2.29E-05	1.21E-05	-1.23E-05	6.77E-06	-2.07E-05				
116	547.50	-7.26E-01	-1.62E-01	-3.49E-01	8.73E-01	1.17E-01	-5.38E-01	4.73E-01	-1.36E+00	53.96	2.16E-01	-6.37E-01	
	104.00	-1.43E-05	7.37E-06	1.81E-07	6.71E-05	9.04E-06	-4.14E-05	3.18E-05	-3.88E-05				
117	515.50	-2.70E-01	-3.10E-01	-2.02E-01	6.64E-01	9.24E-03	-3.38E-01	3.74E-01	-9.54E-01	44.14	-2.70E-01	6.64E-01	
	120.00	-1.80E-06	-3.33E-06	8.29E-07	5.11E-05	7.11E-07	-2.60E-05	2.30E-05	-2.81E-05				
118	515.50	-7.93E-01	-4.93E-01	-4.70E-01	2.56E-01	7.72E-02	-1.36E-01	-3.47E-01	-9.39E-01	60.16	-4.93E-01	-2.56E-01	
	136.00	-1.12E-05	3.21E-07	1.21E-06	1.97E-05	5.94E-06	-1.04E-05	5.97E-06	-1.68E-05				
119	547.50	-6.07E-01	-2.01E-01	-2.82E-01	6.15E-01	6.46E-02	-3.54E-01	2.43E-01	-1.05E+00	54.15	6.42E-02	-4.47E-01	
	152.00	-1.14E-05	4.25E-06	1.14E-06	4.73E-05	4.97E-06	-2.72E-05	2.13E-05	-2.85E-05				
120	515.50	-2.86E-01	-2.67E-01	-1.53E-01	4.65E-01	-5.46E-03	-2.55E-01	1.89E-01	-7.42E-01	45.59	-2.86E-01	4.65E-01	
	168.00	-3.24E-06	-2.51E-06	1.87E-06	3.58E-05	-4.20E-07	-1.96E-05	1.50E-05	-2.08E-05				
121	515.50	-9.94E-01	-6.16E-01	-5.75E-01	2.01E-01	5.58E-02	-1.03E-01	-5.29E-01	-1.08E+00	66.59	-6.16E-01	-2.01E-01	
	184.00	-1.42E-05	3.05E-07	1.91E-06	1.55E-05	4.29E-06	-7.89E-06	3.66E-06	-1.76E-05				
122	547.50	-4.10E-01	9.42E-02	-6.06E-02	6.48E-01	4.13E-02	-4.34E-01	5.38E-01	-8.53E-01	55.62	3.70E-01	-4.54E-01	
	200.00	-1.16E-05	7.75E-06	1.80E-06	4.99E-05	3.18E-06	-3.34E-05	2.48E-05	-2.87E-05				
123	515.50	1.09E-01	1.78E-01	2.15E-01	3.33E-01	-6.10E-02	-3.15E-01	4.78E-01	-1.91E-01	47.99	1.09E-01	3.33E-01	
	216.00	-1.33E-06	1.35E-06	2.74E-06	2.56E-05	-4.69E-06	-2.42E-05	1.29E-05	-1.29E-05				
124	515.50	-2.74E-01	-1.48E-01	-8.31E-02	7.97E-02	-9.22E-02	-6.72E-02	-1.09E-01	-3.12E-01	64.18	-1.48E-01	-7.97E-02	
	232.00	-4.99E-06	-1.37E-07	2.35E-06	6.13E-06	-7.09E-06	-5.17E-06	1.35E-06	-6.47E-06				
125	547.50	-1.92E-01	-1.29E-01	-5.07E-02	1.50E-01	-4.49E-02	-1.54E-01	-9.68E-03	-3.18E-01	51.51	-6.26E-02	-1.16E-01	
	248.00	-3.48E-06	-9.10E-07	2.21E-06	1.16E-05	-3.46E-06	-1.18E-05	3.79E-06	-8.08E-06				
126	515.50	1.83E-01	2.70E-01	2.88E-01	-7.54E-03	-8.38E-02	-2.74E-01	2.71E-01	1.83E-01	-85.06	1.83E-01	-7.54E-03	
	264.00	-1.10E-06	2.23E-06	2.94E-06	-5.80E-07	-6.44E-06	-2.11E-05	2.26E-06	-1.12E-06				
127	515.50	-1.56E-01	-8.28E-02	-2.18E-02	2.52E-02	-1.60E-01	-3.68E-02	-7.49E-02	-1.63E-01	72.62	-8.28E-02	-2.52E-02	
	276.00	-3.12E-06	-3.27E-07	2.02E-06	1.94E-06	-1.23E-05	-2.83E-06	-2.36E-08	-3.43E-06				
128	531.50	1.04E-01	7.45E-02	1.57E-01	1.78E-02	-7.37E-02	-2.32E-02	1.12E-01	6.61E-02	25.13	1.04E-01	1.78E-02	
	297.00	3.20E-07	-8.18E-07	2.34E-06	1.37E-06	-5.67E-06	-1.78E-06	6.42E-07	-1.14E-06				
129	515.50	4.40E-01	3.71E-01	4.19E-01	-8.89E-02	-8.01E-02	-1.93E-01	5.01E-01	3.10E-01	-34.51	4.40E-01	-8.89E-02	
	320.00	3.39E-06	7.68E-07	2.60E-06	-6.84E-06	-6.16E-06	-1.49E-05	5.74E-06	-1.58E-06				
130	565.50	4.50E-02	-1.13E-01	-9.61E-02	1.15E+00	2.74E-01	-9.15E-01	1.11E+00	-1.16E+00	43.02	4.50E-02	1.15E+00	
	-8.00	3.54E-06	-2.55E-06	-1.89E-06	8.81E-05	2.10E-05	-7.04E-05	4.46E-05	-4.37E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE

93

3704

1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1762E+02	-.1091E+03	-.2637E+02	.1227E+02	.2705E+02	-.1869E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1505E+01	.5770E+00	.2030E+00	.1181E+02	-.7311E+01	-.9903E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1058E+01	-.1462E+00	.6242E-01	.1927E+02	-.1582E+02	-.1826E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1518E+01	.3610E+00	-.1360E-01	.2701E+02	-.2502E+02	-.2666E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1501E+01	-.1900E+00	-.1363E-01	.3462E+02	-.3398E+02	-.3588E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.6585E+00	-.2578E+00	.8551E-01	.4542E+02	-.4343E+02	-.4685E+02
25	.4732E+01	.7589E+00	.7782E-03	.5620E+02	-.4793E+02	-.5748E+02
26	.1362E+01	.3818E+00	-.6115E-01	.6125E+02	-.5067E+02	-.6526E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2694E+02	-.4937E+01	.7030E+00	.6321E+02	-.7025E+02	-.7155E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3503E+03	.6380E+02	-.4416E+01	.8683E+02	-.1905E+03	-.1122E+03
40	.2677E+03	.4480E+02	-.1371E+01	.8252E+02	-.1880E+03	-.1032E+03
41	.2016E+03	.2944E+02	.2098E+01	.7220E+02	-.1703E+03	-.8977E+02
42	.5611E+02	.5755E+01	.2919E+01	.6351E+02	-.1204E+03	-.7840E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.5925E+03	-.8019E+02	-.3452E+01	.1685E+02	-.2008E+03	.5421E+02
48	-.5165E+03	-.6920E+02	-.3772E+01	.2494E+02	-.1867E+03	.3905E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.7441E+03	-.1133E+03	-.3507E+01	-.2771E+02	-.1402E+03	.1715E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2404E+01	.1800E+01	-.3917E+00	.1013E+02	-.1979E+03	.5081E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.5086E+03	-.7723E+02	-.3473E+01	-.1569E+02	-.1133E+03	.1621E+03
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	-.3584E+03	-.5410E+02	-.4650E+01	-.1[illegible]	-.1062E+03	.1576E+03
66	-.1166E+03	-.1821E+02	-.5537E+01	-.1766E+02	-.8846E+02	.1643E+03
67	.2515E+03	.3712E+02	-.5814E+01	-.1576E+02	-.7002E+02	.1642E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.4490E+03	.6668E+02	-.4855E+01	.2711E+01	-.5443E+02	.1596E+03
76	-.4277E+02	-.7656E+01	-.3260E+01	.9011E+01	-.3393E+02	.1603E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1866E+03	.2788E+02	-.2335E+01	.1315E+02	-.9108E+01	.1552E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.7996E+02	-.1197E+02	-.1636E+01	.2329E+02	.5631E+01	.1503E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1082E+03	.1646E+02	-.1448E+01	.1725E+02	.2636E+02	.1393E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.7530E+02	-.1094E+02	-.1220E+01	.1551E+02	.3844E+02	.1275E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.8516E+02	.1329E+02	-.1246E+01	.1629E+02	.5595E+02	.1144E+03
109	-.5085E+02	-.7003E+01	-.1037E+01	.1775E+02	.6717E+02	.9915E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.7020E+02	.1129E+02	-.1008E+01	.9413E+01	.8000E+02	.8172E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2830E+02	.5068E+01	-.1426E+00	.4313E+01	.8563E+02	.6392E+02
115	.1453E+02	.3039E+01	.1281E+00	.1154E+01	.8584E+02	.4620E+02
116	.2048E+02	.4033E+01	.3562E+00	-.1478E+01	.8952E+02	.3409E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.2729E+02	.5103E+01	.6087E+00	.1876E+01	.9176E+02	.3085E+02
119	.1903E+02	.3791E+01	.8509E+00	-.7278E+01	.8379E+02	.1669E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5327E+02	.6967E+01	.3138E+01	-.6390E+01	.7309E+02	.8119E+01
122	.4412E+02	.3306E+01	.5405E+01	.1864E+01	.7047E+02	.5057E+01
123	.3334E+02	.2159E+01	.4845E+01	.1131E+01	.6157E+02	.8176E+01
124	.2415E+02	.1500E+01	.3349E+01	.6315E+00	.5072E+02	.7463E+01
125	.1585E+02	.7347E+00	.2464E+01	.2198E+00	.4194E+02	.6785E+01
126	.4957E+01	-.9723E+00	.2294E+01	-.3056E+00	.3529E+02	.6059E+01
127	-.3005E+01	-.2305E+01	.2342E+01	-.6500E+00	.3017E+02	.5134E+01
128	-.1121E+02	-.3411E+01	.2255E+01	-.1489E+01	.1966E+02	.4087E+01

129	-.1137E+02	-.2955E+01	.1913E+01	-.1843E+01	.1120E+02	.3164E+01
130	-.7869E+01	-.1811E+01	.1432E+01	-.1862E+01	.4994E+01	.2513E+01
131	-.2101E+01	-.3304E+00	.9937E+00	-.1602E+01	.1648E+01	.2101E+01
132	.2119E+00	.1487E+00	.7425E+00	-.1096E+01	.1913E+01	.1810E+01
133	.4263E+00	.1307E+00	.6743E+00	-.7751E+00	.2161E+01	.1522E+01
134	.1150E+00	.3719E-01	.6725E+00	-.5937E+00	.1846E+01	.1198E+01
135	-.1480E-02	.2316E-02	.7547E+00	-.4494E+00	.1305E+01	.8836E+00
136	.2434E-02	.4936E-02	.1004E+01	-.3108E+00	.8472E+00	.5896E+00
137	-.1653E-01	-.6487E-02	.1584E+01	-.2065E+00	.3811E+00	.3220E+00
138	.1292E-01	.3501E-01	.2685E+02	-.1247E+00	-.9726E-01	.1584E+00
139	.2509E-01	.4066E-01	-.1032E+02	-.2117E-01	.5173E-01	-.4991E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8000E+00 (FOR FOURIER TERM, NUMBER 11

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.64464E-02	-.43230E-04	.64264E-02	.00000E+00
3	-.12060E-01	-.11422E-03	.12089E-01	.00000E+00
4	-.13246E-01	-.10291E-03	.13268E-01	.00000E+00
5	-.14511E-01	-.42867E-04	.14518E-01	.00000E+00
6	-.16867E-01	.12258E-04	.16865E-01	.15881E-05
7	-.19169E-01	-.37515E-04	.15376E-01	.00000E+00
8	-.16921E-01	-.20295E-04	.16976E-01	.43691E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.64113E-02	-.42664E-05	.64891E-02	.00000E+00
11	-.12245E-01	-.88892E-05	.12417E-01	.00000E+00
12	-.13869E-01	.26162E-04	.14055E-01	.00000E+00
13	-.15175E-01	.30127E-04	.15255E-01	.00000E+00
14	-.17050E-01	.81066E-04	.17261E-01	.11741E-05
15	-.15501E-01	.13741E-03	.16080E-01	.00000E+00
16	-.17232E-01	.16917E-03	.17731E-01	.22113E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.65513E-02	.68740E-04	.67913E-02	.00000E+00
19	-.12595E-01	.18691E-03	.13104E-01	.00000E+00
20	-.14336E-01	.23417E-03	.14905E-01	.00000E+00
21	-.15661E-01	.27951E-03	.16188E-01	.00000E+00
22	-.17492E-01	.37912E-03	.18386E-01	.27197E-05
23	-.16245E-01	.37912E-03	.17644E-01	.00000E+00
24	-.17800E-01	.44333E-03	.19247E-01	-.16447E-05
25	-.18011E-01	.40769E-03	.19805E-01	.18133E-05
26	-.19133E-01	.50286E-03	.20136E-01	.88222E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.67831E-02	.14934E-03	.71330E-02	.00000E+00
29	-.13198E-01	.40529E-03	.13908E-01	.00000E+00
30	-.14811E-01	.53548E-03	.15961E-01	.00000E+00
31	-.16341E-01	.54516E-03	.17914E-01	.00000E+00
32	-.18266E-01	.60991E-03	.20503E-01	-.49905E-05
33	-.16370E-01	.52676E-03	.17945E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.68473E-02	.10721E-03	.71960E-02	.00000E+00
36	-.13479E-01	.49240E-03	.14210E-01	.00000E+00
37	-.15086E-01	.57721E-03	.15941E-01	.00000E+00
38	-.16973E-01	.81241E-03	.18681E-01	.00000E+00
39	-.18447E-01	.86345E-03	.21109E-01	.17057E-04
40	-.18407E-01	.70972E-03	.20966E-01	.11955E-04
41	-.18370E-01	.60592E-03	.20833E-01	.67240E-05
42	-.18335E-01	.56523E-03	.20688E-01	-.12571E-06
43	-.15405E-01	.61442E-03	.16001E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.68791E-02	.48013E-03	.68846E-02	.00000E+00
	-.14019E-01	.58153E-03	.14082E-01	.00000E+00
	-.18466E-01	.98234E-03	.21163E-01	[illegible]050E-04
	-.16460E-01	.93095E-03	.21157E-01	[illegible]660E-04

	-.16973E-01	.75618E-03	.18529E-01	.00000E+00
50	-.18665E-01	.94085E-03	.21258E-01	.[illegible]755E-04
51	-.17503E-01	.75297E-03	.18358E-01	.00000E+00
52	-.19[illegible]4E-01	.92557E-03	.20251E-01	.00000E+00
53	-.18431E-01	.10253E-02	.21189E-01	-.12668E-06
54	-.15608E-01	.68171E-03	.15192E-01	.00000E+00
55	-.17401E-01	.61284E-03	.16986E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.60994E-02	-.49721E-03	.55391E-02	.00000E+00
58	-.13139E-01	-.16359E-04	.10977E-01	.00000E+00
59	-.20220E-01	.93825E-03	.19679E-01	.00000E+00
60	-.19748E-01	.90726E-03	.19849E-01	.00000E+00
61	-.18847E-01	.94487E-03	.21323E-01	.71721E-04
62	-.15295E-01	.41470E-03	.13293E-01	.00000E+00
63	-.17410E-01	.67563E-03	.15403E-01	.00000E+00
64	-.19993E-01	.96321E-03	.20562E-01	.00000E+00
65	-.19088E-01	.94796E-03	.21383E-01	.88188E-04
66	-.19679E-01	.95529E-03	.21506E-01	.10592E-03
67	-.20312E-01	.96585E-03	.21637E-01	.10016E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.49634E-02	.19522E-03	.38545E-02	.00000E+00
70	-.14237E-01	.36427E-03	.12410E-01	.00000E+00
71	-.20249E-01	.91799E-03	.18161E-01	.00000E+00
72	-.20601E-01	.10275E-02	.20716E-01	.00000E+00
73	-.17564E-01	.43592E-03	.15297E-01	.00000E+00
74	-.21860E-01	.11073E-02	.21675E-01	.00000E+00
75	-.20845E-01	.97376E-03	.21756E-01	.75145E-04
76	-.21544E-01	.97367E-03	.21967E-01	.51280E-04
77	-.19908E-01	.78432E-03	.17341E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.60967E-02	-.70100E-04	.55499E-02	.00000E+00
80	-.14025E-01	.41589E-03	.12162E-01	.00000E+00
81	-.15572E-01	.47666E-03	.13613E-01	.00000E+00
82	-.17188E-01	.69687E-03	.14737E-01	.00000E+00
83	-.22584E-01	.11516E-02	.20388E-01	.00000E+00
84	-.22013E-01	.93638E-03	.19262E-01	.00000E+00
85	-.22328E-01	.99146E-03	.22253E-01	.40471E-04
86	-.22669E-01	.11739E-02	.22197E-01	.00000E+00
87	-.20473E-01	.69905E-03	.17737E-01	.00000E+00
88	-.22968E-01	.10653E-02	.21594E-01	.00000E+00
89	-.22853E-01	.98719E-03	.22521E-01	.32183E-04
90	-.17147E-01	.10509E-03	.15887E-01	.00000E+00
91	-.18111E-01	.17308E-03	.16434E-01	.00000E+00
92	-.19107E-01	-.42319E-04	.17069E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.78161E-02	.00000E+00	.75622E-02	.00000E+00
95	-.14084E-01	.00000E+00	.13390E-01	.00000E+00
96	-.15898E-01	.00000E+00	.14883E-01	.00000E+00
97	-.16594E-01	.00000E+00	.15468E-01	.00000E+00
98	-.16594E-01	.00000E+00	.15370E-01	.00000E+00
99	-.17521E-01	-.11298E-03	.16131E-01	.00000E+00
100	-.20209E-01	.77446E-04	.17305E-01	.00000E+00
101	-.23077E-01	.48237E-03	.19807E-01	.00000E+00
102	-.23690E-01	.99708E-03	.22921E-01	.29260E-04
103	-.23702E-01	.10675E-02	.21350E-01	.00000E+00
104	-.24117E-01	.11395E-02	.23098E-01	.00000E+00
105	-.24256E-01	.10044E-02	.23273E-01	.26104E-04
106	-.24523E-01	.13046E-02	.22525E-01	.00000E+00
107	-.25158E-01	.11199E-02	.23803E-01	.00000E+00
108	-.24951E-01	.10167E-02	.23620E-01	.25043E-04
109	-.25435E-01	.10248E-02	.23911E-01	.20945E-04
110	-.25539E-01	.82319E-03	.23760E-01	.00000E+00
111	-.26182E-01	.10182E-02	.24662E-01	.00000E+00
112	-.25973E-01	.10334E-02	.24187E-01	.18836E-04

113	-.26038E-01	.10211E-02	.24183E-01	.00000E+00
114	-.26272E-01	.10551E-02	.24394E-01	.91965E-05
115	-.26415E-01	.10700E-02	.24587E-01	.35958E-05
116	-.26460E-01	.10398E-02	.24712E-01	.68609E-06
117	-.26359E-01	.10447E-02	.25005E-01	.00000E+00
118	-.26459E-01	.10259E-02	.24775E-01	-.99871E-06
119	-.26407E-01	.11302E-02	.24865E-01	-.41902E-05
120	-.26153E-01	.10274E-02	.25237E-01	.00000E+00
121	-.26246E-01	.11380E-02	.24932E-01	-.10041E-04
122	-.26225E-01	.12147E-02	.24963E-01	-.12775E-04
123	-.26193E-01	.12988E-02	.24990E-01	-.14856E-04
124	-.26155E-01	.13263E-02	.25018E-01	-.17181E-04
125	-.26103E-01	.15090E-02	.25047E-01	-.19850E-04
126	-.26001E-01	.17267E-02	.25095E-01	-.22766E-04
127	-.25892E-01	.19587E-02	.25142E-01	-.22893E-04
128	-.25690E-01	.24166E-02	.25238E-01	-.17575E-04
129	-.25566E-01	.27217E-02	.25328E-01	-.99113E-05
130	-.25517E-01	.28605E-02	.25425E-01	-.11342E-05
131	-.25592E-01	.26697E-02	.25573E-01	.80072E-05
132	-.25730E-01	.22345E-02	.25702E-01	.10443E-04
133	-.25852E-01	.17991E-02	.25815E-01	.92468E-05
134	-.25936E-01	.14120E-02	.25906E-01	.79109E-05
135	-.25996E-01	.10717E-02	.25978E-01	.75060E-05
136	-.26039E-01	.73528E-03	.26031E-01	.75543E-05
137	-.26065E-01	.40716E-03	.26062E-01	.74986E-05
138	-.26082E-01	.60902E-04	.26082E-01	.76859E-05
139	-.26082E-01	.75418E-05	.26082E-01	.75566E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .0000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	5.29E-03	-3.20E-03	7.02E-03	-7.84E-01	1.85E-04	7.91E-01	7.85E-01	-7.93E-01	-44.85	5.29E-03	-7.84E-01
	-303.00	1.22E-07	-2.64E-07	2.01E-07	-7.13E-05	1.68E-08	7.19E-05	9.56E-05	-3.57E-05			
2	72.00	-1.42E-02	-1.24E-02	1.71E-02	-6.94E-01	5.02E-03	7.15E-01	6.81E-01	-7.07E-01	-45.04	-1.42E-02	-6.94E-01
	-213.00	-5.20E-07	-4.42E-07	9.01E-07	-6.31E-05	4.56E-07	6.50E-05	3.11E-05	-3.20E-05			
3	72.00	-1.55E-01	-1.33E-02	3.09E-02	-4.97E-01	5.39E-02	5.32E-01	4.18E-01	-5.86E-01	-49.06	-1.55E-01	-4.97E-01
	-138.00	-2.91E-06	4.20E-07	1.42E-06	-2.26E-05	2.45E-06	2.42E-05	1.02E-05	-1.26E-05			
4	24.00	-5.02E-01	-1.85E-01	-2.41E-01	-9.64E-01	1.43E-01	1.05E+00	6.33E-01	-1.32E+00	-49.67	-5.02E-01	-9.64E-01
	-68.00	-9.11E-06	3.09E-06	9.19E-07	-7.41E-05	1.10E-05	8.11E-05	3.46E-05	-4.06E-05			
5	72.00	7.99E-02	2.91E-02	1.38E-01	-3.93E-01	-1.09E-02	4.25E-01	4.46E-01	-3.39E-01	-43.15	2.91E-02	3.93E-01
	-88.00	3.65E-07	-1.59E-06	2.58E-06	-3.02E-05	-8.27E-07	3.27E-05	1.45E-05	-1.58E-05			
6	120.00	2.39E-02	2.50E-03	6.69E-02	-8.35E-01	-4.20E-02	8.03E-01	8.49E-01	-8.22E-01	-44.63	-8.10E-01	1.40E-01
	-68.00	-1.07E-07	-9.29E-07	1.55E-06	-6.43E-05	-3.23E-06	6.18E-05	3.16E-05	-3.26E-05			
7	36.25	-2.58E-01	-1.13E-01	-8.14E-02	-4.62E-01	6.39E-02	4.49E-01	2.82E-01	-6.54E-01	-49.46	-2.42E-01	-4.65E-01
	-19.00	-4.96E-06	6.25E-07	1.84E-06	-3.56E-05	4.91E-06	3.46E-05	1.58E-05	-2.02E-05			
8	108.00	2.32E-02	6.31E-02	8.11E-02	-3.91E-01	-1.84E-03	4.02E-01	4.35E-01	-3.49E-01	-46.46	2.32E-02	-3.91E-01
	-19.00	-9.47E-07	5.88E-07	1.28E-06	-3.01E-05	-1.42E-07	3.10E-05	1.49E-05	-1.53E-05			
9	216.00	-1.56E-04	1.04E-02	1.96E-02	-7.89E-01	7.43E-03	8.11E-01	7.99E-01	-7.80E-01	-45.34	-1.56E-04	-7.89E-01
	-303.00	-4.86E-07	3.58E-07	3.69E-07	-7.18E-05	6.81E-07	7.37E-05	3.58E-05	-3.59E-05			
10	216.00	-3.38E-02	1.76E-02	2.91E-02	-7.16E-01	2.51E-02	7.45E-01	7.08E-01	-7.24E-01	-46.03	-3.38E-02	-7.16E-01
	-213.00	-1.70E-06	6.31E-07	1.16E-06	-6.51E-05	2.28E-06	6.77E-05	3.20E-05	-3.31E-05			
11	216.00	-1.41E-01	1.41E-02	5.71E-02	-5.86E-01	8.09E-02	6.19E-01	5.28E-01	-6.55E-01	-48.77	-1.41E-01	-5.86E-01
	-138.00	-2.84E-06	6.86E-07	1.66E-06	-2.66E-05	3.68E-06	2.81E-05	1.24E-05	-1.45E-05			
12	168.00	-1.92E-01	-2.31E-02	-4.59E-02	-9.00E-01	1.35E-01	9.57E-01	7.57E-01	-1.01E+00	-47.69	-1.92E-01	-9.00E-01
	-68.00	-4.53E-06	1.59E-06	1.11E-06	-6.93E-05	1.04E-05	7.36E-05	3.35E-05	-3.61E-05			
13	216.00	1.37E-01	3.25E-02	1.64E-01	-3.33E-01	1.32E-02	3.68E-01	4.22E-01	-2.52E-01	-40.52	3.25E-02	3.33E-01
	-88.00	1.62E-06	-2.42E-06	2.64E-06	-2.56E-05	1.02E-06	2.83E-05	1.25E-05	-1.34E-05			
14	264.00	[illegible]60E-02	-1.10E-02	4.77E-02	-8.01E-01	-8.56E-03	[illegible]E-01	7.63E-01	-8.40E-01	-45.98	-8.22E-01	1.72E-[illegible]
	-68.00	[illegible]22E-06	-1.01E-07	2.16E-06	-6.16E-05	-6.58E-07	[illegible]E-05	2.97E-05	-3.20E-05			
15	1[illegible]	[illegible].40E-01	-3.00E-02	1.08E-03	-3.87E-01	9.22E-0[illegible]	[illegible]E-01	3.05E-01	-4.75E-01	-49.05	-1.40E-01	-3[illegible]

	-19.00	3.53E-06	7.04E-07	1.30E-06	-2.97E-05	7.10E-06	[illegible]E-05	1.36E-05	-1.64E-05				
16	252.00	-4.01E-02	6.49E-02	1.00E-01	-3.67E-01	3.67E-02	4.19E-01	3.84E-01	-3.59E-01	-49.07	-4.01E-02	-3.67E-01	
	-19.00	-2.91E-06	1.12E-06	2.48E-06	-2.83E-05	2.62E-06	3.22E-05	1.34E-05	-1.52E-05				
17	361.00	1.89E-02	6.30E-02	4.53E-02	-8.12E-01	4.38E-03	6.49E-01	8.53E-01	-7.71E-01	-45.78	1.89E-02	-8.12E-01	
	-303.00	-7.94E-07	1.21E-06	4.08E-07	-7.38E-05	7.62E-07	7.72E-05	3.71E-05	-3.67E-05				
18	361.00	-4.20E-02	6.66E-02	4.84E-02	-7.50E-01	2.94E-02	7.94E-01	7.64E-01	-7.40E-01	-47.07	-4.20E-02	-7.50E-01	
	-213.00	-2.86E-06	2.08E-06	1.25E-06	-6.82E-05	2.67E-06	7.22E-05	3.38E-05	-3.46E-05				
19	361.00	-1.68E-01	5.92E-02	8.37E-02	-5.76E-01	9.54E-02	6.86E-01	5.32E-01	-6.41E-01	-50.59	-1.68E-01	-5.76E-01	
	-138.00	-3.69E-06	1.48E-06	2.04E-06	-2.62E-05	4.34E-06	3.12E-05	1.22E-05	-1.44E-05				
20	312.00	-3.33E-01	-2.02E-02	-7.48E-02	-9.70E-01	2.39E-01	1.14E+00	8.06E-01	-1.16E+00	-49.58	-3.33E-01	-9.70E-01	
	-68.00	-8.10E-06	3.93E-06	1.83E-06	-7.46E-05	1.84E-05	8.77E-05	3.57E-05	-3.94E-05				
21	360.67	2.25E-01	4.00E-02	2.22E-01	-3.98E-01	-3.22E-03	5.28E-01	5.41E-01	-2.76E-01	-38.44	4.00E-02	3.98E-01	
	-88.00	3.31E-06	-3.82E-06	3.19E-06	-3.06E-05	-2.47E-07	4.06E-05	1.55E-05	-1.60E-05				
22	409.33	-7.40E-02	-9.96E-02	3.29E-02	-9.45E-01	1.09E-02	1.19E+00	8.58E-01	-1.03E+00	-44.61	-1.01E+00	1.83E-01	
	-68.00	-1.30E-06	-2.28E-06	2.81E-06	-7.27E-05	8.39E-07	9.18E-05	3.45E-05	-3.81E-05				
23	324.00	-2.38E-01	-4.04E-02	8.47E-03	-3.65E-01	1.66E-01	4.11E-01	2.39E-01	-5.17E-01	-52.58	-2.38E-01	-3.65E-01	
	-19.00	-6.19E-06	1.41E-06	3.29E-06	-2.81E-05	1.28E-05	3.16E-05	1.21E-05	-1.69E-05				
24	372.00	-1.20E-01	1.02E-01	1.30E-01	-1.11E+00	1.53E-01	1.19E+00	1.10E+00	-1.12E+00	-47.87	-1.20E-01	-1.11E+00	
	-9.33	-5.96E-06	2.71E-06	3.76E-06	-8.51E-05	1.17E-05	9.15E-05	4.12E-05	-4.43E-05				
25	401.25	-5.39E-02	1.17E-02	1.37E-01	-3.51E-01	5.56E-02	4.60E-01	3.31E-01	-3.74E-01	-47.67	2.79E-01	-1.85E-01	
	-19.00	-3.11E-06	-5.90E-07	4.22E-06	-2.70E-05	4.28E-06	3.54E-05	1.17E-05	-1.54E-05				
26	427.67	-2.78E-01	-5.63E-02	2.43E-04	-1.19E+00	2.03E-01	1.64E+00	1.03E+00	-1.36E+00	-47.66	-9.61E-01	-8.95E-01	
	-9.33	-7.02E-06	1.50E-06	3.68E-06	-9.17E-05	1.56E-05	1.26E-04	4.33E-05	-4.88E-05				
27	457.00	3.34E-02	8.02E-02	5.72E-02	-8.38E-01	3.33E-03	8.74E-01	8.95E-01	-7.82E-01	-45.80	3.34E-02	-8.38E-01	
	-303.00	-6.98E-07	1.43E-06	3.82E-07	-7.62E-05	3.02E-07	7.95E-05	3.85E-05	-3.77E-05				
28	457.00	-3.95E-02	1.21E-01	6.88E-02	-7.92E-01	3.07E-02	8.36E-01	8.37E-01	-7.55E-01	-47.90	-3.95E-02	-7.92E-01	
	-213.00	-3.75E-06	3.56E-06	1.17E-06	-7.20E-05	2.79E-06	7.60E-05	3.61E-05	-3.63E-05				
29	457.00	-3.45E-01	4.93E-04	4.62E-03	-5.60E-01	2.57E-02	6.70E-01	4.13E-01	-7.58E-01	-53.57	-3.45E-01	-5.60E-01	
	-138.00	-6.05E-06	1.79E-06	1.89E-06	-2.54E-05	1.17E-06	3.04E-05	1.12E-05	-1.54E-05				
30	442.00	5.13E-02	8.70E-02	1.50E-01	-1.01E+00	-1.69E-02	1.26E+00	1.08E+00	-9.42E-01	-45.51	5.13E-02	-1.01E+00	
	-68.00	-1.20E-06	1.77E-07	2.60E-06	-7.78E-05	-1.30E-06	9.69E-05	3.84E-05	-3.94E-05				
31	457.33	1.27E+00	8.23E-01	9.05E-01	-3.83E-01	-6.02E-01	6.45E-01	1.49E+00	6.03E-01	-29.83	8.23E-01	3.83E-01	
	-88.00	1.59E-05	-1.31E-06	1.87E-06	-2.94E-05	-4.63E-05	4.96E-05	2.44E-05	-9.75E-06				
32	472.67	-1.68E+00	-7.86E-01	-9.21E-01	-9.27E-01	4.11E-01	1.61E+00	-2.04E-01	-2.26E+00	-57.89	-2.17E+00	-4.18E-01	
	-68.00	-2.74E-05	7.00E-06	1.81E-06	-7.13E-05	3.16E-05	1.24E-04	2.94E-05	-4.98E-05				
33	443.00	-1.66E-01	-4.00E-03	9.12E-02	-4.76E-01	8.06E-02	6.07E-01	3.98E-01	-5.68E-01	-49.81	-1.66E-01	-4.76E-01	
	-19.50	-5.51E-06	7.07E-07	4.37E-06	-3.66E-05	6.20E-06	4.67E-05	1.62E-05	-2.10E-05				
34	454.00	-1.29E+00	-6.42E-01	-6.47E-01	-1.39E+00	4.53E-01	2.04E+00	4.56E-01	-2.39E+00	-51.59	-1.83E+00	-1.13E+00	
	-11.33	-2.13E-05	3.66E-06	3.47E-06	-1.07E-04	3.49E-05	1.57E-04	4.59E-05	-6.35E-05				
35	461.67	2.36E-01	4.90E-01	4.14E-01	-1.33E+00	1.13E-01	2.10E+00	1.70E+00	-9.75E-01	-47.72	2.36E-01	-1.33E+00	
	-12.00	-3.45E-06	6.30E-06	3.41E-06	-1.02E-04	8.70E-06	1.62E-04	5.29E-05	-5.00E-05				
36	468.00	8.49E-01	5.04E-01	6.74E-01	-1.19E-01	-5.28E-01	8.03E-01	8.86E-01	4.67E-01	-17.34	5.04E-01	1.19E-01	
	-30.00	1.04E-05	-2.88E-06	3.64E-06	-9.17E-06	-4.06E-05	6.17E-05	1.18E-05	-4.31E-06				
37	476.33	-8.29E-02	1.36E-02	1.03E-01	-8.66E-01	1.22E-01	1.70E+00	8.33E-01	-9.02E-01	-46.60	-4.18E-01	-7.78E-01	
	-12.00	-3.56E-06	1.55E-07	3.59E-06	-6.66E-05	9.42E-06	1.31E-04	3.17E-05	-3.51E-05				
38	558.50	1.44E-01	2.18E-01	1.50E-01	-8.26E-01	-1.27E-02	8.58E-01	1.01E+00	-6.45E-01	-46.28	1.44E-01	-8.26E-01	
	-303.00	-9.80E-08	3.26E-06	1.59E-07	-7.51E-05	-1.15E-06	7.80E-05	3.92E-05	-3.60E-05				
39	558.50	2.16E-02	1.21E-01	7.29E-02	-8.25E-01	-2.10E-02	8.60E-01	8.98E-01	-7.56E-01	-46.72	2.16E-02	-8.25E-01	
	-213.00	-1.82E-06	2.70E-06	5.14E-07	-7.50E-05	-1.91E-06	7.82E-05	3.80E-05	-3.71E-05				
40	506.17	-1.04E-01	2.88E-01	1.38E-01	-1.87E+00	-1.49E-02	1.90E+00	1.98E+00	-1.79E+00	-47.99	-1.04E-01	-1.87E+00	
	-138.00	-4.06E-06	4.86E-06	1.44E-06	-8.52E-05	-6.78E-07	8.66E-05	4.32E-05	-4.24E-05				
41	558.50	1.81E-01	1.31E-01	1.00E-01	-7.42E-01	-3.07E-01	1.03E+00	8.98E-01	-5.86E-01	-44.04	1.31E-01	7.42E-01	
	-148.00	1.95E-06	8.22E-07	1.13E-07	-3.37E-05	-1.40E-05	4.69E-05	1.83E-05	-1.55E-05				
42	610.83	-6.72E-02	2.18E-01	5.10E-02	-1.65E+00	-2.29E-01	1.50E+00	1.74E+00	-1.59E+00	-47.46	-1.48E+00	5.72E-01	
	-128.00	-2.58E-06	3.89E-06	1.04E-07	-7.52E-05	-1.04E-05	6.80E-05	3.84E-05	-3.71E-05				
43	501.38	3.51E-02	1.92E-01	1.76E-01	-4.08E-01	-1.05E-01	5.08E-01	5.29E-01	-3.02E-01	-50.42	3.51E-02	-4.08E-01	
	-78.00	-3.08E-06	2.94E-06	2.35E-06	-3.14E-05	-8.11E-06	3.91E-05	1.59E-05	-1.61E-05				
44	534.67	-1.26E-01	2.60E-01	9.40E-02	-1.26E+00	-4.56E-02	1.55E+00	1.34E+00	-1.20E+00	-49.36	-1.14E+00	4.08E-01	
	-68.00	-7.35E-06	7.48E-06	1.12E-06	-9.66E-05	-3.51E-06	1.20E-04	4.89E-05	-4.88E-05				
45	584.67	3.04E-01	4.19E-01	3.26E-01	-1.38E+00	-2.40E-01	1.22E+00	1.75E+00	-1.02E+00	-46.19	3.04E-01	-1.38E+00	
	-68.00	1.50E-07	4.59E-06	1.02E-06	-1.06E-04	-1.85E-05	8.39E-05	5.57E-05	-5.09E-05				
46	610.83	1.26E+00	6.77E-01	7.48E-01	-7.39E-01	-5.56E-01	5.38E-01	1.76E+00	1.73E-01	-34.31	6.77E-01	7.39E-01	
	-88.00	1.88E-05	-3.42E-06	-6.81E-07	-5.68E-05	-4.28E-05	7.22E-05	2.82E-05	-2.28E-05				
47	482.63	1.87E-01	2.50E-01	3.53E-01	-2.88E-01	-1.49E-01	5.83E-01	5.31E-01	-5.46E-02	-50.07	1.87E-01	-2.88E-01	

		-21.00	-1.94E-06	2.03E-06	4.46E-06	-2.22E-05	-1.15E-05	4.60E-05	1.13E-05	-1.12E-05				
	48	485.83	5.42E-01	8.48E-01	6.72E-01	-8.83E-01	-1.69E-02	1.88E+00	1.59E+00	-2.00E-01	-49.91	4.30E-01	-8.55E-01	
		-12.00	-1.81E-06	9.91E-06	3.19E-06	-6.79E-05	-1.30E-06	1.45E-04	3.85E-05	-3.04E-05				
	49	507.88	2.97E-02	2.94E-01	2.70E-01	-3.25E-01	-6.23E-02	6.28E-01	5.13E-01	-1.88E-01	-56.10	2.97E-02	-3.25E-01	
		-21.00	-5.38E-06	4.80E-06	3.85E-06	-2.50E-05	-4.79E-06	4.83E-05	1.32E-05	-1.38E-05				
	50	538.67	-1.55E-01	3.70E-01	1.44E-01	-1.15E+00	-3.70E-01	1.42E+00	1.29E+00	-1.07E+00	-51.44	-1.01E+00	3.72E-01	
		-10.00	-9.91E-06	1.03E-05	1.59E-06	-8.84E-05	-2.85E-05	1.09E-04	4.55E-05	-4.51E-05				
	51	484.67	4.53E+00	3.19E+00	3.29E+00	9.05E-02	-3.77E-01	1.94E-01	4.54E+00	3.18E+00	3.84	3.19E+00	-9.05E-02	
		8.00	5.33E-05	1.65E-06	5.57E-06	6.96E-06	-2.90E-05	1.49E-05	5.35E-05	1.42E-06				
	52	507.00	-1.32E+00	-1.52E+00	-9.77E-01	-8.68E-01	-1.66E-01	-4.23E-01	-5.42E-01	-2.29E+00	-41.71	-2.12E+00	-5.14E-01	
		9.00	-8.75E-06	-1.65E-05	4.27E-06	-6.67E-05	-1.27E-05	-3.26E-05	2.10E-05	-4.62E-05				
	53	603.00	-7.66E-02	1.27E-01	1.88E-02	-5.40E-01	-1.40E-01	4.60E-01	5.74E-01	-5.24E-01	-50.34	2.82E-01	-4.85E-01	
		-18.00	-3.70E-06	4.12E-06	-3.75E-08	-4.15E-05	-1.07E-05	3.54E-05	2.13E-05	-2.09E-05				
	54	712.00	1.58E-01	9.87E-02	9.67E-02	-8.29E-01	-4.72E-02	7.59E-01	9.58E-01	-7.01E-01	-43.97	1.58E-01	-8.29E-01	
		-303.00	2.60E-06	-1.06E-07	-1.94E-07	-7.54E-05	-4.29E-06	6.90E-05	3.90E-05	-3.65E-05				
	55	712.00	4.67E-01	4.16E-01	3.25E-01	-9.24E-01	-1.53E-01	7.70E-01	1.37E+00	-4.83E-01	-44.22	4.67E-01	-9.24E-01	
		-213.00	5.53E-06	3.25E-06	-9.31E-07	-8.40E-05	-1.39E-05	7.00E-05	4.64E-05	-3.76E-05				
	56	712.00	4.00E-01	4.20E-01	1.55E-01	-7.50E-01	-3.32E-01	6.15E-01	1.16E+00	-3.40E-01	-45.38	4.00E-01	-7.50E-01	
		-138.00	3.07E-06	4.43E-06	-1.59E-06	-3.41E-05	-1.51E-05	2.80E-05	2.12E-05	-1.28E-05				
	57	712.00	9.55E-02	1.03E-01	1.64E-02	-4.42E-01	-1.28E-01	4.12E-01	8.41E-01	-3.43E-01	-45.24	9.55E-02	-4.42E-01	
		-78.00	1.31E-06	1.60E-06	-1.73E-06	-3.40E-05	-9.88E-06	3.17E-05	1.85E-05	-1.55E-05				
	58	712.00	1.66E-01	2.84E-01	1.14E-01	-6.01E-01	-1.11E-01	5.76E-01	8.29E-01	-3.79E-01	-47.81	1.66E-01	-6.01E-01	
		-18.00	1.75E-07	4.73E-06	-1.80E-06	-4.63E-05	-8.53E-06	4.43E-05	2.57E-05	-2.08E-05				
	59	837.00	2.44E+00	1.42E+00	1.55E+00	-7.09E-01	-4.06E-01	6.77E-01	2.80E+00	1.06E+00	-27.18	1.42E+00	7.09E-01	
		-318.00	4.07E-05	-5.55E-06	.00E+00	-6.44E-05	-3.69E-05	6.15E-05	5.72E-05	-2.21E-05				
	60	887.00	4.47E-01	2.53E-01	2.80E-01	-1.91E+00	-1.24E-01	1.62E+00	2.26E+00	-1.56E+00	-43.55	-1.38E+00	8.13E-01	
		-288.00	7.57E-06	-1.21E-06	.00E+00	-1.73E-04	-1.12E-05	1.47E-04	9.00E-05	-8.36E-05				
	61	987.00	-3.42E-01	-9.75E-02	-1.76E-01	-1.98E+00	1.24E-01	1.62E+00	1.76E+00	-2.20E+00	-46.77	-3.42E-01	-1.98E+00	
		-288.00	-7.56E-06	3.56E-06	.00E+00	-1.80E-04	1.13E-05	1.47E-04	8.81E-05	-9.21E-05				
	62	1037.00	2.61E+00	1.69E+00	1.72E+00	-1.49E+00	-4.07E-01	1.36E+00	9.71E+00	5.94E-01	-36.32	1.69E+00	1.49E+00	
		-318.00	4.06E-05	-1.56E-06	.00E+00	-1.35E-04	-3.70E-05	1.23E-04	9.03E-05	-5.12E-05				
	63	862.00	9.56E-02	1.72E-01	5.66E-02	-9.58E-01	8.81E-03	8.55E-01	1.09E+00	-8.24E-01	-46.15	9.56E-02	-9.58E-01	
		-213.00	1.27E-07	3.62E-06	-1.64E-06	-8.70E-05	8.00E-07	7.77E-05	4.54E-05	-4.17E-05				
	64	1012.00	-1.01E-01	4.69E-02	-6.22E-02	-1.06E+00	6.76E-02	9.24E-01	1.03E+00	-1.09E+00	-46.99	-1.01E-01	-1.06E+00	
		-213.00	-3.07E-06	3.64E-06	-1.32E-06	-9.63E-05	6.15E-06	8.40E-05	4.85E-05	-4.80E-05				
	65	837.00	-4.19E-01	2.31E-01	-1.81E-01	-6.86E-01	3.39E-01	8.39E-01	6.65E-01	-8.53E-01	-57.67	2.31E-01	6.86E-01	
		-148.00	-7.58E-06	7.18E-06	-2.18E-06	-3.12E-05	1.54E-05	3.82E-05	1.71E-05	-1.75E-05				
	66	937.00	-9.78E-04	2.19E-01	-4.63E-02	-1.31E+00	6.64E-02	1.14E+00	1.43E+00	-1.21E+00	-47.39	-7.16E-01	1.03E+00	
		-128.00	-9.21E-07	4.07E-06	-1.95E-06	-5.96E-05	3.02E-06	5.18E-05	3.15E-05	-2.83E-05				
	67	1037.00	9.90E-01	4.64E-01	3.33E-01	-1.21E+00	-2.46E-01	1.15E+00	1.96E+00	-5.07E-01	-38.84	4.64E-01	1.21E+00	
		-148.00	1.31E-05	1.17E-06	-1.80E-06	-5.48E-05	-1.12E-05	5.21E-05	3.52E-05	-2.09E-05				
	68	837.00	2.66E-01	5.28E-01	2.31E-01	-1.43E+00	2.19E-02	1.34E+00	1.83E+00	-1.04E+00	-47.62	2.66E-01	-1.43E+00	
		-68.00	-1.03E-06	9.05E-06	-2.39E-06	-1.10E-04	1.69E-06	1.03E-04	5.92E-05	-5.12E-05				
	69	937.00	2.13E-01	6.14E-02	3.35E-02	-6.40E-01	-1.80E-02	5.41E-01	7.82E-01	-5.08E-01	-41.63	6.14E-02	6.40E-01	
		-88.00	4.80E-06	-1.02E-06	-2.09E-06	-4.93E-05	-1.39E-06	4.16E-05	2.67E-05	-2.29E-05				
	70	1037.00	4.44E-01	5.52E-01	3.29E-01	-1.11E+00	-2.40E-02	8.46E-01	1.61E+00	-6.13E-01	-46.39	-2.29E-01	8.41E-01	
		-68.00	2.50E-06	6.66E-06	-1.89E-06	-8.53E-05	-1.84E-06	6.51E-05	4.73E-05	-3.81E-05				
	71	862.00	1.70E-01	2.82E-01	8.62E-02	-5.78E-01	-6.47E-03	5.10E-01	8.06E-01	-3.55E-01	-47.77	1.70E-01	-5.78E-01	
		-18.00	6.20E-07	4.92E-06	-2.59E-06	-4.44E-05	-4.98E-07	3.92E-05	2.51E-05	-1.96E-05				
	72	1012.00	-2.97E-02	6.06E-02	-7.78E-02	-6.03E-01	2.51E-02	5.38E-01	6.20E-01	-5.89E-01	-47.14	-2.97E-02	-6.03E-01	
		-18.00	-6.28E-07	2.85E-06	-2.48E-06	-4.64E-05	1.93E-06	4.14E-05	2.43E-05	-2.21E-05				
	73	1387.00	-1.18E-01	-9.51E-02	-8.97E-02	-8.50E-01	2.00E-02	8.01E-01	7.43E-01	-9.56E-01	-45.39	-1.18E-01	-8.50E-01	
		-303.00	-1.43E-06	-3.89E-07	-1.44E-07	-7.72E-05	1.82E-06	7.29E-05	3.77E-05	-3.95E-05				
	74	1387.00	-5.68E-03	8.63E-02	1.36E-02	-8.71E-01	3.63E-02	7.59E-01	9.12E-01	-8.32E-01	-46.51	-5.68E-03	-8.71E-01	
		-213.00	-1.48E-06	2.70E-06	-6.07E-07	-7.92E-05	3.30E-06	6.90E-05	4.02E-05	-3.90E-05				
	75	1387.00	-4.09E-02	-4.54E-03	-7.08E-02	-6.33E-01	6.76E-02	5.38E-01	6.10E-01	-6.56E-01	-45.82	-4.09E-02	-6.33E-01	
		-138.00	-3.20E-07	5.06E-07	-9.99E-07	-2.88E-05	3.07E-06	2.45E-05	1.45E-05	-1.43E-05				
	76	1187.00	-1.54E-02	1.09E-02	-6.19E-02	-1.07E+00	7.13E-02	9.75E-01	1.07E+00	-1.07E+00	-45.35	-1.54E-02	-1.07E+00	
		-68.00	1.38E-07	1.15E-06	-1.65E-06	-8.21E-05	5.48E-06	7.50E-05	4.17E-05	-4.04E-05				
	77	1387.00	1.76E-01	2.19E-01	1.31E-01	-4.29E-01	4.28E-02	3.26E-01	6.27E-01	-2.32E-01	-46.42	2.19E-01	4.29E-01	
		-88.[illegible]	9.94E-07	2.63E-06	-7.32E-07	-3.30E-05	3.29E-06	[illegible]51E-05	1.83E-05	-1.47E-05				
	78	1587.[illegible]	1.76E-01	1.82E-01	1.20E-01	-6.20E-01	-9.82E-03	[illegible]1E-01	7.99E-01	-4.41E-01	-45.15	-5.68E-02	5.7[illegible]	
		-[illegible]	1.51E-06	1.75E-06	-6.40E-07	-4.77E-05	-7.55E-0[illegible]	[illegible]3E-05	2.55E-05	-2.22E-05				
	79	1[illegible]	2.56E-01	1.66E-01	1.09E-01	-4.84E-01	1.80E-[illegible]	[illegible].80E-01	6.97E-01	-2.75E-01	-42.35	2.56E-01	-[illegible]	[illegible]1

	-18.00	4.01E-06	5.51E-07	-1.64E-06	-3.72E-05	1.39E-06	[illegible]E-05	2.10E-05	-1.64E-05				
80	1433.90	1.64E-01	4.19E-02	5.03E-02	-5.47E-01	-1.66E-02	2.89E-01	6.54E-01	-4.48E-01	-41.82	1.64E-01	-5.47E-01	
	-8.00	3.49E-06	-1.20E-06	-8.79E-07	-4.21E-05	-1.27E-06	2.22E-05	2.23E-05	-2.00E-05				
81	1533.80	2.86E-01	5.19E-02	1.06E-01	-2.93E-01	-5.46E-02	2.05E-01	4.84E-01	-1.47E-01	-34.13	5.19E-02	2.93E-01	
	-28.00	6.11E-06	-2.88E-06	-7.99E-07	-2.25E-05	-4.20E-06	1.58E-05	1.37E-05	-1.05E-05				
82	1633.80	3.65E-01	1.49E-01	1.70E-01	-1.49E-01	-5.23E-02	1.01E-01	4.41E-01	7.30E-02	-26.98	7.76E-02	4.06E-02	
	-8.00	6.43E-06	-1.68E-06	-7.50E-07	-1.14E-05	-4.02E-06	7.77E-06	9.34E-06	-4.79E-06				
83	1433.80	1.07E+00	4.91E-01	5.87E-01	-3.37E-01	-1.29E-01	1.78E-01	1.22E+00	3.36E-01	-24.68	4.91E-01	3.37E-01	
	27.60	1.76E-05	-4.71E-06	-1.04E-06	-2.59E-05	-9.95E-06	1.37E-05	2.35E-05	-1.07E-05				
84	1296.10	3.87E-01	8.69E-02	1.24E-01	-3.29E-01	-2.03E-02	1.18E-01	5.99E-01	-1.25E-01	-32.74	2.85E-01	3.59E-01	
	40.70	8.32E-06	-3.23E-06	-1.80E-06	-2.53E-05	-1.56E-06	9.04E-06	1.65E-05	-1.14E-05				
85	1148.60	1.55E-01	-1.12E-01	-6.94E-02	-5.15E-01	-5.74E-02	4.26E-01	5.54E-01	-5.11E-01	-37.73	-4.39E-01	-2.68E-01	
	57.33	6.26E-06	-4.03E-06	-2.38E-06	-3.97E-05	-4.41E-06	3.28E-05	2.16E-05	-1.94E-05				
86	1131.40	1.32E+00	6.67E-01	7.23E-01	-2.40E-01	-2.56E-01	7.29E-02	1.45E+00	5.93E-01	-17.07	6.67E-01	2.40E-01	
	112.00	2.25E-05	-4.73E-06	-2.57E-06	-1.84E-05	-1.97E-05	5.60E-06	2.53E-05	-7.56E-06				
87	1019.80	4.09E-01	5.05E-01	2.68E-01	-4.92E-01	-2.87E-02	4.51E-01	9.51E-01	-3.69E-02	-47.78	5.05E-01	4.92E-01	
	34.67	2.75E-06	6.43E-06	-2.68E-06	-3.78E-05	-2.21E-06	3.47E-05	2.36E-05	-1.44E-05				
88	886.60	2.18E-01	2.49E-01	8.81E-02	-4.57E-01	-2.90E-02	4.29E-01	6.91E-01	-2.24E-01	-45.96	2.18E-01	-4.57E-01	
	46.00	2.29E-06	3.47E-06	-2.71E-06	-3.52E-05	-2.23E-06	3.30E-05	2.05E-05	-1.47E-05				
89	869.80	6.33E-01	2.92E-01	2.55E-01	-3.32E-01	-1.86E-01	2.47E-01	8.36E-01	8.90E-02	-31.38	2.92E-01	3.32E-01	
	96.00	1.14E-05	-1.75E-06	-3.16E-06	-2.55E-05	-1.43E-05	1.90E-05	1.92E-05	-9.54E-06				
90	952.60	2.25E-01	-2.51E-01	-1.16E-01	-5.27E-01	-1.26E-01	4.17E-01	5.65E-01	-5.91E-01	-32.86	-4.30E-01	4.01E-01	
	128.00	1.02E-05	-8.09E-06	-2.89E-06	-4.05E-05	-9.72E-06	3.21E-05	2.33E-05	-2.12E-05				
91	869.80	1.94E-01	-1.79E-02	-2.82E-02	-3.19E-01	-1.07E-01	2.03E-01	4.24E-01	-2.48E-01	-35.82	1.94E-01	-3.19E-01	
	160.00	5.82E-06	-2.31E-06	-2.70E-06	-2.45E-05	-8.24E-06	1.56E-05	1.47E-05	-1.12E-05				
92	869.80	1.18E+00	4.72E-01	5.26E-01	-2.63E-01	-4.43E-01	1.87E-01	1.27E+00	3.85E-01	-18.25	4.72E-01	2.63E-01	
	203.60	2.16E-05	-5.81E-06	-3.76E-06	-2.03E-05	-3.40E-05	1.44E-05	2.49E-05	-9.16E-06				
93	598.67	-2.90E-01	2.25E-01	-5.86E-02	-9.30E-01	-2.99E-01	9.19E-01	9.33E-01	-9.97E-01	-52.74	2.25E-01	9.30E-01	
	16.00	-9.79E-06	1.00E-05	-9.03E-07	-7.15E-05	-2.30E-05	7.07E-05	3.72E-05	-3.70E-05				
94	645.75	7.87E-02	2.25E-01	8.34E-02	-6.06E-01	-1.17E-01	4.91E-01	7.63E-01	-4.59E-01	-48.44	7.87E-02	-6.06E-01	
	24.00	-1.23E-05	4.40E-06	-1.04E-06	-4.66E-05	-8.97E-06	3.78E-05	2.51E-05	-2.19E-05				
95	613.10	-9.85E-02	5.26E-02	-2.93E-02	-1.12E+00	-7.39E-02	3.68E-01	1.10E+00	-1.15E+00	-46.93	-9.85E-02	-1.12E+00	
	60.33	-2.96E-06	2.85E-06	-3.02E-07	-8.63E-05	-5.68E-06	2.83E-05	4.32E-05	-4.33E-05				
96	708.45	1.61E-01	1.45E-01	4.75E-02	-4.83E-01	-1.20E-01	4.07E-01	6.36E-01	-3.29E-01	-44.51	4.25E-01	3.99E-01	
	55.00	2.32E-06	1.69E-06	-2.06E-06	-3.71E-05	-9.20E-06	3.13E-05	2.06E-05	-1.66E-05				
97	613.10	2.73E-01	1.12E-01	7.26E-02	-4.30E-01	-3.20E-01	2.21E-01	6.30E-01	-2.44E-01	-39.69	1.12E-01	4.30E-01	
	96.00	5.47E-06	-7.18E-07	-2.24E-06	-3.30E-05	-2.46E-05	1.70E-05	1.92E-05	-1.44E-05				
98	682.27	1.76E-01	1.87E-01	7.21E-02	-7.71E-01	-8.33E-02	4.98E-01	9.53E-01	-5.89E-01	-45.20	-4.14E-01	4.90E-01	
	112.00	2.00E-06	2.41E-06	-2.01E-06	-5.93E-05	-6.41E-06	3.83E-05	3.19E-05	-2.75E-05				
99	751.43	9.51E-01	3.53E-01	4.15E-01	-6.78E-01	-3.73E-01	8.28E-01	1.39E+00	-8.90E-02	-33.12	3.53E-01	6.78E-01	
	96.00	1.77E-05	-5.30E-06	-2.92E-06	-5.22E-05	-2.87E-05	6.37E-05	3.47E-05	-2.23E-05				
100	683.25	1.87E-01	1.80E-01	5.75E-02	-2.49E-01	-6.28E-02	2.33E-01	4.32E-01	-6.49E-02	-44.61	1.87E-01	-2.49E-01	
	152.00	2.53E-06	2.27E-06	-2.46E-06	-1.91E-05	-4.83E-06	1.79E-05	1.20E-05	-7.17E-06				
101	648.67	8.30E-01	4.08E-01	3.83E-01	-2.36E-01	-2.54E-01	2.06E-01	9.36E-01	3.02E-01	-24.11	4.08E-01	2.36E-01	
	192.00	1.41E-05	-2.12E-06	-3.08E-06	-1.82E-05	-1.95E-05	1.59E-05	1.82E-05	-6.18E-06				
102	725.25	2.07E-01	1.30E-03	-6.28E-03	-1.98E-01	-5.43E-02	1.68E-01	3.28E-01	-1.19E-01	-31.26	1.21E-01	2.23E-01	
	232.70	5.75E-06	-2.17E-06	-2.47E-06	-1.52E-05	-4.18E-06	1.29E-05	1.04E-05	-6.80E-06				
103	635.50	8.52E-02	6.59E-02	-2.66E-02	-5.91E-02	-3.25E-02	3.54E-02	1.35E-01	1.57E-02	-40.35	8.52E-02	-5.91E-02	
	256.00	1.91E-06	1.17E-06	-2.39E-06	-4.55E-06	-2.50E-06	2.72E-06	3.84E-06	-7.65E-07				
104	638.50	4.34E-01	2.80E-01	1.79E-01	-5.46E-02	-1.71E-01	3.31E-02	4.52E-01	2.62E-01	-17.63	2.80E-01	5.46E-02	
	290.67	6.89E-06	9.41E-07	-2.92E-06	-4.20E-06	-1.31E-05	2.55E-06	7.55E-06	2.73E-07				
105	569.00	-1.60E-01	2.89E-01	7.48E-02	-9.12E-01	-2.04E-01	8.07E-01	1.00E+00	-8.75E-01	-51.91	-1.60E-01	-9.12E-01	
	16.50	-8.39E-06	8.87E-06	6.38E-07	-7.01E-05	-1.57E-05	6.21E-05	3.64E-05	-3.59E-05				
106	508.50	-2.54E+00	-1.61E+00	-1.61E+00	-7.95E-01	-5.52E-01	2.55E-01	-1.16E+00	-3.00E+00	-60.13	-1.61E+00	7.95E-01	
	13.00	-3.44E-05	1.34E-06	1.31E-06	-6.12E-05	-4.25E-05	1.96E-05	1.89E-05	-5.19E-05				
107	521.00	-5.76E-01	-1.31E-01	-1.78E-01	-9.51E-01	-1.91E-01	4.79E-01	6.23E-01	-1.33E+00	-51.58	-5.76E-01	-9.51E-01	
	15.75	-1.24E-05	4.67E-06	2.88E-06	-7.31E-05	-1.47E-05	3.69E-05	3.37E-05	-4.14E-05				
108	526.25	-4.84E-01	-8.69E-02	-1.45E-01	-1.05E+00	-1.53E-01	4.91E-01	7.81E-01	-1.35E+00	-50.37	-4.84E-01	-1.05E+00	
	21.00	-1.08E-05	4.53E-06	2.28E-06	-8.06E-05	-1.18E-05	3.78E-05	3.79E-05	-4.41E-05				
109	515.50	-1.63E+00	-1.01E+00	-1.05E+00	-1.34E+00	-3.42E-01	2.59E-01	6.13E-02	-2.70E+00	-51.53	-1.01E+00	1.34E+00	
	26.00	-2.22E-05	1.76E-06	2.24E-07	-1.03E-04	-2.63E-05	1.99E-05	4.28E-05	-6.32E-05				
110	531.50	-1.81E-01	1.05E-02	-3.12E-02	-8.35E-01	-9.45E-02	4.03E-01	7.95E-01	-9.26E-01	-48.27	-1.81E-01	-8.35E-01	
	34.50	-4.75E-06	2.62E-06	1.02E-06	-6.43E-05	-7.27E-06	3.10E-05	3.13E-05	-3.34E-05				
111	515.50	4.13E-01	7.89E-01	5.45E-01	-2.60E+00	-6.26E-02	3.45E-01	3.20E+00	-2.00E+00	-47.06	4.13E-01	-2.60E+00	

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	44.00	-3.29E-06	1.11E-05	1.77E-06	-2.00E-04	-4.81E-06	2.45E-05	1.04E-04	-9.62E-05				
112	515.50	-9.40E-02	-2.07E-02	-5.90E-02	-5.85E-01	-1.53E-01	2.04E-01	5.29E-01	-6.44E-01	-46.79	-2.07E-02	5.85E-01	
	53.33	-1.71E-06	1.11E-06	-3.56E-07	-4.50E-05	-1.18E-05	1.57E-05	2.22E-05	-2.28E-05				
113	547.50	5.81E-01	4.05E-01	3.82E-01	-8.24E-01	-1.13E-01	6.32E-01	1.32E+00	-3.36E-01	-41.95	1.42E-01	7.51E-01	
	64.00	7.31E-06	5.43E-07	-3.38E-07	-6.34E-05	-9.69E-06	4.87E-05	3.58E-05	-2.80E-05				
114	515.50	7.07E-01	9.29E-01	6.53E-01	-1.11E+00	-4.19E-02	3.65E-01	1.93E+00	-2.86E-01	-48.01	7.07E-01	-1.11E+00	
	74.67	1.91E-06	1.09E-05	-1.46E-07	-8.50E-05	-1.22E-06	2.81E-05	4.91E-05	-3.63E-05				
115	515.50	1.09E+00	7.31E-01	6.97E-01	-3.74E-01	-1.74E-01	1.87E-01	1.33E+00	4.97E-01	-32.06	7.31E-01	3.74E-01	
	88.00	1.44E-05	4.13E-07	-9.16E-07	-2.87E-05	-1.34E-05	1.44E-05	2.34E-05	-8.59E-06				
116	547.50	9.21E-01	3.77E-01	4.88E-01	-1.02E+00	-1.36E-01	6.56E-01	1.71E+00	-4.08E-01	-37.55	-7.16E-02	7.74E-01	
	104.00	1.58E-05	-5.12E-06	-8.62E-07	-7.86E-05	-1.05E-05	5.05E-05	4.60E-05	-3.53E-05				
117	515.50	3.77E-01	5.09E-01	3.01E-01	-8.42E-01	-4.63E-03	4.52E-01	1.29E+00	-4.02E-01	-47.24	3.77E-01	-8.42E-01	
	120.00	1.41E-06	6.54E-06	-1.47E-06	-6.48E-05	-3.56E-07	3.48E-05	3.65E-05	-2.85E-05				
118	515.50	8.29E-01	5.40E-01	4.76E-01	-3.23E-01	-9.25E-02	1.59E-01	1.04E+00	3.31E-01	-32.98	5.40E-01	3.23E-01	
	136.00	1.16E-05	5.14E-07	-1.98E-06	-2.48E-05	-7.12E-06	1.22E-05	1.97E-05	-7.54E-06				
119	547.50	7.44E-01	3.18E-01	3.57E-01	-7.65E-01	-8.19E-02	4.96E-01	1.33E+00	-2.63E-01	-37.21	-1.69E-02	5.75E-01	
	152.00	1.30E-05	-3.37E-06	-1.86E-06	-5.88E-05	-6.30E-06	3.82E-05	3.54E-05	-2.57E-05				
120	515.50	3.50E-01	4.04E-01	2.07E-01	-6.24E-01	1.90E-02	3.88E-01	1.00E+00	-2.48E-01	-46.24	3.50E-01	-6.24E-01	
	168.00	2.89E-06	4.97E-06	-2.58E-06	-4.80E-05	1.46E-06	2.99E-05	2.80E-05	-2.01E-05				
121	515.50	9.95E-01	6.33E-01	8.56E-01	-2.54E-01	-4.70E-02	1.21E-01	1.13E+00	5.02E-01	-27.27	6.33E-01	2.54E-01	
	184.00	1.43E-05	3.61E-07	-2.63E-06	-1.95E-05	-3.61E-06	9.33E-06	1.93E-05	-4.67E-06				
122	547.50	5.50E-01	6.22E-02	1.55E-01	-7.58E-01	-4.58E-02	5.43E-01	1.10E+00	-4.90E-01	-36.07	-2.66E-01	5.54E-01	
	200.00	1.27E-05	-6.04E-06	-2.48E-06	-5.83E-05	-3.52E-06	4.17E-05	3.40E-05	-2.73E-05				
123	515.50	-4.60E-02	-3.98E-02	-1.60E-01	-4.42E-01	8.13E-02	4.56E-01	3.99E-01	-4.85E-01	-45.20	-4.60E-02	-4.42E-01	
	216.00	9.37E-07	1.18E-06	-3.46E-06	-3.40E-05	6.25E-06	3.51E-05	1.80E-05	-1.59E-05				
124	515.50	2.15E-01	1.19E-01	2.60E-02	-9.45E-02	1.21E-01	7.88E-02	2.73E-01	6.08E-02	-31.57	1.19E-01	9.45E-02	
	232.00	4.30E-06	6.21E-07	-2.95E-06	-7.27E-06	9.30E-06	6.06E-06	6.54E-06	-1.61E-06				
125	547.50	2.53E-01	2.15E-01	8.64E-02	-1.70E-01	5.13E-02	1.41E-01	4.05E-01	6.35E-02	-41.82	1.38E-01	1.41E-01	
	248.00	3.64E-06	2.18E-06	-2.78E-06	-1.31E-05	3.94E-06	1.09E-05	9.48E-06	-3.66E-06				
126	515.50	-7.61E-02	-9.00E-02	-1.95E-01	-2.44E-02	8.57E-02	3.35E-01	-5.76E-02	-1.08E-01	-37.06	-7.61E-02	-2.44E-02	
	264.00	1.05E-06	5.12E-07	-3.55E-06	-1.88E-06	6.59E-06	2.58E-05	1.76E-06	-1.97E-07				
127	515.50	1.38E-01	7.16E-02	-1.18E-02	-1.81E-02	1.44E-01	4.19E-02	1.43E-01	6.70E-02	-14.32	7.16E-02	1.81E-02	
	276.00	3.13E-06	5.80E-07	-2.63E-06	-1.39E-06	1.11E-05	3.23E-06	3.31E-06	4.02E-07				
128	531.50	-1.14E-01	-8.78E-02	-1.82E-01	-1.99E-02	7.33E-02	2.91E-02	-7.71E-02	-1.25E-01	-61.73	-1.14E-01	-1.99E-02	
	297.00	-1.72E-07	8.38E-07	-2.77E-06	-1.53E-06	5.64E-06	2.24E-06	1.25E-06	-5.83E-07				
129	515.50	-3.50E-01	-2.39E-01	-3.44E-01	9.09E-02	8.02E-02	2.47E-01	-1.88E-01	-4.01E-01	60.72	-3.50E-01	9.09E-02	
	320.00	-3.20E-06	1.07E-06	-2.99E-06	6.99E-06	6.17E-06	1.90E-05	3.03E-06	-5.16E-06				
183	565.50	-9.66E-02	3.23E-01	1.45E-01	-1.40E+00	-2.69E-01	1.13E+00	1.53E+00	-1.30E+00	-49.26	-9.66E-02	-1.40E+00	
	-8.00	-7.80E-06	8.32E-06	1.51E-06	-1.08E-04	-2.07E-05	8.66E-05	5.47E-05	-5.42E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .8000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3155E+02	.1937E+03	.1066E+03	-.1437E+02	-.2770E+02	.2012E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1554E+01	-.4099E+00	.1658E-01	-.1583E+02	.7648E+01	.1158E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.5846E+00	.1251E-01	.9289E-01	-.2637E+02	.1548E+02	.2183E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.9278E+00	-.2567E+00	.1066E+00	-.37[illegible]2	.2509E+02	.3182E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.[illegible]1E+00	-.3032E-02	.1079E+00	-.4724E+02	.3414E+02	.4290E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1590E+01	.3800E+00	-.8940E-02	-.6062E+02	.4431E+02	.5609E+02
25	-.4955E+01	-.7783E+00	.5528E-01	-.7429E+02	.4905E+02	.6888E+02
26	-.8329E+01	-.1574E+01	.1962E+00	-.8158E+02	.5188E+02	.7821E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3386E+02	.5703E+01	-.4991E+00	-.9500E+02	.7283E+02	.8582E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2252E+03	-.4807E+02	.8172E+01	-.1137E+03	.2040E+03	.1337E+03
40	-.2326E+03	-.4554E+02	.5970E+01	-.1095E+03	.2010E+03	.1231E+03
41	-.2359E+03	-.3954E+02	.1312E+01	-.9711E+02	.1819E+03	.1073E+03
42	-.8219E+02	-.1148E+02	-.1809E+01	-.8586E+02	.1273E+03	.9389E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9157E+03	.1285E+03	.5579E+01	-.2838E+02	.2165E+03	-.6126E+02
48	.8037E+03	.1104E+03	.6022E+01	-.2511E+02	.2031E+03	-.4422E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.9226E+03	.1402E+03	.4409E+01	.6512E+02	.1567E+03	-.2014E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3716E+01	.1533E+01	.8034E+00	-.1770E+02	.2136E+03	-.5741E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.6288E+03	.9532E+02	.4344E+01	.4647E+02	.1260E+03	-.1908E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.4373E+03	.6653E+02	.5793E+01	.4371E+02	.1169E+03	-.1856E+03
66	.1373E+03	.2134E+02	.7237E+01	.4893E+02	.9514E+02	-.1938E+03
67	-.3235E+03	-.4796E+02	.7150E+01	.4711E+02	.7192E+02	-.1939E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.5745E+03	-.8602E+02	.5887E+01	.2350E+02	.5156E+02	-.1842E+03
76	.4382E+02	.9902E+01	.3806E+01	.1882E+02	.2637E+02	-.1836E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2376E+03	-.3569E+02	.2628E+01	.1097E+02	-.2545E+01	-.1783E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1045E+03	.1543E+02	.1753E+01	-.8442E+00	-.1861E+02	-.1717E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1363E+03	-.2085E+02	.1539E+01	.3373E+01	-.4173E+02	-.1593E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1020E+03	.1477E+02	.1309E+01	.2854E+01	-.5427E+02	-.1460E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1135E+03	-.1775E+02	.1334E+01	.3327E+00	-.7400E+02	-.1307E+03
109	.6905E+02	.9535E+01	.1036E+01	-.3431E+01	-.8535E+02	-.1133E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.9215E+02	-.1479E+02	.9937E+00	.2159E+01	-.9906E+02	-.9282E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2281E+02	-.4434E+01	-.1602E-01	.4958E+01	-.1037E+03	-.7200E+02
115	-.2704E+02	-.5094E+01	-.3534E+00	.3814E+01	-.1028E+03	-.5223E+02
116	-.1149E+02	-.2854E+01	-.6198E+00	.4029E+01	-.1050E+03	-.3795E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2992E+02	-.5666E+01	-.8635E+00	.3253E+01	-.1063E+03	-.3474E+02
119	-.2498E+02	-.4826E+01	-.1153E+01	.7790E+01	-.9662E+02	-.1803E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.6227E+02	-.7896E+01	-.3537E+01	.4973E+01	-.8257E+02	-.8266E+01
122	-.4098E+02	-.3211E+01	-.5955E+01	-.1141E+01	-.7895E+02	-.9777E+01
123	-.3710E+02	-.1948E+01	-.5432E+01	-.3060E+00	-.6871E+02	-.8774E+01
124	-.2615E+02	-.1269E+01	-.3767E+01	.2500E+00	-.5635E+02	-.7965E+01
125	-.1663E+02	-.4820E+00	-.2784E+01	.7037E+00	-.4633E+02	-.7197E+01
126	-.4316E+01	.1404E+01	-.2592E+01	.1287E+01	-.3859E+02	-.6375E+01
127	.4489E+01	.2861E+01	-.2621E+01	.1642E+01	-.3259E+02	-.5345E+01
128	.1346E+02	.4029E+01	-.2496E+01	.2545E+01	-.2045E+02	-.4182E+01
129	.1332E+02	.3438E+01	-.2099E+01	.2868E+01	-.1085E+02	-.3182E+01
130	.9045E+01	.2066E+01	-.1541E+01	.2789E+01	-.3993E+01	-.2511E+01
131	.2360E+01	.3710E+00	-.1064E+01	.2364E+01	-.5697E+00	-.2110E+01
132	-.2205E+00	-.1675E+00	-.7895E+00	.1673E+01	-.1110E+01	-.1848E+01
133	-.5260E+00	-.1563E+00	-.7220E+00	.1212E+01	-.1769E+01	-.1572E+01
134	-.1350E+00	-.4021E-01	-.7211E+00	.9294E+00	-.1596E+01	-.1243E+01
135	.1175E-01	.2482E-03	-.8081E+00	.6973E+00	-.1123E+01	-.9166E+00
136	-.9643E-02	-.5485E-02	-.1080E+01	.4747E+00	-.7288E+00	-.6101E+00
137	.2616E-01	.8870E-02	-.1731E+01	.2931E+00	-.3220E+00	-.3315E+00
138	-.2700E-01	-.4247E-01	-.3199E+02	.1458E+00	.7114E-01	-.1544E+00
139	-.2009E-01	-.4712E-01	.1849E+02	.2824E-01	-.3592E-01	.2742E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.31554E-03	.95475E-05	-.29652E-03	.00000E+00

	.86062E-03	.20359E-05	-.88699E-03	.00000E+00
	.10502E-02	-.12513E-04	-.11334E-02	.00000E+00
5	.13753E-02	.34627E-04	-.13767E-02	.00000E+00
6	.19921E-02	-.10333E-04	-.19921E-02	-.42472E-05
7	.15295E-02	-.19775E-03	-.15593E-02	.00000E+00
8	.20042E-02	-.15570E-03	-.20100E-02	-.95986E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.32571E-03	-.62234E-04	-.34523E-03	.00000E+00
11	.96095E-03	-.13396E-03	-.98112E-03	.00000E+00
12	.12971E-02	-.19030E-03	-.12822E-02	.00000E+00
13	.15392E-02	-.15947E-03	-.15238E-02	.00000E+00
14	.20432E-02	-.25630E-03	-.20494E-02	-.25388E-05
15	.16773E-02	-.46977E-03	-.16606E-02	.00000E+00
16	.20919E-02	-.44987E-03	-.21157E-02	-.15916E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.40259E-03	-.16298E-03	-.39821E-03	.00000E+00
19	.10988E-02	-.36305E-03	-.10982E-02	.00000E+00
20	.14679E-02	-.46241E-03	-.14345E-02	.00000E+00
21	.16909E-02	-.43008E-03	-.16685E-02	.00000E+00
22	.21680E-02	-.55825E-03	-.22072E-02	-.32034E-05
23	.18923E-02	-.86663E-03	-.19484E-02	.00000E+00
24	.22473E-02	-.86331E-03	-.23279E-02	-.33011E-05
25	.22986E-02	-.94791E-03	-.24084E-02	-.17910E-05
26	.23281E-02	-.10155E-02	-.24561E-02	-.71461E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.61515E-03	-.33026E-03	-.53214E-03	.00000E+00
29	.14267E-02	-.75098E-03	-.13363E-02	.00000E+00
30	.16435E-02	-.93354E-03	-.16723E-02	.00000E+00
31	.18755E-02	-.10355E-02	-.19948E-02	.00000E+00
32	.23629E-02	-.11940E-02	-.25097E-02	-.85932E-05
33	.19388E-02	-.12570E-02	-.20222E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.71823E-03	-.37668E-03	-.58580E-03	.00000E+00
36	.16099E-02	-.92026E-03	-.15122E-02	.00000E+00
37	.17671E-02	-.10544E-02	-.17055E-02	.00000E+00
38	.21067E-02	-.14133E-02	-.21713E-02	.00000E+00
39	.23631E-02	-.16987E-02	-.25781E-02	-.79081E-05
40	.23546E-02	-.15794E-02	-.25599E-02	-.11441E-04
41	.23460E-02	-.14473E-02	-.25428E-02	-.12162E-04
42	.23595E-02	-.13064E-02	-.25299E-02	-.11000E-04
43	.22006E-02	-.12363E-02	-.20696E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.11359E-02	-.43361E-03	-.85367E-03	.00000E+00
46	.21591E-02	-.95214E-03	-.19083E-02	.00000E+00
47	.23676E-02	-.17286E-02	-.25851E-02	-.27939E-05
48	.23657E-02	-.17133E-02	-.25841E-02	-.60835E-05
49	.21278E-02	-.14108E-02	-.21603E-02	.00000E+00
50	.24182E-02	-.17232E-02	-.26164E-02	-.11097E-04
51	.24971E-02	-.14455E-02	-.23644E-02	.00000E+00
52	.27628E-02	-.16145E-02	-.27142E-02	.00000E+00
53	.23713E-02	-.17237E-02	-.25890E-02	.19913E-05
54	.24458E-02	-.10590E-02	-.22111E-02	.00000E+00
55	.27155E-02	-.11901E-02	-.26462E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.11625E-02	-.32254E-04	-.11115E-02	.00000E+00
58	.25288E-02	-.29756E-03	-.24755E-02	.00000E+00
59	.30667E-02	-.14482E-02	-.30692E-02	.00000E+00
60	.28821E-02	-.15601E-02	-.28086E-02	.00000E+00
61	.24582E-02	-.17288E-02	-.26352E-02	-.15294E-04
62	.28257E-02	-.60553E-03	-.30186E-02	.00000E+00
63	.30439E-02	-.83496E-03	-.29988E-02	.00000E+00
64	.28253E-02	-.16459E-02	-.27837E-02	.00000E+00
65	.25086E-02	-.17336E-02	-.26534E-02	-.19101E-04
66	.26272E-02	-.17433E-02	-.26903E-02	-.20827E-04

67	.27485E-02	-.17549E-02	-.27288E-02	-.19059E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.10761E-02	-.12514E-03	-.11836E-02	.00000E+00
70	.30152E-02	-.40290E-03	-.37995E-02	.00000E+00
71	.35337E-02	-.10417E-02	-.38958E-02	.00000E+00
72	.29642E-02	-.16571E-02	-.28963E-02	.00000E+00
73	.37450E-02	-.50181E-03	-.53998E-02	.00000E+00
74	.31453E-02	-.17440E-02	-.30615E-02	.00000E+00
75	.28436E-02	-.17539E-02	-.27660E-02	-.13434E-04
76	.29644E-02	-.17916E-02	-.28185E-02	-.81109E-05
77	.39597E-02	-.73229E-03	-.53243E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.14496E-02	-.80270E-04	-.20236E-02	.00000E+00
80	.33029E-02	-.22220E-03	-.45412E-02	.00000E+00
81	.37069E-02	-.32373E-03	-.52998E-02	.00000E+00
82	.38584E-02	-.47756E-03	-.47965E-02	.00000E+00
83	.39349E-02	-.12198E-02	-.45570E-02	.00000E+00
84	.44670E-02	-.80248E-03	-.58412E-02	.00000E+00
85	.30878E-02	-.18059E-02	-.29070E-02	-.59629E-05
86	.32694E-02	-.18292E-02	-.30491E-02	.00000E+00
87	.44523E-02	-.55432E-03	-.63240E-02	.00000E+00
88	.35425E-02	-.15476E-02	-.39064E-02	.00000E+00
89	.31505E-02	-.18258E-02	-.29800E-02	-.44272E-05
90	.48260E-02	-.17271E-04	-.96639E-02	.00000E+00
91	.48945E-02	-.97518E-05	-.95699E-02	.00000E+00
92	.49349E-02	.14914E-04	-.97504E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.24842E-02	.00000E+00	-.49123E-02	.00000E+00
95	.42917E-02	.00000E+00	-.86697E-02	.00000E+00
96	.46897E-02	.00000E+00	-.94864E-02	.00000E+00
97	.49889E-02	.00000E+00	-.10133E-01	.00000E+00
98	.50890E-02	.00000E+00	-.10179E-01	.00000E+00
99	.50512E-02	.72941E-04	-.10419E-01	.00000E+00
100	.46719E-02	-.11357E-03	-.85891E-02	.00000E+00
101	.43748E-02	-.69575E-03	-.63153E-02	.00000E+00
102	.32829E-02	-.18604E-02	-.31038E-02	-.43207E-05
103	.41504E-02	-.12812E-02	-.50604E-02	.00000E+00
104	.34312E-02	-.19114E-02	-.32678E-02	.00000E+00
105	.33692E-02	-.18935E-02	-.32157E-02	-.46140E-05
106	.40790E-02	-.15594E-02	-.46966E-02	.00000E+00
107	.36671E-02	-.19386E-02	-.36453E-02	.00000E+00
108	.35011E-02	-.19107E-02	-.33396E-02	-.45192E-05
109	.35791E-02	-.19300E-02	-.34464E-02	-.38441E-05
110	.39297E-02	-.17035E-02	-.49539E-02	.00000E+00
111	.38055E-02	-.20099E-02	-.39385E-02	.00000E+00
112	.36766E-02	-.19509E-02	-.35680E-02	-.32654E-05
113	.38365E-02	-.17686E-02	-.46124E-02	.00000E+00
114	.37305E-02	-.19612E-02	-.36643E-02	-.23210E-05
115	.37931E-02	-.19747E-02	-.37758E-02	-.20378E-05
116	.38351E-02	-.19721E-02	-.38691E-02	-.24586E-05
117	.38491E-02	-.20826E-02	-.38747E-02	.00000E+00
118	.38709E-02	-.19748E-02	-.39193E-02	-.33093E-05
119	.38389E-02	-.19781E-02	-.40026E-02	-.33884E-05
120	.38459E-02	-.20328E-02	-.41065E-02	.00000E+00
121	.40172E-02	-.19719E-02	-.40928E-02	-.31509E-05
122	.40237E-02	-.19484E-02	-.40994E-02	-.31599E-05
123	.40319E-02	-.19293E-02	-.41084E-02	-.32395E-05
124	.40405E-02	-.19095E-02	-.41173E-02	-.33936E-05
125	.40510E-02	-.18884E-02	-.41278E-02	-.36644E-05
126	.40708E-02	-.18495E-02	-.41456E-02	-.41514E-05
127	.40925E-02	-.18065E-02	-.41635E-02	-.44771E-05
128	.41404E-02	-.17049E-02	-.42003E-02	-.47355E-05
	.41864E-02	-.16010E-02	-.42350E-02	.47129E-05
	.42355E-02	-.14313E-02	-.42731E-02	.45189E-05

	.43042E-02	-.12712E-02	-.43308E-02	[illegible]0264E-05
132	.43601E-02	-.11124E-02	-.43803E-02	[illegible]39733E-05
133	.44090E-02	-.93076E-03	-.44229E-02	-.40204E-05
134	.44474E-02	-.75171E-03	-.44567E-02	-.39364E-05
135	.44777E-02	-.57281E-03	-.44831E-02	-.39914E-05
136	.45002E-02	-.39189E-03	-.45027E-02	-.39906E-05
137	.45132E-02	-.21556E-03	-.45139E-02	-.39867E-05
138	.45218E-02	-.31533E-04	-.45218E-02	-.39469E-05
139	.45218E-02	-.39366E-05	-.45218E-02	-.39379E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9000E+00

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-9.08E-03	-1.63E-02	-9.14E-03	3.64E-02	-2.61E-03	-3.66E-02	2.39E-02	-4.93E-02	42.18	-9.08E-03	3.64E-02
	-303.00	3.53E-08	-2.92E-07	3.30E-08	3.31E-06	-2.37E-07	-3.33E-06	1.54E-06	-1.79E-06			
2	72.00	3.73E-03	-1.51E-02	-7.52E-03	6.47E-02	-4.78E-03	-6.85E-02	5.98E-02	-7.11E-02	40.87	3.73E-03	6.47E-02
	-213.00	4.15E-07	-4.40E-07	-9.68E-08	5.89E-06	-4.34E-07	-6.23E-06	2.96E-06	-2.99E-06			
3	72.00	5.37E-02	-1.91E-02	-4.67E-03	7.62E-02	-1.28E-02	-7.48E-02	1.02E-01	-6.72E-02	32.25	5.37E-02	7.62E-02
	-138.00	1.06E-06	-5.91E-07	-2.63E-07	3.47E-06	-5.81E-07	-3.40E-06	2.16E-06	-1.68E-06			
4	24.00	5.92E-03	-8.36E-02	-9.66E-02	1.77E-01	-9.56E-03	-1.91E-01	1.44E-01	-2.21E-01	37.90	5.92E-03	1.77E-01
	-68.00	2.14E-06	-1.30E-06	-1.80E-06	1.36E-05	-7.35E-07	-1.47E-05	7.44E-06	-6.60E-06			
5	72.00	8.23E-02	5.34E-02	5.67E-02	4.69E-02	-2.72E-03	-5.57E-02	1.17E-01	1.87E-02	36.44	5.34E-02	-4.69E-02
	-88.00	1.05E-06	-6.12E-08	6.80E-08	3.61E-06	-2.09E-07	-4.28E-06	2.38E-06	-1.39E-06			
6	120.00	6.40E-02	8.61E-02	6.15E-02	1.68E-01	5.86E-03	-1.44E-01	2.43E-01	-9.31E-02	46.89	2.42E-01	-1.94E-02
	-68.00	1.35E-07	9.87E-07	4.08E-08	1.29E-05	4.51E-07	-1.11E-05	7.03E-06	-5.91E-06			
7	36.25	7.30E-02	4.08E-02	3.63E-02	8.80E-02	-1.49E-02	-9.06E-02	1.46E-01	-3.25E-02	39.81	7.00E-02	8.85E-02
	-19.00	1.16E-06	-7.99E-08	-2.55E-07	6.77E-06	-1.14E-06	-6.97E-06	3.98E-06	-2.90E-06			
8	108.00	-3.59E-03	-2.58E-02	-1.40E-02	1.04E-01	4.38E-04	-8.64E-02	8.95E-02	-1.19E-01	41.94	-3.59E-03	1.04E-01
	-19.00	3.38E-07	-5.15E-07	-6.13E-08	7.97E-06	3.37E-08	-6.65E-06	3.92E-06	-4.10E-06			
9	216.00	-3.82E-02	-7.16E-02	-4.45E-02	4.07E-02	-1.83E-03	-4.26E-02	-1.09E-02	-9.89E-02	33.84	-3.82E-02	4.07E-02
	-303.00	2.67E-07	-1.25E-06	-1.75E-08	3.70E-06	-1.66E-07	-3.87E-06	1.51E-06	-2.49E-06			
10	216.00	-2.23E-02	-7.20E-02	-3.86E-02	6.91E-02	-6.17E-03	-7.24E-02	2.62E-02	-1.21E-01	35.09	-2.23E-02	6.91E-02
	-213.00	7.14E-07	-1.55E-06	-2.98E-08	6.28E-06	-5.61E-07	-6.58E-06	2.92E-06	-3.75E-06			
11	216.00	4.29E-02	-5.90E-02	-3.00E-03	8.70E-02	-2.13E-02	-8.74E-02	9.28E-02	-1.09E-01	29.82	4.29E-02	8.70E-02
	-138.00	1.08E-06	-1.24E-06	3.20E-08	3.95E-06	-9.67E-07	-3.97E-06	2.21E-06	-2.37E-06			
12	168.00	-3.77E-02	-1.82E-01	-9.68E-02	1.38E-01	-2.51E-02	-1.72E-01	4.57E-02	-2.65E-01	31.19	-3.77E-02	1.38E-01
	-68.00	1.92E-06	-3.63E-06	2.91E-08	1.06E-05	-1.93E-06	-1.32E-05	5.13E-06	-6.84E-06			
13	216.00	8.09E-02	4.87E-02	5.75E-02	1.96E-02	-9.11E-03	-4.56E-02	9.02E-02	3.94E-02	25.27	4.87E-02	-1.96E-02
	-88.00	1.06E-06	-1.84E-07	1.54E-07	1.51E-06	-7.01E-07	-3.51E-06	1.41E-06	-5.40E-07			
14	264.00	7.09E-02	9.08E-02	6.93E-02	1.49E-01	-3.06E-03	-1.28E-01	2.30E-01	-6.86E-02	46.91	2.29E-01	-1.71E-02
	-68.00	1.88E-07	9.55E-07	1.26E-07	1.15E-05	-2.35E-07	-9.81E-06	6.32E-06	-5.18E-06			
15	180.00	6.68E-02	1.59E-02	3.32E-02	5.75E-02	-1.84E-02	-8.58E-02	1.04E-01	-2.15E-02	33.04	6.68E-02	5.75E-02
	-19.00	1.30E-06	-6.63E-07	2.85E-09	4.42E-06	-1.41E-06	-6.60E-06	2.73E-06	-2.10E-06			
16	252.00	-1.24E-03	-4.17E-02	-1.80E-02	9.37E-02	-8.67E-03	-8.68E-02	7.44E-02	-1.17E-01	38.91	-1.24E-03	9.37E-02
	-19.00	6.22E-07	-9.33E-07	-2.38E-08	7.21E-06	-6.67E-07	-6.68E-06	3.53E-06	-3.84E-06			
17	361.00	-6.99E-02	-1.46E-01	-8.45E-02	5.59E-02	-5.71E-03	-5.31E-02	-4.03E-02	-1.76E-01	27.84	-6.99E-02	5.59E-02
	-303.00	7.28E-07	-2.74E-06	6.05E-08	5.08E-06	-5.19E-07	-4.83E-06	2.07E-06	-4.08E-06			
18	361.00	-2.58E-02	-1.43E-01	-6.38E-02	7.15E-02	-1.54E-02	-7.96E-02	7.98E-03	-1.77E-01	25.30	-2.58E-02	7.15E-02
	-213.00	1.85E-06	-3.49E-06	1.24E-07	6.50E-06	-1.40E-06	-7.24E-06	3.39E-06	-5.02E-06			
19	361.00	5.93E-02	-1.17E-01	-1.37E-02	4.32E-02	-3.73E-02	-8.49E-02	6.93E-02	-1.27E-01	13.03	5.93E-02	4.32E-02
	-138.00	1.72E-06	-2.29E-06	5.62E-08	1.96E-06	-1.70E-06	-3.86E-06	1.95E-06	-2.52E-06			
20	312.00	-7.04E-02	-2.50E-01	-1.40E-01	1.10E-01	-5.19E-02	-1.93E-01	-2.50E-02	-3.36E-01	22.47	-7.04E-02	1.10E-01
	-68.00	2.80E-06	-5.66E-06	1.07E-07	8.44E-06	-3.49E-06	-1.49E-05	4.54E-06	-7.41E-06			
21	360.67	1.32E-01	1.54E-01	1.11E-01	-8.84E-03	-1.67E-02	-5.64E-02	1.57E-01	1.28E-01	-70.77	1.54E-01	8.84E-03
	-88.00	7.01E-07	1.56E-06	-7.99E-08	-6.80E-07	-1.29E-06	-4.34E-06	1.68E-06	5.83E-07			
22	409.33	-1.40E-01	-1.94E-01	-1.36E-01	1.25E-01	-7.25E-03	-1.70E-01	-3.93E-02	-2.94E-01	38.95	-5.03E-02	-5.20E-02
	-68.00	-2.27E-07	-1.28E-06	-7.04E-08	9.60E-06	-5.57E-07	-1.31E-05	3.65E-06	-6.16E-06			
23	324.00	9.00E-02	1.13E-02	3.62E-02	2.63E-02	-3.46E-02	-7.57E-02	9.79E-02	3.30E-03	16.88	9.00E-02	2.63E-02
	-19.00	1.95E-06	-1.08E-06	-1.19E-07	2.02E-06	-2.66E-06	-5.82E-06	2.26E-06	-1.38E-06			
24	372.00	3.65E-02	-3.40E-02	-4.49E-03	2.20E-01	-2.71E-02	-2.43E-01	2.24E-01	-2.21E-01	40.44	3.65E-02	2.20E-01

	-9.33	1.43E-06	-1.29E-06	-1.51E-07	1.69E-05	-2.08E-06	-1.87E-05	8.63E-06	-8.45E-06				
25	401.25	1.11E-02	-2.53E-03	-5.05E-03	6.00E-02	-1.34E-02	-6.95E-02	6.47E-02	-5.61E-02	41.74	-4.64E-02	3.28E-02	
	-19.00	4.00E-07	-1.28E-07	-2.47E-07	4.61E-06	-1.03E-06	-5.34E-06	2.46E-06	-2.19E-06				
26	427.67	-1.38E-01	-3.19E-01	-1.93E-01	1.98E-01	-3.30E-02	-3.03E-01	-1.05E-02	-4.46E-01	32.72	-3.81E-02	1.06E-01	
	-9.33	1.83E-06	-5.12E-06	-2.79E-07	1.52E-05	-2.54E-06	-2.33E-05	6.72E-06	-1.00E-05				
27	457.00	-9.37E-02	-2.05E-01	-1.14E-01	7.59E-02	-7.71E-03	-6.41E-02	-5.51E-02	-2.43E-01	26.91	-9.37E-02	7.59E-02	
	-303.00	1.12E-06	-3.93E-06	1.18E-07	6.90E-06	-7.01E-07	-5.52E-06	2.87E-06	-5.66E-06				
28	457.00	-2.06E-02	-2.07E-01	-9.42E-02	7.83E-02	-2.99E-02	-5.14E-02	7.85E-03	-2.35E-01	20.02	-2.06E-02	7.83E-02	
	-213.00	3.11E-06	-5.36E-06	2.21E-07	7.12E-06	-2.72E-06	-8.31E-06	4.41E-06	-6.65E-06				
29	457.00	1.74E-01	-8.92E-02	3.22E-02	-8.17E-04	-5.27E-02	-5.30E-02	1.74E-01	-8.92E-02	-.18	1.74E-01	-8.17E-04	
	-138.00	3.33E-06	-2.64E-06	1.21E-07	-3.71E-08	-2.39E-06	-2.41E-06	3.33E-06	-2.64E-06				
30	442.00	-2.55E-01	-5.52E-01	-3.25E-01	4.45E-02	-1.40E-02	-1.88E-01	-2.48E-01	-5.58E-01	8.34	-2.55E-01	4.45E-02	
	-68.00	2.64E-06	-8.79E-06	-6.52E-08	3.43E-06	-1.07E-06	-1.45E-05	2.89E-06	-9.04E-06				
31	457.33	-1.28E-01	-3.02E-01	-1.67E-01	4.44E-02	6.90E-02	-7.41E-02	-1.17E-01	-3.13E-01	13.53	-3.02E-01	-4.44E-02	
	-88.00	1.64E-06	-5.05E-06	1.35E-07	3.42E-06	5.30E-06	-5.70E-06	2.05E-06	-5.46E-06				
32	472.67	-1.96E-01	-7.93E-01	-3.91E-01	9.21E-02	-8.98E-02	-2.41E-01	-1.82E-01	-8.07E-01	8.57	-2.07E-01	-1.23E-01	
	-68.00	7.63E-06	-1.53E-05	1.30E-07	7.08E-06	-6.91E-06	-1.86E-05	8.17E-06	-1.59E-05				
33	443.00	-7.32E-03	-1.32E-01	-6.65E-02	-1.71E-02	-2.23E-02	-8.43E-02	-5.03E-03	-1.35E-01	-7.64	-7.32E-03	-1.71E-02	
	-19.50	1.98E-06	-2.82E-06	-2.93E-07	-1.31E-06	-1.72E-06	-6.48E-06	2.07E-06	-2.91E-06				
34	454.00	-2.14E-01	-4.91E-01	-2.88E-01	1.27E-01	-7.37E-02	-3.37E-01	-1.64E-01	-5.40E-01	21.31	-1.74E-01	5.95E-02	
	-11.33	2.69E-06	-7.96E-06	-1.84E-07	9.80E-06	-5.67E-06	-2.59E-05	4.60E-06	-9.67E-06				
35	461.67	-6.25E-01	-9.84E-01	-6.50E-01	1.40E-01	-1.78E-02	-3.45E-01	-5.77E-01	-1.03E+00	18.99	-6.25E-01	1.40E-01	
	-12.00	7.81E-07	-1.30E-05	-1.81E-07	1.08E-05	-1.37E-06	-2.65E-05	2.64E-06	-1.49E-05				
36	469.00	6.47E-02	-1.59E-01	-4.28E-02	2.98E-03	5.51E-02	-1.01E-01	6.47E-02	-1.59E-01	.76	-1.59E-01	-2.98E-03	
	-30.00	4.00E-06	-4.61E-06	-1.38E-07	2.29E-07	4.24E-06	-7.78E-06	4.00E-06	-4.61E-06				
37	476.33	-6.37E-01	-1.00E+00	-6.61E-01	5.39E-02	-1.98E-02	-2.51E-01	-6.30E-01	-1.01E+00	8.22	-6.31E-01	-2.18E-02	
	-12.00	7.70E-07	-1.33E-05	-1.36E-07	4.15E-06	-1.52E-06	-1.93E-05	1.07E-06	-1.36E-05				
38	558.50	-1.02E-01	-2.30E-01	-1.27E-01	1.11E-01	-1.14E-02	-6.40E-02	-3.78E-02	-2.95E-01	30.02	-1.02E-01	1.11E-01	
	-303.00	1.33E-06	-4.50E-06	1.86E-07	1.01E-05	-1.04E-06	-7.63E-06	4.25E-06	-7.43E-06				
39	558.50	-4.14E-02	-2.39E-01	-1.02E-01	1.14E-01	-2.70E-02	-1.08E-01	1.06E-02	-2.91E-01	24.54	-4.14E-02	1.14E-01	
	-213.00	3.08E-06	-5.90E-06	3.42E-07	1.04E-05	-2.46E-06	-9.80E-06	5.44E-06	-8.26E-06				
40	506.17	1.10E-01	-5.61E-01	-1.24E-01	2.81E-01	-1.06E-01	-3.06E-01	2.12E-01	-6.63E-01	19.96	1.10E-01	2.81E-01	
	-128.00	5.52E-06	-9.74E-06	1.93E-07	1.28E-05	-4.83E-06	-1.39E-05	7.84E-06	-1.21E-05				
41	558.50	2.99E-01	-3.10E-01	2.23E-02	5.37E-02	-9.83E-02	-5.12E-02	3.03E-01	-3.15E-01	5.00	-3.10E-01	-5.37E-02	
	-148.00	6.73E-06	-7.10E-06	4.49E-07	2.44E-06	-4.47E-06	-2.33E-06	6.84E-06	-7.21E-06				
42	610.83	-1.98E-02	-5.22E-01	-1.39E-01	2.75E-01	-4.87E-02	-2.47E-01	1.02E-01	-6.44E-01	23.80	-7.14E-02	-3.15E-01	
	-128.00	3.12E-06	-8.30E-06	4.10E-07	1.25E-05	-2.21E-06	-1.12E-05	5.88E-06	-1.11E-05				
43	501.38	9.76E-02	-1.66E-01	-2.58E-02	4.61E-02	-3.74E-02	-4.91E-02	1.05E-01	-1.74E-01	9.62	9.76E-02	4.61E-02	
	-78.00	4.79E-06	-5.34E-06	4.76E-08	3.54E-06	-2.88E-06	-3.77E-06	5.09E-06	-5.66E-06				
44	534.67	-9.83E-02	-4.89E-01	-2.26E-01	1.06E-01	-4.03E-02	-1.17E-01	-7.12E-02	-5.17E-01	14.27	-2.23E-01	-2.11E-01	
	-68.00	5.16E-06	-9.88E-06	2.45E-07	8.19E-06	-3.10E-06	-9.03E-06	6.21E-06	-1.09E-05				
45	584.67	-9.32E-02	-3.26E-01	-1.60E-01	2.82E-01	-4.96E-02	-2.25E-01	9.59E-02	-5.15E-01	33.79	-9.32E-02	2.82E-01	
	-68.00	2.78E-06	-6.19E-06	2.24E-07	2.17E-05	-3.81E-06	-1.73E-05	1.01E-05	-1.35E-05				
46	610.83	-1.40E-01	-4.03E-01	-2.03E-01	1.44E-01	2.02E-02	-1.35E-01	-7.65E-02	-4.66E-01	23.82	-4.03E-01	-1.44E-01	
	-88.00	2.81E-06	-7.29E-06	3.84E-07	1.11E-05	1.55E-06	-1.04E-05	5.26E-06	-9.74E-06				
47	482.63	-1.36E-01	-3.21E-01	-1.97E-01	2.50E-02	6.27E-03	-5.80E-02	-1.32E-01	-3.34E-01	7.19	-1.36E-01	2.50E-02	
	-21.00	2.07E-06	-5.44E-06	-2.75E-07	1.92E-06	4.82E-07	-4.46E-06	2.19E-06	-5.56E-06				
48	485.83	-8.64E-01	-1.33E+00	-8.80E-01	1.16E-01	-2.99E-03	-2.69E-01	-8.37E-01	-1.36E+00	13.24	-8.51E-01	8.50E-02	
	-12.00	5.46E-07	-1.74E-05	-6.68E-08	8.92E-06	-2.30E-07	-2.07E-05	1.60E-06	-1.84E-05				
49	507.88	-2.04E-02	-2.60E-01	-1.18E-01	3.69E-02	-2.44E-02	-5.24E-02	-1.48E-02	-2.66E-01	8.55	-2.04E-02	3.69E-02	
	-21.00	3.40E-06	-5.63E-06	-1.65E-07	2.84E-06	-1.87E-06	-4.03E-06	3.81E-06	-5.84E-06				
50	538.67	-6.10E-02	-4.81E-01	-2.08E-01	1.25E-01	-1.04E-02	-1.65E-01	-2.66E-02	-5.16E-01	15.39	-1.67E-01	-2.21E-01	
	-10.00	5.90E-06	-1.03E-05	2.46E-07	9.63E-06	-7.98E-07	-1.27E-05	7.23E-06	-1.16E-05				
51	484.67	-1.15E+00	-8.47E-01	-8.16E-01	-1.95E-02	1.15E-01	-2.38E-02	-8.46E-01	-1.15E+00	-86.35	-8.47E-01	1.95E-02	
	8.00	-1.34E-05	-1.65E-06	-4.49E-07	-1.50E-06	8.81E-06	-1.83E-06	-1.60E-06	-1.34E-05				
52	507.00	4.62E-01	5.91E-01	3.71E-01	2.98E-01	-9.14E-03	-6.60E-02	7.75E-01	1.79E-01	46.39	7.29E-01	1.59E-01	
	0.00	3.23E-06	4.34E-06	-2.88E-07	2.29E-05	-7.03E-07	-5.08E-06	1.52E-05	-7.69E-06				
53	602.00	5.21E-02	-1.18E-01	-2.24E-02	1.08E-01	-5.38E-02	-5.44E-02	1.04E-01	-1.70E-01	25.79	-3.35E-02	1.37E-01	
	-18.00	2.98E-06	-3.58E-06	1.13E-07	8.27E-06	-4.14E-06	-4.18E-06	4.98E-06	-5.58E-06				
54	712.00	-1.03E-01	-1.62E-01	-1.02E-01	1.55E-01	-1.07E-02	-1.18E-01	2.56E-02	-2.90E-01	39.63	-1.03E-01	1.55E-01	
	-303.00	8.90E-08	-2.59E-06	1.17E-07	1.41E-05	-9.76E-07	-1.08E-05	5.93E-06	-8.43E-06				
55	712.0[illegible]	9.45E-02	-2.19E-01	-1.19E-01	1.85E-01	-3.27E-02	[illegible]41E-01	3.80E-02	-3.52E-01	35.66	-9.45E-02	1.85E-[illegible]	
	-213.[illegible]	[illegible]0.32E-06	-4.35E-06	2.24E-07	1.68E-05	-2.97E-06	[illegible]8E-05	7.35E-06	-1.04E-05				
56	71[illegible]	[illegible]8.24E-02	-1.80E-01	-2.23E-02	1.88E-01	-1.03E-01	[illegible]8E-01	1.81E-01	-2.78E-01	27.58	8.24E-02	1.[illegible]	

	-138.00	[illegible]50E-06	-3.46E-06	1.21E-07	8.56E-06	-4.70E-06	[illegible]-06	4.73E-06	-5.69E-06				
57	712.00	[illegible].12E-02	-1.08E-01	-2.88E-02	8.79E-02	-5.10E-02	[illegible]-02	7.37E-02	-1.51E-01	25.80	3.12E-02	8.79E-	
	-78.00	2.36E-06	-3.60E-06	5.40E-08	6.76E-06	-3.92E-06	-2.17E-06	3.95E-06	-4.63E-06				
58	712.00	4.17E-04	-1.69E-01	-7.06E-02	1.24E-01	-5.00E-02	-1.22E-01	6.58E-02	-2.35E-01	27.80	4.17E-04	1.24E-01	
	-18.00	2.65E-06	-3.88E-06	-8.79E-08	9.54E-06	-3.84E-06	-9.41E-06	5.17E-06	-6.40E-06				
59	837.00	-5.27E-01	-3.6[illegible]E-01	-3.57E-01	1.44E-01	8.15E-02	-1.36E-01	-2.80E-01	-6.12E-01	59.69	-3.65E-01	-1.44E-01	
	-318.00	-7.75E-06	-3.58E-07	.00E+00	1.31E-05	7.41E-06	-1.24E-05	3.48E-06	-1.16E-05				
60	887.00	-1.76E-01	-2.33E-01	-1.65E-01	3.98E-01	-5.29E-03	-4.25E-01	1.95E-01	-6.04E-01	62.98	1.34E-01	-2.12E-01	
	-288.00	-5.77E-07	-3.14E-06	.00E+00	3.62E-05	-4.81E-07	-3.87E-05	1.63E-05	-2.00E-05				
61	987.00	2.71E-03	-1.33E-01	-5.21E-02	4.43E-01	-6.16E-02	-5.37E-01	3.84E-01	-5.14E-01	40.65	2.71E-03	4.43E-01	
	-288.00	2.49E-06	-3.67E-06	.00E+00	4.03E-05	-5.60E-06	-4.88E-05	1.98E-05	-2.10E-05				
62	1037.00	-7.16E-01	-5.43E-01	-5.04E-01	3.60E-01	1.48E-01	-4.95E-01	-2.59E-01	-1.00E+00	51.77	-5.43E-01	-3.60E-01	
	-318.00	-9.66E-06	-1.79E-06	.00E+00	3.27E-05	1.35E-05	-4.50E-05	1.11E-05	-2.26E-05				
63	862.00	-5.48E-02	-1.51E-01	-8.92E-02	1.95E-01	-4.87E-02	-2.40E-01	9.79E-02	-3.03E-01	38.10	-5.48E-02	1.95E-01	
	-213.00	1.33E-06	-3.02E-06	-2.29E-07	1.77E-05	-4.43E-06	-2.19E-05	8.27E-06	-9.96E-06				
64	1012.00	-3.63E-03	-1.12E-01	-6.68E-02	2.37E-01	-5.06E-02	-3.11E-01	1.86E-01	-3.01E-01	38.58	-3.63E-03	2.37E-01	
	-213.00	2.20E-06	-2.72E-06	-6.68E-07	2.16E-05	-4.60E-06	-2.83E-05	1.08E-05	-1.13E-05				
65	837.00	3.96E-01	-1.70E-01	1.51E-02	1.08E-01	-4.82E-01	-1.89E-01	4.16E-01	-1.90E-01	10.40	-1.70E-01	-1.08E-01	
	-148.00	7.75E-06	-5.13E-06	-9.37E-07	4.89E-06	-2.19E-05	-8.57E-06	8.20E-06	-5.58E-06				
66	937.00	9.17E-02	-1.80E-01	-7.44E-02	2.96E-01	-1.49E-01	-3.86E-01	2.82E-01	-3.70E-01	32.69	6.19E-02	-3.08E-01	
	-128.00	2.94E-06	-3.24E-06	-8.37E-07	1.35E-05	-6.77E-06	-1.75E-05	7.26E-06	-7.56E-06				
67	1037.00	-5.36E-02	-2.40E-01	-1.56E-01	2.29E-01	-7.99E-02	-2.78E-01	1.00E-01	-3.94E-01	33.91	-2.40E-01	-2.29E-01	
	-148.00	1.14E-06	-3.10E-06	-1.19E-06	1.04E-05	-3.63E-06	-1.27E-05	4.64E-06	-6.59E-06				
68	837.00	4.48E-02	-2.31E-01	-8.27E-02	3.23E-01	-2.05E-01	-4.98E-01	2.58E-01	-4.44E-01	33.44	4.48E-02	3.23E-01	
	-68.00	4.67E-06	-5.92E-06	-2.30E-07	2.48E-05	-1.58E-05	-3.83E-05	1.29E-05	-1.41E-05				
69	937.00	1.36E-01	-1.25E-01	-5.74E-02	4.37E-02	-1.71E-01	-2.79E-02	1.43E-01	-1.32E-01	9.26	-1.25E-01	-4.37E-02	
	-88.00	5.75E-06	-4.30E-06	-1.70E-06	3.36E-06	-1.32E-05	-2.15E-06	6.02E-06	-4.56E-06				
70	1037.00	-4.05E-01	-6.35E-01	-4.72E-01	9.33E-02	7.23E-02	2.01E-01	-3.72E-01	-6.68E-01	19.58	-5.39E-01	-1.47E-01	
	-68.00	1.02E-06	-7.80E-06	-1.54E-06	7.18E-06	5.56E-06	1.54E-05	2.30E-06	-9.07E-06				
71	862.00	6.43E-02	-1.32E-01	-6.17E-02	1.08E-01	-1.54E-01	-7.73E-02	1.12E-01	-1.80E-01	23.96	6.43E-02	1.08E-01	
	-18.00	3.89E-06	-3.64E-06	-9.56E-07	8.35E-06	-1.18E-05	-5.94E-06	5.75E-06	-5.50E-06				
72	1012.00	-4.94E-02	-1.69E-01	-1.39E-01	9.64E-02	1.29E-03	-1.50E-01	4.32E-03	-2.22E-01	29.14	-4.94E-02	9.64E-02	
	-18.00	2.02E-06	-2.56E-06	-1.42E-06	7.41E-06	9.90E-08	-1.15E-05	4.09E-06	-4.63E-06				
73	1387.00	1.35E-02	-1.53E-02	-1.74E-02	2.41E-01	-2.05E-02	-4.24E-01	2.41E-01	-2.42E-01	43.29	1.35E-02	2.41E-01	
	-303.00	8.62E-07	-4.46E-07	-5.41E-07	2.19E-05	-1.87E-06	-3.85E-05	1.12E-05	-1.08E-05				
74	1387.00	-8.86E-03	-7.19E-02	-8.01E-02	2.27E-01	-4.72E-02	-3.83E-01	1.89E-01	-2.70E-01	41.05	-8.86E-03	2.27E-01	
	-213.00	1.69E-06	-1.18E-06	-1.55E-06	2.06E-05	-4.29E-06	-3.48E-05	1.07E-05	-1.02E-05				
75	1387.00	4.48E-02	-4.13E-02	-1.23E-01	1.58E-01	-1.05E-01	-2.86E-01	1.66E-01	-1.62E-01	37.40	4.48E-02	1.58E-01	
	-138.00	1.64E-06	-3.13E-07	-2.16E-06	7.20E-06	-4.77E-06	-1.30E-05	4.40E-06	-3.07E-06				
76	1187.00	1.86E-01	1.13E-01	7.07E-02	3.45E-01	-1.93E-01	-7.24E-01	4.97E-01	-1.98E-01	41.98	1.86E-01	3.45E-01	
	-68.00	3.09E-06	2.80E-07	-1.34E-06	2.66E-05	-1.49E-05	-5.57E-05	1.50E-05	-1.17E-05				
77	1387.00	3.55E-02	-5.50E-02	-1.34E-01	5.90E-02	-1.33E-01	-5.77E-02	6.46E-02	-8.40E-02	26.25	-5.50E-02	-5.90E-02	
	-88.00	3.05E-06	-4.32E-07	-3.46E-06	4.54E-06	-1.02E-05	-4.44E-06	4.17E-06	-1.55E-06				
78	1587.00	-1.30E-01	-1.51E-01	-2.22E-01	1.60E-01	1.90E-02	-3.19E-01	1.97E-02	-3.01E-01	43.07	-8.90E-02	-1.52E-01	
	-48.00	5.43E-07	-2.88E-07	-3.02E-06	1.23E-05	1.46E-06	-2.45E-05	6.29E-06	-6.04E-06				
79	1237.00	1.90E-02	-5.54E-02	-1.05E-01	8.92E-02	-1.44E-01	-1.53E-01	7.85E-02	-1.15E-01	33.69	1.90E-02	8.92E-02	
	-18.00	2.28E-06	-5.77E-07	-2.48E-06	6.86E-06	-1.10E-05	-1.17E-05	4.57E-06	-2.86E-06				
80	1433.80	2.80E-03	1.94E-02	-1.14E-01	8.61E-02	-3.48E-02	-1.23E-01	9.76E-02	-7.54E-02	47.75	2.80E-03	8.61E-02	
	-9.00	1.12E-06	1.75E-06	-3.37E-06	6.62E-06	-2.68E-06	-9.44E-06	4.76E-06	-1.89E-06				
81	1533.80	-1.21E-02	1.19E-02	-1.22E-01	2.04E-02	1.54E-02	-9.77E-02	2.36E-02	-2.38E-02	60.26	1.19E-02	-2.04E-02	
	-28.00	8.79E-07	1.80E-06	-3.35E-06	1.57E-06	1.18E-06	-7.51E-06	2.25E-06	4.31E-07				
82	1633.80	-8.20E-02	-5.66E-02	-1.70E-01	5.09E-02	6.05E-02	-8.20E-02	-1.69E-02	-1.22E-01	52.02	-2.62E-02	-2.99E-02	
	-8.00	2.37E-07	1.22E-06	-3.15E-06	3.91E-06	4.66E-06	-6.30E-06	2.74E-06	-1.29E-06				
83	1433.80	7.13E-02	5.37E-03	-1.06E-01	3.19E-02	-1.71E-01	-5.08E-02	8.42E-02	-7.54E-03	22.04	5.37E-03	-3.19E-02	
	27.60	3.06E-06	5.25E-07	-3.74E-06	2.45E-06	-1.31E-05	-3.91E-06	3.56E-06	2.82E-08				
84	1296.10	1.59E-02	-3.15E-02	-1.14E-01	3.29E-03	-1.24E-01	4.76E-02	1.62E-02	-3.18E-02	3.95	-2.97E-02	9.84E-03	
	40.70	2.03E-06	2.05E-07	-2.95E-06	2.53E-07	-9.53E-06	3.66E-06	2.04E-06	1.96E-07				
85	1148.60	2.27E-02	3.01E-02	-3.82E-02	8.57E-02	-1.03E-01	-3.36E-01	1.12E-01	-5.94E-02	46.24	1.08E-01	2.67E-02	
	57.33	7.12E-07	9.98E-07	-1.63E-06	6.59E-06	-7.91E-06	-2.59E-05	4.15E-06	-2.44E-06				
86	1131.40	6.93E-02	3.43E-02	-8.46E-02	7.60E-02	-3.06E-01	-6.29E-02	1.30E-01	-2.62E-02	38.53	3.43E-02	-7.60E-02	
	112.00	2.45E-06	1.11E-06	-3.46E-06	5.84E-06	-2.35E-05	-4.84E-06	4.78E-06	-1.22E-06				
87	1019.80	1.10E-02	-3.22E-01	-1.91E-01	3.00E-02	-1.91E-01	2.20E-01	1.37E-02	-3.24E-01	5.11	-3.22E-01	-3.00E-02	
	34.67	5.94E-06	-6.86E-06	-1.84E-06	2.31E-06	-1.47E-05	1.69E-05	6.04E-06	-6.96E-06				
88	886.60	-1.84E-02	-1.67E-01	-1.12E-01	8.29E-02	-7.85E-02	-3.21E-02	1.86E-02	-2.04E-01	24.04	-1.84E-02	8.29E-02	

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	46.00	2.56E-06	-3.16E-06	-1.04E-05	6.38E-06	-6.04E-06	-2.47E-06	3.99E-06	-4.59E-06				
89	869.80	2.85E-01	1.07E-01	9.93E-02	1.27E-01	-1.55E-01	-1.24E-01	3.51E-01	4.10E-02	27.52	1.07E-01	-1.27E-01	
	96.00	5.86E-06	-1.29E-06	-1.58E-06	9.79E-05	-1.19E-05	-9.56E-06	8.11E-06	-3.82E-06				
90	952.60	-6.96E-02	-1.01E-01	-1.57E-01	-3.03E-02	-4.25E-02	-1.17E-02	-6.24E-02	-1.98E-01	-13.24	-1.98E-01	5.45E-03	
	128.00	1.91E-06	-2.76E-06	-1.44E-06	-2.33E-06	-3.27E-06	-9.02E-07	2.19E-06	-3.04E-06				
91	869.80	7.19E-02	5.77E-02	1.39E-02	6.72E-02	-7.11E-02	-1.24E-01	1.32E-01	-2.80E-03	41.98	7.19E-02	6.72E-02	
	160.00	1.19E-06	6.43E-07	-1.08E-06	5.17E-06	-5.47E-06	-9.51E-06	3.52E-06	-1.68E-06				
92	869.80	1.18E-01	-3.56E-02	-4.61E-02	1.20E-01	-2.12E-01	-3.00E-02	1.84E-01	-1.01E-01	28.61	-3.56E-02	-1.20E-01	
	203.60	4.17E-06	-1.75E-06	-2.23E-06	9.20E-06	-1.63E-05	-2.31E-06	6.68E-06	-4.26E-06				
93	598.67	2.19E-01	-2.04E-01	5.81E-03	1.97E-01	-1.57E-01	-6.35E-02	2.90E-01	-2.75E-01	20.71	-2.04E-01	-1.87E-01	
	16.00	8.20E-06	-8.08E-06	-4.22E-09	1.44E-05	-1.21E-05	-4.89E-06	1.09E-05	-1.08E-05				
94	645.75	4.21E-02	-1.41E-01	-4.26E-02	1.29E-01	-6.72E-02	-8.23E-02	1.09E-01	-2.06E-01	27.34	4.21E-02	1.29E-01	
	24.00	3.17E-06	-3.67E-06	-8.44E-08	9.94E-06	-5.17E-06	-6.33E-06	5.74E-06	-6.44E-06				
95	613.10	2.60E-01	2.10E-01	1.93E-01	2.99E-01	-1.12E-01	-2.90E-01	5.35E-01	-6.44E-02	42.63	2.60E-01	2.99E-01	
	69.33	2.71E-06	8.06E-07	1.28E-07	2.30E-05	-8.63E-06	-2.23E-05	1.33E-05	-9.76E-06				
96	708.45	7.24E-02	-8.26E-02	-2.04E-02	9.95E-02	-6.96E-02	-9.26E-02	1.21E-01	-1.31E-01	26.05	-1.26E-01	-3.66E-02	
	58.00	3.12E-06	-2.84E-06	-4.48E-07	7.66E-06	-5.35E-06	-7.12E-06	4.99E-06	-4.71E-06				
97	613.10	3.89E-01	1.75E-01	2.04E-01	1.63E-01	-2.96E-01	-2.64E-02	4.77E-01	8.66E-02	28.38	1.75E-01	-1.63E-01	
	96.00	6.52E-06	-1.71E-06	-5.94E-07	1.26E-05	-2.28E-05	-2.03E-06	9.92E-06	-5.11E-06				
98	682.27	7.46E-02	-9.95E-02	-2.93E-02	2.38E-01	-1.05E-01	-1.73E-01	2.41E-01	-2.66E-01	34.97	1.18E-01	-2.18E-01	
	112.00	3.47E-06	-3.23E-06	-5.33E-07	1.83E-05	-8.11E-06	-1.33E-05	9.88E-06	-9.65E-06				
99	751.43	-1.15E-01	-4.98E-01	-2.75E-01	9.78E-02	-8.64E-02	-7.56E-02	-9.16E-02	-5.21E-01	13.56	-4.98E-01	-9.78E-02	
	96.00	5.34E-06	-9.39E-06	-8.28E-07	7.52E-06	-6.65E-06	-5.80E-06	6.24E-06	-1.03E-05				
100	689.25	2.21E-02	-1.31E-01	-6.15E-02	5.39E-02	-8.27E-02	3.00E-02	3.92E-02	-1.48E-01	17.56	2.21E-02	5.39E-02	
	152.00	2.73E-06	-3.17E-06	-4.91E-07	4.15E-06	-6.36E-06	2.30E-06	3.38E-06	-3.83E-06				
101	668.67	2.86E-01	1.10E-01	1.24E-01	1.13E-01	-1.67E-01	-4.82E-02	3.41E-01	5.41E-02	26.08	1.10E-01	-1.13E-01	
	192.00	5.29E-06	-1.49E-06	-9.52E-07	8.72E-06	-1.28E-05	-3.70E-06	7.42E-06	-3.62E-06				
102	725.25	-3.55E-02	-9.89E-02	-8.57E-02	-7.86E-03	-5.77E-02	2.71E-02	-3.45E-02	-9.98E-02	-6.97	-8.99E-02	2.36E-02	
	232.70	1.05E-06	-1.38E-06	-8.79E-07	-6.04E-07	-4.44E-06	2.09E-06	1.09E-06	-1.42E-06				
103	635.50	8.71E-02	1.41E-01	8.37E-02	5.63E-02	-5.44E-02	-1.07E-01	1.77E-01	5.17E-02	57.79	8.71E-02	5.63E-02	
	256.00	-7.52E-08	2.00E-06	-2.09E-07	4.33E-06	-4.18E-06	-8.22E-06	3.36E-06	-1.44E-06				
104	635.50	-3.34E-02	-4.85E-03	-5.97E-02	6.83E-02	-1.37E-01	-1.76E-02	5.07E-02	-8.89E-02	50.89	-4.85E-03	-6.83E-02	
	290.67	-2.07E-07	8.90E-07	-1.22E-06	5.25E-06	-1.06E-05	-1.36E-06	3.03E-06	-2.34E-06				
105	569.00	3.29E-02	-2.75E-01	-9.33E-02	1.34E-01	-4.85E-02	-8.11E-02	8.34E-02	-3.26E-01	20.55	3.29E-02	1.34E-01	
	16.50	4.96E-06	-6.90E-06	1.02E-07	1.03E-05	-3.73E-06	-6.84E-06	6.99E-06	-8.84E-06				
106	508.50	9.41E-01	5.48E-01	5.99E-01	2.31E-01	-4.88E-02	-3.99E-02	1.05E+00	4.42E-01	24.80	5.48E-01	-2.31E-01	
	13.00	1.33E-05	-1.87E-06	9.56E-08	1.78E-05	-3.76E-06	-3.07E-06	1.74E-05	-5.97E-06				
107	521.00	1.44E-01	-6.72E-02	2.67E-02	1.86E-01	-1.91E-02	-7.88E-02	2.53E-01	-1.76E-01	30.23	1.44E-01	1.86E-01	
	15.75	4.40E-06	-3.72E-06	-1.11E-07	1.43E-05	-1.47E-06	-6.06E-06	8.58E-06	-7.90E-06				
108	526.25	1.14E-01	-7.83E-02	1.24E-02	2.05E-01	-2.48E-02	-7.56E-02	2.44E-01	-2.08E-01	32.44	1.14E-01	2.05E-01	
	21.00	3.85E-06	-3.54E-06	-4.68E-08	1.57E-05	-1.91E-06	-5.81E-06	8.85E-06	-8.54E-06				
109	515.50	6.29E-01	3.38E-01	3.91E-01	3.02E-01	-8.02E-02	-4.16E-02	8.18E-01	1.48E-01	32.13	3.38E-01	-3.02E-01	
	26.00	9.26E-06	-1.93E-06	1.32E-07	2.32E-05	-6.17E-06	-3.20E-06	1.65E-05	-9.22E-06				
110	531.50	3.81E-02	-9.74E-02	-1.95E-02	1.48E-01	-3.05E-02	-4.58E-02	1.33E-01	-1.92E-01	32.71	3.81E-02	1.48E-01	
	34.50	2.33E-06	-2.88E-06	1.18E-07	1.14E-05	-2.34E-06	-3.52E-06	5.99E-06	-6.54E-06				
111	515.50	8.82E-02	5.63E-03	4.34E-02	5.77E-01	-3.57E-02	-3.95E-01	6.26E-01	-5.32E-01	42.96	8.82E-02	5.77E-01	
	44.00	1.88E-06	-1.23E-06	1.60E-07	4.44E-05	-2.74E-06	-3.04E-05	2.26E-05	-2.20E-05				
112	515.50	2.70E-01	1.17E-01	1.60E-01	1.19E-01	-9.08E-02	-2.79E-02	3.35E-01	5.19E-02	28.62	1.17E-01	-1.19E-01	
	53.33	4.37E-06	-1.52E-06	1.53E-07	9.14E-06	-6.98E-06	-2.15E-06	6.86E-06	-4.01E-06				
113	547.50	-3.00E-01	-5.13E-01	-3.20E-01	9.01E-02	-3.43E-02	1.20E-01	-2.67E-01	-5.46E-01	20.16	-4.78E-01	-1.20E-01	
	64.00	8.98E-07	-7.27E-06	1.44E-07	6.93E-06	-2.64E-06	5.26E-06	2.17E-06	-8.54E-06				
114	515.50	-9.69E-02	-2.29E-01	-1.18E-01	2.62E-01	-1.39E-02	-1.89E-01	1.07E-01	-4.33E-01	37.90	-9.68E-02	2.62E-01	
	74.67	1.16E-06	-3.94E-06	3.51E-07	2.01E-05	-1.07E-06	-1.45E-05	9.00E-06	-1.16E-05				
115	515.50	1.17E-01	2.28E-02	7.13E-02	7.06E-02	-1.69E-02	-2.09E-02	1.55E-01	-1.51E-02	28.20	2.28E-02	-7.06E-02	
	88.00	2.17E-06	-1.44E-06	4.27E-07	5.43E-06	-1.30E-06	-1.61E-06	3.63E-06	-2.90E-06				
116	547.50	-2.07E-01	-3.09E-01	-1.91E-01	9.76E-02	5.86E-03	-8.98E-02	-1.48E-01	-3.67E-01	31.40	-2.56E-01	-1.10E-01	
	104.00	-2.10E-07	-4.07E-06	4.02E-07	7.51E-06	4.52E-07	-6.91E-06	2.08E-06	-6.36E-06				
117	515.50	-1.42E-01	-2.65E-01	-1.50E-01	1.70E-01	-1.16E-02	-1.63E-01	-2.26E-02	-3.84E-01	35.13	-1.42E-01	1.70E-01	
	120.00	6.47E-07	-4.05E-06	3.47E-07	1.31E-05	-8.89E-07	-1.26E-05	5.25E-06	-8.66E-06				
118	515.50	1.74E-03	-4.24E-02	-4.72E-03	6.38E-02	-8.48E-03	-1.89E-02	4.72E-02	-8.78E-02	35.45	-4.24E-02	-6.38E-02	
	136.00	5.66E-07	-1.13E-06	3.17E-07	4.91E-06	-6.53E-07	-1.46E-06	2.31E-06	-2.88E-06				
119	547.5[illegible]	[illegible].28E-01	-1.28E-01	-9.16E-02	1.47E-01	1.07E-02	-[illegible]9E-01	1.84E-02	-2.75E-01	44.93	-5.94E-02	-1.29E-0[illegible]	
	152.0[illegible]	[illegible].09E-06	-1.12E-06	2.99E-07	1.13E-05	8.24E-07	[illegible]E-05	4.53E-06	-6.74E-06				
120	51[illegible]	[illegible].64E-02	-1.52E-01	-7.21E-02	1.73E-01	-3.10E-02	[illegible]E-01	7.54E-02	-2.84E-01	37.27	-5.64E-02	1.[illegible]	

	168.00	[illegible]E-07	-2.77E-06	3.13E-07	1.33E-05	-2.39E-06	[illegible]-05	5.99E-06	-7.64E-06				
121	515.50	9.21E-02	2.44E-02	4.01E-02	5.21E-02	-6.49E-02	-1[illegible]E-02	1.20E-01	-3.94E-03	28.50	2.44E-02	-5.21E-	
	184.00	1.73E-06	-8.71E-07	4.22E-08	4.01E-06	-4.99E-06	-1.30E-06	2.82E-06	-1.96E-06				
122	547.50	-1.77E-01	-2.57E-01	-1.72E-01	8.00E-02	-1.62E-02	-5.10E-02	-1.28E-01	-3.07E-01	31.72	-2.15E-01	-8.94E-02	
	200.00	-1.49E-07	-3.23E-06	3.97E-08	6.16E-06	-1.25E-06	-7.06E-06	1.75E-06	-5.13E-06				
123	515.50	-1.01E-01	-2.08E-01	-1.16E-01	1.22E-01	-3.99E-02	-2.56E-01	-2.15E-02	-2.87E-01	33.16	-1.01E-01	1.22E-01	
	216.00	7.80E-07	-3.32E-06	2.11E-07	9.35E-06	-3.07E-06	-1.97E-05	3.84E-06	-6.38E-06				
124	515.50	8.92E-02	3.06E-02	3.85E-02	1.59E-02	-9.29E-02	-9.70E-03	9.32E-02	2.66E-02	14.29	3.06E-02	-1.59E-02	
	232.00	1.60E-06	-5.61E-07	-2.55E-07	1.23E-06	-7.15E-06	-7.46E-07	1.85E-06	-7.18E-07				
125	547.50	-1.17E-01	-1.82E-01	-1.26E-01	1.31E-02	-2.59E-02	1.26E-01	-1.14E-01	-1.84E-01	11.05	-1.72E-01	-2.68E-02	
	248.00	1.93E-07	-2.30E-06	-2.43E-07	1.01E-06	-2.30E-06	9.72E-06	7.92E-07	-2.39E-06				
126	515.50	-2.09E-01	-3.24E-01	-2.12E-01	6.08E-02	-1.19E-03	-1.05E-01	-1.83E-01	-3.50E-01	23.30	-2.09E-01	6.08E-02	
	264.00	1.46E-07	-4.28E-06	3.36E-08	4.68E-06	-9.12E-08	-8.07E-06	1.15E-06	-5.26E-06				
127	515.50	-9.53E-03	-1.72E-02	-1.25E-02	-5.74E-03	5.19E-03	-1.81E-03	-6.46E-03	-2.03E-02	-28.11	-1.72E-02	5.74E-03	
	276.00	6.47E-08	-2.31E-07	-4.96E-08	-4.41E-07	3.99E-07	-1.39E-07	1.83E-07	-3.49E-07				
128	531.50	-3.71E-02	-4.85E-03	-2.44E-02	5.02E-03	1.79E-03	-4.62E-03	-6.06E-03	-3.80E-02	80.83	-3.71E-02	5.02E-03	
	297.00	-6.77E-07	4.68E-07	-1.87E-07	3.86E-07	1.38E-07	-3.55E-07	5.19E-07	-7.08E-07				
129	515.50	-2.37E-01	-2.37E-01	-1.94E-01	2.62E-02	-2.51E-04	-1.04E-01	-2.11E-01	-2.63E-01	45.30	-2.37E-01	2.62E-02	
	320.00	-1.70E-06	-1.76E-06	-1.24E-07	2.01E-06	-1.93E-08	-8.01E-06	-7.67E-07	-2.78E-06				
183	565.50	6.30E-02	-2.81E-01	-7.85E-02	2.32E-01	-6.15E-02	-2.15E-01	1.80E-01	-3.98E-01	26.74	6.30E-02	2.32E-01	
	-8.00	8.68E-06	-7.54E-06	2.35E-07	1.79E-05	-4.73E-06	-1.65E-05	1.02E-05	-1.20E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .0000E+00

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1923E+02	-.1105E+03	-.1123E+03	.2382E+01	.8334E+00	-.1670E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1062E+00	-.3118E+00	-.3340E+00	.4671E+01	-.3847E+00	-.1839E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.8302E+00	.2179E+00	-.2310E+00	.8193E+01	.6523E+00	-.3987E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1067E+01	-.2003E+00	-.1310E+00	.1155E+02	.2708E+00	-.5694E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1644E+01	.3244E+00	-.1375E+00	.1438E+02	.3466E+00	-.7726E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1400E+01	-.1656E+00	-.1219E+00	.1672E+02	-.4699E+00	-.9999E+01
25	-.1400E+00	-.4809E-01	-.8138E-01	.1968E+02	-.7308E+00	-.1211E+02
26	.1024E+02	.1737E+01	-.1780E+00	.2236E+02	-.7437E+00	-.1361E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.7151E+01	-.5604E+00	-.3918E+00	.2423E+02	-.1982E+01	-.1489E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

3704

37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2267E+03	-.2044E+02	-.4950E+01	.2826E+02	-.1362E+02	-.2136E+02
40	-.9535E+02	-.4570E+01	-.6565E+01	.2893E+02	-.1310E+02	-.2020E+02
41	.2414E+02	.1098E+02	-.5275E+01	.2730E+02	-.1160E+02	-.1804E+02
42	.3138E+02	.7687E+01	-.2012E+01	.2489E+02	-.6420E+01	-.1606E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.3534E+03	-.5976E+02	-.2703E+01	.1461E+02	-.1561E+02	.2367E+01
48	-.3502E+03	-.5093E+02	-.2809E+01	-.2719E+01	-.1716E+02	.2123E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1630E+03	-.2459E+02	-.8153E+00	-.5054E+02	-.1881E+02	.2612E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1596E+01	-.4980E+01	-.6096E+00	.9768E+01	-.1592E+02	.1954E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1087E+03	-.1637E+02	-.7794E+00	-.4244E+02	-.1487E+02	.2615E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.7304E+02	-.1101E+02	-.1023E+01	-.3928E+02	-.1286E+02	.2554E+02
66	-.1526E+02	-.2314E+01	-.1242E+01	-.4269E+02	-.9438E+01	.2705E+02
67	.7248E+02	.1088E+02	-.1149E+01	-.4135E+02	-.5187E+01	.2754E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1298E+03	.1951E+02	-.8569E+00	-.3824E+02	-.1380E+01	.1758E+02
76	-.1536E+02	-.2225E+01	-.3582E+00	-.3995E+02	.2126E+01	.1482E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.5004E+02	.7603E+01	-.1038E+00	-.3643E+02	.4596E+01	.1535E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2530E+02	-.3699E+01	.4911E-01	-.3539E+02	.4623E+01	.1268E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
102	.2650E+02	.4072E+01	.6694E-01	-.3154E+02	.5230E+01	.1244E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2951E+02	-.4343E+01	.3402E-01	-.2753E+02	.4408E+01	.1191E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3045E+02	.4654E+01	.3248E-01	-.2527E+02	.5192E+01	.9988E+01
109	-.1982E+02	-.2901E+01	.1375E+00	-.2192E+02	.4097E+01	.8952E+01
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2273E+02	.3469E+01	.1446E+00	-.1700E+02	.3497E+01	.5911E+01
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1241E+02	-.1826E+01	.2279E+00	-.1310E+02	.1720E+01	.3200E+01
115	.1531E+02	.2306E+01	.2637E+00	-.6019E+01	.7716E-01	.2102E+01
116	-.2026E+02	-.3061E+01	.2160E+00	-.2377E+01	-.2416E+01	-.4758E+00
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.3404E+01	-.5445E+00	.1270E+00	-.6631E+01	-.4065E+01	.1173E+01
119	.1972E+01	.2513E+00	.8445E-01	.8893E+00	-.3907E+01	-.1717E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1166E+01	-.1002E-01	-.1439E+00	.2799E+01	-.4377E+01	-.2470E+01
122	-.1498E+01	-.5174E+00	-.1915E+00	-.1750E+01	-.4986E+01	-.6718E+00
123	-.1955E+01	-.4972E+00	-.6115E-02	-.1700E+01	-.4618E+01	-.6368E+00
124	-.2366E+01	-.4623E+00	.1570E-01	-.1645E+01	-.4054E+01	-.6072E+00
125	-.2085E+01	-.3622E+00	.3166E-01	-.1592E+01	-.3613E+01	-.5748E+00
126	-.1506E+01	-.2306E+00	.1826E-01	-.1529E+01	-.3431E+01	-.5409E+00
127	-.8254E+00	-.1011E+00	.4951E-02	-.1446E+01	-.3323E+01	-.4830E+00
128	-.1017E+00	.3500E-01	-.4195E-02	-.1310E+01	-.2956E+01	-.4189E+00
129	.2117E+00	.8370E-01	-.1679E-02	-.1164E+01	-.2483E+01	-.3432E+00
130	.3617E+00	.9090E-01	.1714E-02	-.1005E+01	-.1960E+01	-.2691E+00
131	.1191E+00	.1798E-01	.2321E-01	-.8182E+00	-.1422E+01	-.2129E+00
132	-.5617E-01	-.1113E-01	.2219E-01	-.6563E+00	-.1076E+01	-.1612E+00
133	.3973E-01	.6521E-02	.1851E-01	-.5144E+00	-.7994E+00	-.1220E+00
134	.1015E-02	-.3152E-02	.1875E-01	-.3964E+00	-.5927E+00	-.9075E-01
135	-.1283E-01	-.2942E-02	.1849E-01	-.2901E+00	-.4234E+00	-.6610E-01
136	.1224E-01	.1121E-02	.3002E-01	-.1891E+00	-.2720E+00	-.4551E-01
137	-.5998E-02	-.2141E-02	.8179E-01	-.9445E-01	-.1795E+00	-.2694E-01
138	.1805E-01	.6073E-02	.4523E+01	-.1364E-01	.4829E-01	-.2519E-01
139	.2470E-02	.3968E-02	-.9850E+01	-.7171E-02	-.2834E-01	.3736E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.68847E-02	.31090E-04	-.68828E-02	.00000E+00
3	.12393E-01	.12383E-03	-.12387E-01	.00000E+00
4	.13367E-01	.12954E-03	-.13338E-01	.00000E+00
5	.14340E-01	-.93273E-05	-.14345E-01	.00000E+00
6	.15969E-01	.16693E-05	-.15968E-01	.44192E-05
7	.14820E-01	.32271E-03	-.14986E-01	.00000E+00
8	.16008E-01	.24481E-03	-.16051E-01	.83776E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.67999E-02	.10055E-03	-.68383E-02	.00000E+00
11	.12409E-01	.20918E-03	-.12547E-01	.00000E+00
12	.13745E-01	.25048E-03	-.13915E-01	.00000E+00
13	.14908E-01	.19688E-03	-.14881E-01	.00000E+00
14	.16089E-01	.27659E-03	-.16273E-01	.24251E-05
15	.14955E-01	.54083E-03	-.15512E-01	.00000E+00
16	.16213E-01	.46357E-03	-.16640E-01	-.18541E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.68304E-02	.17467E-03	-.70334E-02	.00000E+00
19	.12588E-01	.34756E-03	-.13027E-01	.00000E+00
20	.13974E-01	.42804E-03	-.14510E-01	.00000E+00

21	.15105E-01	.32476E-03	-.15576E-01	.00000E+00
22	.16280E-01	.38880E-03	-.17155E-01	.13115E-05
23	.15433E-01	.97138E-03	-.16643E-01	.00000E+00
24	.16595E-01	.79403E-03	-.17832E-01	.66741E-05
25	.16748E-01	.94473E-03	-.18274E-01	.60911E-06
26	.16837E-01	.94192E-03	-.18538E-01	.11531E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.67509E-02	.34343E-03	-.70972E-02	.00000E+00
29	.12737E-01	.68496E-03	-.13364E-01	.00000E+00
30	.14213E-01	.80653E-03	-.15136E-01	.00000E+00
31	.15553E-01	.94263E-03	-.16772E-01	.00000E+00
32	.16930E-01	.10948E-02	-.18831E-01	.18445E-04
33	.15485E-01	.12359E-02	-.16719E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.66603E-02	.46646E-03	-.70436E-02	.00000E+00
36	.12761E-01	.84473E-03	-.13316E-01	.00000E+00
37	.14324E-01	.94544E-03	-.14995E-01	.00000E+00
38	.15895E-01	.12148E-02	-.17277E-01	.00000E+00
39	.17124E-01	.15474E-02	-.19339E-01	-.71438E-05
40	.17095E-01	.15617E-02	-.19222E-01	.37873E-05
41	.17067E-01	.14788E-02	-.19113E-01	.10699E-04
42	.17009E-01	.13119E-02	-.18988E-01	.16599E-04
43	.13994E-01	.11962E-02	-.14229E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.60154E-02	.13157E-03	-.60983E-02	.00000E+00
46	.12496E-01	.81050E-03	-.12276E-01	.00000E+00
47	.17138E-01	.14906E-02	-.19380E-01	-.79817E-05
48	.17134E-01	.15147E-02	-.19378E-01	-.11633E-04
49	.15867E-01	.12425E-02	-.17111E-01	.00000E+00
50	.17285E-01	.15173E-02	-.19440E-01	-.36796E-04
51	.15893E-01	.13451E-02	-.16419E-01	.00000E+00
52	.17809E-01	.13848E-02	-.17968E-01	.00000E+00
53	.17147E-01	.14283E-02	-.19390E-01	-.25587E-05
54	.13842E-01	.85780E-03	-.12958E-01	.00000E+00
55	.15539E-01	.11112E-02	-.14166E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.50643E-02	.61993E-03	-.40001E-02	.00000E+00
58	.10844E-01	.46281E-03	-.74409E-02	.00000E+00
59	.18044E-01	.11052E-02	-.16502E-01	.00000E+00
60	.17818E-01	.13143E-02	-.17292E-01	.00000E+00
61	.17428E-01	.15206E-02	-.19481E-01	-.57434E-04
62	.12813E-01	.44337E-03	-.89878E-02	.00000E+00
63	.14866E-01	.49011E-03	-.11429E-01	.00000E+00
64	.18170E-01	.13767E-02	-.18205E-01	.00000E+00
65	.17623E-01	.15237E-02	-.19519E-01	-.71727E-04
66	.18109E-01	.15288E-02	-.19594E-01	-.87546E-04
67	.18635E-01	.15330E-02	-.19678E-01	-.83725E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.38938E-02	-.20865E-04	-.19885E-02	.00000E+00
70	.11260E-01	.18314E-03	-.64421E-02	.00000E+00
71	.17295E-01	.48966E-03	-.12807E-01	.00000E+00
72	.18639E-01	.13236E-02	-.18148E-01	.00000E+00
73	.13827E-01	.23150E-03	-.65475E-02	.00000E+00
74	.19773E-01	.13485E-02	-.19974E-01	.00000E+00
75	.19083E-01	.15363E-02	-.19749E-01	-.64106E-04
76	.19694E-01	.15512E-02	-.19909E-01	-.45380E-04
77	.16080E-01	.14247E-03	-.89570E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.45649E-02	.21391E-03	-.22154E-02	.00000E+00
80	.10520E-01	-.42365E-04	-.46970E-02	.00000E+00
81	.11588E-01	-.80078E-04	-.48512E-02	.00000E+00
82	.13145E-01	-.12985E-03	-.69592E-02	.00000E+00
	.19286E-01	.42559E-03	-.14077E-01	.00000E+00
	.17686E-01	.10430E-04	-.99668E-02	.00000E+00

	.20389E-01	.15743E-02	-.20087E-01	[illegible]492E-04
96	.20425E-01	.14041E-02	-.19677E-01	.00000E+00
97	.15025E-01	-.61376E-04	-.74051E-02	.00000E+00
98	.20379E-01	.10539E-02	-.17006E-01	.00000E+00
99	.20872E-01	.16959E-02	-.20279E-01	-.29430E-04
90	.11337E-01	-.12517E-03	.68438E-03	.00000E+00
91	.12325E-01	-.25953E-03	-.45204E-04	.00000E+00
92	.13377E-01	-.89579E-04	-.37418E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.45577E-02	.00000E+00	.87531E-03	.00000E+00
95	.87117E-02	.00000E+00	.15367E-02	.00000E+00
96	.10115E-01	.00000E+00	.14274E-02	.00000E+00
97	.10492E-01	.00000E+00	.19856E-02	.00000E+00
98	.10183E-01	.00000E+00	.21789E-02	.00000E+00
99	.11464E-01	-.29287E-04	.17969E-02	.00000E+00
100	.15134E-01	-.60173E-04	-.27532E-02	.00000E+00
101	.19020E-01	.31215E-03	-.96025E-02	.00000E+00
102	.21614E-01	.16419E-02	-.20535E-01	-.26333E-04
103	.20179E-01	.58137E-03	-.14082E-01	.00000E+00
104	.21896E-01	.15603E-02	-.20341E-01	.00000E+00
105	.22129E-01	.16625E-02	-.20761E-01	-.22236E-04
106	.21247E-01	.71796E-03	-.16267E-01	.00000E+00
107	.22691E-01	.15954E-02	-.20438E-01	.00000E+00
108	.22706E-01	.16930E-02	-.20955E-01	-.21161E-04
109	.23129E-01	.16976E-02	-.21124E-01	-.18082E-04
110	.22623E-01	.14187E-02	-.17277E-01	.00000E+00
111	.23616E-01	.18012E-02	-.20872E-01	.00000E+00
112	.23584E-01	.17124E-02	-.21243E-01	-.16133E-04
113	.23398E-01	.13133E-02	-.18676E-01	.00000E+00
114	.23835E-01	.16988E-02	-.21342E-01	-.54680E-05
115	.23892E-01	.16962E-02	-.21388E-01	-.41065E-06
116	.23858E-01	.16654E-02	-.21403E-01	.43144E-05
117	.23738E-01	.18959E-02	-.21497E-01	.00000E+00
118	.23783E-01	.16594E-02	-.21401E-01	.80975E-05
119	.23573E-01	.16450E-02	-.21381E-01	.12706E-04
120	.23993E-01	.16962E-02	-.21432E-01	.00000E+00
121	.23190E-01	.16122E-02	-.21334E-01	.20137E-04
122	.23149E-01	.14466E-02	-.21364E-01	.23677E-04
123	.23089E-01	.12947E-02	-.21386E-01	.26484E-04
124	.23021E-01	.11246E-02	-.21407E-01	.29704E-04
125	.22931E-01	.93303E-03	-.21428E-01	.33508E-04
126	.22759E-01	.57069E-03	-.21463E-01	.37813E-04
127	.22575E-01	.18612E-03	-.21496E-01	.38196E-04
128	.22226E-01	-.59235E-03	-.21564E-01	.31058E-04
129	.21986E-01	-.11630E-02	-.21625E-01	.20548E-04
130	.21845E-01	-.15314E-02	-.21692E-01	.83733E-05
131	.21839E-01	-.15654E-02	-.21793E-01	-.45156E-05
132	.21937E-01	-.12602E-02	-.21883E-01	-.77499E-05
133	.22022E-01	-.94996E-03	-.21961E-01	-.60497E-05
134	.22073E-01	-.72625E-03	-.22025E-01	-.44258E-05
135	.22105E-01	-.54723E-03	-.22077E-01	-.38305E-05
136	.22128E-01	-.37790E-03	-.22115E-01	-.39054E-05
137	.22141E-01	-.21126E-03	-.22138E-01	-.38691E-05
138	.22151E-01	-.32432E-04	-.22151E-01	-.41397E-05
139	.22151E-01	-.39255E-05	-.22151E-01	-.40104E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1000E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	7.16E-03	2.57E-02	1.09E-02	8.35E-01	3.09E-03	-8.44E-01	8.57E-01	-8.21E-01	45.39	7.18E-03	8.39E-01

	-303.00	-2.94E-07	7.31E-07	-1.26E-07	7.63E-05	2.61E-07	-7.67E-05	3.84E-05	-3.79E-05				
2	72.00	7.93E-03	3.78E-02	3.00E-04	6.85E-01	2.01E-03	-7.03E-01	7.08E-01	-6.63E-01	45.62	7.93E-03	6.85E-01	
	-213.00	-2.37E-07	1.12E-06	-5.84E-07	6.23E-05	1.83E-07	-6.39E-05	3.16E-05	-3.07E-05				
3	72.00	8.73E-02	4.42E-02	-1.46E-02	4.39E-01	-3.55E-02	-4.80E-01	5.06E-01	-3.74E-01	43.60	8.73E-02	4.39E-01	
	-138.00	1.37E-06	3.92E-07	-9.44E-07	2.00E-05	-1.62E-06	-2.18E-05	1.09E-05	-9.12E-06				
4	24.00	5.10E-01	3.00E-01	3.69E-01	7.96E-01	-1.32E-01	-8.64E-01	1.21E+00	-3.98E-01	41.25	5.10E-01	7.96E-01	
	-68.00	6.65E-06	-3.41E-06	1.23E-06	6.13E-05	-1.01E-05	-6.65E-05	3.35E-05	-2.83E-05				
5	72.00	-2.01E-01	-9.68E-02	-2.05E-01	3.64E-01	2.32E-02	-3.93E-01	2.19E-01	-5.17E-01	49.08	-9.68E-02	-3.64E-01	
	-88.00	-2.21E-06	1.81E-06	-2.36E-06	2.80E-05	1.78E-06	-3.03E-05	1.40E-05	-1.44E-05				
6	120.00	-1.17E-01	-1.28E-01	-1.49E-01	6.70E-01	3.75E-02	-6.78E-01	5.48E-01	-7.93E-01	44.77	5.36E-01	-1.26E-01	
	-68.00	-1.65E-07	-5.83E-07	-1.41E-06	5.16E-05	2.89E-06	-5.21E-05	2.54E-05	-2.62E-05				
7	36.25	1.74E-01	6.38E-02	4.16E-02	3.68E-01	-4.66E-02	-3.51E-01	4.90E-01	-2.53E-01	40.75	1.61E-01	3.69E-01	
	-19.00	3.61E-06	-6.11E-07	-1.47E-06	2.83E-05	-3.58E-06	-2.70E-05	1.58E-05	-1.28E-05				
8	108.00	-1.83E-02	-3.03E-02	-5.88E-02	2.68E-01	3.50E-03	-3.07E-01	2.44E-01	-2.93E-01	44.36	-1.83E-02	2.68E-01	
	-19.00	4.76E-07	1.56E-08	-1.08E-06	2.06E-05	2.70E-07	-2.36E-05	1.06E-05	-1.01E-05				
9	216.00	6.20E-02	9.33E-02	5.35E-02	8.36E-01	-4.38E-03	-8.51E-01	9.14E-01	-7.58E-01	45.54	6.20E-02	8.36E-01	
	-303.00	1.06E-07	1.53E-06	-2.79E-07	7.60E-05	-3.98E-07	-7.74E-05	3.88E-05	-3.72E-05				
10	216.00	7.52E-02	9.36E-02	3.84E-02	7.03E-01	-1.54E-02	-7.26E-01	7.87E-01	-6.18E-01	45.38	7.52E-02	7.03E-01	
	-213.00	7.27E-07	1.56E-06	-9.46E-07	6.39E-05	-1.40E-06	-6.60E-05	3.31E-05	-3.08E-05				
11	216.00	9.35E-02	7.59E-02	-3.41E-02	5.23E-01	-4.95E-02	-5.54E-01	6.08E-01	-4.38E-01	44.52	9.35E-02	5.23E-01	
	-138.00	1.42E-06	1.01E-06	-1.48E-06	2.38E-05	-2.25E-06	-2.52E-05	1.31E-05	-1.07E-05				
12	168.00	2.66E-01	2.92E-01	1.86E-01	7.85E-01	-1.01E-01	-7.86E-01	1.06E+00	-5.06E-01	45.48	2.66E-01	7.85E-01	
	-68.00	2.05E-06	3.05E-06	-1.01E-06	6.04E-05	-7.76E-06	-6.03E-05	3.27E-05	-2.76E-05				
13	216.00	-2.66E-01	-9.84E-02	-2.36E-01	3.41E-01	1.52E-02	-3.51E-01	1.69E-01	-5.33E-01	51.92	-9.84E-02	-3.41E-01	
	-88.00	-3.64E-06	2.82E-06	-2.48E-06	2.62E-05	1.17E-06	-2.70E-05	1.31E-05	-1.39E-05				
14	264.00	-2.47E-02	-1.19E-01	-1.32E-01	6.64E-01	1.49E-02	-7.00E-01	5.93E-01	-7.37E-01	42.96	5.72E-01	-1.66E-01	
	-68.00	2.08E-06	-1.56E-06	-2.03E-06	5.11E-05	1.14E-06	-5.38E-05	2.59E-05	-2.53E-05				
15	180.00	5.84E-02	9.98E-03	-3.54E-02	3.32E-01	-6.77E-02	-3.09E-01	3.67E-01	-2.99E-01	42.92	5.84E-02	3.32E-01	
	-19.00	1.89E-06	2.11E-08	-1.72E-06	2.56E-05	-5.21E-06	-2.38E-05	1.38E-05	-1.19E-05				
16	252.00	5.11E-02	-9.20E-03	-6.37E-02	2.58E-01	-2.35E-02	-3.26E-01	2.80E-01	-2.38E-01	41.66	5.11E-02	2.58E-01	
	-19.00	2.21E-06	-1.14E-07	-2.21E-06	1.98E-05	-1.80E-06	-2.50E-05	1.10E-05	-8.93E-06				
17	361.00	9.19E-02	1.61E-01	8.96E-02	8.36E-01	1.78E-03	-8.67E-01	9.64E-01	-7.10E-01	46.19	9.19E-02	8.36E-01	
	-303.00	-2.72E-07	2.88E-06	-3.80E-07	7.60E-05	1.62E-07	-7.89E-05	3.94E-05	-3.67E-05				
18	361.00	9.22E-02	1.50E-01	6.24E-02	7.37E-01	-2.81E-03	-7.61E-01	8.58E-01	-6.16E-01	46.12	9.22E-02	7.37E-01	
	-213.00	2.37E-07	2.86E-06	-1.12E-06	6.70E-05	-2.56E-07	-6.92E-05	3.51E-05	-3.20E-05				
19	361.00	1.00E-01	1.16E-01	-3.53E-02	5.79E-01	-3.41E-02	-6.31E-01	6.87E-01	-4.71E-01	45.39	1.00E-01	5.79E-01	
	-138.00	1.33E-06	1.68E-06	-1.75E-06	2.63E-05	-1.55E-06	-2.87E-05	1.47E-05	-1.16E-05				
20	312.00	4.72E-01	4.56E-01	3.08E-01	9.05E-01	-1.68E-01	-9.39E-01	1.37E+00	-4.41E-01	44.75	4.72E-01	9.05E-01	
	-68.00	4.56E-06	3.95E-06	-1.72E-06	6.96E-05	-1.30E-05	-7.23E-05	3.91E-05	-3.06E-05				
21	360.67	-4.42E-01	-2.65E-01	-3.76E-01	4.57E-01	5.52E-02	-5.15E-01	1.12E-01	-8.15E-01	50.46	-2.65E-01	-4.57E-01	
	-88.00	-5.09E-06	1.70E-06	-2.56E-06	3.52E-05	4.24E-06	-3.96E-05	1.62E-05	-1.96E-05				
22	409.33	3.01E-01	4.05E-01	2.00E-01	8.58E-01	4.77E-03	-1.06E+00	1.21E+00	-5.06E-01	46.73	1.20E+00	-1.26E-01	
	-68.00	1.62E-06	5.62E-06	-2.26E-06	6.60E-05	3.67E-07	-8.15E-05	3.67E-05	-2.94E-05				
23	324.00	1.36E-01	3.27E-02	-3.60E-02	3.58E-01	-1.20E-01	-3.35E-01	4.46E-01	-2.78E-01	40.90	1.36E-01	3.58E-01	
	-19.00	3.77E-06	-2.01E-07	-2.84E-06	2.75E-05	-9.21E-06	-2.58E-05	1.57E-05	-1.21E-05				
24	372.00	7.34E-02	-8.27E-02	-1.21E-01	8.73E-01	-1.18E-01	-9.36E-01	8.72E-01	-8.81E-01	42.45	7.34E-02	8.73E-01	
	-9.33	4.25E-06	-1.75E-06	-3.22E-06	6.72E-05	-9.05E-06	-7.20E-05	3.50E-05	-3.25E-05				
25	401.25	5.53E-02	-5.88E-04	-1.06E-01	2.93E-01	-3.37E-02	-4.00E-01	3.22E-01	-2.67E-01	42.28	-2.23E-01	1.55E-01	
	-19.00	2.69E-06	5.43E-07	-3.52E-06	2.26E-05	-2.59E-06	-3.08E-05	1.30E-05	-9.72E-06				
26	427.67	5.08E-01	5.16E-01	3.06E-01	1.01E+00	-1.64E-01	-1.35E+00	1.52E+00	-4.98E-01	45.12	1.11E+00	8.16E-01	
	-9.33	4.92E-06	5.24E-06	-2.85E-06	7.76E-05	-1.26E-05	-1.04E-04	4.39E-05	-3.37E-05				
27	457.00	1.15E-01	2.36E-01	1.28E-01	8.34E-01	1.08E-02	-8.69E-01	1.01E+00	-6.61E-01	47.07	1.15E-01	8.34E-01	
	-303.00	-9.84E-07	4.50E-06	-3.99E-07	7.58E-05	9.81E-07	-7.90E-05	3.98E-05	-3.63E-05				
28	457.00	8.22E-02	1.86E-01	7.51E-02	7.72E-01	2.35E-02	-7.80E-01	9.08E-01	-6.40E-01	46.92	8.22E-02	7.72E-01	
	-213.00	-7.22E-07	4.00E-06	-1.05E-06	7.02E-05	2.13E-06	-7.10E-05	3.68E-05	-3.36E-05				
29	457.00	1.24E-01	1.41E-01	-7.54E-03	6.28E-01	7.82E-02	-6.72E-01	7.61E-01	-4.96E-01	45.39	1.24E-01	6.28E-01	
	-138.00	1.47E-06	1.85E-06	-1.52E-06	2.86E-05	3.55E-06	-3.05E-05	1.59E-05	-1.26E-05				
30	442.00	3.30E-01	7.34E-01	3.50E-01	1.05E+00	5.62E-02	-1.08E+00	1.60E+00	-5.35E-01	50.45	3.30E-01	1.05E+00	
	-68.00	-2.83E-06	1.27E-05	-2.09E-06	8.06E-05	4.33E-06	-8.28E-05	4.60E-05	-3.61E-05				
31	457.33	-1.21E+00	-4.54E-01	-7.21E-01	3.61E-01	5.86E-01	-5.96E-01	-3.09E-01	-1.36E+00	68.21	-4.54E-01	-3.61E-01	
	-88.00	-2.04E-05	8.79E-06	-1.47E-06	2.78E-05	4.50E-05	-4.59E-05	1.43E-05	-2.60E-05				
32	472.67	2.15E+00	2.05E+00	1.63E+00	8.85E-01	-3.11E-01	-1.39E+00	2.99E+00	1.21E+00	43.41	2.71E+00	6.43E-01	
	-68.[illegible]	[illegible]1.86E-05	1.48E-05	-1.42E-06	6.81E-05	-2.40E-05	[illegible]7E-04	5.08E-05	-1.74E-05				
33	44[illegible]	[illegible]2.08E-01	2.16E-01	3.96E-02	5.48E-01	-4.30E-0[illegible]	[illegible]E-01	7.60E-01	-3.36E-01	45.19	2.08E-01	5[illegible]	

	-19.[illegible]	[illegible].92E-06	3.20E-06	-3.57E-06	4.21E-05	-3.31E-06	[illegible]E-05	2.41E-05	-1.80E-05				
34	454.00	1.73E+00	1.41E+00	1.16E+00	1.32E+00	-3.84E-01	[illegible]E+00	2.90E+00	2.35E-01	41.60	2.26E+00	1.1[illegible]	
	-11.33	1.92E-05	7.07E-06	-2.72E-05	1.02E-04	-2.95E-05	-1.34E-04	6.44E-05	-3.81E-05				
35	461.67	6.69E-01	2.06E-01	5.32E-01	1.25E+00	-9.33E-02	-1.79E+00	2.05E+00	-4.65E-01	47.73	6.68E-01	1.25E+00	
	-12.00	2.55E-05	1.17E-05	-2.67E-06	9.59E-05	-7.18E-06	-1.38E-04	5.53E-05	-4.10E-05				
36	469.00	-1.00E+00	-3.02E-01	-6.29E-01	1.32E-01	5.27E-01	-7.36E-01	-2.76E-01	-1.03E+00	79.64	-3.02E-01	-1.32E-01	
	-30.00	-1.73E-05	9.64E-06	-2.95E-06	1.02E-05	4.06E-05	-5.66E-05	1.06E-05	-1.82E-05				
37	476.33	1.03E+00	1.65E+00	8.88E-01	8.64E-01	-1.01E-01	-1.49E+00	2.13E+00	3.53E-01	51.79	1.39E+00	8.77E-01	
	-12.00	2.60E-06	1.87E-05	-2.90E-06	6.64E-05	-7.75E-06	-1.15E-04	4.49E-05	-2.35E-05				
38	558.50	3.17E-03	1.22E-01	4.38E-02	7.63E-01	3.54E-02	-8.06E-01	8.28E-01	-7.03E-01	47.23	3.17E-03	7.63E-01	
	-303.00	-2.09E-06	3.36E-06	-2.09E-07	6.94E-05	3.22E-06	-7.33E-05	3.54E-05	-3.41E-05				
39	558.50	4.96E-02	2.42E-01	1.05E-01	7.56E-01	7.36E-02	-7.72E-01	9.08E-01	-6.17E-01	48.62	4.96E-02	7.56E-01	
	-213.00	-2.90E-06	5.83E-06	-3.59E-07	6.87E-05	6.69E-06	-7.02E-05	3.61E-05	-3.32E-05				
40	506.17	-5.54E-02	5.35E-01	8.09E-02	1.67E+00	2.39E-01	-1.60E+00	1.93E+00	-1.45E+00	50.02	-5.54E-02	1.67E+00	
	-128.00	-4.20E-06	9.22E-06	-1.10E-06	7.58E-05	1.09E-05	-7.28E-05	4.10E-05	-3.60E-05				
41	558.50	-6.64E-01	3.29E-01	-7.78E-02	7.60E-01	5.57E-01	-1.11E+00	7.41E-01	-1.08E+00	61.57	3.29E-01	-7.60E-01	
	-148.00	-1.29E-05	9.64E-06	3.93E-07	3.46E-05	2.53E-05	-5.03E-05	1.90E-05	-2.23E-05				
42	610.83	1.27E-01	5.64E-01	2.28E-01	1.44E+00	3.48E-01	-1.25E+00	1.80E+00	-1.11E+00	49.32	1.79E+00	-1.67E-01	
	-128.00	-1.94E-06	8.01E-06	3.60E-07	6.55E-05	1.58E-05	-5.66E-05	3.62E-05	-3.01E-05				
43	501.38	-1.72E-01	5.68E-02	-1.10E-01	3.85E-01	2.02E-01	-4.82E-01	3.44E-01	-4.60E-01	53.27	-1.72E-01	3.85E-01	
	-78.00	-4.14E-06	4.66E-06	-1.76E-06	2.96E-05	1.56E-05	-3.71E-05	1.57E-05	-1.52E-05				
44	534.67	3.04E-01	4.44E-01	2.83E-01	1.29E+00	1.32E-01	-1.60E+00	1.62E+00	-8.76E-01	46.60	1.61E+00	-1.48E-01	
	-68.00	3.71E-07	5.73E-06	-4.40E-07	9.60E-05	1.01E-05	-1.23E-04	5.11E-05	-4.50E-05				
45	584.67	-1.89E-01	2.06E-02	-8.20E-02	1.12E+00	3.78E-01	-9.62E-01	1.04E+00	-1.21E+00	47.68	-1.89E-01	1.12E+00	
	-68.00	-4.52E-06	3.54E-06	-4.03E-07	8.61E-05	2.91E-05	-7.40E-05	4.27E-05	-4.37E-05				
46	610.83	-1.18E+00	-1.52E-01	-4.80E-01	6.14E-01	6.02E-01	-8.17E-01	1.35E-01	-1.47E+00	64.98	-1.52E-01	-6.14E-01	
	-88.00	-2.55E-05	1.41E-05	1.45E-06	4.72E-05	4.63E-05	-6.28E-05	2.51E-05	-3.65E-05				
47	482.63	8.21E-02	1.82E-01	-5.74E-02	2.79E-01	1.67E-01	-5.54E-01	3.88E-01	-1.97E-01	53.65	8.20E-03	2.79E-01	
	-21.00	-1.15E-06	5.55E-06	-3.67E-06	2.15E-05	1.29E-05	-4.26E-05	1.35E-05	-9.05E-06				
48	485.83	6.71E-01	1.00E+00	5.77E-01	7.91E-01	2.46E-02	-1.67E+00	1.65E+00	2.97E-02	50.94	7.75E-01	8.05E-01	
	-12.00	1.07E-06	1.39E-05	-2.56E-06	6.08E-05	1.89E-06	-1.29E-04	3.85E-05	-2.36E-05				
49	507.98	2.20E-02	8.00E-02	-7.13E-02	3.02E-01	1.22E-01	-6.21E-01	3.54E-01	-2.52E-01	47.74	2.20E-02	3.02E-01	
	-21.00	5.10E-07	2.74E-06	-3.08E-06	2.32E-05	9.38E-06	-4.78E-05	1.33E-05	-1.00E-05				
50	538.67	2.91E-01	2.94E-01	1.99E-01	1.09E+00	4.56E-01	-1.35E+00	1.38E+00	-7.96E-01	45.05	1.38E+00	-1.03E-01	
	-10.00	2.57E-06	2.71E-06	-9.77E-07	8.38E-05	3.51E-05	-1.04E-04	4.45E-05	-3.92E-05				
51	484.67	-3.33E+00	-2.28E+00	-2.41E+00	-6.22E-02	2.64E-01	-1.74E-01	-2.28E+00	-3.33E+00	-86.61	-2.28E+00	6.22E-02	
	8.00	-3.99E-05	4.36E-07	-4.63E-06	-4.79E-06	2.03E-05	-1.34E-05	5.78E-07	-4.00E-05				
52	507.00	8.17E-01	9.87E-01	5.99E-01	5.38E-01	2.14E-01	6.44E-01	1.45E+00	3.57E-01	49.48	1.33E+00	3.39E-01	
	9.00	5.01E-06	1.15E-05	-3.35E-06	4.14E-05	1.65E-05	4.95E-05	2.92E-05	-1.27E-05				
53	603.00	2.84E-02	5.15E-02	7.60E-02	4.39E-01	2.68E-01	-4.23E-01	4.79E-01	-3.99E-01	45.75	-2.43E-01	3.36E-01	
	-18.00	-6.20E-07	2.68E-07	1.21E-06	3.37E-05	2.06E-05	-3.26E-05	1.67E-05	-1.71E-05				
54	712.00	-8.67E-03	1.54E-01	6.87E-02	6.95E-01	7.31E-02	-6.20E-01	7.72E-01	-6.27E-01	48.33	-8.67E-03	6.95E-01	
	-303.00	-3.17E-06	4.21E-06	3.45E-07	6.32E-05	6.65E-06	-5.64E-05	3.23E-05	-3.13E-05				
55	712.00	-3.76E-01	-1.22E-01	-1.49E-01	7.54E-01	2.36E-01	-5.96E-01	5.16E-01	-1.01E+00	49.78	-3.76E-01	7.54E-01	
	-213.00	-8.68E-06	2.86E-06	1.62E-06	6.86E-05	2.15E-05	-5.42E-05	3.19E-05	-3.77E-05				
56	712.00	-5.84E-01	-1.80E-01	-6.19E-02	5.52E-01	5.81E-01	-4.28E-01	2.05E-01	-9.70E-01	55.04	-5.84E-01	5.52E-01	
	-138.00	-8.94E-06	2.32E-07	2.93E-06	2.51E-05	2.64E-05	-1.95E-05	9.00E-06	-1.77E-05				
57	712.00	-1.39E-01	7.38E-02	9.57E-02	3.61E-01	2.47E-01	-4.08E-01	3.44E-01	-4.09E-01	53.19	-1.39E-01	3.61E-01	
	-78.00	-5.67E-06	2.50E-06	3.34E-06	2.78E-05	1.90E-05	-3.14E-05	1.29E-05	-1.61E-05				
58	712.00	-1.74E-01	-5.27E-02	4.77E-02	4.81E-01	2.29E-01	-4.17E-01	3.71E-01	-5.98E-01	48.61	-1.74E-01	4.81E-01	
	-18.00	-4.74E-06	-5.35E-08	3.81E-06	3.70E-05	1.76E-05	-3.21E-05	1.63E-05	-2.10E-05				
59	837.00	-1.93E+00	-1.03E+00	-1.18E+00	5.74E-01	2.93E-01	-4.89E-01	-7.51E-01	-2.21E+00	63.97	-1.03E+00	-5.74E-01	
	-318.00	-3.38E-05	6.89E-06	.00E+00	5.21E-05	2.67E-05	-4.44E-05	1.96E-05	-4.65E-05				
60	987.00	-2.32E-01	8.07E-02	-6.07E-02	1.52E+00	1.48E-01	-9.75E-01	1.46E+00	-1.61E+00	47.93	1.34E+00	-5.79E-01	
	-288.00	-7.80E-06	6.42E-06	.00E+00	1.39E-04	1.34E-05	-6.86E-05	6.89E-05	-7.03E-05				
61	987.00	3.80E-01	3.24E-01	2.82E-01	1.53E+00	-1.66E-02	-7.57E-01	1.88E+00	-1.18E+00	44.47	3.80E-01	1.53E+00	
	-288.00	4.49E-06	1.91E-06	.00E+00	1.39E-04	-1.51E-06	-6.88E-05	7.26E-05	-6.62E-05				
62	1037.00	-1.80E+00	-1.03E+00	-1.13E+00	1.10E+00	1.62E-01	-5.42E-01	-2.46E-01	-2.58E+00	54.69	-1.03E+00	-1.10E+00	
	-318.00	-3.04E-05	4.75E-06	.00E+00	1.00E-04	1.48E-05	-4.92E-05	4.02E-05	-6.59E-05				
63	962.00	-1.19E-02	4.92E-02	1.15E-01	7.70E-01	7.47E-02	-4.86E-01	7.89E-01	-7.52E-01	46.14	-1.19E-02	7.70E-01	
	-213.00	-2.52E-06	2.60E-07	3.25E-06	7.00E-05	6.79E-06	-4.42E-05	3.39E-05	-3.61E-05				
64	1012.00	1.34E-01	1.33E-01	2.20E-01	8.14E-01	1.52E-02	-4.25E-01	9.48E-01	-6.81E-01	44.97	1.34E-01	8.14E-01	
	-213.00	-2.23E-07	-2.54E-07	3.68E-06	7.40E-05	1.38E-06	-3.86E-05	3.68E-05	-3.73E-05				
65	837.00	-1.92E-01	6.07E-03	2.74E-01	6.02E-01	5.40E-01	-5.72E-01	5.17E-01	-7.02E-01	49.66	6.07E-03	-6.02E-01	

	-148.00	-4.82E-06	-3.24E-07	5.76E-06	2.73E-05	2.45E-05	-2.60E-05	1.13E-05	-1.64E-05				
66	937.00	-1.47E-01	2.92E-02	2.50E-01	9.94E-01	1.90E-01	-5.29E-01	9.41E-01	-1.06E+00	47.53	6.92E-01	-6.61E-01	
	-128.00	-4.08E-06	-7.45E-08	5.14E-06	4.53E-05	8.65E-06	-2.41E-05	2.07E-05	-2.48E-05				
67	1037.00	-1.04E+00	-1.60E-01	-4.47E-02	9.94E-01	4.11E-01	-7.52E-01	4.73E-01	-1.69E+00	56.69	-1.80E-01	-9.95E-01	
	-148.00	-1.70E-05	2.53E-06	5.61E-06	4.52E-05	1.87E-05	-3.42E-05	1.74E-05	-3.18E-05				
68	837.00	-4.05E-01	-2.76E-01	-1.06E-01	1.09E+00	3.64E-01	-5.36E-01	7.46E-01	-1.43E+00	46.69	-4.05E-01	1.09E+00	
	-68.00	-6.92E-06	-1.57E-06	4.57E-06	8.36E-05	2.80E-05	-4.12E-05	3.74E-05	-4.63E-05				
69	937.00	-4.40E-01	1.69E-01	1.53E-01	6.69E-01	3.39E-01	-5.50E-01	5.99E-01	-8.71E-01	57.24	1.69E-01	-6.69E-01	
	-88.00	-1.56E-05	7.70E-06	7.19E-06	5.14E-05	2.60E-05	-4.23E-05	2.43E-05	-3.22E-05				
70	1037.00	1.69E-01	3.80E-01	4.56E-01	1.13E+00	-1.20E-01	-1.28E+00	1.41E+00	-8.55E-01	47.67	1.13E+00	-7.44E-01	
	-68.00	-4.55E-06	3.57E-06	6.50E-06	8.68E-05	-9.24E-06	-9.85E-05	4.31E-05	-4.41E-05				
71	862.00	-2.88E-01	-1.12E-01	7.57E-02	4.81E-01	2.94E-01	-4.16E-01	2.89E-01	-6.89E-01	50.18	-2.88E-01	4.81E-01	
	-18.00	-7.51E-06	-7.46E-07	6.48E-06	3.70E-05	2.26E-05	-3.20E-05	1.47E-05	-2.29E-05				
72	1012.00	1.47E-01	2.15E-01	4.06E-01	5.21E-01	-4.41E-02	-3.10E-01	7.02E-01	-3.41E-01	46.86	1.47E-01	5.21E-01	
	-18.00	-2.79E-06	-1.80E-07	7.19E-06	4.01E-05	-3.39E-06	-2.38E-05	1.96E-05	-2.16E-05				
73	1387.00	1.19E-01	1.44E-01	1.49E-01	5.61E-01	1.27E-02	-8.23E-02	6.93E-01	-4.30E-01	45.63	1.19E-01	5.61E-01	
	-303.00	6.73E-08	1.19E-06	1.42E-06	5.10E-05	1.16E-06	-7.48E-06	2.61E-05	-2.49E-05				
74	1387.00	3.21E-02	3.24E-02	1.59E-01	6.11E-01	3.80E-02	-1.12E-01	6.43E-01	-5.76E-01	45.01	3.21E-02	6.11E-01	
	-213.00	-1.44E-06	-1.43E-06	4.32E-06	5.55E-05	3.45E-06	-1.01E-05	2.63E-05	-2.92E-05				
75	1387.00	-1.64E-02	9.03E-02	3.76E-01	4.55E-01	9.32E-02	-4.78E-02	4.95E-01	-4.21E-01	48.34	-1.64E-02	4.55E-01	
	-138.00	-2.73E-06	-3.09E-07	6.19E-06	2.07E-05	4.24E-06	-2.17E-06	8.90E-06	-1.19E-05				
76	1187.00	-2.99E-01	-2.05E-01	4.85E-03	6.20E-01	2.57E-01	2.87E-01	3.70E-01	-8.74E-01	47.18	-2.99E-01	6.20E-01	
	-68.00	-6.03E-06	-2.39E-06	5.68E-06	4.77E-05	1.98E-05	2.21E-05	1.97E-05	-2.81E-05				
77	1387.00	-2.73E-01	-1.75E-01	1.24E-01	4.03E-01	1.80E-01	-2.41E-01	1.83E-01	-6.30E-01	48.49	-1.75E-01	-4.03E-01	
	-88.00	-6.95E-06	-3.15E-06	8.32E-06	3.10E-05	1.38E-05	-1.86E-05	1.06E-05	-2.07E-05				
78	1587.00	4.92E-02	6.78E-02	3.12E-01	4.34E-01	-3.82E-02	8.09E-02	4.93E-01	-3.76E-01	45.61	2.34E-01	-3.97E-01	
	-68.00	-2.82E-06	-2.10E-06	7.27E-06	3.34E-05	-2.94E-06	6.22E-06	1.42E-05	-1.92E-05				
79	1237.00	-3.22E-01	-1.02E-01	1.10E-01	4.04E-01	2.23E-01	-1.26E-01	2.07E-01	-6.30E-01	52.62	-3.22E-01	4.04E-01	
	-18.00	-9.01E-06	-5.49E-07	7.88E-06	3.11E-05	1.71E-05	-9.68E-06	1.13E-05	-2.09E-05				
80	1433.80	-1.90E-01	-1.04E-01	1.87E-01	4.77E-01	6.16E-02	-7.40E-02	3.32E-01	-6.26E-01	47.56	-1.90E-01	4.77E-01	
	-8.00	-6.13E-06	-2.84E-06	8.38E-06	3.67E-05	4.74E-06	-5.69E-06	1.39E-05	-2.25E-05				
81	1533.80	-3.00E-01	-8.50E-02	1.42E-01	3.10E-01	1.52E-02	-4.20E-02	1.35E-01	-5.20E-01	54.57	-8.50E-02	-3.10E-01	
	-28.00	-8.87E-06	-5.99E-07	8.14E-06	2.38E-05	1.17E-06	-3.23E-06	7.87E-06	-1.73E-05				
82	1633.80	-2.55E-01	-5.93E-02	1.52E-01	7.89E-02	-6.82E-02	4.29E-02	-3.15E-02	-2.83E-01	70.55	-3.16E-02	5.08E-03	
	-8.00	-8.03E-06	-5.00E-07	7.64E-06	6.07E-06	-5.24E-06	3.30E-06	5.72E-07	-9.10E-06				
83	1433.80	-1.35E+00	-5.82E-01	-4.36E-01	3.40E-01	4.22E-01	-9.11E-02	-4.53E-01	-1.48E+00	69.21	-5.82E-01	-3.40E-01	
	27.60	-2.59E-05	3.63E-06	9.25E-06	2.62E-05	3.25E-05	-7.01E-06	8.60E-06	-3.09E-05				
84	1296.10	-4.66E-01	-5.07E-02	1.18E-01	3.77E-01	2.29E-01	-2.06E-01	1.72E-01	-6.89E-01	59.44	-2.83E-01	-4.29E-01	
	40.70	-1.35E-05	2.44E-06	8.91E-06	2.90E-05	1.76E-05	-1.59E-05	1.10E-05	-2.21E-05				
85	1148.60	-2.04E-01	7.69E-02	2.19E-01	4.31E-01	2.29E-01	1.58E-01	3.90E-01	-5.17E-01	54.02	3.14E-01	2.51E-01	
	57.33	-8.86E-06	1.95E-06	7.42E-06	3.32E-05	1.76E-05	1.21E-05	1.40E-05	-2.09E-05				
86	1131.40	-1.70E+00	-8.09E-01	-6.07E-01	1.58E-01	8.18E-01	5.00E-02	-7.82E-01	-1.73E+00	80.29	-8.09E-01	-1.58E-01	
	112.00	-3.12E-05	3.14E-06	1.09E-05	1.21E-05	6.29E-05	3.85E-06	4.18E-06	-3.23E-05				
87	1019.80	-5.03E-01	-7.37E-02	7.36E-02	5.25E-01	3.82E-01	-9.03E-01	2.79E-01	-8.55E-01	56.11	-7.37E-02	-5.25E-01	
	34.67	-1.38E-05	2.69E-06	8.35E-06	4.04E-05	2.94E-05	-6.94E-05	1.63E-05	-2.74E-05				
88	886.60	-2.00E-01	-1.44E-02	1.66E-01	3.86E-01	1.77E-01	-4.15E-01	2.89E-01	-5.04E-01	51.77	-2.00E-01	3.86E-01	
	46.00	-7.17E-06	-1.87E-08	6.92E-06	2.97E-05	1.36E-05	-3.19E-05	1.17E-05	-1.89E-05				
89	869.80	-1.16E+00	-4.79E-01	-3.32E-01	1.69E-01	5.30E-01	-1.30E-03	-4.39E-01	-1.20E+00	76.81	-4.79E-01	-1.69E-01	
	96.00	-2.20E-05	3.22E-06	8.87E-06	1.30E-05	4.08E-05	-1.00E-07	4.74E-06	-2.44E-05				
90	952.60	-1.17E-01	5.92E-01	4.85E-01	6.54E-01	2.18E-01	-4.59E-01	9.82E-01	-5.07E-01	59.23	8.10E-01	-4.75E-01	
	128.00	-1.51E-05	1.22E-05	8.10E-06	5.03E-05	1.67E-05	-3.53E-05	2.72E-05	-3.00E-05				
91	869.80	-3.30E-01	-9.52E-02	8.49E-02	2.44E-01	2.59E-01	2.08E-02	5.77E-02	-4.83E-01	57.89	-3.30E-01	2.44E-01	
	160.00	-8.96E-06	8.23E-08	7.01E-06	1.87E-05	1.98E-05	1.60E-06	5.96E-06	-1.48E-05				
92	869.80	-1.53E+00	-4.63E-01	-4.02E-01	1.16E-01	9.58E-01	-1.63E-01	-4.51E-01	-1.54E+00	83.87	-4.63E-01	-1.16E-01	
	203.60	-3.24E-05	8.46E-06	1.08E-05	8.89E-06	7.37E-05	-1.26E-05	8.94E-06	-3.29E-05				
93	598.67	-1.95E-02	6.53E-02	1.12E-01	7.45E-01	6.96E-01	-9.51E-01	7.69E-01	-7.23E-01	46.63	6.53E-02	-7.45E-01	
	16.00	-2.48E-06	7.76E-07	2.58E-06	5.73E-05	5.35E-05	-7.32E-05	2.78E-05	-2.96E-05				
94	645.75	-1.40E-01	-3.30E-02	3.39E-02	4.76E-01	2.73E-01	-4.07E-01	3.92E-01	-5.65E-01	48.21	-1.40E-01	4.76E-01	
	24.00	-3.86E-06	2.62E-07	2.83E-06	3.66E-05	2.10E-05	-3.13E-05	1.66E-05	-2.02E-05				
95	613.10	-3.20E-01	-4.39E-01	-2.56E-01	7.88E-01	3.27E-01	1.98E-01	4.10E-01	-1.17E+00	42.84	-3.20E-01	7.88E-01	
	69.33	-1.15E-06	-5.73E-06	1.30E-06	6.06E-05	2.52E-05	1.53E-05	2.69E-05	-3.36E-05				
96	708.45	-2.77E-01	-3.38E-02	5.37E-02	3.87E-01	2.84E-01	-2.78E-01	2.50E-01	-5.61E-01	53.73	-2.79E-01	-3.86E-01	
	55.00	-7.94E-06	1.53E-06	4.89E-06	2.98E-05	2.19E-05	[illegible]4E-05	1.25E-05	-1.86E-05				
97	613	[illegible]8.99E-01	-3.63E-01	-3.05E-01	2.24E-01	1.05E+00	[illegible]E-01	-2.82E-01	-9.80E-01	70.06	-3.63E-01	-2.[illegible]	

	96.	1.74E-05	3.26E-06	5.50E-06	1.72E-05	8.05E-05	[illegible]E-05	6.38E-06	-2.05E-05				
98	682.	[illegible].19E-01	-4.83E-02	2.51E-02	4.81E-01	3.28E-01	[illegible]E-01	3.03E-01	-6.90E-01	52.30	2.58E-01	-2.06[illegible]	
	112.0	[illegible].28E-06	1.35E-06	4.94E-06	3.70E-05	2.52E-05	[illegible]1E-05	1.56E-05	-2.26E-05				
99	751.43	-8.76E-01	3.52E-01	5.45E-02	6.09E-01	6.24E-01	-8.03E-01	6.28E-01	-1.12E+00	67.98	3.82E-01	-6.08E-01	
	96.00	-2.89E-05	1.95E-05	6.93E-06	4.68E-05	4.50E-05	-6.18E-05	2.90E-05	-3.83E-05				
100	683.25	-2.18E-01	2.66E-02	1.22E-01	1.94E-01	2.56E-01	-3.30E-01	1.34E-01	-3.25E-01	61.11	-2.18E-01	1.94E-01	
	152.00	-7.62E-06	1.79E-06	5.45E-06	1.49E-05	1.97E-05	-2.54E-05	5.91E-06	-1.17E-05				
101	648.67	-1.35E+00	-5.84E-01	-4.95E-01	7.28E-02	7.11E-01	-1.32E-01	-5.77E-01	-1.36E+00	84.65	-5.84E-01	-7.28E-02	
	192.00	-2.53E-05	4.29E-06	7.68E-06	5.60E-06	5.47E-05	-1.02E-05	4.55E-06	-2.56E-05				
102	725.25	-1.59E-01	1.69E-01	2.27E-01	2.38E-01	2.00E-01	-2.63E-01	2.94E-01	-2.84E-01	62.31	1.87E-02	-2.89E-01	
	232.70	-8.73E-06	3.90E-06	6.13E-06	1.83E-05	1.54E-05	-2.02E-05	8.70E-06	-1.35E-05				
103	635.50	-2.57E-01	-3.66E-01	-9.18E-02	-3.82E-02	1.62E-01	2.19E-01	-2.45E-01	-3.78E-01	-17.50	-2.57E-01	-3.82E-02	
	256.00	-2.02E-06	-6.22E-06	4.32E-06	-2.94E-05	1.25E-05	1.69E-05	-1.56E-06	-6.68E-06				
104	635.50	-3.91E-01	-2.86E-01	-4.00E-04	-6.05E-02	5.53E-01	-1.16E-02	-2.59E-01	-4.19E-01	-65.42	-2.86E-01	6.05E-02	
	290.67	-7.59E-06	-3.87E-06	7.43E-06	-4.65E-05	4.26E-05	-8.95E-07	-2.50E-06	-8.65E-06				
105	569.00	1.75E-01	1.19E-01	1.31E-01	8.07E-01	3.30E-01	-7.86E-01	9.54E-01	-6.61E-01	43.99	1.75E-01	8.07E-01	
	16.50	2.08E-06	-1.13E-07	3.62E-07	6.21E-05	2.54E-05	-6.04E-05	3.20E-05	-3.01E-05				
106	508.50	1.53E+00	1.06E+00	1.02E+00	5.51E-01	7.76E-01	-2.13E-01	1.89E+00	6.95E-01	33.53	1.06E+00	-5.51E-01	
	13.00	1.91E-05	1.11E-06	-3.13E-07	4.24E-05	5.97E-05	-1.63E-05	3.31E-05	-1.29E-05				
107	521.00	4.57E-01	2.55E-01	2.13E-01	7.84E-01	2.63E-01	-4.04E-01	1.15E+00	-4.35E-01	41.32	4.57E-01	7.84E-01	
	15.75	7.43E-06	-3.62E-07	-1.99E-06	6.03E-05	2.03E-05	-3.11E-05	3.39E-05	-2.69E-05				
108	526.25	4.02E-01	2.26E-01	2.01E-01	8.62E-01	2.29E-01	-4.24E-01	1.18E+00	-5.52E-01	42.09	4.02E-01	8.62E-01	
	21.00	6.35E-06	-4.06E-07	-1.39E-06	6.63E-05	1.76E-05	-3.26E-05	3.63E-05	-3.04E-05				
109	515.50	9.51E-01	6.81E-01	6.87E-01	1.06E+00	5.87E-01	-2.14E-01	1.88E+00	-2.48E-01	41.36	6.81E-01	-1.06E+00	
	26.00	1.11E-05	7.05E-07	9.53E-07	8.12E-05	4.51E-05	-1.65E-05	4.68E-05	-3.50E-05				
110	531.50	1.78E-01	1.53E-01	1.25E-01	7.13E-01	1.69E-01	-3.80E-01	8.78E-01	-5.47E-01	44.49	1.78E-01	7.13E-01	
	34.50	1.84E-06	8.66E-07	-1.97E-07	5.48E-05	1.30E-05	-2.92E-05	2.88E-05	-2.61E-05				
111	515.50	-6.01E-01	-9.21E-01	-6.56E-01	2.04E+00	1.43E-01	6.55E-01	1.29E+00	-2.81E+00	62.75	-6.01E-01	2.04E+00	
	44.00	8.27E-07	-1.15E-05	-1.29E-06	1.57E-04	1.10E-05	3.50E-05	7.34E-05	-8.41E-05				
112	515.50	-2.48E-01	-1.03E-01	-8.40E-02	4.76E-01	3.84E-01	-1.78E-01	3.06E-01	-6.58E-01	49.33	-1.03E-01	-4.76E-01	
	53.33	-4.76E-06	8.18E-07	1.55E-06	3.67E-05	2.95E-05	-1.37E-05	1.66E-05	-2.05E-05				
113	547.50	-1.27E-01	3.97E-01	1.61E-01	7.91E-01	2.07E-01	-1.06E+00	9.68E-01	-6.98E-01	54.16	6.40E-01	-6.63E-01	
	64.00	-9.62E-06	1.05E-05	1.46E-06	6.08E-05	1.59E-05	-8.12E-05	3.25E-05	-3.16E-05				
114	515.50	-6.23E-01	-6.95E-01	-5.06E-01	8.44E-01	7.39E-02	-1.90E-02	1.86E-01	-1.50E+00	63.78	-6.23E-01	8.44E-01	
	74.67	-3.92E-06	-6.69E-06	5.86E-07	6.49E-05	5.68E-06	-1.46E-06	2.72E-05	-3.78E-05				
115	515.50	-1.36E+00	-8.14E-01	-8.12E-01	3.15E-01	2.58E-01	-1.74E-01	-6.70E-01	-1.50E+00	65.45	-8.14E-01	-3.15E-01	
	88.00	-1.95E-05	1.50E-06	1.59E-06	2.42E-05	1.99E-05	-1.34E-05	7.03E-06	-2.50E-05				
116	547.50	-6.89E-01	6.33E-02	-1.96E-01	1.01E+00	1.55E-01	-6.25E-01	7.68E-01	-1.39E+00	55.18	4.96E-01	-7.17E-01	
	104.00	-1.75E-05	1.15E-05	1.49E-06	7.80E-05	1.19E-05	-4.81E-05	3.86E-05	-4.46E-05				
117	515.50	-1.67E-01	-1.48E-01	-4.99E-02	6.97E-01	2.96E-02	-1.82E-01	5.40E-01	-8.55E-01	45.40	-1.67E-01	6.97E-01	
	120.00	-2.42E-06	-1.68E-06	2.09E-06	5.36E-05	2.28E-06	-1.40E-05	2.48E-05	-2.89E-05				
118	515.50	-8.34E-01	-4.67E-01	-4.10E-01	2.69E-01	1.58E-01	-1.45E-01	-3.25E-01	-9.76E-01	62.19	-4.67E-01	-2.69E-01	
	136.00	-1.33E-05	8.56E-07	3.02E-06	2.07E-05	1.21E-05	-1.11E-05	6.30E-06	-1.87E-05				
119	547.50	-6.30E-01	-1.97E-01	-2.27E-01	6.25E-01	8.78E-02	-2.56E-01	2.48E-01	-1.07E+00	54.57	7.17E-02	-4.49E-01	
	152.00	-1.27E-05	4.02E-06	2.84E-06	4.81E-05	6.75E-06	-1.97E-05	2.11E-05	-2.97E-05				
120	515.50	-3.06E-01	-2.51E-01	-9.92E-02	4.36E-01	4.89E-02	5.52E-02	1.59E-01	-7.16E-01	46.82	-3.06E-01	4.36E-01	
	168.00	-4.57E-06	-2.44E-06	3.40E-06	3.36E-05	3.75E-06	4.25E-06	1.33E-05	-2.03E-05				
121	515.50	-1.18E+00	-6.84E-01	-5.86E-01	2.03E-01	2.38E-01	-1.05E-01	-6.11E-01	-1.25E+00	70.35	-6.84E-01	-2.03E-01	
	184.00	-1.84E-05	6.14E-07	4.37E-06	1.56E-05	1.83E-05	-8.06E-06	3.40E-06	-2.12E-05				
122	547.50	-3.02E-01	3.47E-01	1.68E-01	7.19E-01	1.10E-01	-4.91E-01	8.12E-01	-7.67E-01	57.14	6.47E-01	-4.82E-01	
	200.00	-1.40E-05	1.10E-05	4.12E-06	5.53E-05	8.47E-06	-3.78E-05	2.89E-05	-3.18E-05				
123	515.50	1.93E-01	3.19E-01	3.70E-01	3.02E-01	4.59E-03	5.12E-02	5.65E-01	-5.34E-02	50.89	1.93E-01	3.02E-01	
	216.00	-2.28E-06	2.57E-06	4.54E-06	2.33E-05	3.53E-07	3.94E-06	1.20E-05	-1.17E-05				
124	515.50	-3.08E-01	-1.18E-01	2.35E-02	7.30E-02	1.28E-01	-7.07E-02	-9.31E-02	-3.33E-01	71.24	-1.18E-01	-7.30E-02	
	232.00	-7.42E-06	-1.12E-07	5.32E-06	5.61E-06	9.84E-06	-5.44E-06	8.41E-07	-8.38E-06				
125	547.50	1.60E-02	1.74E-01	2.58E-01	1.62E-01	3.97E-02	-5.21E-01	2.75E-01	-8.53E-02	57.98	2.41E-01	-1.06E-01	
	248.00	-4.31E-06	1.76E-06	5.01E-06	1.25E-05	3.06E-06	-4.01E-05	5.65E-06	-8.20E-06				
126	515.50	4.55E-01	6.37E-01	6.13E-01	-8.94E-02	-7.59E-02	-1.18E-01	6.73E-01	4.18E-01	-67.76	4.55E-01	-8.94E-02	
	264.00	-1.25E-06	5.75E-06	4.86E-06	-6.87E-06	-5.84E-06	-5.05E-06	7.16E-06	-2.65E-06				
127	515.50	-3.06E-02	3.34E-02	1.59E-01	1.32E-02	-9.51E-02	-4.60E-02	3.60E-02	-3.32E-02	78.83	3.34E-02	-1.32E-02	
	276.00	-2.96E-06	-4.97E-07	4.35E-06	1.01E-06	-7.32E-06	-3.54E-06	-3.97E-07	-3.06E-06				
128	531.50	2.59E-01	1.41E-01	3.21E-01	6.19E-03	-6.82E-02	-2.77E-02	2.59E-01	1.41E-01	3.01	2.59E-01	6.19E-03	
	297.00	2.03E-06	-2.48E-06	4.41E-06	4.76E-07	-5.24E-06	-2.13E-06	2.04E-06	-2.49E-06				
129	515.50	8.43E-01	6.10E-01	7.36E-01	-1.75E-01	-6.84E-02	-1.86E-02	9.37E-01	5.15E-01	-28.20	8.43E-01	-1.75E-01	

	320.00	8.37E-06	-5.97E-07	4.25E-06	-1.35E-05	-5.26E-06	-1.43E-06	1.20E-05	-4.22E-06				
183	565.50	2.73E-02	3.73E-02	-8.02E-03	1.20E+00	4.31E-01	-6.91E-01	1.24E+00	-1.17E+00	45.12	2.73E-02	1.20E+00	
	-8.00	4.30E-07	8.31E-07	-9.30E-07	9.26E-05	3.31E-05	-6.85E-08	4.65E-05	-4.57E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .1000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.7779E+01	-.4987E+02	.4689E+02	.1072E+02	.2303E+02	-.1606E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1862E+01	.9096E+00	.4533E+00	.1010E+02	-.6318E+01	-.8902E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1894E+01	-.3462E+00	.2324E+00	.1667E+02	-.1455E+02	-.1623E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2645E+01	.5879E+00	.6990E-01	.2350E+02	-.2277E+02	-.2390E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.3207E+01	-.5157E+00	.8721E-01	.3059E+02	-.3112E+02	-.3229E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5548E+00	-.1380E+00	.1894E+00	.4214E+02	-.3934E+02	-.4278E+02
25	.5466E+01	.8993E+00	.5824E-01	.5275E+02	-.4329E+02	-.5328E+02
26	-.6431E+01	-.9170E+00	.6351E-01	.5677E+02	-.4595E+02	-.6098E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2620E+02	-.5386E+01	.1149E+01	.5780E+02	-.6407E+02	-.6727E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.5871E+03	.9839E+02	-.1699E+01	.8475E+02	-.1712E+03	-.1087E+03
40	.3864E+03	.5749E+02	.3155E+01	.7898E+02	-.1689E+03	-.9905E+02
41	.2276E+03	.2790E+02	.6440E+01	.6742E+02	-.1531E+03	-.8527E+02
42	.4409E+02	.1255E+01	.5049E+01	.5800E+02	-.1092E+03	-.7402E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.4424E+03	-.5553E+02	-.2110E+01	.1007E+02	-.1820E+03	.6681E+02
48	-.3821E+03	-.4834E+02	-.2530E+01	.3165E+02	-.1673E+03	.4704E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.7923E+03	-.1204E+03	-.3813E+01	.1454E+01	-.1219E+03	.1771E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
	.1726E+01	.5465E+01	.1265E+00	.52[illegible]1	-.1783E+03	.6351E+02
	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.5437E+03	-.8238E+02	-.3782E+01	.1026E+02	-.9714E+02	.1644E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.3818E+03	-.5804E+02	-.5045E+01	.8371E+01	-.8987E+02	.1595E+03
66	-.1307E+03	-.2021E+02	-.6340E+01	.7508E+01	-.7030E+02	.1661E+03
67	.2542E+03	.3769E+02	-.6395E+01	.7279E+01	-.4996E+02	.1652E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.4514E+03	.6737E+02	-.5355E+01	.2990E+02	-.3061E+02	.1754E+03
76	-.4913E+02	-.7486E+01	-.3762E+01	.3797E+02	-.6271E+01	.1805E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1922E+03	.2899E+02	-.2828E+01	.4104E+02	.2298E+02	.1732E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.7949E+02	-.1160E+02	-.2052E+01	.5288E+02	.4093E+02	.1714E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1139E+03	.1767E+02	-.1847E+01	.4164E+02	.6629E+02	.1572E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.6967E+02	-.9712E+01	-.1528E+01	.3528E+02	.8141E+02	.1427E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.9153E+02	.1317E+02	-.1542E+01	.3509E+02	.1027E+03	.1292E+03
109	-.4802E+02	-.6132E+01	-.1370E+01	.3394E+02	.1167E+03	.1112E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.6969E+02	.1172E+02	-.1315E+01	.2069E+02	.1334E+03	.9449E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.4549E+02	.8167E+01	-.2773E+00	.1200E+02	.1405E+03	.7645E+02
115	.9595E+01	.2860E+01	.9908E-01	.1953E+01	.1419E+03	.5674E+02
116	.5191E+02	.9376E+01	.6152E+00	-.3261E+01	.1479E+03	.4655E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4592E+02	.9954E+01	.1107E+01	.4055E+01	.1517E+03	.3813E+02

119	.3345E+02	.6551E+01	.1652E+01	-.1142E+02	.1373E+03	.2572E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.7903E+02	.9775E+01	.4808E+01	-.9543E+01	.1163E+03	.1617E+02
122	.6679E+02	.4264E+01	.7533E+01	.4784E+01	.1121E+03	.1304E+02
123	.5066E+02	.2743E+01	.6555E+01	.3566E+01	.9779E+02	.1167E+02
124	.3699E+02	.1974E+01	.4513E+01	.2718E+01	.8041E+02	.1056E+02
125	.2405E+02	.8767E+00	.3297E+01	.2011E+01	.6636E+02	.9502E+01
126	.6930E+01	-.1772E+01	.3069E+01	.1109E+01	.5560E+02	.8374E+01
127	-.5695E+01	-.3868E+01	.3121E+01	.4803E+00	.4728E+02	.6951E+01
128	-.1937E+02	-.5541E+01	.2925E+01	-.9731E+00	.3037E+02	.5360E+01
129	-.1840E+02	-.4768E+01	.2386E+01	-.1663E+01	.1688E+02	.3994E+01
130	-.1270E+02	-.2902E+01	.1668E+01	-.1839E+01	.7096E+01	.3091E+01
131	-.3267E+01	-.5101E+00	.1042E+01	-.1600E+01	.2030E+01	.2589E+01
132	.4122E+00	.2426E+00	.7519E+00	-.9821E+00	.2474E+01	.2273E+01
133	.6299E+00	.1027E+00	.7025E+00	-.6367E+00	.3068E+01	.1935E+01
134	.1760E+00	.5516E-01	.7099E+00	-.4830E+00	.2644E+01	.1528E+01
135	.2071E-02	.1911E-02	.8009E+00	-.3754E+00	.1867E+01	.1124E+01
136	-.1058E-01	.2568E-02	.1064E+01	-.2690E+00	.1200E+01	.7488E+00
137	-.2263E-01	-.7726E-02	.1673E+01	-.1977E+00	.5411E+00	.4093E+00
138	.4981E-02	.3907E-01	.2811E+02	-.1445E+00	-.1467E+00	.2078E+00
139	.2912E-01	.4721E-01	-.1001E+02	-.2172E-01	.7958E-01	-.8258E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.17616E-01	-.97783E-04	.17600E-01	.00000E+00
3	-.32278E-01	-.32312E-03	.32303E-01	.00000E+00
4	-.35107E-01	-.31301E-03	.35085E-01	.00000E+00
5	-.38030E-01	-.36521E-04	.38045E-01	.00000E+00
6	-.43228E-01	.11938E-04	.43223E-01	-.46851E-05
7	-.39516E-01	-.52091E-03	.40015E-01	.00000E+00
8	-.43351E-01	-.38784E-03	.43481E-01	-.76437E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.17464E-01	-.15127E-03	.17620E-01	.00000E+00
11	-.32532E-01	-.31779E-03	.32954E-01	.00000E+00
12	-.36605E-01	-.33885E-03	.36893E-01	.00000E+00
13	-.39510E-01	-.25694E-03	.39728E-01	.00000E+00
14	-.43622E-01	-.31763E-03	.44160E-01	-.22027E-05
15	-.40115E-01	-.63531E-03	.41664E-01	.00000E+00
16	-.44022E-01	-.49174E-03	.45278E-01	.28312E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.17678E-01	-.17181E-03	.18291E-01	.00000E+00
19	-.33216E-01	-.28835E-03	.34517E-01	.00000E+00
20	-.37300E-01	-.35313E-03	.38825E-01	.00000E+00
21	-.40526E-01	-.15021E-03	.41906E-01	.00000E+00
22	-.44578E-01	-.13432E-03	.46841E-01	.46911E-06
23	-.41705E-01	-.83249E-03	.45238E-01	.00000E+00
24	-.45260E-01	-.63362E-03	.48896E-01	-.11771E-04
25	-.45735E-01	-.91385E-03	.50229E-01	.12209E-05
26	-.46011E-01	-.79663E-03	.51020E-01	.88377E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.17844E-01	-.32058E-03	.18840E-01	.00000E+00
29	-.34159E-01	-.52109E-03	.36052E-01	.00000E+00
30	-.38223E-01	-.54191E-03	.41076E-01	.00000E+00
31	-.42000E-01	-.73769E-03	.45803E-01	.00000E+00
32	-.46306E-01	-.89239E-03	.51899E-01	-.32921E-04
33	-.41936E-01	-.12789E-02	.45783E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.17720E-01	-.54766E-03	.18855E-01	.00000E+00
	-.34532E-01	-.65115E-03	.36393E-01	.00000E+00
	-.38715E-01	-.70138E-03	.40876E-01	.00000E+00
	-.43253E-01	-.82182E-03	.47486E-01	.00000E+00

40	-.46806E-01	-.12512E-02	.53387E-01	[illegible]592E-04
41	-.46716E-01	-.14505E-02	.53040E-01	[illegible]294E-05
41	-.46630E-01	-.14500E-02	.52718E-01	-.77701E-05
42	-.46504E-01	-.12522E-02	.52356E-01	-.24492E-04
43	-.38623E-01	-.10162E-02	.39955E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.16905E-01	.37362E-03	.17191E-01	.00000E+00
46	-.24800E-01	-.48903E-03	.34854E-01	.00000E+00
47	-.46849E-01	-.10189E-02	.53515E-01	.24797E-04
48	-.46836E-01	-.11296E-02	.53503E-01	.39077E-04
49	-.43218E-01	-.39326E-03	.47070E-01	.00000E+00
50	-.47300E-01	-.11223E-02	.53715E-01	.11016E-03
51	-.43879E-01	-.10757E-02	.45942E-01	.00000E+00
52	-.49145E-01	-.94000E-03	.50461E-01	.00000E+00
53	-.46882E-01	-.89017E-03	.53565E-01	.37301E-05
54	-.38644E-01	-.43075E-03	.37208E-01	.00000E+00
55	-.43352E-01	-.90074E-03	.41157E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.14612E-01	-.14905E-02	.12625E-01	.00000E+00
58	-.31395E-01	-.69934E-03	.24342E-01	.00000E+00
59	-.50247E-01	-.52254E-03	.47771E-01	.00000E+00
60	-.49349E-01	-.86246E-03	.49034E-01	.00000E+00
61	-.47723E-01	-.11227E-02	.53852E-01	.16858E-03
62	-.36818E-01	-.16180E-03	.29440E-01	.00000E+00
63	-.42310E-01	.74533E-04	.35479E-01	.00000E+00
64	-.50156E-01	-.87962E-03	.51178E-01	.00000E+00
65	-.48293E-01	-.11238E-02	.53980E-01	.20888E-03
66	-.49701E-01	-.11232E-02	.54238E-01	.25292E-03
67	-.51215E-01	-.11176E-02	.54517E-01	.24055E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.11572E-01	.26493E-03	.77016E-02	.00000E+00
70	-.33334E-01	.15444E-03	.24844E-01	.00000E+00
71	-.49220E-01	.34283E-03	.40911E-01	.00000E+00
72	-.51560E-01	-.73530E-03	.51302E-01	.00000E+00
73	-.41042E-01	.15898E-03	.28726E-01	.00000E+00
74	-.54707E-01	-.68502E-03	.53638E-01	.00000E+00
75	-.52500E-01	-.11137E-02	.54765E-01	.18236E-03
76	-.56217E-01	-.11511E-02	.55246E-01	.12682E-03
77	-.47100E-01	.67343E-03	.34660E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.13909E-01	-.38923E-03	.10216E-01	.00000E+00
80	-.32033E-01	.54555E-03	.22155E-01	.00000E+00
81	-.35445E-01	.66000E-03	.24240E-01	.00000E+00
82	-.39614E-01	.97991E-03	.28610E-01	.00000E+00
83	-.54896E-01	.67321E-03	.45499E-01	.00000E+00
84	-.51953E-01	.10214E-02	.38568E-01	.00000E+00
85	-.56157E-01	-.11509E-02	.55847E-01	.10107E-03
86	-.56717E-01	-.68706E-03	.55242E-01	.00000E+00
87	-.47585E-01	.84799E-03	.33076E-01	.00000E+00
88	-.56916E-01	-.32405E-03	.50940E-01	.00000E+00
89	-.57492E-01	-.12037E-02	.56443E-01	.81003E-04
90	-.37083E-01	.29307E-03	.19499E-01	.00000E+00
91	-.39660E-01	.55620E-03	.21223E-01	.00000E+00
92	-.42376E-01	.25577E-04	.22504E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.16184E-01	.00000E+00	.85128E-02	.00000E+00
95	-.29628E-01	.00000E+00	.15090E-01	.00000E+00
96	-.33834E-01	.00000E+00	.17175E-01	.00000E+00
97	-.35354E-01	.00000E+00	.17158E-01	.00000E+00
98	-.34805E-01	.00000E+00	.16765E-01	.00000E+00
99	-.37858E-01	-.11035E-03	.18271E-01	.00000E+00
100	-.46120E-01	.11434E-03	.26100E-01	.00000E+00
101	-.55158E-01	.23323E-04	.38794E-01	.00000E+00
102	-.50543E-01	-.12469E-02	.57293E-01	.73017E-04

103	-.57537E-01	.33921E-03	.46792E-01	.00000E+00
104	-.60464E-01	-.55915E-03	.57293E-01	.00000E+00
105	-.60977E-01	-.12712E-02	.58039E-01	.63351E-04
106	-.60051E-01	.41197E-03	.51221E-01	.00000E+00
107	-.62862E-01	-.10460E-02	.53312E-01	.00000E+00
108	-.62641E-01	-.12897E-02	.58736E-01	.60540E-04
109	-.63833E-01	-.13940E-02	.59323E-01	.51181E-04
110	-.63257E-01	-.12071E-02	.54150E-01	.00000E+00
111	-.65429E-01	-.14742E-02	.59999E-01	.00000E+00
112	-.65133E-01	-.13185E-02	.59827E-01	.45845E-04
113	-.64946E-01	-.81114E-03	.56510E-01	.00000E+00
114	-.65853E-01	-.12753E-02	.60210E-01	.17766E-04
115	-.66109E-01	-.12566E-02	.60507E-01	.50878E-05
116	-.66121E-01	-.11920E-02	.60669E-01	-.48878E-05
117	-.65821E-01	-.15747E-02	.61254E-01	.00000E+00
118	-.66020E-01	-.11761E-02	.60739E-01	-.12131E-04
119	-.65674E-01	-.11410E-02	.60814E-01	-.22228E-04
120	-.66410E-01	-.12499E-02	.61422E-01	.00000E+00
121	-.64962E-01	-.10720E-02	.60819E-01	-.39448E-04
122	-.64881E-01	-.74226E-03	.60897E-01	-.47643E-04
123	-.64760E-01	-.43375E-03	.60958E-01	-.54046E-04
124	-.64622E-01	-.83929E-04	.61019E-01	-.61328E-04
125	-.64437E-01	.31435E-03	.61082E-01	-.69859E-04
126	-.64076E-01	.10745E-02	.61197E-01	-.79462E-04
127	-.63692E-01	.18839E-02	.61287E-01	-.80284E-04
128	-.62966E-01	.35126E-02	.61493E-01	-.64273E-04
129	-.62482E-01	.46750E-02	.61602E-01	-.40705E-04
130	-.62222E-01	.53631E-02	.61888E-01	-.13459E-04
131	-.62297E-01	.52052E-02	.62201E-01	.15326E-04
132	-.62591E-01	.42944E-02	.62476E-01	.22740E-04
133	-.62850E-01	.33424E-02	.62716E-01	.18971E-04
134	-.63016E-01	.26012E-02	.62911E-01	.15134E-04
135	-.63129E-01	.19703E-02	.63067E-01	.13812E-04
136	-.63210E-01	.13551E-02	.63182E-01	.13969E-04
137	-.63257E-01	.75338E-03	.63249E-01	.13841E-04
138	-.63290E-01	.11384E-03	.63290E-01	.14456E-04
139	-.63290E-01	.14076E-04	.63290E-01	.14115E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-4.54E-03	-4.66E-02	-5.40E-03	-2.15E+00	-4.59E-03	2.16E+00	2.12E+00	-2.17E+00	-44.72	-4.54E-03	-2.15E+00
	-303.00	5.28E-07	-1.38E-06	4.89E-07	-1.95E-04	-4.17E-07	1.97E-04	9.71E-05	-9.80E-05			
2	72.00	-2.93E-02	-6.54E-02	2.34E-02	-1.82E+00	3.17E-03	1.87E+00	1.77E+00	-1.87E+00	-44.68	-2.93E-02	-1.82E+00
	-213.00	-3.55E-07	-2.19E-06	2.04E-06	-1.65E-04	2.89E-07	1.70E-04	8.14E-05	-8.35E-05			
3	72.00	-3.13E-01	-8.02E-02	6.34E-02	-1.23E+00	1.18E-01	1.33E+00	1.04E+00	-1.43E+00	-47.71	-3.13E-01	-1.23E+00
	-138.00	-5.39E-06	-9.12E-08	3.17E-06	-5.59E-05	5.37E-06	6.05E-05	2.53E-05	-3.08E-05			
4	24.00	-1.36E+00	-6.72E-01	-8.46E-01	-2.31E+00	3.68E-01	2.52E+00	1.32E+00	-3.35E+00	-49.22	-1.36E+00	-2.31E+00
	-68.00	-2.06E-05	5.75E-06	-9.20E-07	-1.78E-04	2.83E-05	1.94E-04	8.24E-05	-9.72E-05			
5	72.00	3.94E-01	1.83E-01	4.78E-01	-9.99E-01	-4.34E-02	1.08E+00	1.29E+00	-7.16E-01	-41.98	1.83E-01	9.99E-01
	-88.00	3.57E-06	-4.55E-06	6.78E-06	-7.69E-05	-3.34E-06	8.28E-05	3.82E-05	-3.91E-05			
6	120.00	2.02E-01	1.92E-01	3.06E-01	-1.97E+00	-1.05E-01	1.94E+00	2.17E+00	-1.77E+00	-44.93	-1.74E+00	3.51E-01
	-68.00	7.74E-08	-3.04E-07	4.07E-06	-1.52E-04	-8.06E-06	1.49E-04	7.57E-05	-7.60E-05			
7	36.25	-5.61E-01	-2.27E-01	-1.55E-01	-1.09E+00	1.45E-01	1.05E+00	7.10E-01	-1.50E+00	-49.35	-5.23E-01	-1.10E+00
	-19.00	-1.12E-05	1.62E-06	4.42E-06	-8.40E-05	1.11E-05	8.08E-05	3.77E-05	-4.73E-05			
8	108.00	5.52E-02	1.19E-01	1.87E-01	-8.61E-01	-6.36E-03	5.30E-01	9.48E-01	-7.74E-01	-46.07	5.52E-02	-8.61E-01
	-19.00	-1.85E-06	6.24E-07	3.21E-06	-6.62E-05	-4.89E-07	7.15E-05	3.25E-05	-3.37E-05			
9	216.0[illegible]	[illegible].90E-02	-1.12E-01	-5.30E-02	-2.15E+00	1.58E-02	[illegible]20E+00	2.05E+00	-2.25E+00	-44.85	-8.90E-02	-2.15E+00
	-303.0[illegible]	[illegible].45E-07	-1.79E-06	8.90E-07	-1.95E-04	1.44E-06	[illegible]E-04	9.64E-05	-9.89E-05			
10	21[illegible]	[illegible].48E-01	-1.14E-01	-1.60E-02	-1.87E+00	5.36E-02	[illegible]E+00	1.74E+00	-2.00E+00	-45.26	-1.48E-01	-1.87[illegible]

	-213.[illegible]	[illegible]12E-06	-1.57E-06	2.89E-06	-1.70E-04	4.87E-06	[illegible]	[illegible]-04	8.27E-05	-6.74E-05				
11	216.00	[illegible].03E-01	-9.32E-02	1.29E-01	-1.46E+00	1.72E-01	[illegible]E+00	1.26E+00	-1.66E+00		-47.06	-3.03E-01	-1.40[illegible]	
	-138.00	-[illegible].48E-06	-7.15E-07	4.33E-06	-6.63E-05	7.81E-06	7.02E-05	3.01E-05	-3.63E-05					
12	168.00	-6.19E-01	-4.58E-01	-3.25E-01	-2.22E+00	3.12E-01	2.29E+00	1.68E+00	-2.76E+00		-46.04	-6.19E-01	-2.22E+00	
	-68.00	-8.40E-06	-2.21E-06	2.91E-06	-1.71E-04	2.40E-05	1.76E-04	8.00E-05	-9.07E-05					
13	216.00	5.56E-01	1.87E-01	5.54E-01	-8.92E-01	6.65E-04	9.44E-01	1.28E+00	-5.39E-01		-39.16	1.87E-01	8.92E-01	
	-88.00	7.12E-06	-7.05E-06	7.06E-06	-6.86E-05	5.27E-08	7.26E-05	3.51E-05	-3.50E-05					
14	264.00	-3.81E-02	1.64E-01	2.61E-01	-1.92E+00	-3.16E-02	1.97E+00	1.99E+00	-1.86E+00		-46.51	-1.81E+00	4.46E-01	
	-68.00	-8.71E-06	2.06E-06	5.78E-06	-1.48E-04	-2.43E-06	1.51E-04	7.21E-05	-7.58E-05					
15	180.00	-2.50E-01	-4.98E-02	6.02E-02	-9.49E-01	2.11E-01	9.32E-01	8.04E-01	-1.10E+00		-48.01	-2.50E-01	-9.49E-01	
	-19.00	-6.98E-06	7.14E-07	4.95E-06	-7.30E-05	1.63E-05	7.17E-05	3.36E-05	-3.98E-05					
16	252.00	-1.20E-01	9.03E-02	2.21E-01	-8.16E-01	7.97E-02	9.76E-01	8.08E-01	-8.38E-01		-48.67	-1.20E-01	-8.16E-01	
	-19.00	-6.72E-06	1.37E-06	6.40E-06	-6.28E-05	6.13E-06	7.51E-05	2.90E-05	-3.43E-05					
17	361.00	-1.09E-01	-1.56E-01	-7.18E-02	-2.18E+00	8.43E-03	2.27E+00	2.04E+00	-2.31E+00		-44.69	-1.09E-01	-2.18E+00	
	-303.00	-5.67E-07	-2.74E-06	1.11E-06	-1.98E-04	7.66E-07	2.07E-04	9.73E-05	-1.01E-04					
18	361.00	-1.82E-01	-1.37E-01	-2.50E-02	-1.96E+00	4.19E-02	2.05E+00	1.80E+00	-2.12E+00		-45.33	-1.82E-01	-1.96E+00	
	-213.00	-3.80E-06	-1.76E-06	3.33E-06	-1.78E-04	3.81E-06	1.87E-04	8.64E-05	-9.19E-05					
19	361.00	-3.44E-01	-9.72E-02	1.67E-01	-1.53E+00	1.70E-01	1.74E+00	1.31E+00	-1.75E+00		-47.32	-3.44E-01	-1.53E+00	
	-138.00	-6.30E-06	-7.72E-07	5.24E-06	-6.94E-05	7.72E-06	7.89E-05	3.12E-05	-3.84E-05					
20	312.00	-1.09E+00	-6.93E-01	-5.34E-01	-2.48E+00	5.38E-01	2.74E+00	1.59E+00	-3.37E+00		-47.27	-1.09E+00	-2.48E+00	
	-68.00	-1.64E-05	-1.23E-06	4.89E-06	-1.90E-04	4.14E-05	2.11E-04	8.67E-05	-1.04E-04					
21	360.67	9.16E-01	4.40E-01	8.31E-01	-1.14E+00	-7.27E-02	1.37E+00	1.84E+00	-4.85E-01		-39.10	4.40E-01	1.14E+00	
	-88.00	1.12E-05	-7.10E-06	7.91E-06	-8.76E-05	-5.59E-06	1.06E-04	4.68E-05	-4.27E-05					
22	409.33	-5.25E-01	-7.10E-01	-2.40E-01	-2.38E+00	8.60E-03	2.97E+00	1.76E+00	-2.99E+00		-43.89	-2.96E+00	4.01E-01	
	-68.00	-3.99E-06	-1.11E-05	6.97E-06	-1.83E-04	6.62E-07	2.28E-04	8.39E-05	-9.90E-05					
23	324.00	-4.77E-01	-9.35E-02	7.52E-02	-9.59E-01	3.78E-01	9.81E-01	6.93E-01	-1.26E+00		-50.66	-4.77E-01	-9.59E-01	
	-19.00	-1.29E-05	1.85E-06	8.34E-06	-7.38E-05	2.91E-05	7.54E-05	3.21E-05	-4.32E-05					
24	372.00	-2.52E-01	2.33E-01	3.38E-01	-2.60E+00	3.58E-01	2.79E+00	2.60E+00	-2.62E+00		-47.67	-2.52E-01	-2.60E+00	
	-9.33	-1.32E-05	5.45E-06	9.50E-06	-2.00E-04	2.75E-05	2.14E-04	9.65E-05	-1.04E-04					
25	401.25	-1.39E-01	1.85E-02	3.34E-01	-8.48E-01	1.19E-01	1.13E+00	7.91E-01	-9.12E-01		-47.66	6.64E-01	-4.47E-01	
	-19.00	-7.69E-06	-1.63E-06	1.05E-05	-6.52E-05	9.13E-06	8.72E-05	2.81E-05	-3.74E-05					
26	427.67	-1.08E+00	-8.34E-01	-4.40E-01	-2.89E+00	4.86E-01	3.92E+00	1.94E+00	-3.85E+00		-46.20	-2.77E+00	-2.26E+00	
	-9.33	-1.56E-05	-6.25E-06	8.89E-06	-2.23E-04	3.74E-05	3.02E-04	1.01E-04	-1.22E-04					
27	457.00	-1.24E-01	-2.43E-01	-1.12E-01	-2.20E+00	-1.06E-02	2.31E+00	2.02E+00	-2.39E+00		-44.23	-1.24E-01	-2.20E+00	
	-303.00	5.82E-07	-4.82E-06	1.13E-06	-2.00E-04	-9.61E-07	2.10E-04	9.81E-05	-1.02E-04					
28	457.00	-1.64E-01	-1.25E-01	-1.74E-02	-2.06E+00	7.66E-03	2.14E+00	1.92E+00	-2.21E+00		-45.27	-1.64E-01	-2.06E+00	
	-213.00	-3.48E-06	-1.69E-06	3.18E-06	-1.88E-04	6.96E-07	1.94E-04	9.12E-05	-9.64E-05					
29	457.00	-5.88E-01	-2.02E-01	3.73E-02	-1.58E+00	-7.16E-02	1.77E+00	1.20E+00	-1.99E+00		-48.48	-5.88E-01	-1.58E+00	
	-138.00	-9.41E-06	-6.51E-07	4.80E-06	-7.18E-05	-3.26E-06	8.06E-05	3.11E-05	-4.12E-05					
30	442.00	-4.21E-01	-9.72E-01	-3.22E-01	-2.73E+00	-9.50E-02	3.08E+00	2.05E+00	-3.44E+00		-42.13	-4.21E-01	-2.73E+00	
	-68.00	2.65E-06	-1.85E-05	6.46E-06	-2.10E-04	-7.31E-06	2.37E-04	9.77E-05	-1.14E-04					
31	457.33	3.28E+00	1.64E+00	2.14E+00	-9.80E-01	-1.56E+00	1.64E+00	3.74E+00	1.10E+00		-25.03	1.64E+00	9.80E-01	
	-88.00	4.86E-05	-1.45E-05	4.73E-06	-7.54E-05	-1.20E-04	1.26E-04	6.62E-05	-3.21E-05					
32	472.67	-5.14E+00	-3.94E+00	-3.46E+00	-2.39E+00	9.47E-01	3.95E+00	-2.07E+00	-7.01E+00		-52.04	-6.54E+00	-1.44E+00	
	-68.00	-5.98E-05	-1.36E-05	4.57E-06	-1.84E-04	7.28E-05	3.04E-04	5.82E-05	-1.32E-04					
33	443.00	-4.95E-01	-3.15E-01	6.83E-02	-1.37E+00	1.64E-01	1.51E+00	9.67E-01	-1.76E+00		-46.88	-4.95E-01	-1.37E+00	
	-19.50	-1.09E-05	-3.97E-06	1.08E-05	-1.05E-04	1.26E-05	1.16E-04	4.53E-05	-6.02E-05					
34	454.00	-4.07E+00	-2.84E+00	-2.46E+00	-3.59E+00	1.10E+00	4.96E+00	1.84E-01	-7.09E+00		-49.85	-5.48E+00	-3.02E+00	
	-11.33	-5.35E-05	-6.40E-06	8.47E-06	-2.76E-04	8.47E-05	3.81E-04	1.10E-04	-1.70E-04					
35	461.67	-7.04E-01	-7.61E-01	-2.83E-01	-3.41E+00	2.73E-01	5.12E+00	2.68E+00	-4.14E+00		-44.76	-7.04E-01	-3.41E+00	
	-12.00	-7.86E-06	-1.01E-05	8.33E-06	-2.62E-04	2.10E-05	3.94E-04	1.72E-04	-1.40E-04					
36	469.00	2.49E+00	1.05E+00	1.74E+00	-3.33E-01	-1.39E+00	2.03E+00	2.56E+00	9.74E-01		-12.39	1.05E+00	3.33E-01	
	-30.00	3.77E-05	-1.77E-05	9.03E-06	-2.56E-05	-1.07E-04	1.56E-04	4.05E-05	-2.06E-05					
37	476.33	-1.62E+00	-2.13E+00	-1.17E+00	-2.30E+00	2.95E-01	4.20E+00	4.38E-01	-4.18E+00		-41.85	-2.54E+00	-2.21E+00	
	-12.00	-8.19E-06	-2.77E-05	8.89E-06	-1.77E-04	2.27E-05	3.23E-04	7.09E-05	-1.07E-04					
38	558.50	1.70E-01	8.69E-02	1.21E-01	-2.09E+00	-6.49E-02	2.20E+00	2.22E+00	-1.96E+00		-44.43	1.70E-01	-2.09E+00	
	-303.00	2.92E-06	-9.66E-07	6.05E-07	-1.90E-04	-5.90E-06	2.00E-04	9.59E-05	-9.46E-05					
39	558.50	-4.19E-02	-2.03E-01	-5.30E-02	-2.08E+00	-1.28E-01	2.16E+00	1.96E+00	-2.20E+00		-43.89	-4.19E-02	-2.08E+00	
	-213.00	1.97E-06	-5.36E-06	1.46E-06	-1.89E-04	-1.17E-05	1.96E-04	9.29E-05	-9.63E-05					
40	506.17	-4.48E-02	-4.38E-01	6.55E-02	-4.66E+00	-3.39E-01	4.62E+00	4.42E+00	-4.90E+00		-43.79	-4.48E-02	-4.66E+00	
	-128.00	1.17E-06	-7.76E-06	3.68E-06	-2.12E-04	-1.54E-05	2.10E-04	1.03E-04	-1.05E-04					
41	558.50	1.18E+00	-3.23E-01	2.63E-01	-1.98E+00	-1.15E+00	2.82E+00	2.55E+00	-1.65E+00		-34.63	-3.23E-01	1.98E+00	
	-148.00	2.09E-05	-1.32E-05	9.67E-08	-9.01E-05	-5.22E-05	1.28E-04	5.21E-05	-4.43E-05					
42	610.83	-2.45E-01	-5.60E-01	-2.39E-01	-4.06E+00	-7.72E-01	3.61E+00	3.65E+00	-4.47E+00		-43.92	-4.36E+00	9.18E-01	

	-128.00	-2.65E-07	-7.19E-06	9.94E-08	-1.85E-04	-3.51E-05	1.64E-04	8.86E-05	-9.60E-05				
43	501.38	3.00E-01	1.52E-01	3.91E-01	-1.05E+00	-4.08E-01	1.31E+00	1.28E+00	-8.24E-01	-42.98	3.00E-01	-1.05E+00	
	-78.00	2.27E-06	-3.41E-06	5.77E-06	-8.05E-05	-3.14E-05	1.03E-04	3.98E-05	-4.09E-05				
44	534.67	-5.87E-01	-3.44E-01	-2.82E-01	-3.31E+00	-2.37E-01	4.16E+00	2.84E+00	-3.77E+00	-46.05	-3.70E+00	6.93E-01	
	-68.00	-9.24E-06	8.41E-08	2.49E-06	-2.54E-04	-1.63E-05	3.20E-04	1.23E-04	-1.32E-04				
45	584.67	6.39E-01	4.63E-01	5.24E-01	-3.27E+00	-8.22E-01	2.88E+00	3.83E+00	-2.72E+00	-44.23	6.39E-01	-3.27E+00	
	-68.00	8.72E-06	-5.72E-08	2.38E-06	-2.52E-04	-6.32E-05	2.21E-04	1.29E-04	-1.23E-04				
46	610.83	3.22E+00	1.02E+00	1.61E+00	-1.77E+00	-1.53E+00	2.32E+00	4.20E+00	3.69E-02	-29.09	1.02E+00	1.77E+00	
	-68.00	5.94E-05	-2.50E-05	-2.35E-06	-1.36E-04	-1.18E-04	1.78E-04	9.73E-05	-6.28E-05				
47	492.63	2.14E-01	7.88E-02	5.19E-01	-7.51E-01	-4.16E-01	1.50E+00	9.01E-01	-6.08E-01	-42.43	2.14E-01	-7.51E-01	
	-23.00	-6.93E-07	-5.89E-06	1.10E-05	-5.78E-05	-3.20E-05	1.16E-04	2.57E-05	-3.23E-05				
48	485.83	-3.53E-01	-4.92E-01	-4.95E-02	-2.21E+00	-5.54E-02	4.68E+00	1.79E+00	-2.63E+00	-44.10	-6.39E-01	-2.20E+00	
	-12.00	-3.76E-06	-9.08E-06	7.93E-06	-1.70E-04	-4.26E-06	3.60E-04	7.85E-05	-9.14E-05				
49	507.88	1.38E-02	2.38E-01	4.46E-01	-8.27E-01	-2.45E-01	1.65E+00	9.61E-01	-7.09E-01	-48.86	1.38E-02	-8.27E-01	
	-21.00	-7.14E-06	1.49E-06	9.48E-06	-6.36E-05	-1.88E-05	1.27E-04	2.93E-05	-3.49E-05				
50	538.67	-5.97E-01	-1.59E-03	-1.00E-01	-2.95E+00	-1.09E+00	3.64E+00	2.67E+00	-3.27E+00	-47.88	-3.21E+00	5.82E-01	
	-10.00	-1.53E-05	7.62E-06	3.83E-06	-2.27E-04	-8.40E-05	2.80E-04	1.10E-04	-1.18E-04				
51	484.67	1.02E+01	7.11E+00	7.43E+00	2.02E-01	-8.24E-01	4.87E-01	1.02E+01	7.09E+00	3.70	7.11E+00	-2.02E-01	
	8.00	1.21E-04	1.22E-06	1.38E-05	1.56E-05	-6.34E-05	3.75E-05	1.22E-04	7.14E-07				
52	507.00	-2.73E+00	-3.22E+00	-2.00E+00	-1.80E+00	-5.02E-01	-1.41E+00	-1.15E+00	-4.80E+00	-41.13	-4.42E+00	-1.10E+00	
	9.00	-1.76E-05	-3.65E-05	1.04E-05	-1.39E-04	-3.86E-05	-1.08E-04	4.30E-05	-9.71E-05				
53	603.00	-1.22E-01	8.12E-02	-6.05E-02	-1.28E+00	-5.43E-01	1.17E+00	1.26E+00	-1.30E+00	-47.27	6.98E-01	-1.06E+00	
	-18.00	-3.59E-06	4.24E-06	-1.21E-06	-9.85E-05	-4.18E-05	8.98E-05	4.97E-05	-4.91E-05				
54	712.00	2.05E-01	-9.95E-02	2.39E-02	-1.99E+00	-1.61E-01	1.83E+00	2.05E+00	-1.95E+00	-42.82	2.05E-01	-1.99E+00	
	-303.00	7.64E-06	-8.20E-06	-5.97E-07	-1.81E-04	-1.46E-05	1.66E-04	9.16E-05	-9.02E-05				
55	712.00	1.10E+00	6.76E-01	6.17E-01	-2.20E+00	-5.19E-01	1.80E+00	3.09E+00	-1.32E+00	-42.23	1.10E+00	-2.20E+00	
	-213.00	1.90E-05	-3.87E-07	-3.05E-06	-2.00E-04	-4.72E-05	1.64E-04	1.10E-04	-9.10E-05				
56	712.00	1.32E+00	7.67E-01	3.09E-01	-1.69E+00	-1.22E+00	1.38E+00	2.76E+00	-6.73E-01	-40.37	1.32E+00	-1.69E+00	
	-138.00	1.74E-05	4.87E-06	-5.55E-06	-7.70E-05	-5.54E-05	6.27E-05	5.02E-05	-2.79E-05				
57	712.00	3.22E-01	2.53E-02	-8.89E-02	-1.05E+00	-5.01E-01	1.09E+00	1.23E+00	-8.87E-01	-40.97	3.22E-01	-1.05E+00	
	-78.00	9.56E-06	-1.87E-06	-6.26E-06	-8.08E-05	-3.86E-05	8.37E-05	4.47E-05	-3.70E-05				
58	712.00	4.56E-01	4.17E-01	9.61E-02	-1.42E+00	-4.53E-01	1.31E+00	1.85E+00	-9.75E-01	-44.60	4.56E-01	-1.42E+00	
	-18.00	6.90E-06	5.39E-06	-6.96E-06	-1.09E-04	-3.48E-05	1.01E-04	6.06E-05	-4.83E-05				
59	837.00	5.70E+00	3.19E+00	3.56E+00	-1.68E+00	-9.26E-01	1.54E+00	6.54E+00	2.35E+00	-26.61	3.19E+00	1.68E+00	
	-318.00	9.74E-05	-1.66E-05	.00E+00	-1.52E-04	-8.42E-05	1.40E-04	1.36E-04	-5.47E-05				
60	887.00	8.68E-01	1.87E-01	4.22E-01	-4.49E+00	-3.61E-01	3.43E+00	5.03E+00	-3.97E+00	-42.83	-3.59E+00	1.81E+00	
	-288.00	2.03E-05	-1.07E-05	.00E+00	-4.08E-04	-3.28E-05	3.11E-04	2.09E-04	-2.00E-04				
61	987.00	-9.59E-01	-5.82E-01	-6.17E-01	-4.58E+00	1.84E-01	3.13E+00	3.81E+00	-5.35E+00	-46.18	-9.59E-01	-4.58E+00	
	-288.00	-1.56E-05	1.56E-06	.00E+00	-4.16E-04	1.68E-05	2.85E-04	2.01E-04	-2.15E-04				
62	1037.00	5.74E+00	3.51E+00	3.70E+00	-3.37E+00	-7.49E-01	2.50E+00	8.18E+00	1.07E+00	-35.85	3.51E+00	3.37E+00	
	-318.00	9.27E-05	-8.65E-06	.00E+00	-3.06E-04	-6.81E-05	2.27E-04	2.03E-04	-1.19E-04				
63	862.00	1.36E-01	1.38E-01	-8.16E-02	-2.26E+00	-9.39E-02	1.77E+00	2.40E+00	-2.12E+00	-45.02	1.36E-01	-2.26E+00	
	-213.00	3.67E-06	3.79E-06	-6.21E-06	-2.05E-04	-8.53E-06	1.61E-04	1.06E-04	-9.90E-05				
64	1012.00	-3.08E-01	-1.31E-01	-3.73E-01	-2.45E+00	6.41E-02	1.78E+00	2.23E+00	-2.67E+00	-46.03	-3.08E-01	-2.45E+00	
	-213.00	-3.45E-06	4.58E-06	-6.41E-06	-2.22E-04	5.83E-06	1.61E-04	1.12E-04	-1.11E-04				
65	837.00	-2.42E-01	2.67E-01	-5.73E-01	-1.69E+00	-3.04E-01	1.86E+00	1.72E+00	-1.70E+00	-49.28	2.67E-01	1.69E+00	
	-148.00	-2.63E-06	8.54E-06	-1.01E-05	-7.69E-05	-1.38E-05	8.48E-05	4.20E-05	-3.57E-05				
66	937.00	2.10E-01	2.17E-01	-3.50E-01	-3.02E+00	-1.82E-01	2.19E+00	3.23E+00	-2.80E+00	-45.03	-1.86E+00	2.19E+00	
	-128.00	4.58E-06	4.73E-06	-9.06E-06	-1.37E-04	-8.27E-06	9.96E-05	7.32E-05	-6.39E-05				
67	1037.00	2.68E+00	8.01E-01	5.01E-01	-2.88E+00	-8.85E-01	2.50E+00	4.77E+00	-1.25E+00	-35.95	8.01E-01	2.88E+00	
	-148.00	4.01E-05	-2.70E-06	-9.53E-06	-1.31E-04	-4.02E-05	1.14E-04	8.76E-05	-5.02E-05				
68	837.00	8.89E-01	1.01E+00	4.40E-01	-3.29E+00	-4.71E-01	2.46E+00	4.24E+00	-2.34E+00	-45.54	8.89E-01	-3.29E+00	
	-68.00	8.45E-06	1.32E-05	-8.82E-06	-2.53E-04	-3.62E-05	1.90E-04	1.37E-04	-1.16E-04				
69	937.00	8.96E-01	-1.52E-01	-1.38E-01	-1.73E+00	-4.90E-01	1.45E+00	2.18E+00	-1.43E+00	-36.55	-1.52E-01	1.73E+00	
	-88.00	2.78E-05	-1.25E-05	-1.20E-05	-1.33E-04	-3.77E-05	1.11E-04	7.70E-05	-6.17E-05				
70	1037.00	3.01E-01	1.14E-01	-2.28E-01	-2.95E+00	1.30E-01	2.86E+00	3.16E+00	-2.74E+00	-44.09	-1.89E+00	2.07E+00	
	-68.00	9.82E-06	2.31E-06	-1.08E-05	-2.27E-04	1.00E-05	2.20E-04	1.19E-04	-1.06E-04				
71	862.00	6.21E-01	4.58E-01	2.66E-02	-1.39E+00	-4.13E-01	1.23E+00	1.95E+00	-8.28E-01	-43.73	6.21E-01	-1.39E+00	
	-18.00	1.13E-05	6.57E-06	-1.16E-05	-1.07E-04	-3.18E-05	9.44E-05	6.23E-05	-4.44E-05				
72	1012.00	-2.32E-01	-2.30E-01	-6.37E-01	-1.48E+00	8.77E-02	1.12E+00	1.25E+00	-1.71E+00	-45.02	-2.32E-01	-1.48E+00	
	-18.00	3.14E-06	3.24E-06	-1.24E-05	-1.14E-04	6.75E-06	8.60E-05	6.00E-05	-5.36E-05				
73	1387.00	-3.10E-01	-3.16E-01	-3.14E-01	-1.84E+00	6.92E-03	1.15E+00	1.52E+00	-2.15E+00	-44.95	-3.10E-01	-1.84E+00	
	-303.0[illegible]	1.90E-06	-2.16E-06	-2.05E-06	-1.67E-04	6.29E-07	[illegible]E-04	8.14E-05	-8.55E-05				
74	138[illegible]	[illegible].81E-02	6.37E-02	-1.92E-01	-1.93E+00	-9.43E-03	[illegible]E+00	1.94E+00	-1.92E+00	-45.83	-4.81E-02	-1.0[illegible]	

	-213.00	[illegible].08E-07	5.19E-06	-6.45E-06	-1.76E-04	-8.59E-07	[illegible]-04	9.04E-05	-8.51E-05				
75	1387.00	-2.19E-02	-1.27E-01	-5.94E-01	-1.42E+00	-5.17E-02	7.60E-01	1.35E+00	-1.49E+00	-43.94	-2.19E-02	-1.42E+[illegible]	
	-138.00	3.35E-06	9.54E-07	-9.42E-06	-6.45E-05	-2.35E-06	3.45E-05	3.44E-05	-3.01E-05				
76	1387.00	4.04E-01	3.03E-01	-6.11E-02	-2.19E+00	-2.72E-01	8.59E-01	2.55E+00	-1.84E+00	-44.34	4.04E-01	-2.19E+00	
	-68.00	8.44E-06	4.55E-06	-9.44E-05	-1.69E-04	-2.09E-05	6.61E-05	9.08E-05	-7.78E-05				
77	1387.00	5.97E-01	5.09E-01	4.83E-03	-1.09E+00	-2.00E-01	7.55E-01	1.64E+00	-5.39E-01	-43.82	5.08E-01	1.09E+00	
	-88.00	1.08E-05	7.33E-06	-1.20E-05	-8.39E-05	-1.54E-05	5.81E-05	5.10E-05	-3.29E-05				
78	1587.00	1.58E-01	1.35E-01	-2.65E-01	-1.38E+00	3.50E-02	4.06E-01	1.52E+00	-1.23E+00	-44.76	-3.93E-01	1.26E+00	
	-68.00	5.76E-06	4.88E-06	-1.05E-05	-1.06E-04	2.69E-06	3.81E-05	5.82E-05	-4.76E-05				
79	1237.00	7.69E-01	3.45E-01	-7.02E-03	-1.16E+00	-2.93E-01	6.64E-01	1.74E+00	-6.26E-01	-39.83	7.69E-01	-1.16E+00	
	-18.00	1.74E-05	1.09E-06	-1.24E-05	-9.95E-05	-2.25E-05	5.10E-05	5.48E-05	-3.62E-05				
80	1433.80	4.70E-01	1.50E-01	-1.83E-01	-1.35E+00	-1.14E-01	4.78E-01	1.68E+00	-1.02E+00	-42.03	4.70E-01	-1.35E+00	
	-8.00	1.28E-05	2.05E-06	-1.23E-05	-1.04E-04	-8.76E-06	3.68E-05	5.95E-05	-4.46E-05				
81	1533.80	7.77E-01	1.82E-01	-4.85E-02	-7.93E-01	-9.69E-02	3.22E-01	1.33E+00	-3.68E-01	-34.72	1.82E-01	7.93E-01	
	-28.00	1.99E-05	-3.01E-06	-1.19E-05	-6.10E-05	-7.46E-06	2.47E-05	4.10E-05	-2.41E-05				
82	1633.80	8.17E-01	2.72E-01	3.02E-02	-2.96E-01	2.21E-02	7.10E-02	9.47E-01	1.42E-01	-23.67	1.45E-01	4.29E-02	
	-8.00	1.91E-05	-1.84E-06	-1.11E-05	-2.27E-05	1.70E-06	5.46E-06	2.41E-05	-6.82E-06				
83	1433.80	3.22E+00	1.42E+00	1.36E+00	-8.91E-01	-7.61E-01	3.57E-01	3.58E+00	1.05E+00	-22.38	1.42E+00	8.91E-01	
	27.60	5.79E-05	-1.13E-05	-1.37E-05	-6.85E-05	-5.85E-05	2.75E-05	7.20E-05	-2.54E-05				
84	1296.10	1.14E+00	1.76E-01	1.27E-02	-9.34E-01	-3.50E-01	4.39E-01	1.71E+00	-3.94E-01	-31.41	7.46E-01	1.05E+00	
	40.70	2.91E-05	-7.77E-06	-1.41E-05	-7.18E-05	-2.69E-05	3.38E-05	5.10E-05	-2.97E-05				
85	1148.60	4.84E-01	-2.46E-01	-3.65E-01	-1.25E+00	-3.59E-01	3.30E-01	1.42E+00	-1.18E+00	-36.84	-9.84E-01	-6.87E-01	
	57.33	2.00E-05	-8.08E-06	-1.26E-05	-9.59E-05	-3.07E-05	2.54E-05	5.59E-05	-4.40E-05				
86	1131.40	4.09E+00	1.97E+00	1.77E+00	-5.12E-01	-1.47E+00	2.93E-02	4.20E+00	1.85E+00	-12.89	1.97E+00	5.12E-01	
	112.00	7.12E-05	-1.04E-05	-1.78E-05	-3.94E-05	-1.13E-04	2.25E-06	7.57E-05	-1.49E-05				
87	1019.80	1.21E+00	7.07E-01	2.47E-01	-1.34E+00	-5.66E-01	1.82E+00	2.32E+00	-4.06E-01	-39.73	7.07E-01	1.34E+00	
	34.67	2.26E-05	3.45E-06	-1.42E-05	-1.03E-04	-4.35E-05	1.40E-04	6.55E-05	-3.94E-05				
88	886.60	5.57E-01	3.20E-01	-9.59E-02	-1.10E+00	-2.82E-01	1.12E+00	1.55E+00	-6.72E-01	-41.93	5.57E-01	-1.10E+00	
	46.00	1.29E-05	3.72E-06	-1.23E-05	-8.50E-05	-2.17E-05	8.63E-05	5.10E-05	-3.44E-05				
89	869.80	2.43E+00	1.05E+00	8.33E-01	-6.44E-01	-9.55E-01	3.32E-01	2.69E+00	7.96E-01	-21.46	1.05E+00	6.44E-01	
	96.00	4.62E-05	-7.09E-06	-1.54E-05	-4.95E-05	-7.35E-05	2.55E-05	5.59E-05	-1.68E-05				
90	952.60	4.50E-01	-1.15E+00	-7.93E-01	-1.57E+00	-4.62E-01	1.16E+00	1.41E+00	-2.11E+00	-31.49	-1.68E+00	1.16E+00	
	128.00	9.37E-05	-2.79E-05	-1.41E-05	-1.21E-04	-3.56E-05	8.92E-05	7.07E-05	-6.49E-05				
91	869.80	7.09E-01	1.05E-01	-1.24E-01	-7.38E-01	-4.90E-01	2.36E-01	1.20E+00	-3.90E-01	-33.87	7.09E-01	-7.38E-01	
	160.00	1.97E-05	-3.54E-06	-1.24E-05	-5.67E-05	-3.77E-05	1.82E-05	3.87E-05	-2.26E-05				
92	869.80	3.62E+00	1.24E+00	1.26E+00	-4.80E-01	-1.86E+00	4.59E-01	3.71E+00	1.15E+00	-10.97	1.24E+00	4.80E-01	
	203.60	7.20E-05	-1.96E-05	-1.88E-05	-3.69E-05	-1.43E-04	3.53E-05	7.56E-05	-2.31E-05				
93	598.67	-3.19E-01	1.75E-01	-2.08E-01	-2.19E+00	-1.32E+00	2.47E+00	2.14E+00	-2.28E+00	-48.21	1.75E-01	2.19E+00	
	16.00	-8.40E-06	1.06E-05	-4.13E-06	-1.69E-04	-1.01E-04	1.90E-04	8.60E-05	-8.36E-05				
94	645.75	3.03E-01	3.17E-01	7.72E-02	-1.42E+00	-5.19E-01	1.18E+00	1.73E+00	-1.11E+00	-45.14	3.03E-01	-1.42E+00	
	24.00	4.00E-06	4.52E-06	-4.69E-06	-1.09E-04	-3.99E-05	9.11E-05	5.87E-05	-5.02E-05				
95	613.10	3.35E-01	6.76E-01	3.41E-01	-2.48E+00	-5.32E-01	2.22E-01	3.00E+00	-1.98E+00	-46.97	3.35E-01	-2.48E+00	
	69.33	-1.98E-06	1.12E-05	-1.74E-06	-1.91E-04	-4.09E-05	1.71E-05	1.00E-04	-9.12E-05				
96	708.45	6.02E-01	2.22E-01	1.19E-02	-1.14E+00	-5.37E-01	9.05E-01	1.57E+00	-7.41E-01	-40.26	9.13E-01	1.04E+00	
	55.00	1.40E-05	-6.36E-07	-8.73E-06	-8.75E-05	-4.13E-05	6.96E-05	5.10E-05	-3.77E-05				
97	613.10	1.63E+00	6.75E-01	5.69E-01	-8.39E-01	-1.80E+00	5.60E-01	2.12E+00	1.88E-01	-30.12	6.75E-01	8.39E-01	
	96.00	3.12E-05	-5.67E-06	-9.75E-06	-6.46E-05	-1.39E-04	4.31E-05	5.00E-05	-2.44E-05				
98	682.27	6.70E-01	3.17E-01	7.60E-02	-1.62E+00	-5.44E-01	9.34E-01	2.13E+00	-1.14E+00	-41.89	-8.78E-01	8.86E-01	
	112.00	1.41E-05	4.95E-07	-8.76E-06	-1.25E-04	-4.18E-05	7.19E-05	7.01E-05	-5.55E-05				
99	751.43	2.41E+00	-1.29E-01	4.57E-01	-1.69E+00	-1.32E+00	2.16E+00	3.26E+00	-9.75E-01	-26.55	-1.29E-01	1.69E+00	
	96.00	6.26E-05	-3.51E-05	-1.25E-05	-1.30E-04	-1.02E-04	1.66E-04	9.51E-05	-6.76E-05				
100	683.25	5.51E-01	1.88E-01	-6.83E-02	-5.79E-01	-4.21E-01	7.46E-01	9.76E-01	-2.37E-01	-36.29	5.51E-01	-5.79E-01	
	152.00	1.38E-05	-1.47E-07	-9.99E-06	-4.45E-05	-3.24E-05	5.74E-05	3.02E-05	-1.65E-05				
101	648.67	2.96E+00	1.35E+00	1.23E+00	-3.94E-01	-1.26E+00	4.49E-01	3.05E+00	1.26E+00	-13.05	1.35E+00	3.94E-01	
	192.00	5.30E-05	-8.92E-06	-1.36E-05	-3.03E-05	-9.70E-05	3.45E-05	5.65E-05	-1.24E-05				
102	725.25	4.86E-01	-2.36E-01	-2.99E-01	-5.80E-01	-3.33E-01	5.67E-01	8.08E-01	-5.58E-01	-29.03	1.25E-01	6.83E-01	
	232.70	1.92E-05	-8.55E-06	-1.10E-05	-4.46E-05	-2.56E-05	4.36E-05	3.16E-05	-2.09E-05				
103	635.50	4.63E-01	5.77E-01	1.05E-01	-2.26E-02	-2.56E-01	-2.35E-01	5.82E-01	4.58E-01	-79.25	4.63E-01	-2.26E-02	
	256.00	5.21E-06	9.62E-06	-8.55E-06	-1.74E-06	-1.97E-05	-1.81E-05	9.79E-06	5.05E-06				
104	635.50	1.10E+00	7.58E-01	2.62E-01	1.56E-02	-9.42E-01	5.56E-02	1.11E+00	7.57E-01	2.57	7.58E-01	-1.56E-02	
	290.67	1.91E-05	5.80E-06	-1.33E-05	1.20E-06	-7.24E-05	4.28E-06	1.92E-05	5.77E-06				
105	569.00	-4.25E-01	1.80E-01	-6.96E-02	-2.26E+00	-7.11E-01	2.10E+00	2.16E+00	-2.40E+00	-48.81	-4.25E-01	-2.26E+00	
	16.50	-1.29E-05	1.04E-05	7.76E-07	-1.74E-04	-5.47E-05	1.62E-04	8.65E-05	-8.90E-05				
106	508.50	-5.19E+00	-3.42E+00	-3.35E+00	-1.74E+00	-1.75E+00	6.17E-01	-2.35E+00	-6.26E+00	-58.47	-3.42E+00	1.74E+00	

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	13.00	-6.82E-05	-1.22E-07	2.59E-06	-1.34E-04	-1.35E-04	4.75E-05	4.10E-05	-1.09E-04					
107	521.00	-1.34E+00	-5.25E-01	-4.97E-01	-2.27E+00	-6.02E-01	1.16E+00	1.37E+00	-3.23E+00	-50.06	-1.34E+00	-2.27E+00		
	15.75	-2.54E-05	5.71E-06	6.79E-06	-1.75E-04	-4.63E-05	8.95E-05	7.88E-05	-9.85E-05					
108	526.25	-1.15E+00	-4.29E-01	-4.40E-01	-2.50E+00	-5.07E-01	1.21E+00	1.74E+00	-3.31E+00	-49.08	-1.15E+00	-2.50E+00		
	21.00	-2.19E-05	5.65E-06	5.22E-06	-1.92E-04	-3.90E-05	9.27E-05	8.59E-05	-1.05E-04					
109	515.50	-3.28E+00	-2.15E+00	-2.19E+00	-3.12E+00	-1.22E+00	6.25E-01	4.59E-01	-5.89E+00	-50.10	-2.15E+00	3.12E+00		
	26.00	-4.23E-05	9.41E-07	-5.00E-07	-2.40E-04	-9.41E-05	4.81E-05	1.01E-04	-1.43E-04					
110	531.50	-4.60E-01	-2.03E-01	-1.93E-01	-2.03E+00	-3.51E-01	1.03E+00	1.70E+00	-2.36E+00	-46.81	-4.60E-01	-2.03E+00		
	34.50	-8.28E-06	1.59E-06	1.92E-06	-1.56E-04	-2.70E-05	7.94E-05	7.48E-05	-8.15E-05					
111	515.50	1.36E+00	2.26E+00	1.41E+00	-6.05E+00	-2.75E-01	-1.49E-01	7.88E+00	-4.25E+00	-47.13	1.36E+00	-6.05E+00		
	44.00	-5.10E-06	2.95E-05	4.39E-06	-4.65E-04	-2.11E-05	-1.15E-05	2.45E-04	-2.21E-04					
112	515.50	2.76E-01	1.49E-01	9.44E-02	-1.39E+00	-7.08E-01	5.05E-01	1.60E+00	-1.18E+00	-43.69	1.49E-01	1.39E+00		
	53.33	4.91E-06	1.44E-08	-2.07E-06	-1.07E-04	-5.44E-05	3.89E-05	5.59E-05	-5.09E-05					
113	547.50	9.03E-01	-6.83E-02	2.63E-01	-2.13E+00	-4.23E-01	2.22E+00	2.60E+00	-1.77E+00	-38.57	-7.32E-01	1.86E+00		
	64.00	2.27E-05	-1.47E-05	-1.95E-06	-1.64E-04	-3.26E-05	1.71E-04	8.79E-05	-8.00E-05					
114	515.50	1.76E+00	2.13E+00	1.53E+00	-2.54E+00	-1.55E-01	5.06E-01	4.49E+00	-6.02E-01	-47.11	1.76E+00	-2.54E+00		
	74.67	7.98E-06	2.24E-05	-6.02E-07	-1.95E-04	-1.19E-05	3.90E-05	1.13E-04	-8.27E-05					
115	515.50	3.30E+00	2.07E+00	2.04E+00	-9.01E-01	-5.66E-01	4.78E-01	3.77E+00	1.60E+00	-27.87	2.07E+00	9.01E-01		
	88.00	4.54E-05	-1.80E-06	-2.86E-06	-6.93E-05	-4.35E-05	3.68E-05	6.37E-05	-2.01E-05					
116	547.50	2.11E+00	3.62E-01	8.90E-01	-2.68E+00	-3.82E-01	1.68E+00	4.06E+00	-1.58E+00	-35.98	-7.97E-01	1.96E+00		
	104.00	4.42E-05	-2.30E-05	-2.69E-06	-2.06E-04	-2.94E-05	1.29E-04	1.19E-04	-9.79E-05					
117	515.50	7.07E-01	8.28E-01	4.55E-01	-2.01E+00	-4.56E-02	8.34E-01	2.78E+00	-1.24E+00	-45.86	7.07E-01	-2.01E+00		
	120.00	5.34E-06	9.96E-06	-4.36E-06	-1.55E-04	-3.51E-06	6.42E-05	8.50E-05	-6.97E-05					
118	515.50	2.24E+00	1.35E+00	1.21E+00	-7.73E-01	-3.21E-01	4.01E-01	2.69E+00	9.07E-01	-30.07	1.35E+00	7.73E-01		
	136.00	3.34E-05	-7.70E-07	-6.17E-06	-5.94E-05	-2.47E-05	3.09E-05	5.06E-05	-1.80E-05					
119	547.50	1.81E+00	6.48E-01	7.70E-01	-1.82E+00	-2.20E-01	9.73E-01	3.14E+00	-6.85E-01	-36.18	-1.41E-01	1.33E+00		
	152.00	3.40E-05	-1.05E-05	-5.81E-06	-1.40E-04	-1.69E-05	7.49E-05	8.53E-05	-6.17E-05					
120	515.50	8.61E-01	8.31E-01	4.01E-01	-1.38E+00	-3.85E-02	4.39E-01	2.22E+00	-5.29E-01	-44.69	8.61E-01	-1.38E+00		
	168.00	1.01E-05	8.96E-06	-7.58E-06	-1.06E-04	-2.96E-06	3.38E-05	6.24E-05	-4.34E-05					
121	515.50	2.93E+00	1.78E+00	1.56E+00	-5.97E-01	-3.64E-01	2.99E-01	3.19E+00	1.52E+00	-22.96	1.78E+00	5.97E-01		
	184.00	4.39E-05	-6.06E-07	-8.83E-06	-4.59E-05	-2.80E-05	2.30E-05	5.36E-05	-1.03E-05					
122	547.50	1.11E+00	-4.21E-01	-2.61E-02	-1.95E+00	-2.00E-01	1.35E+00	2.44E+00	-1.75E+00	-34.27	-1.25E+00	1.36E+00		
	200.00	3.55E-05	-2.35E-05	-8.31E-06	-1.50E-04	-1.54E-05	1.04E-04	8.66E-05	-7.46E-05					
123	515.50	-3.41E-01	-5.21E-01	-7.23E-01	-9.68E-01	1.05E-01	5.42E-01	5.36E-01	-1.41E+00	-42.20	-3.41E-01	-9.68E-01		
	216.00	4.41E-06	-2.88E-06	-1.03E-05	-7.44E-05	8.09E-06	4.17E-05	3.82E-05	-3.66E-05					
124	515.50	7.34E-01	3.40E-01	4.62E-02	-2.22E-01	1.08E-02	1.98E-01	8.34E-01	2.40E-01	-24.24	3.40E-01	2.22E-01		
	232.00	1.59E-05	7.78E-07	-1.05E-05	-1.71E-05	8.33E-07	1.52E-05	1.98E-05	-3.07E-06					
125	547.50	3.31E-01	6.35E-02	-2.03E-01	-4.41E-01	2.58E-02	8.52E-01	6.58E-01	-2.64E-01	-36.57	-1.28E-01	3.26E-01		
	248.00	1.06E-05	3.41E-07	-9.92E-06	-3.39E-05	1.98E-06	6.56E-05	2.32E-05	-1.22E-05					
126	515.50	-7.31E-01	-1.02E+00	-1.09E+00	9.07E-02	2.20E-01	6.12E-01	-7.04E-01	-1.04E+00	16.19	-7.31E-01	9.07E-02		
	264.00	3.12E-06	-7.87E-06	-1.09E-05	6.97E-06	1.70E-05	4.71E-05	4.14E-06	-8.88E-06					
127	515.50	2.57E-01	7.50E-02	-1.90E-01	-4.77E-02	3.43E-01	1.16E-01	2.69E-01	6.32E-02	-13.85	7.50E-02	4.77E-02		
	276.00	8.32E-06	1.32E-06	-8.86E-06	-3.67E-06	2.64E-05	8.93E-06	8.77E-06	8.71E-07					
128	521.50	-4.79E-01	-2.96E-01	-6.47E-01	-3.63E-02	1.94E-01	7.40E-02	-2.89E-01	-4.86E-01	-79.21	-4.79E-01	-3.63E-02		
	297.00	-2.91E-06	4.26E-06	-9.26E-06	-2.79E-06	1.49E-05	5.69E-06	4.52E-06	-3.07E-06					
129	515.50	-1.60E+00	-1.18E+00	-1.46E+00	3.48E-01	2.04E-01	3.63E-01	-9.84E-01	-1.80E+00	60.65	-1.60E+00	3.48E-01		
	320.00	-1.51E-05	1.21E-06	-9.43E-06	2.68E-05	1.57E-05	2.79E-05	8.75E-06	-2.26E-05					
183	565.50	-1.48E-01	3.15E-01	2.00E-01	-3.42E+00	-9.31E-01	2.65E+00	3.51E+00	-3.34E+00	-46.93	-1.48E-01	-3.42E+00		
	-8.00	-9.71E-06	8.08E-06	3.65E-06	-2.63E-04	-7.16E-05	2.04E-04	1.31E-04	-1.33E-04					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .110CE+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.4663E+02	.3017E+03	.5585E+02	-.33[illegible]02	-.6940E+02	.4901E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	-.4575E+01	-.1823E+01	-.6579E+00	-[illegible]02	.1902E+02	.2728E+02

[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3467E+01	.5197E+00	-.2358E+00	-.5574E+02	.4126E+02	.5050E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4566E+01	-.1164E+01	.1977E-01	-.7837E+02	.6550E+02	.7393E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5300E+01	.7374E+00	.7246E-04	-.1008E+03	.8924E+02	.9971E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1165E+01	.6674E+00	-.2894E+00	-.1334E+03	.1141E+03	.1310E+03
25	-.1398E+02	-.2254E+01	-.2114E-01	-.1652E+03	.1260E+03	.1617E+03
26	-.5586E+00	-.5429E+00	.1284E+00	-.1797E+03	.1334E+03	.1842E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7871E+02	.1468E+02	-.2270E+01	-.1852E+03	.1862E+03	.2026E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1128E+04	-.2022E+03	.1212E+02	-.2582E+03	.5077E+03	.3207E+03
40	-.8411E+03	-.1380E+03	.2401E+01	-.2448E+03	.5007E+03	.2940E+03
41	-.6114E+03	-.8729E+02	-.7895E+01	-.2133E+03	.4536E+03	.2549E+03
42	-.1618E+03	-.1539E+02	-.9527E+01	-.1864E+03	.3207E+03	.2222E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1723E+04	.2321E+03	.9694E+01	-.4808E+02	.5383E+03	-.1692E+03
48	.1503E+04	.2004E+03	.1080E+02	-.7620E+02	.4999E+03	-.1207E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2246E+04	.3414E+03	.1073E+02	.7388E+02	.3746E+03	-.5008E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.6993E+01	-.6333E+01	.8109E+00	-.2844E+02	.5295E+03	-.1597E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1536E+04	.2329E+03	.1062E+02	.3904E+02	.3005E+03	-.4702E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1074E+04	.1633E+03	.1417E+02	.3847E+02	.2792E+03	-.4567E+03
66	.3533E+03	.5483E+02	.1777E+02	.4581E+02	.2250E+03	-.4761E+03
67	-.7531E+03	-.1116E+03	.1773E+02	.4390E+02	.1682E+03	-.4752E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1340E+04	-.1999E+03	.1476E+02	-.1668E+02	.1169E+03	-.4759E+03
76	.1440E+03	.2258E+02	.5978E+01	-.3390E+02	.5219E+02	-.4821E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5609E+03	-.8431E+02	.7220E+01	-.4783E+02	-.2445E+02	-.4653E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2393E+03	.3533E+02	.5064E+01	-.7901E+02	-.6968E+02	-.4542E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3769E+03	-.5024E+02	.4509E+01	-.5791E+02	-.1339E+03	-.4191E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2223E+03	.3176E+02	.3776E+01	-.4962E+02	-.1709E+03	-.3823E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2531E+03	-.4007E+02	.3831E+01	-.5214E+02	-.2251E+03	-.3441E+03
109	.1516E+03	.2030E+02	.3227E+01	-.5503E+02	-.2592E+03	-.2974E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2103E+03	-.3441E+02	.3104E+01	-.2886E+02	-.2995E+03	-.2480E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9291E+02	-.1698E+02	.4085E+00	-.1269E+02	-.3159E+03	-.1965E+03
115	-.4487E+02	-.9909E+01	-.5165E+00	.3610E+00	-.3169E+03	-.1440E+03
116	-.8568E+02	-.1638E+02	-.1520E+01	.9474E+01	-.3284E+03	-.1114E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.9921E+02	-.1858E+02	-.2489E+01	-.3131E+01	-.3355E+03	-.9633E+02
119	-.7462E+02	-.1459E+02	-.3558E+01	.2529E+02	-.3045E+03	-.5758E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1831E+03	-.2321E+02	-.1092E+02	.1994E+02	-.2598E+03	-.3198E+02
122	-.1528E+03	-.1008E+02	-.1779E+02	-.7956E+01	-.2499E+03	-.3012E+02
123	-.1151E+03	-.6397E+01	-.1579E+02	-.5282E+01	-.2179E+03	-.2702E+02
124	-.8310E+02	-.4451E+01	-.1090E+02	-.3449E+01	-.1791E+03	-.2452E+02
125	-.5379E+02	-.1946E+01	-.8006E+01	-.1933E+01	-.1477E+03	-.2214E+02
126	-.1531E+02	.4004E+01	-.7444E+01	.5872E-02	-.1236E+03	-.1959E+02
127	.1276E+02	.8667E+01	-.7572E+01	.1297E+01	-.1050E+03	-.1637E+02
128	.4121E+02	.1242E+02	-.7168E+01	.4381E+01	-.6721E+02	-.1276E+02
129	.4122E+02	.1068E+02	-.5953E+01	.5724E+01	-.3706E+02	-.9637E+01
130	.2834E+02	.6481E+01	-.4284E+01	.5878E+01	-.1524E+02	-.7542E+01
131	.7365E+01	.1154E+01	-.2831E+01	.5046E+01	-.3981E+01	-.6321E+01
132	-.8269E+00	-.5355E+00	-.2076E+01	.3366E+01	-.5105E+01	-.5524E+01
133	-.1497E+01	-.4540E+00	-.1915E+01	.2337E+01	-.6630E+01	-.4690E+01
	-.4051E+00	-.1257E+00	-.1921E+01	.178[illegible]01	-.5767E+01	-.3702E+01
	.8073E-02	-.3514E-02	-.2159E+01	.13[illegible]	-.4070E+01	-.2727E+01
	.2558E-02	-.1108E-01	-.2876E+01	[illegible]0	-.2628E+01	-.1817E+01

	.6201E-01	.2131E-01	-.4554E+01	.5[illegible]	-.1178E+01	-.9911E+00
138	-.3626E-01	-.1070E+00	-.7929E+02	.3826E+00	.3012E+00	-.4876E+00
139	-.7680E-01	-.1245E+00	.3526E+02	.5468E-01	-.1603E+00	.1552E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.13580E-01	.77387E-04	-.13503E-01	.00000E+00
3	.25046E-01	.23275E-03	-.25092E-01	.00000E+00
4	.27356E-01	.21226E-03	-.27400E-01	.00000E+00
5	.29780E-01	.66532E-04	-.29792E-01	.00000E+00
6	.34115E-01	-.19337E-04	-.34112E-01	-.10499E-05
7	.30996E-01	.17378E-03	-.31362E-01	.00000E+00
8	.34212E-01	.11352E-03	-.34299E-01	-.57096E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.13430E-01	.53628E-04	-.13535E-01	.00000E+00
11	.25302E-01	.98689E-04	-.25565E-01	.00000E+00
12	.28476E-01	.51718E-04	-.28761E-01	.00000E+00
13	.30993E-01	.17334E-04	-.31077E-01	.00000E+00
14	.34444E-01	-.47998E-04	-.34783E-01	-.10149E-05
15	.31562E-01	-.14902E-04	-.32510E-01	.00000E+00
16	.34777E-01	-.12171E-03	-.35583E-01	-.38403E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.13649E-01	-.24680E-04	-.13984E-01	.00000E+00
19	.25908E-01	-.15301E-03	-.26660E-01	.00000E+00
20	.29284E-01	-.20615E-03	-.30142E-01	.00000E+00
21	.31867E-01	-.33042E-03	-.32626E-01	.00000E+00
22	.35251E-01	-.49655E-03	-.36702E-01	-.33123E-05
23	.32905E-01	-.25644E-03	-.35132E-01	.00000E+00
24	.35817E-01	-.41682E-03	-.38179E-01	.52286E-05
25	.36211E-01	-.30349E-03	-.39149E-01	-.27689E-05
26	.36439E-01	-.45420E-03	-.39728E-01	-.13199E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.13952E-01	-.68962E-04	-.14340E-01	.00000E+00
29	.26878E-01	-.34569E-03	-.27712E-01	.00000E+00
30	.30096E-01	-.51785E-03	-.31732E-01	.00000E+00
31	.33086E-01	-.48900E-03	-.35451E-01	.00000E+00
32	.36687E-01	-.55388E-03	-.40373E-01	.15735E-04
33	.33094E-01	-.30962E-03	-.35388E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.14003E-01	.62671E-04	-.14336E-01	.00000E+00
36	.27313E-01	-.41333E-03	-.27951E-01	.00000E+00
37	.30565E-01	-.51988E-03	-.31511E-01	.00000E+00
38	.34215E-01	-.79737E-03	-.36733E-01	.00000E+00
39	.37045E-01	-.78278E-03	-.41436E-01	-.30415E-04
40	.36973E-01	-.51326E-03	-.41186E-01	-.17739E-04
41	.36902E-01	-.38751E-03	-.40954E-01	-.64298E-05
42	.36826E-01	-.39309E-03	-.40700E-01	.70727E-05
43	.30874E-01	-.43682E-03	-.30741E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.13582E-01	-.66390E-03	-.13066E-01	.00000E+00
46	.27988E-01	-.53912E-03	-.26730E-01	.00000E+00
47	.37090E-01	-.99312E-03	-.41524E-01	-.20841E-04
48	.37069E-01	-.89684E-03	-.41519E-01	-.34807E-04
49	.34208E-01	-.73949E-03	-.36395E-01	.00000E+00
50	.37464E-01	-.91193E-03	-.41704E-01	-.92623E-04
51	.35054E-01	-.61742E-03	-.35458E-01	.00000E+00
52	.39193E-01	-.91899E-03	-.39082E-01	.00000E+00
53	.37105E-01	-.10787E-02	-.41546E-01	-.32104E-04
54	.31117E-01	-.68191E-03	-.28608E-01	.00000E+00
55	.34860E-01	-.50052E-03	-.31734E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00

57	.11942E-01	.10713E-02	-.96203E-02	.00000E+00
58	.25660E-01	.21571E-03	-.18715E-01	.00000E+00
59	.40280E-01	-.10371E-02	-.36984E-01	.00000E+00
60	.39471E-01	-.93709E-03	-.37987E-01	.00000E+00
61	.37818E-01	-.92316E-03	-.41819E-01	-.14023E-03
62	.29972E-01	-.48654E-03	-.22670E-01	.00000E+00
63	.34277E-01	-.89119E-03	-.27196E-01	.00000E+00
64	.40001E-01	-.10054E-02	-.39671E-01	.00000E+00
65	.38291E-01	-.92501E-03	-.41928E-01	-.17299E-03
66	.39453E-01	-.93724E-03	-.42146E-01	-.20840E-03
67	.40699E-01	-.95501E-03	-.42383E-01	-.19744E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.95674E-02	-.30565E-03	-.60195E-02	.00000E+00
70	.27450E-01	-.53316E-03	-.19442E-01	.00000E+00
71	.39861E-01	-.13561E-02	-.31545E-01	.00000E+00
72	.41173E-01	-.11307E-02	-.39780E-01	.00000E+00
73	.33788E-01	-.67149E-03	-.22774E-01	.00000E+00
74	.43679E-01	-.12799E-02	-.41692E-01	.00000E+00
75	.41751E-01	-.96319E-03	-.42594E-01	-.14866E-03
76	.43140E-01	-.96202E-03	-.43006E-01	-.10222E-03
77	.38544E-01	-.13575E-02	-.27105E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.11615E-01	.23156E-03	-.80749E-02	.00000E+00
80	.26662E-01	-.72063E-03	-.17634E-01	.00000E+00
81	.29802E-01	-.88279E-03	-.19414E-01	.00000E+00
82	.32834E-01	-.13051E-02	-.22295E-01	.00000E+00
83	.44430E-01	-.19012E-02	-.35240E-01	.00000E+00
84	.42527E-01	-.17960E-02	-.29940E-01	.00000E+00
85	.44704E-01	-.99180E-03	-.43525E-01	-.80995E-04
86	.45294E-01	-.13601E-02	-.43008E-01	.00000E+00
87	.39187E-01	-.13710E-02	-.26153E-01	.00000E+00
88	.45651E-01	-.14247E-02	-.39568E-01	.00000E+00
89	.45758E-01	-.97733E-03	-.44042E-01	-.64464E-04
90	.31306E-01	-.28934E-03	-.17854E-01	.00000E+00
91	.33302E-01	-.53906E-03	-.18999E-01	.00000E+00
92	.35350E-01	-.18757E-03	-.19952E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.13875E-01	.00000E+00	-.81142E-02	.00000E+00
95	.25257E-01	.00000E+00	-.14322E-01	.00000E+00
96	.28720E-01	.00000E+00	-.16137E-01	.00000E+00
97	.30043E-01	.00000E+00	-.16386E-01	.00000E+00
98	.29661E-01	.00000E+00	-.16119E-01	.00000E+00
99	.32002E-01	.80693E-04	-.17303E-01	.00000E+00
100	.38112E-01	-.42415E-03	-.22040E-01	.00000E+00
101	.44817E-01	-.10140E-02	-.30168E-01	.00000E+00
102	.47411E-01	-.98744E-03	-.44784E-01	-.58471E-04
103	.46546E-01	-.17601E-02	-.36194E-01	.00000E+00
104	.48267E-01	-.12495E-02	-.44712E-01	.00000E+00
105	.48558E-01	-.10019E-02	-.45448E-01	-.51413E-04
106	.48401E-01	-.21129E-02	-.39626E-01	.00000E+00
107	.50251E-01	-.12557E-02	-.45653E-01	.00000E+00
108	.49919E-01	-.10254E-02	-.46075E-01	-.49192E-04
109	.50876E-01	-.10425E-02	-.46623E-01	-.41359E-04
110	.50647E-01	-.11467E-02	-.42073E-01	.00000E+00
111	.52270E-01	-.10336E-02	-.47057E-01	.00000E+00
112	.51935E-01	-.10635E-02	-.47105E-01	-.37121E-04
113	.51925E-01	-.14760E-02	-.44128E-01	.00000E+00
114	.52517E-01	-.11134E-02	-.47502E-01	-.15118E-04
115	.52755E-01	-.11504E-02	-.47830E-01	-.49271E-05
116	.52772E-01	-.12048E-02	-.48066E-01	.33486E-05
117	.52586E-01	-.10078E-02	-.48151E-01	.00000E+00
118	.52701E-01	-.12229E-02	-.48173E-01	.88404E-05
[illegible]	.52435E-01	-.12588E-02	-.48318E-01	[illegible]678E-04
[illegible]	.53070E-01	-.13021E-02	-.48542E-01	[illegible]000E+00

[illegible]	.51853E-01	-.13076E-02	-.49433E-01	[illegible]609E-04
122	.51787E-01	-.15304E-02	-.48506E-01	.39399E-04
123	.51688E-01	-.18154E-02	-.48567E-01	.44621E-04
124	.51572E-01	-.21239E-02	-.48628E-01	.50466E-04
125	.51421E-01	-.24507E-02	-.48692E-01	.57157E-04
126	.51129E-01	-.30592E-02	-.48799E-01	.64266E-04
127	.50820E-01	-.37203E-02	-.48903E-01	.64159E-04
128	.50250E-01	-.50028E-02	-.49115E-01	.49577E-04
129	.49889E-01	-.58748E-02	-.49311E-01	.29170E-04
130	.49725E-01	-.63173E-02	-.49524E-01	.59589E-05
131	.49871E-01	-.59514E-02	-.49848E-01	-.17872E-04
132	.50185E-01	-.49555E-02	-.50132E-01	-.23980E-04
133	.50461E-01	-.39428E-02	-.50379E-01	-.20781E-04
134	.50645E-01	-.31033E-02	-.50577E-01	-.17456E-04
135	.50776E-01	-.23561E-02	-.50736E-01	-.16438E-04
136	.50871E-01	-.16190E-02	-.50852E-01	-.16585E-04
137	.50926E-01	-.89703E-03	-.50921E-01	-.16518E-04
138	.50963E-01	-.13413E-03	-.50963E-01	-.16943E-04
139	.50963E-01	-.16647E-04	-.50963E-01	-.16677E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-6.56E-03	2.09E-02	2.76E-03	1.65E+00	-1.68E-04	-1.66E+00	1.66E+00	-1.64E+00	45.24	-6.56E-03	1.65E+00
	-303.00	-5.20E-07	7.78E-07	-9.69E-08	1.50E-04	-1.53E-08	-1.51E-04	7.51E-05	-7.49E-05			
2	72.00	2.18E-02	3.82E-02	-1.20E-02	1.42E+00	-6.40E-03	-1.46E+00	1.45E+00	-1.39E+00	45.17	2.18E-02	1.42E+00
	-213.00	3.68E-07	1.11E-06	-1.17E-06	1.29E-04	-5.82E-07	-1.33E-04	6.53E-05	-6.38E-05			
3	72.00	2.76E-01	4.13E-02	-3.14E-02	9.83E-01	-9.13E-02	-1.05E+00	1.15E+00	-8.31E-01	41.59	2.76E-01	9.83E-01
	-138.00	4.78E-06	-5.62E-07	-2.21E-06	4.47E-05	-4.15E-06	-4.79E-05	2.46E-05	-2.04E-05			
4	24.00	9.43E-01	3.63E-01	4.56E-01	1.86E+00	-2.60E-01	-2.01E+00	2.53E+00	-1.23E+00	40.57	9.43E-01	1.86E+00
	-68.00	1.69E-05	-5.40E-06	-1.81E-06	1.43E-04	-2.00E-05	-1.55E-04	7.81E-05	-6.66E-05			
5	72.00	-1.92E-01	-5.76E-02	-2.44E-01	7.79E-01	4.05E-02	-8.55E-01	6.57E-01	-9.06E-01	47.46	-5.76E-02	-7.79E-01
	-88.00	-1.95E-06	3.20E-06	-3.96E-06	5.99E-05	3.12E-06	-6.58E-05	3.07E-05	-2.94E-05			
6	120.00	-7.62E-02	-4.92E-02	-1.37E-01	1.61E+00	8.23E-02	-1.57E+00	1.54E+00	-1.67E+00	45.24	1.52E+00	-2.77E-01
	-68.00	-5.30E-08	9.88E-07	-2.37E-06	1.24E-04	6.33E-06	-1.21E-04	6.23E-05	-6.14E-05			
7	36.25	4.79E-01	2.07E-01	1.58E-01	8.68E-01	-1.18E-01	-8.43E-01	1.22E+00	-5.35E-01	40.54	4.49E-01	8.72E-01
	-19.00	9.15E-06	-1.33E-06	-3.19E-06	6.67E-05	-9.06E-06	-6.48E-05	3.77E-05	-2.99E-05			
8	108.00	-4.09E-02	-1.12E-01	-1.35E-01	7.18E-01	8.44E-03	-7.52E-01	6.43E-01	-7.95E-01	43.59	-4.09E-02	7.18E-01
	-19.00	1.58E-06	-1.13E-06	-2.03E-06	5.52E-05	6.49E-07	-5.79E-05	2.79E-05	-2.74E-05			
9	216.00	3.48E-02	2.16E-02	6.84E-03	1.65E+00	-1.16E-02	-1.68E+00	1.68E+00	-1.62E+00	44.89	3.48E-02	1.65E+00
	-303.00	7.59E-07	1.62E-07	-5.10E-07	1.50E-04	-1.05E-06	-1.53E-04	7.55E-05	-7.46E-05			
10	216.00	9.37E-02	2.07E-02	-6.26E-03	1.46E+00	-4.05E-02	-1.51E+00	1.52E+00	-1.41E+00	44.29	9.37E-02	1.46E+00
	-213.00	2.85E-06	-4.64E-07	-1.69E-06	1.33E-04	-3.68E-06	-1.37E-04	6.77E-05	-6.53E-05			
11	216.00	2.67E-01	1.49E-02	-5.84E-02	1.16E+00	-1.34E-01	-1.22E+00	1.31E+00	-1.03E+00	41.90	2.67E-01	1.16E+00
	-138.00	4.90E-06	-8.34E-07	-2.50E-06	5.28E-05	-6.10E-06	-5.54E-05	2.86E-05	-2.45E-05			
12	168.00	4.11E-01	1.47E-01	1.62E-01	1.75E+00	-2.37E-01	-1.82E+00	2.04E+00	-1.48E+00	42.85	4.11E-01	1.75E+00
	-68.00	7.91E-06	-2.26E-06	-1.70E-06	1.35E-04	-1.82E-05	-1.40E-04	7.05E-05	-6.48E-05			
13	216.00	-3.17E-01	-7.29E-02	-3.01E-01	6.77E-01	1.60E-02	-7.57E-01	4.93E-01	-8.82E-01	50.11	-7.29E-02	-6.77E-01
	-88.00	-4.60E-06	4.78E-06	-3.97E-06	5.20E-05	1.23E-06	-5.82E-05	2.65E-05	-2.64E-05			
14	264.00	1.11E-01	-2.36E-02	-8.33E-02	1.56E+00	2.14E-02	-1.58E+00	1.60E+00	-1.51E+00	43.76	1.56E+00	-3.47E-01
	-68.00	4.23E-06	-9.55E-07	-3.25E-06	1.20E-04	1.65E-06	-1.21E-04	6.15E-05	-5.83E-05			
15	180.00	2.55E-01	5.31E-02	1.31E-02	7.38E-01	-1.62E-01	-7.57E-01	8.98E-01	-5.91E-01	41.11	2.55E-01	7.38E-01
	-19.00	6.27E-06	-1.48E-06	-3.02E-06	5.67E-05	-1.25E-05	-5.82E-05	3.10E-05	-2.62E-05			
16	252.00	9.46E-02	-1.07E-01	-1.48E-01	6.77E-01	-6.04E-02	-7.89E-01	6.79E-01	-6.91E-01	40.77	9.46E-02	6.77E-01
	-19.00	5.40E-06	-2.35E-06	-3.93E-06	5.21E-05	-4.64E-06	-6.07E-05	2.79E-05	-2.48E-05			
17	361.00	2.37E-02	-1.06E-02	-1.02E-02	1.69E+00	-7.87E-03	-1.73E+00	1.69E+00	-1.68E+00	44.71	2.37E-02	1.69E+00
	-303.00	1.04E-06	-5.19E-07	-5.01E-07	1.53E-04	-7.15E-07	-1.57E-04	7.69E-05	-7.63E-05			
18	361.00	1.19E-01	-2.68E-02	-1.25E-02	1.53E+00	-3.54E-02	-1.59E+00	1.58E+00	-1.49E+00	43.64	1.19E-01	1.53E+00
	-213.00	4.37E-06	-2.25E-06	-1.60E-06	1.39E-04	-3.21E-06	-1.44E-04	7.07E-05	-6.86E-05			
19	361.00	3.15E-01	-3.62E-02	-7.80E-02	1.17E+00	-1.37E-01	-1.36E+00	1.32E+00	-1.04E+00	40.73	3.15E-01	1.17E+00

	-138.00	6.11E-06	-1.83E-06	-2.83E-06	5.32E-05	-6.22E-06	-6.17E-05	2.90E-05	-2.48E-05				
20	312.00	7.23E-01	2.19E-01	2.77E-01	1.97E+00	-4.17E-01	-2.15E+00	2.40E+00	-1.46E+00	41.25	7.23E-01	1.92E+00	
	-68.00	1.44E-05	-4.94E-06	-2.75E-06	1.47E-04	-3.21E-05	-1.65E-04	7.91E-05	-6.97E-05				
21	360.67	-5.34E-01	-1.55E-01	-4.41E-01	8.32E-01	7.86E-02	-1.09E+00	5.09E-01	-1.20E+00	51.40	-1.56E-01	-8.32E-01	
	-88.00	-8.11E-06	6.43E-06	-4.54E-06	6.40E-05	6.05E-06	-6.35E-05	3.20E-05	-3.37E-05				
22	409.33	2.61E-01	3.37E-01	9.38E-02	1.86E+00	-4.02E-03	-2.32E+00	2.16E+00	-1.57E+00	45.58	2.13E+00	-3.48E-01	
	-68.00	2.45E-06	5.35E-06	-4.00E-06	1.43E-04	-3.09E-07	-1.79E-04	7.56E-05	-6.78E-05				
23	324.00	4.50E-01	8.73E-02	2.41E-02	7.20E-01	-2.51E-01	-7.83E-01	1.01E+00	-4.73E-01	37.92	4.50E-01	7.20E-01	
	-19.00	1.11E-05	-2.81E-06	-5.25E-06	5.53E-05	-2.24E-05	-6.02E-05	3.27E-05	-2.44E-05				
24	372.00	2.13E-01	-2.27E-01	-2.27E-01	2.09E+00	-2.72E-01	-2.26E+00	2.09E+00	-2.11E+00	41.93	2.13E-01	2.09E+00	
	-0.33	1.09E-05	-6.34E-06	-5.99E-06	1.61E-04	-2.09E-05	-1.74E-04	8.30E-05	-7.84E-05				
25	401.25	1.33E-01	-2.76E-03	-1.93E-01	6.72E-01	-8.82E-02	-8.91E-01	7.41E-01	-6.11E-01	42.13	-5.08E-01	3.59E-01	
	-19.00	5.80E-06	5.92E-07	-6.74E-06	5.17E-05	-6.78E-06	-6.86E-05	2.92E-05	-2.26E-05				
26	427.67	6.42E-01	2.59E-01	1.59E-01	2.30E+00	-3.70E-01	-3.15E+00	2.76E+00	-1.85E+00	42.62	1.96E+00	1.74E+00	
	-0.33	1.30E-05	-1.69E-06	-5.53E-06	1.77E-04	-2.84E-05	-2.42E-04	5.43E-05	-8.30E-05				
27	457.00	1.78E-02	4.79E-03	-3.13E-03	1.72E+00	4.75E-03	-1.75E+00	1.74E+00	-1.71E+00	44.89	1.78E-02	1.72E+00	
	-303.00	5.55E-07	-3.44E-08	-3.94E-07	1.57E-04	4.31E-07	-1.59E-04	7.86E-05	-7.81E-05				
28	457.00	1.12E-01	-9.64E-02	-3.08E-02	1.61E+00	-1.51E-02	-1.64E+00	1.62E+00	-1.61E+00	43.15	1.12E-01	1.61E+00	
	-213.00	5.28E-06	-4.18E-06	-1.20E-06	1.46E-04	-1.37E-06	-1.50E-04	7.39E-05	-7.28E-05				
29	457.00	6.07E-01	7.27E-02	7.69E-02	1.17E+00	4.43E-02	-1.37E+00	1.54E+00	-8.66E-01	38.57	6.07E-01	1.17E+00	
	-138.00	9.82E-06	-2.31E-06	-2.22E-06	5.32E-05	2.01E-06	-6.22E-05	3.10E-05	-2.35E-05				
30	442.00	6.58E-02	1.73E-01	-3.91E-02	2.04E+00	8.21E-02	-2.39E+00	2.16E+00	-1.92E+00	45.75	6.58E-02	2.04E+00	
	-68.00	3.34E-07	4.47E-06	-3.70E-06	1.57E-04	6.31E-06	-1.84E-04	8.10E-05	-7.62E-05				
31	457.33	-2.53E+00	-1.49E+00	-1.69E+00	7.70E-01	1.25E+00	-1.27E+00	-1.08E+00	-2.94E+00	61.99	-1.49E+00	-7.70E-01	
	-88.00	-3.46E-05	5.31E-06	-2.07E-06	5.92E-05	9.60E-05	-9.74E-05	2.11E-05	-5.04E-05				
32	472.67	3.57E+00	2.09E+00	2.19E+00	1.84E+00	-7.69E-01	-3.09E+00	4.81E+00	8.46E-01	34.09	4.58E+00	9.28E-01	
	-68.00	8.09E-05	-8.80E-06	-2.00E-06	1.42E-04	-5.91E-05	-2.38E-04	9.89E-05	-5.37E-05				
33	443.00	3.78E-01	1.21E-01	-5.13E-02	9.79E-01	-1.22E-01	-1.18E+00	1.24E+00	-7.37E-01	41.27	3.78E-01	9.79E-01	
	-19.50	9.61E-06	-2.57E-07	-6.90E-06	7.53E-05	-9.40E-06	-9.06E-05	4.26E-05	-3.33E-05				
34	454.00	2.74E+00	1.55E+00	1.53E+00	2.73E+00	-8.69E-01	-3.95E+00	4.93E+00	-6.51E-01	38.84	3.80E+00	2.24E+00	
	-11.33	4.14E-05	-4.43E-06	-5.05E-06	2.10E-04	-6.68E-05	-3.04E-04	1.26E-04	-8.89E-05				
35	461.67	-1.13E-01	-4.55E-01	-4.08E-01	2.61E+00	-2.10E-01	-4.07E+00	2.33E+00	-2.90E+00	43.13	-1.13E-01	2.61E+00	
	-12.00	6.37E-06	-6.77E-06	-4.97E-06	2.01E-04	-1.61E-05	-3.13E-04	1.00E-04	-1.01E-04				
36	469.00	-1.71E+00	-8.97E-01	-1.24E+00	2.55E-01	1.11E+00	-1.59E+00	-8.23E-01	-1.78E+00	73.92	-8.97E-01	-2.55E-01	
	-30.00	-2.35E-05	7.73E-06	-5.37E-06	1.96E-05	8.55E-05	-1.22E-04	1.06E-05	-2.63E-05				
37	476.33	5.37E-01	5.13E-01	2.28E-01	1.72E+00	-2.28E-01	-3.31E+00	2.24E+00	-1.19E+00	44.80	1.21E+00	1.57E+00	
	-12.00	6.61E-06	5.69E-06	-5.29E-06	1.32E-04	-1.75E-05	-2.55E-04	7.21E-05	-5.98E-05				
38	558.50	-2.10E-01	-2.62E-01	-1.85E-01	1.67E+00	4.31E-02	-1.67E+00	1.43E+00	-1.90E+00	44.56	-2.10E-01	1.67E+00	
	-303.00	-1.02E-06	-3.37E-06	1.27E-07	1.51E-04	3.92E-06	-1.52E-04	7.35E-05	-7.79E-05				
39	558.50	8.15E-03	-5.88E-02	-7.80E-03	1.66E+00	8.29E-02	-1.66E+00	1.63E+00	-1.68E+00	44.42	8.15E-03	1.66E+00	
	-213.00	1.13E-06	-1.91E-06	4.04E-07	1.51E-04	7.53E-06	-1.51E-04	7.50E-05	-7.58E-05				
40	506.17	1.33E-01	-2.13E-01	-9.61E-02	3.71E+00	2.44E-01	-3.62E+00	3.68E+00	-3.76E+00	43.67	1.33E-01	3.71E+00	
	-128.00	3.94E-06	-3.91E-06	-1.26E-06	1.69E-04	1.11E-05	-1.64E-04	8.45E-05	-8.45E-05				
41	558.50	-5.95E-01	-5.34E-02	-6.57E-02	1.54E+00	8.55E-01	-2.18E+00	1.24E+00	-1.89E+00	49.99	-5.34E-02	-1.54E+00	
	-148.00	-9.78E-06	2.53E-06	2.25E-06	6.99E-05	3.89E-05	-9.93E-05	3.19E-05	-3.91E-05				
42	610.83	2.03E-01	-6.91E-02	1.58E-01	3.28E+00	5.52E-01	-2.83E+00	3.35E+00	-3.22E+00	43.81	3.20E+00	-9.33E-01	
	-128.00	3.09E-06	-3.10E-06	2.06E-06	1.49E-04	2.51E-05	-1.29E-04	7.47E-05	-7.47E-05				
43	501.38	-1.03E-01	-2.45E-01	-2.39E-01	8.17E-01	3.09E-01	-9.99E-01	6.46E-01	-9.94E-01	42.52	-1.03E-01	8.17E-01	
	-78.00	2.49E-06	-2.97E-06	-2.75E-06	6.28E-05	2.38E-05	-7.69E-05	3.13E-05	-3.18E-05				
44	534.67	3.61E-01	-2.34E-01	5.96E-02	2.56E+00	1.67E-01	-3.26E+00	2.64E+00	-2.51E+00	41.68	2.53E+00	-7.37E-01	
	-68.00	1.18E-05	-1.11E-05	2.49E-07	1.97E-04	1.28E-05	-2.51E-04	9.94E-05	-9.86E-05				
45	584.67	-5.49E-01	-6.69E-01	-4.79E-01	2.69E+00	6.14E-01	-2.25E+00	2.09E+00	-3.30E+00	44.36	-5.49E-01	2.69E+00	
	-68.00	-2.47E-06	-7.08E-06	2.27E-07	2.07E-04	4.72E-05	-1.73E-04	9.89E-05	-1.08E-04				
46	610.83	-2.50E+00	-1.15E+00	-1.31E+00	1.46E+00	1.17E+00	-1.80E+00	-2.21E-01	-3.43E+00	57.36	-1.15E+00	-1.46E+00	
	-88.00	-4.15E-05	1.01E-05	4.11E-06	1.12E-04	9.00E-05	-1.39E-04	4.61E-05	-7.74E-05				
47	482.63	-2.72E-01	-3.73E-01	-5.13E-01	5.72E-01	3.29E-01	-1.15E+00	2.52E-01	-8.97E-01	42.49	-2.72E-01	5.72E-01	
	-21.00	2.26E-06	-1.61E-06	-7.02E-06	4.40E-05	2.53E-05	-8.87E-05	2.24E-05	-2.18E-05				
48	485.83	-6.30E-01	-1.03E+00	-8.29E-01	1.71E+00	4.00E-02	-3.68E+00	8.95E-01	-2.56E+00	41.66	-4.11E-01	1.67E+00	
	-12.00	3.13E-06	-1.23E-05	-4.50E-06	1.32E-04	3.07E-06	-2.83E-04	6.18E-05	-7.10E-05				
49	507.98	8.17E-03	-4.06E-01	-3.65E-01	6.40E-01	1.81E-01	-1.27E+00	4.74E-01	-8.72E-01	36.03	8.17E-03	6.40E-01	
	-21.00	8.70E-06	-7.25E-06	-5.65E-06	4.92E-05	1.40E-05	-5.76E-05	2.66E-05	-2.52E-05				
50	539.[illegible]	4.22E-01	-5.01E-01	-5.89E-02	2.30E+00	8.39E-01	-2.87E+00	2.30E+00	-2.38E+00	39.32	2.20E+00	-6.81E-01	
	-10.[illegible]	1.77E-05	-1.77E-05	-7.50E-07	1.77E-04	6.46E-05	[illegible]1E-04	9.01E-05	-9.01E-05				
51	484[illegible]	9.69E+00	-6.08E+00	-6.24E+00	-1.54E-01	7.47E-01	[illegible]2E-01	-6.07E+00	-8.70E+00	-86.65	-6.08E+00	1.5[illegible]	

	8.00	[illegible]03E-04	-2.85E-06	-9.17E-06	-1.18E-05	5.73E-05	[illegible]05	-2.50E-06	-1.04E-04				
52	507.00	2.54E+00	2.92E+00	1.95E+00	1.65E+00	3.86E-01	1.[illegible]9E+00	4.39E+00	1.06E+00	48.22	4.08E+00	9.77E-0[illegible]	
	5.00	1.64E-05	3.07E-05	-6.42E-06	1.27E-04	2.97E-05	8.38E-05	8.76E-05	-4.05E-05				
53	603.00	1.76E-01	-1.53E-01	1.22E-01	1.05E+00	3.56E-01	-5.02E-01	1.07E+00	-1.05E+00	40.55	-5.14E-01	9.22E-01	
	-18.00	5.17E-06	-7.49E-06	3.11E-06	8.07E-05	3.05E-05	-6.94E-05	3.97E-05	-4.20E-05				
54	712.00	-2.33E-01	-5.41E-02	-8.29E-02	1.63E+00	1.15E-01	-1.39E+00	1.49E+00	-1.76E+00	46.57	-2.33E-01	1.63E+00	
	-303.00	-5.78E-06	2.34E-06	1.03E-06	1.48E-04	1.05E-05	-1.26E-04	7.25E-05	-7.60E-05				
55	712.00	-9.03E-01	-6.95E-01	-5.19E-01	1.80E+00	3.77E-01	-1.39E+00	1.01E+00	-2.61E+00	46.64	-9.03E-01	1.80E+00	
	-213.00	-1.35E-05	-4.13E-06	3.91E-06	1.64E-04	3.43E-05	-1.26E-04	7.33E-05	-9.10E-05				
56	712.00	-9.16E-01	-7.17E-01	-1.28E-01	1.43E+00	8.84E-01	-1.06E+00	6.21E-01	-2.25E+00	46.98	-9.16E-01	1.43E+00	
	-138.00	-1.16E-05	-7.06E-06	6.33E-06	6.52E-05	4.02E-05	-4.81E-05	2.33E-05	-4.20E-05				
57	712.00	-1.84E-01	-8.44E-02	1.48E-01	8.63E-01	3.63E-01	-8.17E-01	7.30E-01	-9.99E-01	46.65	-1.84E-01	8.63E-01	
	-78.00	-5.76E-06	-1.93E-06	7.03E-06	6.64E-05	2.79E-05	-6.29E-05	2.94E-05	-3.71E-05				
58	712.00	-3.19E-01	-4.60E-01	-3.28E-02	1.16E+00	3.33E-01	-1.02E+00	7.75E-01	-1.55E+00	43.26	-3.19E-01	1.16E+00	
	-18.00	-3.34E-06	-8.78E-06	7.66E-06	8.94E-05	2.56E-05	-7.86E-05	3.87E-05	-5.09E-05				
59	837.00	-4.72E+00	-2.70E+00	-2.97E+00	1.38E+00	7.05E-01	-1.18E+00	-2.00E+00	-5.42E+00	63.09	-2.70E+00	-1.38E+00	
	-318.00	-7.97E-05	1.21E-05	.00E+00	1.25E-04	6.41E-05	-1.07E-04	4.40E-05	-1.12E-04				
60	887.00	-8.13E-01	-3.47E-01	-4.64E-01	3.70E+00	2.64E-01	-2.65E+00	3.12E+00	-4.28E+00	46.81	2.79E+00	-1.53E+00	
	-288.00	-1.59E-05	5.33E-06	.00E+00	3.36E-04	2.40E-05	-2.41E-04	1.63E-04	-1.74E-04				
61	987.00	7.15E-01	3.22E-01	4.15E-01	3.80E+00	-1.51E-01	-2.46E+00	4.32E+00	-3.28E+00	43.52	7.15E-01	3.80E+00	
	-288.00	1.37E-05	-4.22E-06	.00E+00	3.45E-04	-1.37E-05	-2.23E-04	1.78E-04	-1.68E-04				
62	1037.00	-4.88E+00	-3.07E+00	-3.18E+00	2.82E+00	5.92E-01	-1.97E+00	-1.01E+00	-6.94E+00	53.92	-3.07E+00	-2.82E+00	
	-318.00	-7.74E-05	5.15E-06	.00E+00	2.57E-04	5.38E-05	-1.79E-04	9.86E-05	-1.71E-04				
63	862.00	-1.35E-01	-2.27E-01	4.13E-02	1.85E+00	3.89E-02	-1.38E+00	1.67E+00	-2.03E+00	44.29	-1.35E-01	1.85E+00	
	-213.00	-1.97E-06	-6.15E-06	6.04E-06	1.68E-04	3.54E-06	-1.25E-04	8.01E-05	-8.83E-05				
64	1012.00	2.50E-01	1.26E-02	2.88E-01	2.03E+00	-7.46E-02	-1.40E+00	2.16E+00	-1.90E+00	43.32	2.50E-01	2.03E+00	
	-213.00	4.20E-06	-6.58E-06	5.96E-06	1.84E-04	-6.78E-06	-1.27E-04	9.10E-05	-9.34E-05				
65	837.00	4.72E-01	-3.54E-01	5.83E-01	1.35E+00	4.95E-02	-1.44E+00	1.47E+00	-1.35E+00	36.51	-3.54E-01	-1.35E+00	
	-148.00	7.05E-06	-1.17E-05	9.57E-06	6.15E-05	2.25E-06	-6.53E-05	2.98E-05	-3.45E-05				
66	937.00	-8.04E-02	-3.34E-01	3.65E-01	2.49E+00	5.08E-02	-1.75E+00	2.28E+00	-2.70E+00	43.54	1.42E+00	-1.89E+00	
	-128.00	-1.57E-06	-7.33E-06	8.55E-06	1.13E-04	2.31E-06	-7.94E-05	5.21E-05	-6.10E-05				
67	1037.00	-2.06E+00	-8.66E-01	-3.79E-01	2.34E+00	6.00E-01	-1.95E+00	9.54E-01	-3.88E+00	52.14	-8.66E-01	-2.34E+00	
	-148.00	-2.94E-05	-2.36E-06	8.71E-06	1.06E-04	2.73E-05	-8.88E-05	3.90E-05	-7.08E-05				
68	837.00	-6.76E-01	-1.03E+00	-3.65E-01	2.71E+00	2.70E-01	-1.98E+00	1.86E+00	-3.57E+00	43.14	-6.76E-01	2.71E+00	
	-68.00	-3.26E-06	-1.68E-05	8.72E-06	2.09E-04	2.08E-05	-1.52E-04	9.45E-05	-1.15E-04				
69	937.00	-5.24E-01	6.59E-02	2.09E-01	1.35E+00	2.88E-01	-1.08E+00	1.15E+00	-1.61E+00	51.17	6.59E-02	-1.35E+00	
	-88.00	-1.74E-05	5.28E-06	1.08E-05	1.04E-04	2.21E-05	-8.31E-05	4.71E-05	-5.92E-05				
70	1037.00	-5.39E-01	-6.48E-01	-1.21E-01	2.32E+00	-8.49E-02	-1.97E+00	1.72E+00	-2.91E+00	44.33	9.65E-01	-1.72E+00	
	-68.00	-6.36E-06	-1.06E-05	9.73E-06	1.78E-04	-6.53E-06	-1.51E-04	8.07E-05	-9.76E-05				
71	862.00	-3.98E-01	-4.92E-01	4.37E-02	1.13E+00	2.41E-01	-9.24E-01	6.87E-01	-1.58E+00	43.82	-3.98E-01	1.13E+00	
	-18.00	-6.02E-06	-9.61E-06	1.10E-05	8.70E-05	1.86E-05	-7.11E-05	3.57E-05	-5.13E-05				
72	1012.00	1.85E-01	4.86E-02	5.07E-01	1.18E+00	-8.58E-02	-8.72E-01	1.29E+00	-1.06E+00	43.35	1.85E-01	1.18E+00	
	-18.00	-1.04E-06	-6.27E-06	1.14E-05	9.04E-05	-6.60E-06	-6.71E-05	4.16E-05	-4.85E-05				
73	1387.00	2.55E-01	2.42E-01	2.50E-01	1.56E+00	-1.88E-02	-9.90E-01	1.80E+00	-1.31E+00	44.88	2.55E-01	1.56E+00	
	-303.00	1.89E-06	1.29E-06	1.68E-06	1.41E-04	-1.71E-06	-9.00E-05	7.23E-05	-6.91E-05				
74	1387.00	4.63E-02	-8.57E-02	1.47E-01	1.62E+00	-2.80E-02	-9.63E-01	1.60E+00	-1.64E+00	43.83	4.63E-02	1.62E+00	
	-213.00	7.12E-07	-5.29E-06	5.27E-06	1.47E-04	-2.55E-06	-8.75E-05	7.14E-05	-7.60E-05				
75	1387.00	6.87E-02	8.94E-02	4.87E-01	1.18E+00	-4.83E-02	-6.53E-01	1.26E+00	-1.11E+00	45.25	6.87E-02	1.18E+00	
	-138.00	-1.82E-06	-1.35E-06	7.68E-06	5.39E-05	-2.19E-06	-2.97E-05	2.53E-05	-2.85E-05				
76	1187.00	-1.72E-01	-1.48E-01	1.81E-01	1.88E+00	8.19E-02	-9.01E-01	1.72E+00	-2.04E+00	45.18	-1.72E-01	1.88E+00	
	-68.00	-5.09E-06	-4.17E-06	8.50E-06	1.45E-04	6.30E-06	-6.93E-05	6.76E-05	-7.69E-05				
77	1387.00	-4.43E-01	-4.50E-01	-2.70E-02	8.85E-01	6.13E-02	-5.58E-01	4.39E-01	-1.33E+00	44.88	-4.50E-01	-8.85E-01	
	-88.00	-6.92E-06	-7.21E-06	9.07E-06	6.81E-05	4.71E-06	-4.29E-05	2.70E-05	-4.11E-05				
78	1587.00	-1.66E-01	-1.82E-01	1.49E-01	1.15E+00	-3.95E-02	-4.80E-01	9.72E-01	-1.32E+00	44.81	2.60E-01	-1.06E+00	
	-68.00	-4.21E-06	-4.81E-06	7.93E-06	8.82E-05	-3.04E-06	-3.69E-05	3.96E-05	-4.86E-05				
79	1237.00	-5.62E-01	-3.09E-01	2.94E-02	9.44E-01	1.16E-01	-5.33E-01	5.18E-01	-1.39E+00	48.81	-5.62E-01	9.44E-01	
	-18.00	-1.24E-05	-2.64E-06	1.04E-05	7.27E-05	8.95E-06	-4.10E-05	2.92E-05	-4.41E-05				
80	1433.80	-3.49E-01	-1.66E-01	1.36E-01	1.07E+00	3.51E-02	-3.74E-01	8.19E-01	-1.33E+00	47.44	-3.49E-01	1.07E+00	
	-8.00	-9.26E-06	-2.21E-06	9.38E-06	8.25E-05	2.70E-06	-2.88E-05	3.57E-05	-4.71E-05				
81	1533.80	-5.85E-01	-1.37E-01	3.56E-02	6.27E-01	5.12E-02	-2.71E-01	3.05E-01	-1.03E+00	54.83	-1.37E-01	-6.27E-01	
	-28.00	-1.50E-05	2.28E-06	8.90E-06	4.82E-05	3.94E-06	-2.09E-05	1.93E-05	-3.19E-05				
82	1633.80	-6.39E-01	-2.23E-01	-4.07E-02	2.52E-01	-1.22E-02	-8.26E-02	-1.04E-01	-7.58E-01	64.76	-1.08E-01	-5.27E-02	
	-8.00	-1.47E-05	1.34E-06	8.36E-06	1.94E-05	-9.42E-07	-6.25E-06	5.92E-06	-1.92E-05				
83	1433.80	-2.38E+00	-1.08E+00	-1.01E+00	7.09E-01	4.26E-01	-2.66E-01	-7.72E-01	-2.69E+00	66.23	-1.08E+00	-7.09E-01	

	27.60	-4.24E-05	7.11E-06	1.03E-05	5.45E-05	3.28E-05	-2.04E-05	1.95E-05	-5.44E-05				
84	1296.10	-8.38E-01	-1.63E-01	1.23E-02	7.15E-01	1.68E-01	-2.83E-01	2.90E-01	-1.29E+00	57.63	-5.95E-01	-7.85E-01	
	40.70	-2.14E-05	4.50E-06	1.13E-04	8.50E-05	1.29E-05	-2.17E-05	2.20E-05	-3.88E-05				
85	1148.60	-3.30E-01	2.07E-01	3.64E-01	9.82E-01	2.09E-01	-3.75E-01	9.56E-01	-1.06E+00	52.64	6.12E-01	5.23E-01	
	57.33	-1.53E-05	5.31E-06	1.13E-05	7.55E-05	1.61E-05	-2.80E-05	3.41E-05	-4.42E-05				
86	1131.40	-3.05E+00	-1.44E+00	-1.28E+00	4.60E-01	4.95E-01	-2.61E-02	-1.32E+00	-3.17E+00	75.15	-1.44E+00	-4.60E-01	
	112.00	-5.39E-05	9.04E-06	1.42E-05	3.54E-05	6.89E-05	-2.01E-06	1.27E-05	-5.86E-05				
87	1019.80	-9.26E-01	-8.31E-01	-2.37E-01	1.05E+00	3.27E-01	-1.24E+00	1.75E-01	-1.93E+00	46.29	-8.31E-01	-1.05E+00	
	34.67	-1.37E-05	-1.00E-05	1.28E-05	8.10E-05	2.52E-05	-9.52E-05	2.87E-05	-5.24E-05				
88	886.60	-4.05E-01	-3.93E-01	1.11E-01	8.98E-01	1.72E-01	-8.35E-01	5.03E-01	-1.29E+00	45.36	-4.06E-01	8.98E-01	
	46.00	-8.15E-06	-7.29E-06	1.17E-05	6.01E-05	1.32E-05	-6.43E-05	2.68E-05	-4.23E-05				
89	869.80	-1.55E+00	-6.56E-01	-3.56E-01	5.84E-01	6.94E-01	-2.32E-01	-3.68E-01	-1.84E+00	63.74	-6.56E-01	-5.84E-01	
	96.00	-3.15E-05	2.94E-06	1.45E-05	4.49E-05	5.34E-05	-1.78E-05	1.40E-05	-4.26E-05				
90	852.60	-3.59E-01	7.01E-01	6.19E-01	1.16E+00	3.19E-01	-8.84E-01	1.45E+00	-1.16E+00	57.22	1.10E+00	-8.82E-01	
	128.00	-2.43E-05	1.64E-05	1.32E-05	8.94E-05	2.46E-05	-6.80E-05	4.51E-05	-5.31E-05				
91	865.80	-4.63E-01	-6.55E-02	2.22E-01	5.94E-01	3.40E-01	-2.01E-01	3.62E-01	-8.91E-01	54.24	-4.63E-01	5.94E-01	
	160.00	-1.44E-05	8.43E-07	1.19E-05	4.57E-05	2.62E-05	-1.54E-05	1.73E-05	-3.05E-05				
92	869.80	-2.60E+00	-9.35E-01	-8.01E-01	4.75E-01	1.39E+00	-3.69E-01	-8.09E-01	-2.72E+00	75.15	-9.35E-01	-4.75E-01	
	203.60	-5.23E-05	1.17E-05	1.68E-05	3.65E-05	1.07E-04	-2.84E-05	1.65E-05	-5.72E-05				
93	598.67	4.32E-01	-3.16E-01	2.47E-01	1.79E+00	1.01E+00	-1.92E+00	1.88E+00	-1.77E+00	39.09	-3.16E-01	-1.79E+00	
	18.00	1.26E-05	-1.61E-05	5.51E-06	1.37E-04	7.80E-05	-1.48E-04	6.84E-05	-7.19E-05				
94	645.75	-1.65E-01	-3.64E-01	-1.93E-04	1.16E+00	3.82E-01	-9.29E-01	9.02E-01	-1.43E+00	42.56	-1.65E-01	1.16E+00	
	24.00	-5.32E-07	-8.18E-06	5.80E-06	8.94E-05	2.94E-05	-7.15E-05	4.05E-05	-4.92E-05				
95	613.10	-5.16E-02	-3.92E-01	-5.94E-02	2.11E+00	4.01E-01	-1.79E-01	1.89E+00	-2.33E+00	42.69	-5.16E-02	2.11E+00	
	69.33	3.54E-06	-9.54E-06	3.24E-06	1.62E-04	3.09E-05	-1.37E-05	7.83E-05	-8.43E-05				
96	708.45	-3.54E-01	-2.40E-01	9.08E-02	9.35E-01	4.00E-01	-7.01E-01	6.40E-01	-1.23E+00	46.75	-7.90E-01	-7.97E-01	
	55.00	-8.10E-06	-3.69E-06	9.03E-06	7.20E-05	3.08E-05	-5.39E-05	3.01E-05	-4.19E-05				
97	612.10	-8.36E-01	-2.86E-01	-8.77E-02	7.66E-01	1.42E+00	-4.31E-01	2.53E-01	-1.38E+00	54.89	-2.86E-01	-7.66E-01	
	96.00	-1.89E-05	2.30E-06	9.92E-06	5.89E-05	1.09E-04	-3.32E-05	2.30E-05	-3.96E-05				
98	682.27	-4.36E-01	-3.47E-01	1.15E-02	1.40E+00	4.18E-01	-7.25E-01	1.01E+00	-1.75E+00	45.91	7.24E-01	-8.48E-01	
	112.00	-8.30E-06	-4.86E-06	8.92E-06	1.08E-04	3.21E-05	-5.57E-05	4.73E-05	-6.05E-05				
99	751.43	-1.88E+00	-3.53E-01	-4.46E-01	1.34E+00	1.01E+00	-1.66E+00	4.30E-01	-2.66E+00	59.76	-3.53E-01	-1.34E+00	
	96.00	-4.27E-05	1.58E-05	1.22E-05	1.03E-04	7.78E-05	-1.27E-04	4.59E-05	-7.29E-05				
100	683.25	-3.47E-01	-2.20E-01	1.37E-01	4.77E-01	3.26E-01	-5.62E-01	1.98E-01	-7.65E-01	48.78	-3.47E-01	4.77E-01	
	152.00	-8.61E-06	-3.74E-06	9.98E-06	3.67E-05	2.51E-05	-4.32E-05	1.23E-05	-2.47E-05				
101	648.67	-1.90E+00	-8.33E-01	-6.01E-01	3.72E-01	1.04E+00	-3.38E-01	-7.16E-01	-2.02E+00	72.59	-8.33E-01	-3.72E-01	
	192.00	-3.65E-05	4.63E-06	1.35E-05	2.86E-05	8.04E-05	-2.60E-05	9.11E-06	-4.10E-05				
102	725.25	-3.65E-01	1.11E-01	2.80E-01	4.28E-01	2.71E-01	-4.48E-01	3.63E-01	-6.17E-01	59.53	-1.51E-01	-4.89E-01	
	232.70	-1.43E-05	3.99E-06	1.05E-05	3.29E-05	2.09E-05	-3.44E-05	1.37E-05	-2.40E-05				
103	635.50	-3.03E-01	-4.13E-01	1.21E-02	4.17E-02	2.05E-01	2.22E-01	-2.89E-01	-4.27E-01	18.66	-3.03E-01	4.17E-02	
	256.00	-3.93E-06	-8.14E-06	8.20E-06	3.21E-06	1.57E-05	1.71E-05	-3.39E-06	-8.68E-06				
104	635.50	-7.80E-01	-5.35E-01	-7.96E-02	2.66E-02	8.05E-01	-6.04E-02	-5.32E-01	-7.83E-01	83.88	-5.35E-01	-2.66E-02	
	290.67	-1.47E-05	-5.26E-06	1.23E-05	2.04E-06	6.19E-05	-4.65E-06	-5.15E-06	-1.48E-05				
105	569.00	4.19E-01	-3.63E-01	7.52E-02	1.79E+00	5.24E-01	-1.64E+00	1.86E+00	-1.80E+00	38.84	4.19E-01	1.79E+00	
	16.50	1.47E-05	-1.54E-05	1.46E-06	1.38E-04	4.03E-05	-1.26E-04	7.01E-05	-7.06E-05				
106	508.50	4.93E+00	3.20E+00	3.26E+00	1.53E+00	1.38E+00	-4.77E-01	5.82E+00	2.31E+00	30.27	3.20E+00	-1.53E+00	
	13.00	6.45E-05	-2.08E-06	2.19E-07	1.18E-04	1.06E-04	-3.67E-05	9.88E-05	-3.65E-05				
107	521.00	1.18E+00	3.32E-01	4.79E-01	1.87E+00	4.59E-01	-9.18E-01	2.67E+00	-1.16E+00	38.61	1.18E+00	1.87E+00	
	15.75	2.35E-05	-9.07E-06	-3.45E-06	1.44E-04	3.53E-05	-7.06E-05	8.08E-05	-6.64E-05				
108	526.25	1.01E+00	2.58E-01	4.27E-01	2.05E+00	3.82E-01	-9.49E-01	2.72E+00	-1.45E+00	39.80	1.01E+00	2.05E+00	
	21.00	2.02E-05	-8.71E-06	-2.19E-06	1.58E-04	2.94E-05	-7.30E-05	8.59E-05	-7.44E-05				
109	515.50	3.17E+00	2.03E+00	2.18E+00	2.62E+00	9.58E-01	-4.83E-01	5.28E+00	-8.52E-02	38.88	2.03E+00	-2.62E+00	
	26.00	4.08E-05	-2.96E-06	2.70E-06	2.02E-04	7.37E-05	-3.72E-05	1.22E-04	-8.43E-05				
110	531.50	4.29E-01	6.20E-02	2.19E-01	1.65E+00	2.59E-01	-8.07E-01	1.91E+00	-1.40E+00	42.00	4.29E-01	1.65E+00	
	34.50	8.47E-06	-4.87E-06	4.01E-07	1.27E-04	1.98E-05	-6.21E-05	6.56E-05	-6.20E-05				
111	515.50	-9.31E-01	-1.72E+00	-1.12E+00	5.06E+00	1.99E-01	1.07E-01	3.75E+00	-6.40E+00	42.77	-9.31E-01	5.06E+00	
	44.00	5.61E-06	-2.47E-05	-1.63E-06	3.89E-04	1.53E-05	8.24E-06	1.85E-04	-2.05E-04				
112	515.50	1.46E-01	8.34E-02	2.32E-01	1.15E+00	5.54E-01	-3.89E-01	1.26E+00	-1.03E+00	44.22	8.34E-02	-1.15E+00	
	53.33	5.42E-07	-1.86E-06	3.85E-06	8.81E-05	4.26E-05	-2.99E-05	4.34E-05	-4.47E-05				
113	547.50	-8.54E-01	-3.34E-01	-3.43E-01	1.67E+00	3.25E-01	-1.78E+00	1.10E+00	-2.28E+00	49.42	1.94E-01	-1.50E+00	
	64.00	-1.60E-05	3.59E-06	3.63E-06	1.29E-04	2.50E-05	-1.37E-04	5.90E-05	-7.11E-05				
114	515.50	-1.36E+00	-1.79E+00	-1.18E+00	2.14E+00	1.10E-01	-3.95E-01	5.77E-01	-3.72E+00	42.16	-1.36E+00	2.14E+00	
	74.[illegible]	[illegible].82E-06	-2.12E-05	2.29E-06	1.65E-04	8.48E-06	[illegible]4E-05	6.97E-05	-9.57E-05				
115	515	[illegible].26E+00	-1.45E+00	-1.32E+00	7.41E-01	4.63E-01	[illegible]E-01	-1.01E+00	-2.70E+00	59.37	-1.45E+00	-7.4[illegible]	

	88.00	.17E-05	-4.21E-07	4.44E-06	5.70E-05	3.56E-05	[illegible]	1.65E-05	-4.86E-05				
116	547.50	-1.72E+00	-5.37E-01	-7.50E-01	2.11E+00	3.06E-01	-1.27E+00	1.06E+00	-3.32E+00	52.83	3.85E-01	-1.59E+00	
	104.00	-3.31E-05	1.24E-05	4.19E-06	1.62E-04	2.36E-05	-1.06E-04	7.39E-05	-9.45E-05				
117	515.50	-6.01E-01	-8.38E-01	-3.90E-01	1.67E+00	3.34E-02	-6.55E-01	9.58E-01	-2.40E+00	42.98	-6.01E-01	1.67E+00	
	120.00	-3.03E-05	-1.21E-05	5.10E-06	1.29E-04	2.57E-06	-5.05E-05	5.69E-05	-7.21E-05				
118	515.50	-1.51E+00	-9.27E-01	-7.22E-01	6.40E-01	2.94E-01	-3.08E-01	-5.14E-01	-1.92E+00	57.17	-9.27E-01	-6.40E-01	
	136.00	-2.33E-05	-9.01E-07	6.90E-06	4.92E-05	2.26E-05	-2.37E-05	1.49E-05	-3.91E-05				
119	547.50	-1.45E+00	-6.60E-01	-6.06E-01	1.48E+00	1.92E-01	-8.49E-01	4.75E-01	-2.58E+00	52.45	-1.17E-02	-1.12E+00	
	152.00	-2.59E-05	4.41E-06	6.49E-06	1.14E-04	1.46E-05	-6.53E-05	4.81E-05	-6.95E-05				
120	515.50	-6.93E-01	-8.10E-01	-3.30E-01	1.19E+00	3.44E-02	-3.38E-01	4.38E-01	-1.94E+00	43.59	-6.93E-01	1.19E+00	
	168.00	-6.51E-06	-1.10E-05	7.46E-06	9.14E-05	2.65E-06	-2.60E-05	3.70E-05	-5.45E-05				
121	515.50	-1.96E+00	-1.19E+00	-9.39E-01	4.90E-01	3.43E-01	-2.30E-01	-9.56E-01	-2.20E+00	64.12	-1.19E+00	-4.90E-01	
	184.00	-3.06E-05	-8.75E-07	8.52E-06	3.77E-05	2.64E-05	-1.77E-05	8.26E-06	-3.97E-05				
122	547.50	-9.26E-01	1.03E-01	-2.33E-02	1.51E+00	1.86E-01	-1.12E+00	1.18E+00	-2.01E+00	54.40	7.53E-01	-1.09E+00	
	200.00	-2.63E-05	1.33E-05	8.40E-06	1.16E-04	1.43E-05	-8.65E-05	5.48E-05	-6.75E-05				
123	515.50	1.35E-01	1.27E-01	4.46E-01	8.23E-01	-6.15E-02	-3.78E-01	9.54E-01	-6.92E-01	44.85	1.35E-01	8.23E-01	
	216.00	-2.57E-06	-2.91E-06	9.37E-06	6.33E-05	-4.73E-06	-2.91E-05	2.89E-05	-3.44E-05				
124	515.50	-3.50E-01	-1.25E-01	1.78E-01	1.66E-01	9.38E-02	-1.51E-01	-3.68E-02	-4.39E-01	62.04	-1.25E-01	-1.66E-01	
	232.00	-1.02E-05	-1.54E-06	1.01E-05	1.28E-05	7.21E-06	-1.16E-05	1.85E-06	-1.36E-05				
125	547.50	-1.67E-01	-5.04E-03	2.78E-01	3.26E-01	3.32E-02	-7.77E-01	2.50E-01	-4.22E-01	51.96	1.39E-01	-2.50E-01	
	248.00	-7.58E-06	-1.36E-06	9.52E-06	2.51E-05	2.55E-06	-5.98E-05	8.46E-06	-1.74E-05				
126	515.50	4.19E-01	5.06E-01	7.18E-01	-4.64E-02	-1.36E-01	-4.01E-01	5.26E-01	3.99E-01	-66.62	4.19E-01	-4.64E-02	
	264.00	-1.94E-06	1.41E-06	9.55E-06	-3.57E-06	-1.04E-05	-3.08E-05	2.19E-06	-2.71E-06				
127	515.50	-2.75E-02	6.52E-02	3.28E-01	4.87E-03	-1.32E-01	-9.05E-02	6.54E-02	-2.76E-02	67.00	6.52E-02	-4.87E-03	
	276.00	-5.08E-06	-1.51E-06	8.60E-06	3.75E-07	-1.02E-05	-6.97E-06	-1.50E-06	-5.09E-06				
128	531.50	4.36E-01	2.64E-01	5.81E-01	1.85E-02	-1.16E-01	-6.27E-02	4.38E-01	2.62E-01	6.06	4.36E-01	1.85E-02	
	297.00	2.69E-06	-3.94E-06	8.28E-06	1.42E-06	-8.89E-06	-4.82E-06	2.77E-06	-4.01E-06				
129	515.50	1.10E+00	6.17E-01	9.77E-01	-2.86E-01	-1.19E-01	-2.14E-01	1.23E+00	4.84E-01	-24.92	1.10E+00	-2.86E-01	
	320.00	1.27E-05	-5.87E-06	7.99E-06	-2.20E-05	-9.12E-06	-1.65E-05	1.78E-05	-1.10E-05				
183	565.50	1.94E-01	-5.50E-01	-1.68E-01	2.74E+00	6.87E-01	-2.10E+00	2.59E+00	-2.94E+00	41.14	1.94E-01	2.74E+00	
	-8.00	1.32E-05	-1.54E-05	-7.15E-07	2.11E-04	5.28E-05	-1.62E-04	1.05E-04	-1.07E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5393E+02	-.3320E+03	-.1570E+03	.2432E+02	.4164E+02	-.3173E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3223E+01	.1012E+01	.1076E+00	.2867E+02	-.1185E+02	-.1998E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1728E+01	-.1753E+00	-.7206E-01	.4857E+02	-.2399E+02	-.3787E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2620E+01	.6616E+00	-.1570E+00	.6855E+02	-.3924E+02	-.5544E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.2469E+01	-.2727E+00	-.1347E+00	.8787E+02	-.5376E+02	-.7504E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1894E+01	-.5983E+00	.8703E-01	.1145E+03	-.6998E+02	-.9912E+02
25	.9747E+01	.1552E+01	-.6875E-01	.1406E+03	-.7744E+02	-.1229E+03
26	.1004E+02	.2023E+01	-.2652E+00	.1536E+03	-.8220E+02	-.1403E+03

27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.6388E+02	-.1118E+02	.1292E+01	.1598E+03	-.1171E+03	-.1547E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.6003E+03	.1187E+03	-.1388E+02	.2190E+03	-.3317E+03	-.2449E+03
40	.5342E+03	.9709E+02	-.8355E+01	.2098E+03	-.3265E+03	-.2245E+03
41	.4765E+03	.7561E+02	.5670E+00	.1847E+03	-.2954E+03	-.1944E+03
42	.1498E+03	.1897E+02	.5052E+01	.1617E+03	-.2065E+03	-.1696E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1681E+04	-.2336E+03	-.9769E+01	.5055E+02	-.3561E+03	.1305E+03
48	-.1475E+04	-.2010E+03	-.1080E+02	.5285E+02	-.3334E+03	.9260E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1832E+04	-.2778E+03	-.8919E+01	-.1075E+03	-.2564E+03	.3824E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.6819E+01	-.7412E+00	-.1035E+01	.3089E+02	-.3500E+03	.1236E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1250E+04	-.1891E+03	-.8779E+01	-.7344E+02	-.2034E+03	.3586E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.8707E+03	-.1321E+03	-.1166E+02	-.7029E+02	-.1854E+03	.3481E+03
66	-.2766E+03	-.4259E+02	-.1455E+02	-.7934E+02	-.1414E+03	.3634E+03
67	.6313E+03	.9398E+02	-.1444E+02	-.7697E+02	-.9394E+02	.3628E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1123E+04	.1680E+03	-.1186E+02	-.2769E+02	-.4859E+02	.3629E+03
76	-.1252E+03	-.1871E+02	-.7805E+01	-.1625E+02	.5017E+01	.3673E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4673E+03	.7073E+02	-.5515E+01	-.3099E+01	.6515E+02	.3545E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.2032E+03	-.2956E+02	-.3725E+01	.21[illegible]02	.9867E+02	.3462E+03
	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2703E+03	.4196E+02	-.3308E+01	.8372E+01	.1474E+03	.3186E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1937E+03	-.2737E+02	-.2779E+01	.4786E+01	.1738E+03	.2905E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2180E+03	.3478E+02	-.2803E+01	.9508E+01	.2153E+03	.2614E+03
109	-.1328E+03	-.1763E+02	-.2258E+01	.1446E+02	.2388E+03	.2257E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1795E+03	.2952E+02	-.2131E+01	.6185E+00	.2688E+03	.1887E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.5847E+02	.1148E+02	-.1724E-02	-.7001E+01	.2780E+03	.1497E+03
115	.5211E+02	.1061E+02	.8015E+00	-.1069E+02	.2770E+03	.1110E+03
116	.5680E+02	.1157E+02	.1727E+01	-.1229E+02	.2827E+03	.8725E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.8155E+02	.1540E+02	.2490E+01	-.7845E+01	.2860E+03	.7407E+02
119	.7048E+02	.1345E+02	.3486E+01	-.1998E+02	.2582E+03	.4558E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1526E+03	.1862E+02	.8940E+01	-.1162E+02	.2152E+03	.2626E+02
122	.1251E+03	.6776E+01	.1389E+02	.5527E+01	.2056E+03	.2333E+02
123	.9301E+02	.3951E+01	.1242E+02	.3270E+01	.1786E+03	.2077E+02
124	.6578E+02	.2613E+01	.8591E+01	.1742E+01	.1462E+03	.1869E+02
125	.4135E+02	.7546E+00	.6318E+01	.4861E+00	.1200E+03	.1673E+02
126	.9577E+01	-.4053E+01	.5854E+01	-.1132E+01	.9951E+02	.1463E+02
127	-.1325E+02	-.7802E+01	.5917E+01	-.2171E+01	.8358E+02	.1202E+02
128	-.3603E+02	-.1070E+02	.5499E+01	-.4694E+01	.5159E+02	.9104E+01
129	-.3529E+02	-.9068E+01	.4458E+01	-.5712E+01	.2654E+02	.6661E+01
130	-.2381E+02	-.5417E+01	.3088E+01	-.5708E+01	.8833E+01	.5122E+01
131	-.6034E+01	-.9427E+00	.1939E+01	-.4837E+01	.3621E+00	.4321E+01
132	.6836E+00	.4456E+00	.1404E+01	-.3296E+01	.2105E+01	.3869E+01
133	.1306E+01	.3859E+00	.1314E+01	-.2325E+01	.3934E+01	.3339E+01
134	.3424E+00	.9846E-01	.1332E+01	-.1777E+01	.3628E+01	.2650E+01
135	-.2580E-01	-.3833E-02	.1498E+01	-.1342E+01	.2550E+01	.1951E+01
136	.5105E-02	.6349E-02	.2002E+01	-.9210E+00	.1636E+01	.1296E+01
137	-.5626E-01	-.1950E-01	.3230E+01	-.5783E+00	.7214E+00	.7035E+00
138	.4924E-01	.8626E-01	.6177E+02	-.2998E+00	-.1664E+00	.3315E+00
139	.5974E-01	.9678E-01	-.4169E+02	-.5641E-01	.8544E-01	-.7096E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.22286E-02	-.16213E-04	.21154E-02	.00000E+00
3	-.43755E-02	-.13036E-04	.44253E-02	.00000E+00
4	-.49621E-02	.10536E-04	.50642E-02	.00000E+00
5	-.56336E-02	-.71854E-04	.56363E-02	.00000E+00
6	-.68760E-02	.19224E-04	.69768E-02	.75371E-05
7	-.59409E-02	.32067E-03	.59800E-02	.00000E+00
8	-.68950E-02	.27383E-03	.68896E-02	.19207E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.21443E-02	.91083E-04	.21488E-02	.00000E+00

	-.45148E-02	.21515E-03	.44626E-02	.00000E+00
12	-.53372E-02	.32240E-03	.52435E-02	.00000E+00
13	-.59495E-02	.28249E-03	.58349E-02	.00000E+00
14	-.62692E-02	.46260E-03	.69097E-02	.44560E-05
15	-.62074E-02	.80346E-03	.59847E-02	.00000E+00
16	-.70655E-02	.81090E-03	.69486E-02	.32492E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.22760E-02	.25311E-03	.21221E-02	.00000E+00
19	-.47369E-02	.61356E-03	.44806E-02	.00000E+00
20	-.56597E-02	.79101E-03	.53127E-02	.00000E+00
21	-.62386E-02	.76024E-03	.58964E-02	.00000E+00
22	-.72150E-02	.10298E-02	.70060E-02	.52313E-05
23	-.66182E-02	.14638E-02	.62246E-02	.00000E+00
24	-.73748E-02	.15006E-02	.70900E-02	.52143E-05
25	-.74841E-02	.16439E-02	.71636E-02	.33461E-05
26	-.75654E-02	.17645E-02	.72127E-02	.12316E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.26061E-02	.51299E-03	.20834E-02	.00000E+00
29	-.52892E-02	.12413E-02	.44639E-02	.00000E+00
30	-.59562E-02	.15756E-02	.53627E-02	.00000E+00
31	-.65759E-02	.17557E-02	.61007E-02	.00000E+00
32	-.76184E-02	.20561E-02	.72716E-02	.12667E-04
33	-.66679E-02	.21019E-02	.60203E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.27614E-02	.56074E-03	.20626E-02	.00000E+00
36	-.55949E-02	.15186E-02	.44773E-02	.00000E+00
37	-.61755E-02	.17639E-02	.52260E-02	.00000E+00
38	-.70215E-02	.23372E-02	.62970E-02	.00000E+00
39	-.76361E-02	.28941E-02	.73203E-02	.15843E-04
40	-.76187E-02	.26888E-02	.73045E-02	.20601E-04
41	-.76015E-02	.24579E-02	.72914E-02	.20721E-04
42	-.76206E-02	.22262E-02	.72877E-02	.17522E-04
43	-.68313E-02	.20065E-02	.50312E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.32853E-02	.71717E-03	.18899E-02	.00000E+00
46	-.64527E-02	.15393E-02	.62477E-02	.00000E+00
47	-.76446E-02	.29784E-02	.73192E-02	.61891E-05
48	-.76415E-02	.29451E-02	.73258E-02	.13170E-04
49	-.70512E-02	.23922E-02	.62140E-02	.00000E+00
50	-.77664E-02	.29659E-02	.73889E-02	.27480E-04
51	-.77252E-02	.23938E-02	.59714E-02	.00000E+00
52	-.85364E-02	.27535E-02	.67947E-02	.00000E+00
53	-.76490E-02	.29712E-02	.72962E-02	-.39650E-05
54	-.72309E-02	.17316E-02	.46690E-02	.00000E+00
55	-.80311E-02	.19754E-02	.53275E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.30579E-02	-.87498E-04	.14581E-02	.00000E+00
58	-.65484E-02	.47323E-03	.31109E-02	.00000E+00
59	-.90935E-02	.25364E-02	.64365E-02	.00000E+00
60	-.87723E-02	.26997E-02	.66306E-02	.00000E+00
61	-.78678E-02	.29772E-02	.74241E-02	.39404E-04
62	-.74683E-02	.10479E-02	.38245E-02	.00000E+00
63	-.82905E-02	.14904E-02	.43638E-02	.00000E+00
64	-.87143E-02	.28303E-02	.69506E-02	.00000E+00
65	-.79989E-02	.29371E-02	.74579E-02	.47473E-04
66	-.83132E-02	.30076E-02	.75261E-02	.55636E-04
67	-.86421E-02	.30317E-02	.75980E-02	.51562E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.26067E-02	.21189E-03	.11737E-02	.00000E+00
70	-.73186E-02	.75107E-03	.38266E-02	.00000E+00
71	-.96202E-02	.19655E-02	.53692E-02	.00000E+00
72	-.90505E-02	.28729E-02	.69954E-02	.00000E+00
73	-.89972E-02	.97680E-03	.49787E-02	.00000E+00
74	-.95904E-02	.30709E-02	.74865E-02	.00000E+00

75	-.89127E-02	.30517E-02	.76658E-02	.37309E-04
76	-.92460E-02	.30346E-02	.77989E-02	.23915E-04
77	-.99190E-02	.15368E-02	.53070E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.33379E-02	.71574E-04	.17353E-02	.00000E+00
80	-.75357E-02	.59254E-03	.39795E-02	.00000E+00
81	-.83416E-02	.73403E-03	.45757E-02	.00000E+00
82	-.90756E-02	.10797E-02	.42700E-02	.00000E+00
83	-.10682E-01	.24843E-02	.62497E-02	.00000E+00
84	-.10963E-01	.18624E-02	.55254E-02	.00000E+00
85	-.96117E-02	.31361E-02	.79734E-02	.18231E-04
86	-.99614E-02	.32138E-02	.78200E-02	.00000E+00
87	-.10460E-01	.13510E-02	.56208E-02	.00000E+00
88	-.10345E-01	.28792E-02	.71210E-02	.00000E+00
89	-.98364E-02	.31749E-02	.81493E-02	.13833E-04
90	-.95274E-02	.14328E-03	.77744E-02	.00000E+00
91	-.98688E-02	.25679E-03	.76744E-02	.00000E+00
92	-.10135E-01	.28129E-03	.77873E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.45388E-02	.00000E+00	.39739E-02	.00000E+00
95	-.80494E-02	.00000E+00	.69391E-02	.00000E+00
96	-.89727E-02	.00000E+00	.75978E-02	.00000E+00
97	-.94371E-02	.00000E+00	.80775E-02	.00000E+00
98	-.94437E-02	.00000E+00	.80905E-02	.00000E+00
99	-.98029E-02	-.10652E-04	.83319E-02	.00000E+00
100	-.10298E-01	.58991E-03	.70142E-02	.00000E+00
101	-.11053E-01	.17260E-02	.56740E-02	.00000E+00
102	-.10211E-01	.32448E-02	.84100E-02	.13100E-04
103	-.11161E-01	.26497E-02	.63800E-02	.00000E+00
104	-.10583E-01	.33519E-02	.83103E-02	.00000E+00
105	-.10467E-01	.32992E-02	.86605E-02	.12570E-04
106	-.11333E-01	.31764E-02	.69324E-02	.00000E+00
107	-.11127E-01	.34663E-02	.87101E-02	.00000E+00
108	-.10815E-01	.33623E-02	.89077E-02	.12118E-04
109	-.11035E-01	.34092E-02	.91470E-02	.98442E-05
110	-.11345E-01	.34581E-02	.76351E-02	.00000E+00
111	-.11524E-01	.35992E-02	.91148E-02	.00000E+00
112	-.11299E-01	.34630E-02	.93766E-02	.89471E-05
113	-.11513E-01	.35523E-02	.83108E-02	.00000E+00
114	-.11438E-01	.34270E-02	.96023E-02	.47674E-05
115	-.11542E-01	.35384E-02	.98135E-02	.24545E-05
116	-.11559E-01	.35540E-02	.10027E-01	.23724E-06
117	-.11598E-01	.36781E-02	.94825E-02	.00000E+00
118	-.11560E-01	.35662E-02	.10128E-01	-.46668E-06
119	-.11522E-01	.35957E-02	.10290E-01	-.35106E-05
120	-.11725E-01	.37904E-02	.99580E-02	.00000E+00
121	-.11381E-01	.35966E-02	.10484E-01	-.84851E-05
122	-.11364E-01	.36580E-02	.10515E-01	-.10311E-04
123	-.11338E-01	.37247E-02	.10547E-01	-.11595E-04
124	-.11309E-01	.37992E-02	.10579E-01	-.12890E-04
125	-.11271E-01	.38815E-02	.10614E-01	-.14138E-04
126	-.11203E-01	.40296E-02	.10672E-01	-.14818E-04
127	-.11135E-01	.41744E-02	.10730E-01	-.13650E-04
128	-.11029E-01	.44186E-02	.10848E-01	-.78413E-05
129	-.10991E-01	.45177E-02	.10959E-01	-.11016E-05
130	-.11023E-01	.44485E-02	.11080E-01	.60381E-05
131	-.11185E-01	.40048E-02	.11263E-01	.12394E-04
132	-.11374E-01	.33954E-02	.11421E-01	.13986E-04
133	-.11537E-01	.27924E-02	.11557E-01	.13018E-04
134	-.11656E-01	.22259E-02	.11666E-01	.11912E-04
135	-.11745E-01	.16956E-02	.11751E-01	.11753E-04
	-.11812E-01	.11636E-02	.11814E-01	.11815E-04
	-.11950E-01	.64157E-03	.11851E-01	.11853E-04
	-.11975E-01	.94493E-04	.11875E-01	.11843E-04

-.11875E-01 .11790E-04 .11876E-01 .1790E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.69E-02	2.05E-02	2.21E-03	-2.64E-01	5.84E-03	2.58E-01	2.82E-01	-2.45E-01	-45.19	1.69E-02	-2.64E-01
	-303.00	2.56E-07	4.16E-07	-4.14E-07	-2.40E-05	5.30E-07	2.34E-05	1.23E-05	-1.17E-05			
2	72.00	-2.86E-03	1.80E-02	-6.85E-03	-2.63E-01	7.36E-03	2.72E-01	2.71E-01	-2.55E-01	-46.12	-2.56E-03	-2.63E-01
	-213.00	-2.23E-07	7.07E-07	-4.23E-07	-2.39E-05	6.69E-07	2.47E-05	1.22E-05	-1.17E-05			
3	72.00	-1.01E-01	2.58E-02	-2.14E-02	-2.17E-01	1.61E-02	2.19E-01	1.89E-01	-2.64E-01	-53.13	-1.01E-01	-2.17E-01
	-138.00	-1.79E-06	1.09E-06	2.02E-08	-9.87E-06	7.32E-07	9.97E-06	4.79E-06	-5.49E-06			
4	24.00	5.73E-03	1.83E-01	2.30E-01	-4.34E-01	6.76E-03	4.41E-01	5.37E-01	-3.49E-01	-50.76	5.73E-03	-4.34E-01
	-68.00	-4.38E-06	2.42E-06	4.25E-06	-3.34E-05	5.20E-07	3.39E-05	1.61E-05	-1.80E-05			
5	72.00	-1.45E-01	-1.22E-01	-1.54E-01	-1.42E-01	-1.72E-02	1.81E-01	9.29E-03	-2.76E-01	-47.39	-1.22E-01	1.42E-01
	-88.00	-9.63E-07	-4.81E-08	-1.30E-06	-1.09E-05	-1.32E-06	1.39E-05	4.98E-06	-6.00E-06			
6	120.00	-1.13E-01	-1.48E-01	-1.33E-01	-4.05E-01	-1.60E-02	3.81E-01	2.75E-01	-5.35E-01	-43.75	-5.31E-01	5.56E-02
	-68.00	-9.36E-09	-1.37E-06	-7.81E-07	-3.11E-05	-1.23E-06	2.93E-05	1.49E-05	-1.63E-05			
7	36.25	-1.53E-01	-8.40E-02	-8.76E-02	-1.86E-01	2.97E-02	1.92E-01	7.07E-02	-3.08E-01	-50.28	-1.47E-01	-1.87E-01
	-19.00	-2.33E-06	3.42E-07	2.02E-07	-1.43E-05	2.28E-06	1.48E-05	6.29E-06	-8.28E-06			
8	108.00	4.24E-03	4.93E-02	8.89E-03	-2.06E-01	-6.81E-03	1.82E-01	2.34E-01	-1.81E-01	-48.12	4.24E-03	-2.06E-01
	-19.00	-5.23E-07	1.21E-06	-3.45E-07	-1.59E-05	-5.24E-07	1.40E-05	8.32E-06	-7.63E-06			
9	216.00	4.92E-02	9.96E-02	5.34E-02	-2.65E-01	1.01E-03	2.57E-01	3.40E-01	-1.92E-01	-47.77	4.82E-02	-2.65E-01
	-303.00	-4.20E-07	1.91E-06	-1.85E-07	-2.41E-05	9.22E-08	2.33E-05	1.28E-05	-1.13E-05			
10	216.00	1.74E-02	1.04E-01	3.17E-02	-2.73E-01	5.63E-03	2.71E-01	3.37E-01	-2.16E-01	-49.48	1.74E-02	-2.73E-01
	-213.00	-1.19E-06	2.73E-06	-5.42E-07	-2.48E-05	5.12E-07	2.46E-05	1.33E-05	-1.18E-05			
11	216.00	-9.75E-02	8.79E-02	-5.25E-02	-2.53E-01	2.57E-02	2.46E-01	2.65E-01	-2.75E-01	-55.05	-9.75E-02	-2.53E-01
	-138.00	-1.89E-06	2.32E-06	-8.67E-07	-1.15E-05	1.17E-06	1.12E-05	6.35E-06	-5.91E-06			
12	168.00	3.60E-02	3.02E-01	1.15E-01	-3.60E-01	3.43E-02	3.92E-01	5.53E-01	-2.15E-01	-55.11	3.60E-02	-3.60E-01
	-68.00	-3.58E-06	6.63E-06	-5.58E-07	-2.77E-05	2.64E-06	3.01E-05	1.63E-05	-1.32E-05			
13	216.00	-1.24E-01	-1.00E-01	-1.48E-01	-9.43E-02	-2.73E-02	1.71E-01	-1.70E-02	-2.07E-01	-48.58	-1.00E-01	9.43E-02
	-88.00	-6.75E-07	2.36E-07	-1.61E-06	-7.26E-06	-2.10E-06	1.31E-05	3.44E-06	-3.88E-06			
14	264.00	-1.47E-01	-1.59E-01	-1.70E-01	-3.77E-01	1.15E-03	3.60E-01	2.24E-01	-5.30E-01	-44.57	-5.25E-01	6.24E-02
	-68.00	-4.31E-07	-8.68E-07	-1.31E-06	-2.90E-05	8.83E-08	2.77E-05	1.38E-05	-1.51E-05			
15	180.00	-1.40E-01	-3.20E-02	-9.49E-02	-1.33E-01	2.63E-02	1.86E-01	5.74E-02	-2.30E-01	-56.07	-1.40E-01	-1.33E-01
	-19.00	-2.46E-06	1.70E-06	-7.14E-07	-1.02E-05	2.03E-06	1.43E-05	5.14E-06	-5.90E-06			
16	252.00	-1.83E-02	7.70E-02	-9.70E-03	-1.89E-01	8.70E-03	1.88E-01	2.25E-01	-1.66E-01	-52.06	-1.83E-02	-1.89E-01
	-19.00	-1.25E-06	2.41E-06	-8.84E-07	-1.46E-05	6.69E-07	1.45E-05	8.09E-06	-6.93E-06			
17	361.00	9.20E-02	2.11E-01	1.07E-01	-2.89E-01	3.70E-03	2.51E-01	4.46E-01	-1.43E-01	-50.80	9.20E-02	-2.89E-01
	-303.00	-1.13E-06	4.26E-06	-4.69E-07	-2.62E-05	3.36E-07	2.28E-05	1.50E-05	-1.18E-05			
18	361.00	1.46E-02	2.15E-01	5.43E-02	-2.81E-01	1.13E-02	2.70E-01	4.13E-01	-1.84E-01	-54.80	1.46E-02	-2.81E-01
	-213.00	-3.02E-06	6.08E-06	-1.22E-06	-2.56E-05	1.03E-06	2.45E-05	1.51E-05	-1.20E-05			
19	361.00	-1.31E-01	1.82E-01	-6.47E-02	-1.86E-01	3.33E-02	2.53E-01	2.69E-01	-2.17E-01	-65.09	-1.31E-01	-1.86E-01
	-138.00	-2.91E-06	4.21E-06	-1.40E-06	-8.43E-06	1.51E-06	1.15E-05	6.17E-06	-4.86E-06			
20	312.00	6.08E-02	4.63E-01	1.69E-01	-3.31E-01	7.37E-02	4.18E-01	6.49E-01	-1.26E-01	-60.61	6.08E-02	-3.31E-01
	-68.00	-5.27E-06	1.02E-05	-1.11E-06	-2.55E-05	5.67E-06	3.21E-05	1.74E-05	-1.25E-05			
21	360.67	-1.84E-01	-2.64E-01	-2.39E-01	-6.54E-02	-4.64E-02	2.22E-01	-1.47E-01	-3.01E-01	-29.27	-2.64E-01	6.54E-02
	-88.00	4.73E-07	-2.60E-06	-1.65E-06	-5.03E-06	-3.57E-06	1.71E-05	1.88E-06	-4.01E-06			
22	409.33	1.85E-01	2.77E-01	1.32E-01	-3.61E-01	-2.92E-03	4.56E-01	5.95E-01	-1.33E-01	-48.66	-1.12E-01	1.20E-01
	-68.00	5.72E-07	4.14E-06	-1.45E-06	-2.77E-05	-2.25E-07	3.51E-05	1.63E-05	-1.16E-05			
23	324.00	-2.04E-01	-3.82E-02	-1.31E-01	-8.82E-02	4.95E-02	1.74E-01	-7.57E-05	-2.42E-01	-66.63	-2.04E-01	-8.82E-02
	-19.00	-3.75E-06	2.64E-06	-9.49E-07	-6.78E-06	3.81E-06	1.34E-05	4.11E-06	-5.21E-06			
24	372.00	-6.47E-02	1.29E-01	-1.32E-02	-4.82E-01	4.03E-02	5.47E-01	5.23E-01	-4.59E-01	-50.66	-6.47E-02	-4.82E-01
	-9.33	-3.04E-06	4.37E-06	-1.06E-06	-3.70E-05	3.10E-06	4.21E-05	1.96E-05	-1.82E-05			
25	401.25	-6.09E-02	-1.69E-02	-6.57E-02	-1.42E-01	1.01E-02	1.77E-01	1.05E-01	-1.83E-01	-49.40	7.85E-02	-8.27E-02
	-19.00	-7.66E-07	9.26E-07	-9.49E-07	-1.09E-05	7.74E-07	1.36E-05	5.61E-06	-5.45E-06			
26	427.67	1.89E-01	5.62E-01	2.60E-01	-4.81E-01	5.48E-02	7.21E-01	8.95E-01	-1.44E-01	-55.52	-6.19E-02	-2.81E-01
	-9.33	-3.84E-06	1.05E-05	-1.11E-06	-3.73E-05	4.21E-06	5.54E-05	2.33E-05	-1.67E-05			
27	457.00	1.22E-01	2.50E-01	1.44E-01	-3.22E-01	4.87E-03	2.47E-01	5.39E-01	-1.27E-01	-52.32	1.22E-01	-3.22E-01
	-303.00	-1.69E-06	5.97E-06	-6.68E-07	-2.93E-05	4.42E-07	2.24E-05	1.73E-05	-1.30E-05			
28	457.00	5.27E-03	3.22E-01	7.74E-02	-2.98E-01	1.82E-02	2.70E-01	5.01E-01	-1.74E-01	-58.97	5.27E-03	-2.98E-01

3704

	-213.00	-5.01E-06	9.37E-06	-1.73E-06	-2.71E-05	1.65E-06	2.45E-05	1.75E-05	-1.32E-05				
29	457.00	-3.43E-01	1.21E-01	-1.76E-01	-1.17E-01	1.25E-02	2.29E-01	1.49E-01	-3.71E-01	-76.57	-3.43E-01	-1.17E-01	
	-138.00	-5.71E-06	4.63E-06	-1.91E-06	-5.34E-06	5.66E-07	1.04E-05	5.47E-06	-6.34E-06				
30	442.00	3.92E-01	8.83E-01	4.64E-01	-2.35E-01	-2.61E-02	4.16E-01	9.75E-01	3.04E-01	-67.90	3.99E-01	-2.35E-01	
	-68.00	-3.93E-06	1.48E-05	-1.24E-06	-1.91E-05	-2.00E-06	3.20E-05	1.84E-05	-7.51E-06				
31	457.33	4.22E-01	6.11E-01	3.37E-01	-1.49E-01	-2.75E-01	2.13E-01	6.93E-01	3.40E-01	-61.16	6.11E-01	1.49E-01	
	-88.00	1.17E-06	8.44E-06	-2.08E-06	-1.15E-05	-2.11E-05	1.64E-05	1.16E-05	-2.00E-06				
32	472.67	3.26E-02	1.15E+00	3.98E-01	-2.99E-01	1.90E-01	5.88E-01	1.22E+00	-4.26E-02	-75.89	-2.86E-02	1.32E-01	
	-68.00	-1.61E-05	2.67E-05	-2.01E-06	-2.30E-05	1.46E-05	4.52E-05	2.96E-05	-1.90E-05				
33	443.00	-5.57E-02	1.74E-01	1.02E-02	-4.14E-02	1.47E-02	2.19E-01	1.81E-01	-6.25E-02	-60.08	-5.57E-02	-4.14E-02	
	-19.50	-3.55E-06	5.27E-06	-1.02E-06	-3.18E-06	1.13E-06	1.68E-05	5.55E-06	-3.83E-06				
34	454.00	1.76E-01	7.64E-01	3.24E-01	-3.94E-01	1.75E-01	6.57E-01	9.62E-01	-2.21E-02	-63.35	4.01E-02	-2.39E-01	
	-11.33	-7.12E-06	1.55E-05	-1.43E-06	-3.03E-05	1.35E-05	6.59E-05	2.31E-05	-1.47E-05				
35	461.67	1.06E+00	1.72E+00	1.06E+00	-4.06E-01	3.37E-02	8.62E-01	1.91E+00	8.64E-01	-64.70	1.06E+00	-4.06E-01	
	-12.00	-1.56E-06	2.41E-05	-1.40E-06	-3.12E-05	2.59E-06	6.63E-05	3.14E-05	-8.94E-06				
36	469.00	-4.88E-02	2.52E-01	4.09E-02	-3.91E-02	-2.48E-01	2.97E-01	2.96E-01	-5.32E-02	-83.54	2.92E-01	3.91E-02	
	-30.00	-5.00E-06	8.10E-06	-1.54E-06	-3.01E-06	-1.91E-05	2.29E-05	8.27E-06	-5.17E-06				
37	476.33	1.04E+00	1.70E+00	1.04E+00	-1.97E-01	3.85E-02	6.70E-01	1.75E+00	9.81E-01	-74.57	9.85E-01	-5.23E-02	
	-12.00	-1.58E-06	2.38E-05	-1.52E-06	-1.52E-05	2.95E-06	5.15E-05	2.59E-05	-3.67E-06				
38	558.50	1.61E-01	3.54E-01	1.77E-01	-3.64E-01	4.26E-03	2.35E-01	6.34E-01	-1.19E-01	-52.42	1.61E-01	-3.64E-01	
	-303.00	-1.67E-06	7.10E-06	-9.37E-07	-3.31E-05	3.88E-07	2.14E-05	1.98E-05	-1.44E-05				
39	558.50	3.80E-02	3.52E-01	8.15E-02	-3.61E-01	1.26E-02	2.70E-01	5.88E-01	-1.98E-01	-56.78	3.80E-02	-3.61E-01	
	-213.00	-4.40E-06	9.89E-06	-2.42E-06	-3.28E-05	1.14E-06	2.46E-05	2.06E-05	-1.51E-05				
40	506.17	-1.78E-01	9.07E-01	9.25E-02	-8.11E-01	-6.03E-03	6.86E-01	1.34E+00	-6.11E-01	-61.89	-1.78E-01	-8.11E-01	
	-128.00	-8.35E-06	1.63E-05	-2.21E-06	-3.69E-05	-2.74E-07	3.12E-05	2.62E-05	-1.82E-05				
41	558.50	-4.01E-01	4.88E-01	-2.00E-01	-2.68E-01	-8.73E-02	3.70E-01	5.63E-01	-4.75E-01	-74.46	4.88E-01	2.68E-01	
	-148.00	-8.52E-06	1.17E-05	-3.95E-06	-1.22E-05	-3.97E-06	1.68E-05	1.34E-05	-1.02E-05				
42	610.83	-4.26E-02	8.06E-01	2.26E-02	-7.87E-01	-2.21E-02	5.41E-01	1.28E+00	-5.12E-01	-59.17	-2.66E-01	6.16E-01	
	-128.00	-5.09E-06	1.42E-05	-3.61E-06	-3.58E-05	-1.00E-06	2.46E-05	2.49E-05	-1.58E-05				
43	501.38	-1.84E-01	2.45E-01	-5.42E-02	-1.51E-01	-3.98E-02	1.48E-01	2.92E-01	-2.32E-01	-72.47	-1.84E-01	-1.51E-01	
	-78.00	-7.16E-06	9.34E-06	-2.15E-06	-1.16E-05	-3.06E-06	1.14E-05	1.12E-05	-8.99E-06				
44	534.67	8.67E-02	8.30E-01	2.44E-01	-4.33E-01	-3.50E-04	6.15E-01	1.03E+00	-1.12E-01	-65.33	9.67E-02	4.41E-01	
	-68.00	-9.43E-06	1.92E-05	-3.37E-06	-3.33E-05	-2.69E-08	4.73E-05	2.68E-05	-1.71E-05				
45	584.67	1.80E-01	6.04E-01	2.02E-01	-7.17E-01	-6.66E-02	4.27E-01	1.14E+00	-3.55E-01	-53.23	1.80E-01	-7.17E-01	
	-68.00	-3.90E-06	1.24E-05	-3.08E-06	-5.51E-05	-5.12E-06	3.28E-05	3.30E-05	-2.45E-05				
46	610.83	4.44E-01	7.74E-01	3.34E-01	-3.92E-01	-1.74E-01	3.27E-01	1.03E+00	1.84E-01	-56.43	7.74E-01	3.92E-01	
	-88.00	1.25E-08	1.27E-05	-4.19E-06	-3.01E-05	-1.34E-05	2.52E-05	2.27E-05	-9.98E-06				
47	482.63	2.16E-01	5.56E-01	2.67E-01	-8.38E-02	-6.66E-02	1.83E-01	5.76E-01	1.96E-01	-76.90	2.16E-01	-8.38E-02	
	-21.00	-3.12E-06	9.97E-06	-1.14E-06	-6.44E-06	-5.12E-06	1.41E-05	1.07E-05	-3.87E-06				
48	485.93	1.53E+00	2.40E+00	1.51E+00	-3.04E-01	-2.13E-03	7.36E-01	2.50E+00	1.44E+00	-72.49	1.50E+00	-2.46E-01	
	-12.00	-8.88E-07	3.25E-05	-1.72E-06	-2.34E-05	-1.63E-07	5.66E-05	3.62E-05	-4.58E-06				
49	507.98	-2.89E-02	4.22E-01	9.86E-02	-1.10E-01	-1.70E-02	2.03E-01	4.47E-01	-5.42E-02	-76.99	-2.89E-02	-1.10E-01	
	-21.00	-6.51E-06	1.08E-05	-1.61E-06	-8.46E-06	-1.31E-06	1.56E-05	1.18E-05	-7.49E-06				
50	538.67	-6.12E-03	8.76E-01	2.29E-01	-4.11E-01	-1.32E-01	5.86E-01	1.04E+00	-1.68E-01	-68.51	6.86E-02	4.79E-01	
	-10.00	-1.23E-05	2.16E-05	-3.26E-06	-3.16E-05	-1.02E-05	4.51E-05	2.78E-05	-1.85E-05				
51	484.67	2.72E+00	1.95E+00	1.84E+00	2.30E-02	-2.99E-01	5.69E-02	2.72E+00	1.95E+00	1.71	1.95E+00	-2.30E-02	
	8.00	3.30E-05	3.48E-06	-6.71E-07	1.77E-06	-2.30E-05	4.37E-06	3.30E-05	3.45E-06				
52	507.00	-1.11E+00	-1.17E+00	-9.60E-01	-6.90E-01	-6.02E-02	-1.78E-01	-4.47E-01	-1.83E+00	-43.83	-1.72E+00	-3.64E-01	
	9.00	-7.11E-06	-9.28E-06	-1.38E-06	-5.30E-05	-4.63E-06	-1.37E-05	1.83E-05	-3.47E-05				
53	603.00	-1.56E-01	1.70E-01	-1.34E-01	-2.71E-01	-2.78E-02	1.53E-01	3.24E-01	-3.09E-01	-60.50	4.90E-02	-3.14E-01	
	-18.00	-4.68E-06	7.86E-06	-3.84E-06	-2.09E-05	-2.14E-06	1.18E-05	1.38E-05	-1.06E-05				
54	712.00	1.58E-01	2.18E-01	1.18E-01	-4.17E-01	-4.26E-03	2.02E-01	6.06E-01	-2.30E-01	-47.07	1.58E-01	-4.17E-01	
	-303.00	7.58E-07	3.50E-06	-1.05E-06	-3.79E-05	-3.88E-07	1.84E-05	2.11E-05	-1.69E-05				
55	712.00	2.34E-01	3.93E-01	1.57E-01	-4.75E-01	-2.42E-02	2.35E-01	7.95E-01	-1.69E-01	-49.76	2.34E-01	-4.75E-01	
	-213.00	4.39E-07	7.68E-06	-3.03E-06	-4.32E-05	-2.20E-06	2.14E-05	2.60E-05	-1.79E-05				
56	712.00	-1.19E-02	3.18E-01	-1.46E-01	-4.40E-01	-5.38E-02	1.71E-01	6.23E-01	-3.16E-01	-55.29	-1.19E-02	-4.40E-01	
	-138.00	-1.11E-06	6.39E-06	-4.16E-06	-2.00E-05	-2.44E-06	7.78E-06	1.33E-05	-8.03E-06				
57	712.00	-7.05E-02	1.19E-01	-1.45E-01	-2.27E-01	-1.98E-02	1.01E-01	2.70E-01	-2.22E-01	-56.34	-7.05E-02	-2.27E-01	
	-78.00	-1.56E-06	5.64E-06	-4.51E-06	-1.74E-05	-1.52E-06	7.79E-06	1.14E-05	-7.47E-06				
58	712.00	1.79E-03	2.57E-01	-5.37E-02	-3.05E-01	-2.63E-02	1.93E-01	4.88E-01	-1.90E-01	-57.88	1.79E-03	-3.05E-01	
	-18.00	-2.62E-06	8.72E-06	-4.75E-06	-2.35E-05	-2.02E-06	1.48E-05	1.61E-05	-9.99E-06				
59	837.0[illegible]	[illegible].30E+00	9.33E-01	8.54E-01	-3.67E-01	-1.07E-01	[illegible]8E-01	1.50E+00	6.32E-01	-28.70	8.33E-01	3.67[illegible]	
	-318.[illegible]	[illegible].04E-05	-9.72E-07	.00E+00	-3.34E-05	-9.72E-06	[illegible]E-05	2.95E-05	-1.01E-05				
60	88[illegible]	[illegible].63E-01	3.79E-01	2.97E-01	-9.89E-01	-2.09E-0[illegible]	[illegible]E-01	1.36E+00	-6.18E-01	-45.23	-4.98E-01	4.[illegible]	

	-289.00	[illegible]01E-06	3.74E-06	.00E+00	-8.99E-05	-1.50E-06	[illegible]-05	4.83E-05	-4.16E-05				
61	987.00	-7.96E-02	1.40E-01	2.77E-02	-1.06E+00	4.12E-02	[illegible]9E-01	1.10E+00	-1.03E+00	-48.09	-7.96E-02	-1.06E[illegible]	
	-289.00	-4.97E-06	5.50E-06	.00E+00	-9.59E-05	3.74E-06	4.54E-05	4.86E-05	-4.79E-05				
62	1037.00	1.54E+00	1.60E+00	1.05E+00	-5.21E-01	-1.27E-01	4.24E-01	2.16E+00	4.59E-01	-37.26	1.08E+00	8.21E-01	
	-319.00	2.23E-05	1.59E-06	.00E+00	-7.47E-05	-1.16E-05	3.06E-05	5.07E-05	-2.68E-05				
63	862.00	7.16E-02	2.29E-01	3.14E-02	-4.80E-01	4.76E-02	2.59E-01	6.37E-01	-3.36E-01	-49.67	7.16E-02	-4.80E-01	
	-213.00	-1.06E-05	6.11E-06	-2.80E-06	-4.36E-05	4.33E-06	2.35E-05	2.46E-05	-1.96E-05				
64	1012.00	-5.91E-02	1.40E-01	-4.43E-02	-5.55E-01	5.36E-02	2.95E-01	6.05E-01	-5.24E-01	-50.08	-5.91E-02	-5.55E-01	
	-213.00	-3.16E-06	5.89E-06	-2.49E-06	-5.05E-05	4.87E-06	2.68E-05	2.70E-05	-2.43E-05				
65	837.00	-5.35E-01	2.54E-01	-3.11E-01	-2.99E-01	3.02E-01	2.42E-01	3.91E-01	-6.32E-01	-72.09	2.94E-01	2.99E-01	
	-149.00	-9.27E-06	9.56E-06	-4.17E-06	-1.36E-05	1.37E-05	1.10E-05	1.18E-05	-1.15E-05				
66	937.00	-1.16E-01	3.20E-01	-1.52E-01	-6.68E-01	1.37E-01	3.93E-01	8.04E-01	-6.01E-01	-54.03	-2.01E-01	6.34E-01	
	-129.00	-2.91E-06	7.00E-06	-3.73E-06	-3.04E-05	6.23E-06	1.79E-05	1.80E-05	-1.39E-05				
67	1037.00	3.21E-01	5.35E-01	6.06E-02	-5.79E-01	3.29E-02	3.69E-01	1.02E+00	-1.61E-01	-50.26	5.35E-01	5.79E-01	
	-149.00	2.49E-06	7.36E-06	-3.43E-06	-2.63E-05	1.49E-06	1.68E-05	1.83E-05	-8.46E-06				
68	837.00	9.41E-02	5.61E-01	1.03E-01	-7.31E-01	1.10E-01	4.67E-01	1.09E+00	-4.40E-01	-53.85	9.41E-02	-7.31E-01	
	-68.00	-4.71E-06	1.32E-05	-4.35E-06	-5.62E-05	8.45E-06	3.60E-05	3.38E-05	-2.53E-05				
69	937.00	-1.77E-01	7.53E-02	-1.87E-01	-2.51E-01	9.99E-02	1.21E-01	2.30E-01	-3.32E-01	-58.35	7.53E-02	2.51E-01	
	-88.00	-3.64E-06	6.07E-06	-4.02E-06	-1.93E-05	7.68E-06	9.29E-06	1.20E-05	-9.58E-06				
70	1037.00	5.80E-01	9.98E-01	4.99E-01	-4.51E-01	-1.41E-02	-5.40E-02	1.29E+00	2.92E-01	-57.44	6.30E-01	4.71E-01	
	-68.00	-5.23E-07	1.56E-05	-3.63E-06	-3.47E-05	-1.09E-06	-4.15E-06	2.67E-05	-1.16E-05				
71	862.00	-6.20E-02	2.52E-01	-1.02E-01	-2.84E-01	8.74E-02	1.22E-01	4.19E-01	-2.30E-01	-59.44	-6.20E-02	-2.84E-01	
	-18.00	-3.35E-06	8.71E-06	-4.88E-06	-2.19E-05	6.72E-06	9.38E-06	1.52E-05	-9.81E-06				
72	1012.00	-3.56E-02	1.58E-01	-9.93E-02	-2.53E-01	4.16E-02	1.66E-01	3.60E-01	-1.98E-01	-57.38	-3.56E-02	-2.53E-01	
	-18.00	-2.06E-06	6.93E-06	-4.51E-06	-1.95E-05	3.20E-06	1.28E-05	1.32E-05	-8.30E-06				
73	1387.00	-6.57E-02	-3.50E-02	-5.23E-02	-4.82E-01	2.48E-02	3.49E-01	4.32E-01	-5.33E-01	-45.91	-6.57E-02	-4.82E-01	
	-309.00	-1.00E-06	3.98E-07	-3.91E-07	-4.38E-05	2.26E-06	3.17E-05	2.16E-05	-2.22E-05				
74	1387.00	-2.12E-02	7.40E-02	-1.68E-02	-4.77E-01	6.12E-02	3.17E-01	5.06E-01	-4.53E-01	-47.85	-2.12E-02	-4.77E-01	
	-213.00	-1.43E-06	2.89E-06	-1.23E-06	-4.34E-05	5.56E-06	2.88E-05	2.25E-05	-2.11E-05				
75	1387.00	-9.29E-02	9.72E-04	-1.29E-01	-3.41E-01	1.49E-01	2.25E-01	2.99E-01	-3.91E-01	-48.91	-9.29E-02	-3.41E-01	
	-138.00	-9.54E-07	1.18E-06	-1.77E-06	-1.55E-05	6.75E-06	1.02E-05	7.94E-06	-7.72E-06				
76	1187.00	-1.95E-01	-1.12E-01	-2.39E-01	-6.16E-01	1.93E-01	5.53E-01	4.63E-01	-7.71E-01	-46.92	-1.95E-01	-6.16E-01	
	-68.00	-1.51E-06	1.68E-06	-3.17E-06	-4.73E-05	1.49E-05	4.25E-05	2.38E-05	-2.36E-05				
77	1387.00	4.27E-02	1.67E-01	4.76E-02	-2.15E-01	1.40E-01	5.74E-02	3.29E-01	-1.15E-01	-53.02	1.67E-01	2.15E-01	
	-98.00	-1.18E-06	3.58E-06	-9.91E-07	-1.66E-05	1.08E-05	4.42E-06	9.81E-06	-7.41E-06				
78	1587.00	1.03E-01	1.57E-01	7.23E-02	-3.28E-01	2.44E-02	2.46E-01	4.58E-01	-1.99E-01	-47.37	2.88E-02	3.13E-01	
	-68.00	3.01E-07	2.39E-06	-8.66E-07	-2.52E-05	1.88E-06	1.89E-05	3.40E-05	-1.13E-05				
79	1237.00	4.20E-02	1.19E-01	-3.54E-02	-2.31E-01	1.56E-01	1.28E-01	3.15E-01	-1.54E-01	-49.75	4.20E-02	-2.31E-01	
	-18.00	2.32E-07	3.21E-06	-2.75E-06	-1.78E-05	1.20E-05	9.84E-06	1.07E-05	-7.29E-06				
80	1433.80	3.64E-02	5.59E-02	-7.60E-03	-2.32E-01	7.68E-02	7.62E-02	2.79E-01	-1.86E-01	-46.20	3.64E-02	-2.32E-01	
	-8.00	4.70E-07	1.22E-06	-1.22E-06	-1.79E-05	5.91E-06	5.86E-06	9.79E-06	-8.10E-06				
81	1533.80	7.45E-02	1.64E-02	4.07E-03	-1.27E-01	2.68E-02	8.51E-02	1.76E-01	-8.49E-02	-38.56	1.64E-02	1.27E-01	
	-28.00	1.82E-06	-4.13E-07	-8.86E-07	-9.77E-06	2.06E-06	6.55E-06	5.72E-06	-4.31E-06				
82	1633.80	1.23E-01	5.99E-02	4.29E-02	-8.13E-02	-8.84E-03	6.08E-02	1.79E-01	4.30E-03	-34.39	1.42E-02	4.03E-02	
	-8.00	2.25E-06	-1.78E-07	-8.32E-07	-6.25E-06	-6.80E-07	4.67E-06	4.39E-06	-2.32E-06				
83	1433.80	2.32E-01	1.59E-01	1.19E-01	-1.51E-01	1.86E-01	3.14E-02	3.50E-01	4.07E-02	-38.24	1.59E-01	1.51E-01	
	27.60	3.31E-06	5.23E-07	-1.03E-06	-1.16E-05	1.43E-05	2.42E-06	7.87E-06	-4.04E-06				
84	1296.10	7.92E-02	7.04E-02	-2.91E-02	-1.09E-01	1.36E-01	-4.22E-02	1.84E-01	-3.48E-02	-43.85	1.29E-01	9.51E-02	
	40.70	1.72E-06	1.38E-06	-2.44E-06	-8.42E-06	1.04E-05	-3.24E-06	5.77E-06	-2.66E-06				
85	1148.60	-1.39E-02	-6.14E-02	-1.83E-01	-1.96E-01	1.22E-01	2.66E-01	1.60E-01	-2.35E-01	-41.54	-2.20E-01	-7.57E-02	
	57.33	2.31E-06	4.81E-07	-4.21E-06	-1.51E-05	9.38E-06	2.05E-05	8.99E-06	-6.20E-06				
86	1131.40	3.40E-01	1.15E-01	7.65E-02	-1.79E-01	2.33E-01	1.32E-02	4.39E-01	1.66E-02	-28.87	1.15E-01	1.79E-01	
	112.00	7.24E-06	-1.42E-06	-2.90E-06	-1.37E-05	1.79E-05	1.02E-06	1.10E-05	-5.21E-06				
87	1019.90	1.44E-01	5.91E-01	1.21E-01	-2.04E-01	1.24E-01	-6.58E-02	6.70E-01	6.55E-02	-68.81	5.91E-01	2.04E-01	
	34.67	-3.86E-06	1.33E-05	-4.75E-06	-1.57E-05	9.56E-06	-5.06E-06	1.63E-05	-6.89E-06				
88	886.60	3.05E-02	2.81E-01	-6.76E-02	-2.22E-01	4.51E-02	9.35E-02	4.10E-01	-9.86E-02	-59.74	3.05E-02	-2.22E-01	
	46.00	-1.51E-06	8.13E-06	-5.28E-06	-1.71E-05	3.47E-06	7.19E-06	1.31E-05	-6.48E-06				
89	869.80	-2.60E-01	-1.32E-01	-3.95E-01	-2.36E-01	-3.91E-02	7.45E-03	4.83E-02	-4.41E-01	-52.57	-1.32E-01	2.36E-01	
	96.00	-1.47E-06	3.45E-06	-6.25E-06	-1.82E-05	-3.01E-06	5.73E-07	1.04E-05	-8.42E-06				
90	952.60	7.53E-02	1.84E-01	-1.04E-01	-1.13E-01	7.19E-03	1.30E-01	2.55E-01	4.03E-03	-57.79	1.37E-01	1.25E-01	
	128.00	1.20E-06	1.36E-06	-5.71E-06	-8.70E-06	5.53E-07	1.00E-05	8.10E-06	-1.54E-06				
91	869.80	-5.76E-02	-1.65E-02	-2.30E-01	-1.39E-01	5.60E-03	6.84E-02	1.04E-01	-1.78E-01	-49.19	-5.76E-02	-1.39E-01	
	160.00	1.12E-06	2.70E-06	-5.50E-06	-1.07E-05	4.31E-07	5.26E-06	7.34E-06	-3.51E-06				
92	869.80	1.22E-01	1.22E-01	-1.27E-01	-2.44E-01	-1.54E-01	8.45E-02	3.67E-01	-1.22E-01	-44.97	1.22E-01	2.44E-01	

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	202.60	3.42E-06	3.40E-06	-6.18E-06	-1.69E-05	-1.18E-05	6.50E-06	1.28E-05	-5.99E-06				
93	598.67	-3.67E-01	3.40E-01	-1.72E-01	-4.47E-01	-1.56E-01	3.40E-01	5.56E-01	-5.83E-01	-64.17	3.40E-01	4.47E-01	
	14.00	-1.19E-05	1.53E-05	-4.44E-06	-3.44E-05	-1.20E-05	2.62E-05	2.36E-05	-2.02E-05				
94	645.75	-8.06E-02	2.50E-01	-8.81E-02	-4.06E-01	-3.14E-02	1.81E-01	4.32E-01	-2.63E-01	-59.21	-6.06E-02	-3.06E-01	
	24.00	-3.99E-06	9.73E-06	-4.28E-06	-2.35E-05	-2.42E-06	1.39E-05	1.57E-05	-1.10E-05				
95	613.10	-3.22E-01	-1.46E-01	-3.12E-01	-6.51E-01	-4.55E-02	5.73E-02	4.23E-01	-8.91E-01	-48.84	-3.22E-01	-6.51E-01	
	60.33	-3.81E-06	2.95E-06	-3.43E-06	-8.01E-05	-3.50E-06	4.41E-06	2.48E-05	-2.57E-05				
96	708.45	-1.14E-01	1.44E-01	-1.66E-01	-2.48E-01	-4.00E-02	1.25E-01	2.98E-01	-2.63E-01	-58.96	2.67E-01	1.27E-01	
	55.00	-2.94E-06	7.16E-06	-4.94E-06	-1.91E-05	-3.07E-06	9.61E-06	1.29E-05	-8.68E-06				
97	613.10	-5.34E-01	-3.22E-01	-5.34E-01	-3.16E-01	-2.65E-01	7.17E-02	-9.50E-02	-7.61E-01	-54.26	-3.22E-01	3.16E-01	
	96.00	-5.25E-06	2.88E-06	-5.26E-06	-2.42E-05	-2.04E-05	5.52E-06	1.16E-05	-1.40E-05				
98	682.27	-5.68E-02	2.19E-01	-1.07E-01	-4.70E-01	-5.95E-02	1.35E-01	5.71E-01	-4.09E-01	-53.17	-1.97E-01	4.03E-01	
	112.00	-2.78E-06	7.81E-06	-4.73E-06	-3.62E-05	-4.58E-06	1.04E-05	2.14E-05	-1.63E-05				
99	751.43	3.38E-01	7.78E-01	2.32E-01	-2.85E-01	-1.52E-01	2.64E-01	9.18E-01	1.98E-01	-63.85	7.78E-01	2.85E-01	
	96.00	-1.82E-06	1.51E-05	-5.90E-06	-2.19E-05	-1.17E-05	2.03E-05	2.05E-05	-7.20E-06				
100	682.25	-6.40E-02	1.59E-01	-1.47E-01	-1.28E-01	-5.02E-02	6.88E-02	2.17E-01	-1.22E-01	-65.53	-6.40E-02	-1.28E-01	
	152.00	-1.89E-06	6.68E-06	-5.08E-06	-9.84E-06	-3.86E-06	5.29E-06	8.92E-06	-4.13E-06				
101	648.67	-2.92E-01	-1.92E-01	-4.40E-01	-1.70E-01	-2.71E-01	4.59E-02	-6.45E-02	-4.19E-01	-53.16	-1.92E-01	1.70E-01	
	192.00	-1.06E-06	2.77E-06	-6.78E-06	-1.31E-05	-2.09E-05	3.53E-06	7.68E-06	-5.97E-06				
102	725.25	4.58E-02	9.59E-02	-1.15E-01	-4.06E-02	-6.29E-02	8.72E-02	1.19E-01	2.32E-02	-60.85	1.14E-01	2.12E-02	
	232.70	1.47E-06	3.40E-06	-4.73E-06	-3.12E-06	-4.84E-06	6.71E-06	4.27E-06	6.02E-07				
103	635.50	-3.70E-02	9.90E-03	-1.49E-01	-4.72E-02	-4.14E-02	-9.22E-02	3.91E-02	-6.63E-02	-58.22	-3.70E-02	-4.72E-02	
	256.00	5.09E-07	2.31E-06	-3.79E-06	-3.63E-06	-3.18E-06	-7.09E-06	3.44E-06	-6.16E-07				
104	635.50	2.01E-02	1.29E-02	-1.70E-01	-6.72E-02	-2.43E-01	3.77E-02	8.38E-02	-5.08E-02	-43.47	1.29E-02	6.72E-02	
	290.67	2.28E-06	2.00E-06	-5.04E-06	-5.17E-06	-1.87E-05	2.90E-06	4.73E-06	-4.47E-07				
105	569.00	-2.10E-01	4.18E-01	-3.98E-02	-3.69E-01	-4.60E-02	3.08E-01	5.89E-01	-3.81E-01	-65.19	-2.10E-01	-3.69E-01	
	16.50	-9.93E-06	1.42E-05	-3.38E-06	-2.84E-05	-3.54E-06	2.37E-05	2.08E-05	-1.65E-05				
106	508.50	-2.28E+00	-1.42E+00	-1.60E+00	-5.52E-01	-2.71E-01	8.18E-02	-1.15E+00	-2.55E+00	-64.01	-1.42E+00	5.52E-01	
	13.00	-2.94E-05	3.77E-06	-3.43E-06	-4.25E-05	-2.08E-05	6.29E-06	1.41E-05	-3.98E-05				
107	521.00	-4.28E-01	6.02E-02	-2.25E-01	-4.92E-01	-6.53E-02	1.86E-01	3.66E-01	-7.33E-01	-58.19	-4.28E-01	-4.92E-01	
	15.75	-9.94E-06	8.83E-06	-2.15E-06	-3.79E-05	-5.03E-06	1.43E-05	2.06E-05	-2.17E-05				
108	526.25	-3.64E-01	7.39E-02	-2.05E-01	-5.33E-01	-4.76E-02	1.89E-01	4.31E-01	-7.21E-01	-56.17	-3.64E-01	-5.33E-01	
	21.00	-8.55E-06	8.28E-06	-2.45E-06	-4.10E-05	-3.66E-06	1.45E-05	2.20E-05	-2.23E-05				
109	515.50	-1.53E+00	-9.14E-01	-1.12E+00	-7.71E-01	-1.73E-01	8.34E-02	-3.92E-01	-2.05E+00	-55.87	-9.14E-01	7.71E-01	
	26.00	-1.96E-05	4.01E-06	-3.99E-06	-5.93E-05	-1.33E-05	6.41E-06	2.41E-05	-3.97E-05				
110	531.50	-1.96E-01	1.06E-01	-1.42E-01	-4.07E-01	-2.05E-02	1.51E-01	3.93E-01	-4.72E-01	-54.86	-1.86E-01	-4.07E-01	
	34.50	-4.71E-06	6.52E-06	-3.03E-06	-3.13E-05	-1.58E-06	1.16E-05	1.76E-05	-1.57E-05				
111	515.50	-3.72E-02	2.40E-01	-6.81E-03	-1.46E+00	-1.09E-02	1.74E-02	1.57E+00	-1.36E+00	-47.72	-3.72E-02	-1.46E+00	
	44.00	-3.59E-06	7.08E-06	-2.42E-06	-1.12E-04	-8.35E-07	1.34E-06	5.81E-05	-5.46E-05				
112	515.50	-5.87E-01	-3.23E-01	-5.13E-01	-3.10E-01	-9.75E-02	6.44E-02	-1.18E-01	-7.92E-01	-56.56	-3.23E-01	3.10E-01	
	53.33	-6.95E-06	3.22E-06	-4.08E-06	-2.38E-05	-7.50E-06	4.95E-06	1.11E-05	-1.48E-05				
113	547.50	3.97E-01	6.74E-01	2.88E-01	-3.23E-01	-4.89E-02	3.96E-01	8.87E-01	1.84E-01	-56.58	5.61E-01	3.51E-01	
	64.00	3.34E-07	1.10E-05	-3.84E-06	-2.49E-05	-3.77E-06	3.04E-05	1.92E-05	-7.87E-06				
114	515.50	2.38E-01	5.24E-01	1.89E-01	-6.44E-01	-3.28E-03	8.20E-02	1.04E+00	-2.78E-01	-51.27	2.38E-01	-6.44E-01	
	74.67	-1.30E-06	9.71E-06	-3.18E-06	-4.95E-05	-2.52E-07	6.31E-06	2.96E-05	-2.12E-05				
115	515.50	-6.46E-02	1.12E-02	-1.73E-01	-1.97E-01	-1.15E-01	6.01E-02	1.74E-01	-2.27E-01	-50.45	1.12E-02	1.97E-01	
	88.00	-1.57E-09	2.91E-06	-4.15E-06	-1.51E-05	-8.85E-06	4.63E-06	9.16E-06	-6.25E-06				
116	547.50	4.34E-01	4.99E-01	2.31E-01	-4.11E-01	-6.90E-02	3.49E-01	8.79E-01	5.45E-02	-47.26	3.02E-01	3.78E-01	
	104.00	3.91E-06	6.40E-06	-3.91E-06	-3.16E-05	-5.31E-06	2.69E-05	2.10E-05	-1.07E-05				
117	515.50	1.91E-01	4.57E-01	1.32E-01	-4.71E-01	-1.99E-03	1.36E-01	8.14E-01	-1.66E-01	-52.86	1.91E-01	-4.71E-01	
	120.00	-1.21E-06	8.99E-06	-3.49E-06	-3.63E-05	-1.53E-07	1.04E-05	2.27E-05	-1.49E-05				
118	515.50	-9.29E-02	-2.44E-02	-2.07E-01	-1.76E-01	-1.18E-01	4.94E-02	1.20E-01	-2.38E-01	-50.52	-2.44E-02	1.76E-01	
	136.00	-5.35E-09	2.63E-06	-4.41E-06	-1.35E-05	-9.11E-06	3.80E-06	8.20E-06	-5.57E-06				
119	547.50	3.26E-01	3.61E-01	1.24E-01	-3.59E-01	-6.74E-02	2.99E-01	7.03E-01	-1.63E-02	-46.40	1.90E-01	3.25E-01	
	152.00	3.63E-06	4.99E-06	-4.15E-06	-2.76E-05	-5.18E-06	2.30E-05	1.81E-05	-9.53E-06				
120	515.50	1.61E-01	4.00E-01	8.97E-02	-3.98E-01	-1.10E-02	6.74E-02	6.96E-01	-1.35E-01	-53.35	1.61E-01	-3.98E-01	
	168.00	-9.61E-07	8.24E-06	-3.70E-06	-3.06E-05	-8.49E-07	5.19E-06	1.96E-05	-1.24E-05				
121	515.50	-1.37E-01	-7.55E-02	-2.56E-01	-1.27E-01	-1.48E-01	3.70E-02	2.46E-02	-2.37E-01	-51.81	-7.55E-02	1.27E-01	
	184.00	-1.29E-07	2.24E-06	-4.69E-06	-9.79E-06	-1.14E-05	2.85E-06	6.09E-06	-3.98E-06				
122	547.50	2.65E-01	3.37E-01	8.00E-02	-2.61E-01	-7.80E-02	3.17E-01	5.64E-01	3.75E-02	-48.95	2.10E-01	2.47E-01	
	200.00	2.69E-06	5.47E-06	-4.41E-06	-2.01E-05	-6.00E-06	2.44E-05	1.42E-05	-6.05E-06				
123	515.5[illegible]	[illegible].72E-01	4.23E-01	1.05E-01	-2.59E-01	-1.75E-02	[illegible]E-02	5.87E-01	1.49E-02	-57.64	1.79E-01	-2.59E[illegible]	
	216.[illegible]	[illegible].91E-07	8.50E-06	-3.73E-06	-1.99E-05	-1.35E-06	[illegible]E-06	1.48E-05	-7.19E-06				
124	51[illegible]	[illegible]2.77E-01	-1.91E-01	-3.57E-01	-2.05E-02	-1.66E-0[illegible]	[illegible]E-02	-1.86E-01	-2.82E-01	-77.26	-1.91E-01	2.[illegible]	

	232.[illegible]	[illegible].59E-06	1.73E-06	-4.67E-06	-1.59E-06	-1.28E-05	[illegible]E-06	1.90E-06	-1.77E-06				
125	547.5[illegible]	-1.01E-01	-[illegible].55E-02	-2.23E-01	-3.31E-02	-8.47E-07	[illegible]3E-01	-3.82E-02	-1.18E-01	-62.10	-7.40E-02	3.98E[illegible]	
	248.00	2.92E-07	2.02E-06	-4.40E-06	-2.5[illegible]E-06	-6.52E-06	2.33E-05	2.70E-06	-3.83E-07				
126	515.50	1.64E-01	3.60E-01	8.77E-02	-3.18E-02	-3.01E-02	-3.75E-02	3.65E-01	1.59E-01	-60.99	1.64E-01	-3.18E-02	
	264.00	-4.06E-07	7.12E-06	-3.35E-06	-2.45E-06	-2.31E-06	-2.89E-06	7.32E-06	-6.01E-07				
127	515.50	-2.55E-01	-1.98E-01	-3.31E-01	4.83E-02	-1.81E-01	1.65E-02	-1.70E-01	-2.83E-01	60.47	-1.98E-01	-4.83E-02	
	276.00	-1.21E-06	1.01E-06	-4.10E-06	3.72E-06	-1.39E-05	1.27E-06	2.07E-06	-2.27E-06				
128	531.50	-1.71E-01	-9.73E-02	-2.19E-01	1.12E-02	-3.29E-02	1.91E-02	-9.56E-02	-1.72E-01	81.53	-1.71E-01	1.12E-02	
	297.00	-1.31E-06	1.61E-06	-3.09E-06	8.61E-07	-2.53E-06	1.47E-06	1.68E-06	-1.28E-06				
129	515.50	4.35E-02	3.60E-01	7.44E-02	7.14E-02	-4.01E-02	-6.01E-02	3.76E-01	2.82E-02	77.86	4.35E-02	7.14E-02	
	320.00	-3.58E-06	8.60E-06	-2.39E-06	5.49E-06	-3.09E-06	-4.62E-06	9.19E-06	-4.17E-06				
189	565.50	-1.57E-01	5.75E-01	5.39E-02	-6.18E-01	-6.13E-02	4.45E-01	9.27E-01	-5.10E-01	-60.32	-1.57E-01	-6.18E-01	
	-8.00	-1.12E-05	1.69E-05	-3.10E-06	-4.75E-05	-4.71E-06	3.42E-05	3.05E-05	-2.48E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3495E+02	.2122E+03	.2061E+03	-.1872E+01	.1129E+02	-.3989E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.5406E-01	.4550E+00	.6122E+00	-.9024E+01	-.2348E+01	.1758E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1209E+01	-.3281E+00	.4128E+00	-.1694E+02	-.8076E+01	.4771E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1481E+01	.2635E+00	.2497E+00	-.2425E+02	-.1083E+02	.6985E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.2162E+01	-.4262E+00	.2355E+00	-.3067E+02	-.1424E+02	.9864E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1910E+01	.2350E+00	.2007E+00	-.3733E+02	-.1611E+02	.1384E+02
25	-.9055E-02	.3466E-01	.1458E+00	-.4421E+02	-.1739E+02	.1804E+02
26	-.1691E+02	-.2880E+01	.3074E+00	-.4966E+02	-.1810E+02	.2105E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1570E+02	.1645E+01	.5116E+00	-.5335E+02	-.2127E+02	.2379E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3264E+03	.3919E+02	.9475E+01	-.6778E+02	-.3638E+02	.3746E+02
40	.9242E+02	-.1297E+01	.1167E+02	-.6808E+02	-.3691E+02	.3442E+02
41	-.8676E+02	-.2564E+02	.8643E+01	-.6259E+02	-.3413E+02	.2956E+02
42	-.6454E+02	-.1439E+02	.2795E+01	-.5523E+02	-.2811E+02	.2590E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.8344E+03	.1251E+03	.5254E+01	-.2967E+02	-.3108E+02	-.2139E+02
48	.7433E+03	.1047E+03	.5711E+01	.5507E+00	-.2413E+02	-.1455E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.4612E+03	.6891E+02	.2483E+01	.9767E+02	-.6736E+01	-.5823E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3364E+01	.8999E+01	.8289E+00	-.1928E+02	-.3107E+02	-.2095E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.3107E+03	.4643E+02	.2392E+01	.9061E+02	-.9246E+01	-.5395E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2116E+03	.3153E+02	.3086E+01	.7578E+02	-.1465E+02	-.5203E+02
66	.5246E+02	.7550E+01	.3752E+01	.8263E+02	-.2545E+02	-.5514E+02
67	-.1844E+03	-.2811E+02	.3599E+01	.9080E+02	-.3898E+02	-.5516E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3277E+03	-.4977E+02	.2720E+01	.6863E+02	-.5544E+02	-.5403E+02
76	.3962E+02	.5162E+01	.1464E+01	.6969E+02	-.7006E+02	-.5406E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1322E+03	-.2071E+02	.8256E+00	.6366E+02	-.8161E+02	-.5221E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.6318E+02	.9567E+01	.3296E+00	.5908E+02	-.8501E+02	-.5100E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.7350E+02	-.1200E+02	.2779E+00	.5587E+02	-.9185E+02	-.4606E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.6728E+02	.9118E+01	.2496E+00	.5194E+02	-.9274E+02	-.4147E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.7225E+02	-.1187E+02	.2249E+00	[illegible]	-.9913E+02	-.3721E+02

	.4719E+02	.6060E+01	.8410E-02	[illegible]	-.9879E+02	-.3180E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.5694E+02	-.9582E+01	-.5119E-01	.3392E+02	-.1019E+03	-.2719E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1129E+02	.7035E+00	-.4913E+00	.2754E+02	-.9801E+02	-.2185E+02
115	-.3612E+02	-.6399E+01	-.7614E+00	.1800E+02	-.9509E+02	-.1810E+02
116	.6060E+01	-.9328E-01	-.1142E+01	.1093E+02	-.9103E+02	-.1629E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2092E+02	-.4125E+01	-.1294E+01	.1733E+02	-.8825E+02	-.1183E+02
119	-.3138E+02	-.5569E+01	-.1708E+01	.3940E+01	-.7760E+02	-.9135E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.4230E+02	-.4140E+01	-.2238E+01	-.4009E+01	-.5750E+02	-.6579E+01
122	-.3148E+02	.4425E+00	-.2519E+01	.1277E+00	-.5297E+02	-.3927E+01
123	-.2153E+02	.8828E+00	-.2393E+01	.7900E+00	-.4506E+02	-.3241E+01
124	-.1319E+02	.8515E+00	-.1681E+01	.1211E+01	-.3604E+02	-.2691E+01
125	-.6443E+01	.1037E+01	-.1254E+01	.1547E+01	-.2868E+02	-.2180E+01
126	.1927E+01	.2149E+01	-.1130E+01	.1995E+01	-.2240E+02	-.1632E+01
127	.7426E+01	.2987E+01	-.1085E+01	.2227E+01	-.1740E+02	-.1012E+01
128	.1237E+02	.3458E+01	-.8539E+00	.2651E+01	-.7900E+01	-.3433E+00
129	.1108E+02	.2750E+01	-.5257E+00	.2982E+01	-.1076E+01	.1091E+00
130	.6857E+01	.1520E+01	-.1742E+00	.2784E+01	.3134E+01	.2394E+00
131	.1520E+01	.2340E+00	.5415E-01	.2281E+01	.4159E+01	.1519E+00
132	-.1785E+00	-.1220E+00	.6972E-01	.1645E+01	.2515E+01	-.2666E-01
133	-.4474E+00	-.1180E+00	.3356E-01	.1208E+01	.1204E+01	-.1137E+00
134	-.1018E+00	-.1818E-01	.9251E-02	.9234E+00	.6939E+00	-.1145E+00
135	.3378E-01	.1079E-01	.9904E-02	.6865E+00	.5068E+00	-.8289E-01
136	-.1235E-01	.2248E-02	.3367E-04	.4567E+00	.3445E+00	-.4828E-01
137	.2136E-01	.7991E-02	-.1019E+00	.2413E+00	.1756E+00	-.2036E-01
138	-.3923E-01	-.2019E-01	-.1130E+02	.5699E-01	-.7632E-01	.1526E-01
139	-.1068E-01	-.1724E-01	.2950E+02	.1960E-01	.4603E-01	-.6497E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.10425E-01	-.52725E-04	.10513E-01	.00000E+00
3	-.18792E-01	-.21483E-03	.18762E-01	.00000E+00
4	-.20234E-01	-.23067E-03	.20124E-01	.00000E+00
5	-.21659E-01	.42837E-04	.21667E-01	.00000E+00
6	-.24124E-01	-.99452E-05	.24120E-01	-.10499E-04
7	-.22402E-01	-.67466E-03	.22718E-01	.00000E+00
8	-.24192E-01	-.53397E-03	.24286E-01	-.23435E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.10376E-01	-.19587E-03	.10485E-01	.00000E+00
11	-.18828E-01	-.43167E-03	.19163E-01	.00000E+00
12	-.20786E-01	-.54928E-03	.21205E-01	.00000E+00
13	-.22395E-01	-.45044E-03	.22644E-01	.00000E+00
14	-.24311E-01	-.67013E-03	.24734E-01	-.58175E-05
15	-.22572E-01	-.12161E-02	.23841E-01	.00000E+00
16	-.24500E-01	-.11190E-02	.25467E-01	-.10721E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.10408E-01	-.36794E-03	.10962E-01	.00000E+00
19	-.19093E-01	-.80068E-03	.20211E-01	.00000E+00
20	-.21103E-01	-.10992E-02	.22460E-01	.00000E+00
21	-.22831E-01	-.83398E-03	.24080E-01	.00000E+00
22	-.24748E-01	-.10750E-02	.26490E-01	-.47508E-05
23	-.23295E-01	-.19357E-02	.26071E-01	.00000E+00
24	-.25074E-01	-.18856E-02	.27827E-01	-.13321E-04
25	-.25304E-01	-.22199E-02	.28679E-01	-.23283E-05
26	-.25440E-01	-.22534E-02	.29190E-01	-.56752E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.10200E-01	-.72637E-03	.11343E-01	.00000E+00

29	-.19219E-01	-.15572E-02	.21237E-01	.00000E+00
30	-.21462E-01	-.19355E-02	.23932E-01	.00000E+00
31	-.23540E-01	-.22114E-02	.26455E-01	.00000E+00
32	-.25578E-01	-.26134E-02	.29733E-01	-.35534E-04
33	-.23404E-01	-.29272E-02	.26599E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.10010E-01	-.93595E-03	.11357E-01	.00000E+00
36	-.19194E-01	-.19272E-02	.21419E-01	.00000E+00
37	-.21596E-01	-.21963E-02	.23895E-01	.00000E+00
38	-.23994E-01	-.28379E-02	.27527E-01	.00000E+00
39	-.25913E-01	-.36632E-02	.30717E-01	.64728E-05
40	-.25866E-01	-.36145E-02	.30491E-01	-.13733E-04
41	-.25822E-01	-.33923E-02	.30281E-01	-.25415E-04
42	-.25715E-01	-.30293E-02	.30034E-01	-.34208E-04
43	-.20887E-01	-.26606E-02	.23316E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.80577E-02	-.43342E-03	.10265E-01	.00000E+00
46	-.18532E-01	-.18382E-02	.20428E-01	.00000E+00
47	-.25935E-01	-.35795E-02	.30805E-01	.11588E-04
48	-.25929E-01	-.36259E-02	.30791E-01	.15050E-04
49	-.23940E-01	-.29243E-02	.27306E-01	.00000E+00
50	-.26138E-01	-.36403E-02	.30880E-01	.51830E-04
51	-.23759E-01	-.30710E-02	.26662E-01	.00000E+00
52	-.26713E-01	-.33122E-02	.29063E-01	.00000E+00
53	-.25953E-01	-.34824E-02	.30858E-01	.63454E-05
54	-.20514E-01	-.19883E-02	.21653E-01	.00000E+00
55	-.23086E-01	-.25424E-02	.23767E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.74322E-02	-.97948E-03	.73566E-02	.00000E+00
58	-.15978E-01	-.94978E-03	.13855E-01	.00000E+00
59	-.26953E-01	-.29009E-02	.27381E-01	.00000E+00
60	-.26633E-01	-.31920E-02	.28174E-01	.00000E+00
61	-.26341E-01	-.36512E-02	.30942E-01	.81902E-04
62	-.18946E-01	-.11212E-02	.16699E-01	.00000E+00
63	-.22061E-01	-.13667E-02	.20489E-01	.00000E+00
64	-.27260E-01	-.33905E-02	.29419E-01	.00000E+00
65	-.26620E-01	-.36513E-02	.31000E-01	.10280E-03
66	-.27319E-01	-.36901E-02	.31115E-01	.12626E-03
67	-.28079E-01	-.36987E-02	.31242E-01	.12139E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.56955E-02	-.19275E-04	.41263E-02	.00000E+00
70	-.16583E-01	-.60650E-03	.13282E-01	.00000E+00
71	-.25686E-01	-.16268E-02	.23240E-01	.00000E+00
72	-.27932E-01	-.32770E-02	.29461E-01	.00000E+00
73	-.20420E-01	-.81234E-03	.14649E-01	.00000E+00
74	-.29647E-01	-.34251E-02	.30631E-01	.00000E+00
75	-.28732E-01	-.37145E-02	.31350E-01	.93726E-04
76	-.29631E-01	-.37721E-02	.31565E-01	.67147E-04
77	-.23840E-01	-.96311E-03	.18550E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.66389E-02	-.35106E-03	.52118E-02	.00000E+00
80	-.15422E-01	-.17557E-03	.11087E-01	.00000E+00
81	-.17048E-01	-.22026E-03	.11865E-01	.00000E+00
82	-.19318E-01	-.31571E-03	.15298E-01	.00000E+00
83	-.28680E-01	-.18593E-02	.25561E-01	.00000E+00
84	-.26265E-01	-.10068E-02	.20972E-01	.00000E+00
85	-.30659E-01	-.39200E-02	.31821E-01	.54318E-04
86	-.30719E-01	-.35648E-02	.31485E-01	.00000E+00
87	-.23624E-01	-.64928E-03	.16930E-01	.00000E+00
88	-.30476E-01	-.29563E-02	.29825E-01	.00000E+00
89	-.31385E-01	-.38336E-02	.32076E-01	.44256E-04
	-.10942E-01	.83385E-04	.48243E-02	.00000E+00
	-.19449E-01	.17763E-03	.61353E-02	.00000E+00
	-.20121E-01	-.20415E-03	.68930E-02	.00000E+00

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.69366E-02	.00000E+00	.14562E-02	.00000E+00
95	-.13068E-01	.00300E+00	.26764E-02	.00000E+00
96	-.15156E-01	.00300E+00	.33890E-02	.00000E+00
97	-.15764E-01	.00300E+00	.29198E-02	.00000E+00
98	-.15349E-01	.00300E+00	.25228E-02	.00000E+00
99	-.17202E-01	-.49712E-04	.33176E-02	.00000E+00
100	-.22723E-01	-.42115E-03	.10335E-01	.00000E+00
101	-.25457E-01	-.15459E-02	.20888E-01	.00000E+00
102	-.32499E-01	-.39895E-02	.32426E-01	.39295E-04
103	-.30090E-01	-.22473E-02	.26223E-01	.00000E+00
104	-.32792E-01	-.39386E-02	.32458E-01	.00000E+00
105	-.33261E-01	-.40567E-02	.32716E-01	.32891E-04
106	-.31727E-01	-.26961E-02	.28972E-01	.00000E+00
107	-.33966E-01	-.40493E-02	.32755E-01	.00000E+00
108	-.34108E-01	-.41279E-02	.32970E-01	.31317E-04
109	-.34743E-01	-.41310E-02	.33159E-01	.26873E-04
110	-.33997E-01	-.40947E-02	.30382E-01	.00000E+00
111	-.35403E-01	-.44751E-02	.33530E-01	.00000E+00
112	-.35412E-01	-.42404E-02	.33293E-01	.23943E-04
113	-.35066E-01	-.39113E-02	.31571E-01	.00000E+00
114	-.35788E-01	-.42404E-02	.33352E-01	.79494E-05
115	-.35867E-01	-.42645E-02	.33359E-01	.10371E-05
116	-.35851E-01	-.42313E-02	.33275E-01	-.42443E-05
117	-.35606E-01	-.46284E-02	.34125E-01	.00000E+00
118	-.35770E-01	-.42308E-02	.33230E-01	-.89564E-05
119	-.35541E-01	-.42231E-02	.33128E-01	-.13562E-04
120	-.35915E-01	-.44797E-02	.33796E-01	.00000E+00
121	-.35138E-01	-.41739E-02	.32951E-01	-.21498E-04
122	-.35094E-01	-.39953E-02	.32978E-01	-.25746E-04
123	-.35028E-01	-.38289E-02	.32993E-01	-.29200E-04
124	-.34952E-01	-.36397E-02	.33008E-01	-.33279E-04
125	-.34851E-01	-.34227E-02	.33021E-01	-.38300E-04
126	-.34650E-01	-.30016E-02	.33042E-01	-.44588E-04
127	-.34430E-01	-.25423E-02	.33060E-01	-.46196E-04
128	-.33997E-01	-.15757E-02	.33098E-01	-.39789E-04
129	-.33677E-01	-.81663E-03	.33132E-01	-.28783E-04
130	-.33457E-01	-.24937E-03	.33167E-01	-.15486E-04
131	-.33360E-01	.50910E-04	.33222E-01	-.39809E-06
132	-.33398E-01	-.51333E-04	.33274E-01	.35064E-05
133	-.33433E-01	-.16488E-03	.33320E-01	.16454E-05
134	-.33443E-01	-.18454E-03	.33359E-01	-.11746E-06
135	-.33441E-01	-.14949E-03	.33392E-01	-.92609E-06
136	-.33438E-01	-.99487E-04	.33416E-01	-.86631E-06
137	-.33437E-01	-.50372E-04	.33431E-01	-.98547E-06
138	-.33437E-01	-.53464E-05	.33437E-01	-.53778E-06
139	-.33437E-01	-.75757E-06	.33437E-01	-.73486E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.93E-02	-5.34E-02	-7.93E-03	-1.28E+00	-8.62E-03	1.29E+00	1.24E+00	-1.31E+00	-44.62	-1.93E-02	-1.28E+00
	-303.00	1.70E-07	-1.38E-06	6.87E-07	-1.16E-04	-7.84E-07	1.18E-04	5.74E-05	-5.86E-05			
2	72.00	-1.75E-02	-6.71E-02	2.00E-02	-1.04E+00	-4.99E-03	1.07E+00	1.00E+00	-1.08E+00	-44.32	-1.75E-02	-1.04E+00
	-213.00	4.41E-08	-2.21E-06	1.75E-06	-9.47E-05	-4.54E-07	9.71E-05	4.63E-05	-4.84E-05			
3	72.00	-1.23E-01	-4.20E-02	6.05E-02	-6.64E-01	6.62E-02	7.33E-01	5.62E-01	-7.67E-01	-45.89	-1.23E-01	-6.64E-01
	-138.00	-2.04E-06	-1.10E-06	2.13E-06	-3.02E-05	3.01E-06	3.33E-05	1.35E-05	-1.67E-05			
4	24.00	-9.53E-01	-6.40E-01	-8.03E-01	-1.22E+00	2.49E-01	1.36E+00	4.30E-01	-2.02E+00	-48.66	-9.53E-01	-1.22E+00
	-68.00	-1.03E-05	1.72E-06	-4.97E-06	-9.36E-05	1.92E-05	1.04E-04	4.25E-05	-5.15E-05			
5	72.00	4.15E-01	2.41E-01	4.74E-01	-5.71E-01	-1.71E-02	5.91E-01	9.06E-01	-2.50E-01	-40.66	2.41E-01	5.71E-01

	-88.00	3.55E-06	-3.16E-06	5.82E-06	-4.39E-05	-1.32E-06	4.54E-05	2.24E-05	-2.20E-05				
6	120.00	2.40E-01	2.77E-01	3.37E-01	-1.01E+00	-5.87E-02	1.01E+00	1.27E+00	-7.44E-01	-45.39	-7.25E-01	1.95E-01	
	-68.00	9.65E-08	1.15E-06	3.49E-06	-7.74E-05	-4.52E-06	7.78E-05	3.93E-05	-3.81E-05				
7	36.25	-2.49E-01	-8.02E-02	-2.75E-02	-5.89E-01	7.32E-02	5.55E-01	4.31E-01	-7.60E-01	-49.07	-2.28E-01	-5.92E-01	
	-19.00	-5.65E-06	9.33E-07	2.86E-06	-4.53E-05	5.63E-06	4.27E-05	2.05E-05	-2.53E-05				
8	108.00	3.42E-02	3.69E-02	1.20E-01	-4.07E-01	1.20E-03	4.80E-01	4.43E-01	-3.72E-01	-45.09	3.42E-02	-4.07E-01	
	-19.00	-7.79E-07	-6.81E-07	2.51E-06	-3.13E-05	9.26E-08	3.69E-05	1.49E-05	-1.64E-05				
9	216.00	-1.11E-01	-1.78E-01	-9.19E-02	-1.28E+00	9.76E-03	1.32E+00	1.13E+00	-1.42E+00	-44.25	-1.11E-01	-1.28E+00	
	-303.00	-1.10E-07	-3.13E-06	7.69E-07	-1.15E-04	8.87E-07	1.20E-04	5.64E-05	-5.97E-05				
10	216.00	-1.23E-01	-1.83E-01	-4.69E-02	-1.07E+00	3.13E-02	1.12E+00	9.15E-01	-1.22E+00	-44.21	-1.23E-01	-1.07E+00	
	-213.00	-1.03E-06	-3.71E-06	2.45E-06	-9.71E-05	2.85E-06	1.02E-04	4.62E-05	-5.09E-05				
11	216.00	-1.22E-01	-1.52E-01	1.32E-01	-7.91E-01	9.38E-02	8.58E-01	6.54E-01	-9.28E-01	-44.45	-1.22E-01	-7.91E-01	
	-138.00	-2.02E-06	-2.71E-06	3.74E-06	-3.60E-05	4.26E-06	3.90E-05	1.56E-05	-2.03E-05				
12	168.00	-4.72E-01	-6.12E-01	-3.43E-01	-1.22E+00	1.84E-01	1.24E+00	6.82E-01	-1.77E+00	-43.36	-4.72E-01	-1.22E+00	
	-68.00	-2.47E-06	-7.87E-06	2.49E-06	-9.60E-05	1.41E-05	9.52E-05	4.19E-05	-5.23E-05				
13	216.00	5.10E-01	2.25E-01	5.23E-01	-5.42E-01	2.03E-02	5.09E-01	9.28E-01	-1.93E-01	-37.63	2.25E-01	5.42E-01	
	-88.00	5.80E-06	-5.17E-06	6.28E-06	-4.17E-05	1.56E-06	3.92E-05	2.19E-05	-2.12E-05				
14	264.00	1.11E-01	2.67E-01	3.38E-01	-9.98E-01	-2.38E-02	1.05E+00	1.19E+00	-8.12E-01	-47.23	-7.79E-01	2.57E-01	
	-68.00	-3.60E-06	2.39E-06	5.14E-06	-7.68E-05	-1.83E-05	8.08E-05	3.79E-05	-3.91E-05				
15	180.00	-4.34E-02	-4.72E-03	1.28E-01	-5.40E-01	1.22E-01	4.79E-01	5.17E-01	-5.65E-01	-46.03	-4.34E-02	-5.40E-01	
	-19.00	-2.55E-06	-1.06E-06	4.04E-06	-4.16E-05	9.36E-06	3.68E-05	1.90E-05	-2.26E-05				
16	252.00	-6.94E-02	-1.02E-02	1.57E-01	-3.92E-01	4.64E-02	5.07E-01	3.54E-01	-4.33E-01	-47.16	-6.94E-02	-3.92E-01	
	-19.00	-3.52E-06	-1.24E-06	5.19E-06	-3.02E-05	3.57E-06	3.90E-05	1.28E-05	-1.75E-05				
17	361.00	-1.69E-01	-3.18E-01	-1.59E-01	-1.27E+00	1.42E-03	1.37E+00	1.03E+00	-1.52E+00	-43.32	-1.69E-01	-1.27E+00	
	-303.00	7.10E-07	-6.08E-06	1.18E-06	-1.16E-04	1.29E-07	1.25E-04	5.53E-05	-6.06E-05				
18	361.00	-1.46E-01	-3.07E-01	-7.80E-02	-1.12E+00	1.61E-02	1.20E+00	9.01E-01	-1.35E+00	-42.94	-1.46E-01	-1.12E+00	
	-213.00	2.79E-07	-7.08E-06	3.35E-06	-1.02E-04	1.47E-06	1.09E-04	4.78E-05	-5.46E-05				
19	361.00	-1.19E-01	-2.47E-01	1.66E-01	-9.05E-01	8.20E-02	9.87E-01	7.25E-01	-1.09E+00	-42.99	-1.19E-01	-9.05E-01	
	-138.00	-1.66E-06	-4.56E-06	4.82E-06	-4.11E-05	3.73E-06	4.49E-05	1.75E-05	-2.37E-05				
20	312.00	-8.27E-01	-9.35E-01	-5.47E-01	-1.43E+00	3.03E-01	1.53E+00	5.53E-01	-2.32E+00	-43.92	-8.27E-01	-1.43E+00	
	-68.00	-6.44E-05	-1.06E-05	4.35E-06	-1.10E-04	2.33E-05	1.17E-04	4.67E-05	-6.37E-05				
21	360.67	8.24E-01	5.62E-01	8.04E-01	-7.46E-01	-1.74E-02	7.65E-01	1.45E+00	-6.38E-02	-40.01	5.62E-01	7.46E-01	
	-88.00	7.63E-06	-2.45E-06	6.85E-06	-5.74E-05	-1.34E-06	5.88E-05	3.17E-05	-2.65E-05				
22	409.33	-5.53E-01	-7.71E-01	-3.10E-01	-1.34E+00	6.52E-03	1.66E+00	6.78E-01	-2.00E+00	-42.66	-1.99E+00	1.69E-01	
	-68.00	-3.31E-06	-1.17E-05	6.03E-06	-1.03E-04	5.02E-07	1.28E-04	4.40E-05	-5.90E-05				
23	324.00	-1.45E-01	-3.14E-02	1.69E-01	-5.92E-01	2.15E-01	5.25E-01	5.07E-01	-6.83E-01	-47.73	-1.45E-01	-5.92E-01	
	-19.00	-5.49E-06	-1.13E-06	6.57E-06	-4.56E-05	1.65E-05	4.04E-05	1.96E-05	-2.62E-05				
24	372.00	-1.14E-01	5.00E-02	2.46E-01	-1.37E+00	2.11E-01	1.44E+00	1.36E+00	-1.40E+00	-46.72	-1.14E-01	-1.37E+00	
	-9.33	-6.40E-06	-7.08E-08	7.46E-06	-1.05E-04	1.62E-05	1.11E-04	4.95E-05	-5.60E-05				
25	401.25	-4.49E-02	2.60E-02	2.85E-01	-4.62E-01	7.13E-02	6.31E-01	4.54E-01	-4.73E-01	-47.20	3.89E-01	-2.37E-01	
	-19.00	-4.65E-06	-1.93E-06	8.04E-06	-3.55E-05	5.49E-06	4.85E-05	1.45E-05	-2.11E-05				
26	427.67	-9.42E-01	-1.12E+00	-5.69E-01	-1.58E+00	2.87E-01	2.08E+00	5.50E-01	-2.61E+00	-43.36	-1.89E+00	-1.33E+00	
	-9.33	-7.28E-06	-1.42E-05	7.05E-06	-1.21E-04	2.21E-05	1.60E-04	5.01E-05	-7.16E-05				
27	457.00	-2.10E-01	-4.59E-01	-2.25E-01	-1.26E+00	-1.33E-02	1.40E+00	9.32E-01	-1.60E+00	-42.18	-2.10E-01	-1.26E+00	
	-303.00	2.07E-06	-9.24E-06	1.36E-06	-1.15E-04	-1.21E-06	1.27E-04	5.40E-05	-6.11E-05				
28	457.00	-1.24E-01	-4.02E-01	-9.68E-02	-1.18E+00	-1.71E-02	1.25E+00	9.25E-01	-1.45E+00	-41.64	-1.24E-01	-1.18E+00	
	-213.00	2.44E-06	-1.02E-05	3.69E-06	-1.07E-04	-1.56E-06	1.14E-04	5.01E-05	-5.79E-05				
29	457.00	-8.75E-02	-2.63E-01	1.77E-01	-1.01E+00	-7.38E-02	1.04E+00	8.38E-01	-1.19E+00	-42.52	-8.75E-02	-1.01E+00	
	-138.00	-1.08E-06	-5.06E-06	4.94E-06	-4.59E-05	-3.35E-06	4.73E-05	2.00E-05	-2.61E-05				
30	442.00	-6.85E-01	-1.54E+00	-6.86E-01	-1.71E+00	-4.88E-02	1.77E+00	6.49E-01	-2.87E+00	-37.98	-6.85E-01	-1.71E+00	
	-68.00	5.65E-06	-2.72E-05	5.59E-06	-1.31E-04	-3.76E-06	1.36E-04	5.70E-05	-7.85E-05				
31	457.33	1.92E+00	5.73E-01	1.18E+00	-5.53E-01	-8.50E-01	9.54E-01	2.12E+00	3.75E-01	-19.69	5.73E-01	5.53E-01	
	-88.00	3.35E-05	-1.03E-05	5.03E-06	-4.25E-05	-6.54E-05	7.34E-05	4.11E-05	-2.59E-05				
32	472.67	-3.67E+00	-3.89E+00	-2.85E+00	-1.41E+00	5.85E-01	2.22E+00	-2.37E+00	-5.19E+00	-42.78	-4.61E+00	-1.14E+00	
	-68.00	-2.88E-05	-3.52E-05	4.86E-06	-1.08E-04	3.73E-05	1.71E-04	2.33E-05	-8.53E-05				
33	443.00	-3.03E-01	-3.96E-01	2.23E-02	-9.28E-01	9.71E-02	8.55E-01	5.80E-01	-1.28E+00	-43.56	-3.03E-01	-9.28E-01	
	-19.50	-4.21E-06	-7.73E-06	8.29E-06	-7.14E-05	7.47E-06	6.58E-05	2.97E-05	-4.17E-05				
34	454.00	-3.04E+00	-2.73E+00	-2.05E+00	-2.16E+00	6.09E-01	2.68E+00	-7.28E-01	-5.05E+00	-47.04	-3.91E+00	-1.90E+00	
	-11.33	-3.10E-05	-1.91E-05	7.04E-06	-1.66E-04	4.68E-05	2.06E-04	5.81E-05	-1.08E-04				
35	461.67	-1.51E+00	-2.19E+00	-1.23E+00	-2.02E+00	1.59E-01	2.79E+00	1.98E-01	-3.90E+00	-40.26	-1.51E+00	-2.02E+00	
	-12.00	-4.03E-05	-3.00E-05	6.92E-06	-1.55E-04	1.22E-05	2.15E-04	6.18E-05	-9.57E-05				
36	469.0[illegible]	[illegible].90E+00	4.54E-01	1.17E+00	-2.00E-01	-7.53E-01	[illegible]5E+00	1.83E+00	4.25E-01	-8.31	4.54E-01	2.00E-01	
	-30.0[illegible]	[illegible].15E-05	-2.02E-05	7.53E-06	-1.54E-05	-5.80E-05	[illegible]E-05	3.26E-05	-2.13E-05				
37	47[illegible]	[illegible]2.14E+00	-3.12E+00	-1.84E+00	-1.43E+00	1.70E-0[illegible]	[illegible]E+00	-1.12E+00	-4.15E+00	-35.50	-2.74E+00	-1.[illegible]	

	-12[illegible]	-4.25E-06	-4.22E-05	7.42E-06	-1.10E-04	1.31E-0[illegible]	[illegible]9E-04	3.50E-05	-8.15E-05			
38	55[illegible].50	-3.83E-02	-2.86E-01	-9.19E-02	-1.14E+00	-5.18E-02	[illegible]33E+00	9.90E-01	-1.30E+00	-41.88	-3.83E-02	-1.14
	-303.00	3.67E-06	-7.61E-06	1.23E-06	-1.03E-04	-4.71E-06	1.21E-04	4.99E-05	-5.39E-05			
39	558.50	-7.09E-02	-4.50E-01	-1.29E-01	-1.13E+00	-1.07E-01	1.26E+00	8.70E-01	-1.43E+00	-39.75	-7.09E-02	-1.13E+00
	-213.00	5.75E-06	-1.33E-05	3.09E-06	-1.03E-04	-9.72E-06	1.15E-04	4.85E-05	-5.61E-05			
40	506.17	1.42E-01	-1.19E+00	-6.14E-02	-2.52E+00	-2.60E-01	2.60E+00	2.09E+00	-3.13E+00	-37.62	1.42E-01	-2.52E+00
	-128.00	9.03E-06	-2.12E-05	4.42E-06	-1.15E-04	-1.18E-05	1.18E-04	5.32E-05	-6.54E-05			
41	558.50	1.23E+00	-7.02E-01	3.52E-01	-1.15E+00	-7.57E-01	1.66E+00	1.77E+00	-1.24E+00	-25.06	-7.02E-01	1.15E+00
	-148.00	2.33E-05	-2.06E-05	3.39E-06	-5.25E-05	-3.44E-05	7.55E-05	3.56E-05	-3.28E-05			
42	610.83	-1.42E-01	-1.18E+00	-2.22E-01	-2.13E+00	-5.34E-01	2.02E+00	1.52E+00	-2.85E+00	-38.18	-2.85E+00	6.03E-02
	-128.00	4.76E-06	-1.47E-05	3.10E-06	-9.67E-05	-2.43E-05	9.20E-05	4.28E-05	-5.67E-05			
43	501.38	3.85E-01	-1.35E-01	3.11E-01	-5.98E-01	-2.63E-01	7.83E-01	7.77E-01	-5.27E-01	-33.25	3.85E-01	-5.98E-01
	-78.00	8.64E-06	-1.14E-05	5.80E-06	-4.60E-05	-2.02E-05	6.02E-05	2.37E-05	-2.64E-05			
44	534.67	-5.06E-01	-1.04E+00	-4.54E-01	-1.93E+00	-1.76E-01	2.38E+00	1.18E+00	-2.73E+00	-41.05	-2.72E+00	7.16E-02
	-68.00	2.53E-06	-1.81E-05	4.54E-06	-1.49E-04	-1.35E-05	1.83E-04	6.73E-05	-8.28E-05			
45	584.67	2.76E-01	-2.51E-01	1.61E-01	-1.63E+00	-5.33E-01	1.61E+00	1.67E+00	-1.64E+00	-40.41	2.76E-01	-1.63E+00
	-68.00	8.58E-06	-1.17E-05	4.15E-06	-1.26E-04	-4.10E-05	1.24E-04	6.21E-05	-6.52E-05			
46	610.83	1.85E+00	-1.91E-02	8.01E-01	-8.81E-01	-9.25E-01	1.32E+00	2.20E+00	-3.69E-01	-21.64	-1.91E-02	8.81E-01
	-88.00	4.23E-05	-2.97E-05	1.87E-06	-6.78E-05	-7.12E-05	1.01E-04	5.57E-05	-4.31E-05			
47	482.63	-6.05E-02	-4.82E-01	9.52E-02	-4.51E-01	-2.35E-01	8.88E-01	2.26E-01	-7.69E-01	-32.47	-6.05E-02	-4.51E-01
	-21.00	2.59E-06	-1.36E-05	8.58E-06	-3.47E-05	-1.81E-05	6.83E-05	1.36E-05	-2.47E-05			
48	485.83	-1.71E+00	-2.64E+00	-1.49E+00	-1.27E+00	-3.78E-02	2.60E+00	-8.28E-01	-3.52E+00	-34.99	-1.88E+00	-1.32E+00
	-12.00	-1.77E-06	-3.73E-05	6.93E-06	-9.75E-05	-2.91E-06	2.00E-04	3.23E-05	-7.14E-05			
49	507.88	2.78E-02	-2.44E-01	2.01E-01	-4.80E-01	-1.64E-01	9.76E-01	3.91E-01	-6.06E-01	-37.10	2.78E-02	-4.80E-01
	-21.00	1.23E-06	-9.21E-06	7.90E-06	-3.69E-05	-1.26E-05	7.51E-05	1.52E-05	-2.32E-05			
50	538.67	-4.28E-01	-8.37E-01	-3.10E-01	-1.70E+00	-6.59E-01	2.02E+00	1.08E+00	-2.34E+00	-41.57	-2.34E+00	-3.94E-02
	-10.00	8.46E-07	-1.49E-05	5.39E-06	-1.31E-04	-5.07E-05	1.56E-04	5.88E-05	-7.28E-05			
51	484.67	4.64E+00	3.16E+00	3.49E+00	1.18E-01	-3.04E-01	2.88E-01	4.65E+00	3.15E+00	4.53	3.16E+00	-1.18E-01
	8.00	5.44E-05	-2.40E-06	1.00E-05	9.05E-06	-2.33E-05	2.22E-05	5.48E-05	-2.76E-06			
52	507.00	-8.88E-01	-1.18E+00	-5.23E-01	-6.24E-01	-3.04E-01	-8.58E-01	-3.92E-01	-1.67E+00	-38.48	-1.50E+00	-4.33E-01
	9.00	-5.71E-06	-1.68E-05	8.32E-06	-4.80E-05	-2.34E-05	-6.60E-05	1.34E-05	-3.59E-05			
53	603.00	5.45E-02	-1.12E-01	6.08E-02	-6.47E-01	-3.71E-01	6.78E-01	6.24E-01	-6.81E-01	-41.33	4.40E-01	-4.54E-01
	-18.00	2.06E-06	-4.35E-06	2.30E-06	-4.98E-05	-2.85E-05	5.21E-05	2.39E-05	-2.62E-05			
54	712.00	-1.12E-02	-2.88E-01	-1.05E-01	-1.02E+00	-1.12E-01	1.08E+00	8.75E-01	-1.17E+00	-41.11	-1.12E-02	-1.02E+00
	-303.00	4.75E-06	-7.85E-06	4.68E-07	-9.23E-05	-1.02E-05	9.84E-05	4.50E-05	-4.81E-05			
55	712.00	5.56E-01	9.66E-02	2.73E-01	-1.10E+00	-3.52E-01	1.03E+00	1.45E+00	-7.98E-01	-39.10	5.56E-01	-1.10E+00
	-213.00	1.33E-05	-7.64E-06	3.88E-07	-1.00E-04	-3.20E-05	9.40E-05	5.39E-05	-4.83E-05			
56	712.00	9.54E-01	2.32E-01	3.29E-01	-7.79E-01	-8.35E-01	7.92E-01	1.45E+00	-2.66E-01	-32.56	9.54E-01	-7.79E-01
	-138.00	1.37E-05	-2.68E-06	-4.69E-07	-3.54E-05	-3.80E-05	3.60E-05	2.50E-05	-1.40E-05			
57	712.00	2.91E-01	-1.07E-01	4.80E-02	-5.28E-01	-3.48E-01	6.72E-01	6.56E-01	-4.72E-01	-34.67	2.91E-01	-5.28E-01
	-78.00	8.64E-06	-6.66E-06	-7.02E-07	-4.06E-05	-2.67E-05	5.17E-05	2.27E-05	-2.07E-05			
58	712.00	3.19E-01	6.83E-03	9.26E-02	-7.10E-01	-3.08E-01	7.28E-01	8.89E-01	-5.64E-01	-38.82	3.18E-01	-7.10E-01
	-18.00	7.64E-06	-4.32E-06	-1.02E-06	-5.46E-05	-2.37E-05	5.60E-05	2.96E-05	-2.63E-05			
59	837.00	2.79E+00	1.46E+00	1.70E+00	-8.37E-01	-5.39E-01	8.99E-01	3.20E+00	1.06E+00	-25.76	1.46E+00	8.37E-01
	-318.00	4.95E-05	-1.09E-05	.00E+00	-7.61E-05	-4.90E-05	8.17E-05	6.79E-05	-2.92E-05			
60	887.00	2.66E-01	-2.37E-01	1.17E-02	-2.23E+00	-2.37E-01	1.91E+00	2.26E+00	-2.23E+00	-41.78	-2.07E+00	8.27E-01
	-288.00	1.16E-05	-1.13E-05	.00E+00	-2.03E-04	-2.15E-05	1.73E-04	1.02E-04	-1.02E-04			
61	987.00	-6.06E-01	-5.62E-01	-4.67E-01	-2.23E+00	7.96E-02	1.65E+00	1.64E+00	-2.81E+00	-45.28	-6.06E-01	-2.23E+00
	-288.00	-6.20E-06	-4.33E-06	.00E+00	-2.03E-04	7.24E-06	1.50E-04	9.60E-05	-1.07E-04			
62	1037.00	2.58E+00	1.43E+00	1.60E+00	-1.60E+00	-3.82E-01	1.27E+00	3.70E+00	3.09E-01	-35.14	1.43E+00	1.60E+00
	-318.00	4.43E-05	-7.80E-06	.00E+00	-1.45E-04	-3.47E-05	1.16E-04	9.53E-05	-5.89E-05			
63	862.00	2.26E-02	-1.29E-01	-1.06E-01	-1.14E+00	-1.17E-01	9.65E-01	1.09E+00	-1.20E+00	-43.10	2.26E-02	-1.14E+00
	-213.00	3.77E-06	-3.10E-06	-2.05E-06	-1.04E-04	-1.06E-05	8.77E-05	5.23E-05	-5.16E-05			
64	1012.00	-1.68E-01	-2.35E-01	-2.42E-01	-1.20E+00	-1.18E-02	9.22E-01	9.97E-01	-1.40E+00	-44.21	-1.68E-01	-1.20E+00
	-213.00	7.25E-07	-2.20E-06	-2.63E-06	-1.09E-04	-1.07E-06	8.38E-05	5.37E-05	-5.53E-05			
65	837.00	3.68E-01	-9.62E-02	-1.44E-01	-9.12E-01	-5.82E-01	1.06E+00	1.08E+00	-8.05E-01	-37.86	-9.62E-02	9.12E-01
	-148.00	7.70E-06	-2.86E-06	-3.94E-06	-4.15E-05	-2.65E-05	4.81E-05	2.38E-05	-1.90E-05			
66	937.00	2.65E-01	-1.55E-01	-1.68E-01	-1.49E+00	-2.77E-01	1.11E+00	1.56E+00	-1.45E+00	-40.99	-1.12E+00	9.34E-01
	-128.00	6.33E-06	-3.21E-06	-3.52E-06	-6.77E-05	-1.26E-05	5.06E-05	3.58E-05	-3.26E-05			
67	1037.00	1.60E+00	6.30E-02	2.61E-01	-1.49E+00	-6.66E-01	1.38E+00	2.51E+00	-8.40E-01	-31.30	6.30E-02	1.49E+00
	-148.00	2.63E-05	-8.67E-06	-4.18E-06	-6.75E-05	-3.03E-05	6.27E-05	4.69E-05	-2.92E-05			
68	837.00	5.56E-01	1.93E-01	2.02E-01	-1.62E+00	-4.71E-01	1.22E+00	2.01E+00	-1.26E+00	-41.80	5.56E-01	-1.62E+00
	-68.00	1.09E-05	-3.03E-06	-2.68E-06	-1.25E-04	-3.63E-05	9.35E-05	6.67E-05	-5.88E-05			
69	937.00	8.06E-01	-2.00E-01	4.09E-02	-9.92E-01	-4.68E-01	9.08E-01	1.41E+00	-8.09E-01	-31.56	-2.00E-01	9.92E-01

	-88.00	2.39E-05	-1.48E-05	-5.53E-06	-7.63E-05	-3.60E-05	6.58E-05	4.73E-05	-3.82E-05				
70	1037.00	-3.66E-01	-8.96E-01	-6.87E-01	-1.67E+00	1.21E-01	2.09E+00	1.06E+00	-2.32E+00	-40.49	-1.97E+00	1.03E+00	
	-68.00	7.34E-06	-1.30E-05	-5.00E-06	-1.29E-04	9.33E-06	1.61E-04	6.22E-05	-6.79E-05				
71	862.00	5.01E-01	1.10E-01	9.53E-02	-7.11E-01	-3.59E-01	7.39E-01	1.04E+00	-4.31E-01	-37.30	5.01E-01	-7.11E-01	
	-18.00	1.16E-05	-3.42E-06	-4.37E-06	-5.47E-05	-3.07E-05	5.68E-05	3.24E-05	-2.42E-05				
72	1012.00	-1.46E-01	-3.65E-01	-4.00E-01	-8.02E-01	2.78E-02	6.08E-01	5.54E-01	-1.07E+00	-41.11	-1.46E-01	-8.02E-01	
	-18.00	4.40E-06	-4.03E-06	-5.38E-06	-6.17E-05	2.14E-06	4.68E-05	3.13E-05	-3.09E-05				
73	1387.00	-1.60E-01	-1.97E-01	-1.91E-01	-8.29E-01	-2.06E-02	4.08E-01	6.51E-01	-1.01E+00	-44.37	-1.60E-01	-8.29E-01	
	-303.00	-2.90E-07	-1.95E-06	-1.25E-06	-7.54E-05	-1.68E-06	3.71E-05	3.66E-05	-3.88E-05				
74	1387.00	-1.87E-02	-3.41E-02	-1.41E-01	-9.04E-01	-6.85E-02	4.35E-01	8.77E-01	-9.30E-01	-44.76	-1.87E-02	-9.04E-01	
	-213.00	1.67E-06	9.75E-07	-3.91E-06	-8.21E-05	-6.23E-06	3.95E-05	4.24E-05	-3.97E-05				
75	1387.00	7.18E-02	-1.00E-01	-3.35E-01	-6.74E-01	-1.84E-01	2.75E-01	6.65E-01	-6.94E-01	-41.36	7.18E-02	-6.74E-01	
	-138.00	3.54E-06	-3.72E-07	-5.71E-06	-3.06E-05	-8.36E-06	1.25E-05	1.70E-05	-1.35E-05				
76	1187.00	4.80E-01	3.32E-01	1.69E-01	-9.43E-01	-3.57E-01	-3.53E-02	1.36E+00	-5.36E-01	-42.62	4.89E-01	-9.43E-01	
	-68.00	7.92E-06	1.89E-06	-4.37E-06	-7.25E-05	-3.05E-05	-2.71E-06	4.13E-05	-3.15E-05				
77	1387.00	3.92E-01	2.05E-01	-6.98E-02	-5.73E-01	-2.88E-01	4.66E-01	8.79E-01	-2.81E-01	-40.37	2.05E-01	5.73E-01	
	-88.00	9.28E-06	2.10E-06	-8.48E-06	-4.40E-05	-2.22E-05	3.59E-05	2.80E-05	-1.66E-05				
78	1587.00	-6.56E-03	-7.22E-02	-3.01E-01	-6.54E-01	9.53E-03	6.44E-02	6.15E-01	-6.94E-01	-43.56	-3.21E-01	5.91E-01	
	-68.00	3.03E-06	1.40E-06	-7.41E-06	-5.03E-05	7.33E-07	4.95E-06	2.78E-05	-2.25E-05				
79	1237.00	5.09E-01	1.30E-01	-3.11E-03	-6.03E-01	-3.68E-01	3.21E-01	9.52E-01	-3.13E-01	-36.28	5.09E-01	-6.03E-01	
	-18.00	1.26E-05	-1.99E-06	-7.10E-06	-4.64E-05	-2.83E-05	2.47E-05	2.96E-05	-1.90E-05				
80	1433.80	3.00E-01	9.21E-02	-1.51E-01	-7.30E-01	-1.51E-01	2.41E-01	9.34E-01	-5.42E-01	-40.95	3.00E-01	-7.30E-01	
	-8.00	8.88E-06	8.93E-07	-8.45E-06	-5.62E-05	-1.16E-05	1.85E-05	3.33E-05	-2.35E-05				
81	1533.80	4.79E-01	1.17E-01	-6.87E-02	-4.46E-01	-8.56E-02	1.31E-01	7.80E-01	-1.83E-01	-33.94	1.17E-01	4.46E-01	
	-28.00	1.26E-05	-1.31E-06	-8.44E-06	-3.43E-05	-6.58E-06	1.00E-05	2.42E-05	-1.29E-05				
82	1633.80	4.50E-01	1.27E-01	-5.75E-02	-1.28E-01	3.83E-02	-2.09E-02	4.95E-01	8.27E-02	-19.14	8.29E-02	-1.05E-02	
	-8.00	1.16E-05	-8.29E-07	-7.92E-06	-9.82E-06	2.94E-06	-1.61E-06	1.33E-05	-2.53E-06				
83	1433.80	2.08E+00	8.65E-01	8.26E-01	-4.92E-01	-7.27E-01	2.11E-01	2.25E+00	6.91E-01	-19.52	8.65E-01	4.92E-01	
	27.60	3.86E-05	-8.16E-06	-9.68E-06	-3.79E-05	-5.59E-05	1.62E-05	4.53E-05	-1.49E-05				
84	1296.10	7.34E-01	5.79E-02	3.25E-03	-5.63E-01	-3.87E-01	3.53E-01	1.09E+00	-2.61E-01	-29.52	4.09E-01	6.56E-01	
	40.70	1.95E-05	-6.51E-06	-8.61E-06	-4.33E-05	-2.98E-05	2.72E-05	3.17E-05	-1.88E-05				
85	1148.60	3.55E-01	-1.15E-01	-1.16E-01	-6.90E-01	-4.04E-01	-7.24E-02	8.50E-01	-6.09E-01	-35.60	-4.81E-01	-4.12E-01	
	57.33	1.23E-05	-5.78E-06	-5.83E-06	-5.31E-05	-3.11E-05	-5.57E-06	3.13E-05	-2.48E-05				
86	1131.40	2.60E+00	1.29E+00	1.16E+00	-1.93E-01	-1.29E+00	-6.45E-03	2.63E+00	1.26E+00	-8.23	1.29E+00	1.93E-01	
	112.00	4.45E-05	-5.82E-06	-1.09E-05	-1.49E-05	-9.96E-05	-4.96E-07	4.56E-05	-6.90E-06				
87	1010.80	7.29E-01	-6.90E-02	2.49E-02	-7.63E-01	-5.46E-01	1.38E+00	1.19E+00	-5.32E-01	-31.21	-6.90E-02	7.63E-01	
	34.67	2.05E-05	-1.02E-05	-6.56E-06	-5.87E-05	-4.20E-05	1.06E-04	3.83E-05	-2.80E-05				
88	886.60	3.60E-01	-4.80E-02	-4.10E-02	-5.71E-01	-2.54E-01	7.00E-01	7.62E-01	-4.50E-01	-35.16	3.60E-01	-5.71E-01	
	46.00	1.09E-05	-4.83E-06	-4.56E-06	-4.39E-05	-1.95E-05	5.38E-05	2.63E-05	-2.03E-05				
89	869.80	1.99E+00	8.69E-01	9.21E-01	-2.25E-01	-6.76E-01	1.94E-01	2.03E+00	8.25E-01	-10.98	8.69E-01	2.25E-01	
	96.00	3.49E-05	-8.08E-06	-6.09E-06	-1.73E-05	-5.20E-05	1.49E-05	3.66E-05	-9.77E-06				
90	952.60	2.35E-01	-1.00E+00	-5.10E-01	-1.01E+00	-3.40E-01	7.02E-01	8.04E-01	-1.57E+00	-29.29	-1.34E+00	7.10E-01	
	128.00	2.31E-05	-2.46E-05	-5.56E-06	-7.80E-05	-2.62E-05	5.40E-05	4.50E-05	-4.65E-05				
91	869.80	5.61E-01	1.02E-01	1.04E-01	-3.85E-01	-3.65E-01	7.76E-02	7.80E-01	-1.17E-01	-29.59	5.61E-01	-3.85E-01	
	160.00	1.32E-05	-4.51E-06	-4.45E-06	-2.96E-05	-2.81E-05	5.97E-06	2.16E-05	-1.29E-05				
92	869.80	2.46E+00	7.59E-01	9.72E-01	-1.06E-01	-1.23E+00	2.45E-01	2.47E+00	7.53E-01	-3.54	7.59E-01	1.06E-01	
	203.60	4.86E-05	-1.69E-05	-8.70E-06	-8.14E-06	-9.46E-05	1.88E-05	4.89E-05	-1.71E-05				
93	598.67	1.32E-01	-2.07E-01	-4.00E-03	-1.12E+00	-8.33E-01	1.43E+00	1.10E+00	-1.17E+00	-40.71	-2.07E-01	1.12E+00	
	16.00	5.93E-06	-7.08E-06	7.16E-07	-8.64E-05	-6.41E-05	1.10E-04	4.31E-05	-4.42E-05				
94	645.75	2.88E-01	-1.84E-02	1.15E-01	-7.08E-01	-3.54E-01	6.59E-01	8.59E-01	-5.89E-01	-38.89	2.88E-01	-7.09E-01	
	24.00	6.86E-06	-4.93E-06	1.84E-07	-5.45E-05	-2.73E-05	5.07E-05	2.88E-05	-2.69E-05				
95	613.10	5.63E-01	6.46E-01	5.42E-01	-1.13E+00	-3.64E-01	3.38E-02	1.74E+00	-5.27E-01	-46.05	5.63E-01	-1.13E+00	
	69.33	2.41E-06	5.61E-06	1.60E-06	-8.70E-05	-2.80E-05	2.60E-06	4.75E-05	-3.95E-05				
96	708.45	5.32E-01	1.36E-02	1.38E-01	-5.68E-01	-3.61E-01	5.07E-01	8.98E-01	-3.51E-01	-32.73	3.89E-01	6.14E-01	
	56.00	1.30E-05	-7.00E-06	-2.20E-06	-4.37E-05	-2.78E-05	3.90E-05	2.70E-05	-2.10E-05				
97	613.10	1.68E+00	7.79E-01	8.85E-01	-2.88E-01	-1.12E+00	3.26E-01	1.76E+00	6.95E-01	-16.34	7.79E-01	2.88E-01	
	96.00	2.78E-05	-6.75E-06	-2.69E-06	-2.22E-05	-8.61E-05	2.51E-05	3.10E-05	-9.99E-06				
98	682.27	5.34E-01	1.79E-02	1.33E-01	-6.92E-01	-3.55E-01	4.99E-01	1.01E+00	-4.62E-01	-34.77	-4.24E-01	2.36E-01	
	112.00	1.30E-05	-6.84E-06	-2.42E-06	-5.32E-05	-2.76E-05	3.84E-05	3.15E-05	-2.53E-05				
99	751.43	1.38E+00	-8.51E-01	6.05E-02	-9.26E-01	-8.22E-01	1.27E+00	1.72E+00	-1.19E+00	-19.84	-8.51E-01	9.26E-01	
	96.00	4.66E-05	-3.92E-05	-4.16E-06	-7.13E-05	-6.32E-05	9.80E-05	5.95E-05	-5.21E-05				
100	683.2[illegible]	[illegible].43E-01	-3.16E-02	5.58E-02	-2.87E-01	-2.75E-01	[illegible]4E-01	5.78E-01	-1.67E-01	-25.20	4.43E-01	-2.87E-[illegible]	
	152.0[illegible]	[illegible]19E-05	-6.35E-06	-2.99E-06	-2.21E-05	-2.12E-05	[illegible]-05	1.71E-05	-1.15E-05				
101	64[illegible]	[illegible].38E+00	1.13E+00	1.25E+00	-1.08E-01	-7.04E-0[illegible]	[illegible]-01	2.39E+00	1.12E+00	-4.90	1.13E+00	1.[illegible]	

	192.[illegible]	3.93E-05	-6.87E-06	-4.25E-06	-8.32E-05	-5.42E-05	[illegible]3E-05	3.57E-05	-9.23E-06				
102	728.25	2.94E-01	-2.69E-01	-1.37E-01	-3.74E-01	-1.97E-01	[illegible].33E-01	4.91E-01	-4.56E-01	-26.55	-2.84E-02	4.67[illegible]	
	232.70	1.25E-05	-9.10E-06	-4.05E-06	-2.88E-05	-1.51E-05	2.56E-05	1.97E-05	-1.63E-05				
103	635.50	3.76E-01	4.33E-01	2.16E-01	3.71E-02	-1.55E-01	-1.17E-01	4.50E-01	3.58E-01	63.48	3.76E-01	3.71E-02	
	256.00	3.21E-06	5.36E-06	-2.95E-06	2.85E-06	-1.23E-05	-8.99E-06	6.07E-06	2.50E-06				
104	635.50	7.47E-01	5.18E-01	3.06E-01	8.32E-02	-4.96E-01	3.67E-02	7.74E-01	4.91E-01	17.98	5.18E-01	-8.32E-02	
	290.67	1.15E-05	2.66E-06	-5.50E-06	6.40E-06	-3.82E-05	2.82E-07	1.25E-05	1.62E-06				
105	569.00	-1.18E-01	-2.85E-01	-4.03E-02	-1.25E+00	-4.72E-01	1.20E+00	1.05E+00	-1.45E+00	-43.98	-1.18E-01	-1.25E+00	
	16.50	3.43E-07	-6.10E-06	3.32E-06	-9.59E-05	-3.63E-05	9.21E-05	4.52E-05	-5.09E-05				
106	508.50	-1.53E+00	-1.10E+00	-8.84E-01	-7.09E-01	-1.02E+00	3.55E-01	-5.75E-01	-2.06E+00	-53.50	-1.10E+00	7.09E-01	
	13.00	-2.03E-05	-3.64E-06	4.62E-06	-5.45E-05	-7.81E-05	2.73E-05	1.65E-05	-4.05E-05				
107	521.00	-5.49E-01	-4.33E-01	-1.57E-01	-1.14E+00	-3.73E-01	6.42E-01	6.49E-01	-1.63E+00	-46.45	-5.49E-01	-1.14E+00	
	15.75	-8.58E-06	-4.15E-06	6.47E-06	-8.76E-05	-2.87E-05	4.94E-05	3.75E-05	-5.02E-05				
108	526.25	-4.76E-01	-3.80E-01	-1.38E-01	-1.26E+00	-3.22E-01	6.70E-01	8.34E-01	-1.69E+00	-46.09	-4.76E-01	-1.26E+00	
	21.00	-7.40E-06	-3.69E-06	5.63E-06	-9.70E-05	-2.48E-05	5.15E-05	4.30E-05	-5.41E-05				
109	515.50	-8.89E-01	-6.75E-01	-5.19E-01	-1.48E+00	-7.35E-01	3.58E-01	7.03E-01	-2.27E+00	-47.05	-6.75E-01	1.48E+00	
	26.00	-1.13E-05	-3.10E-06	2.93E-06	-1.14E-04	-5.66E-05	2.76E-05	4.99E-05	-6.43E-05				
110	531.50	-1.61E-01	-2.54E-01	-2.40E-02	-1.05E+00	-2.37E-01	5.87E-01	8.43E-01	-1.26E+00	-43.73	-1.61E-01	-1.05E+00	
	34.50	-1.36E-06	-4.94E-06	3.89E-06	-8.07E-05	-1.82E-05	4.52E-05	3.72E-05	-4.35E-05				
111	515.50	1.01E+00	1.39E+00	1.14E+00	-2.89E+00	-1.93E-01	-2.20E-01	4.10E+00	-1.70E+00	-46.89	1.01E+00	-2.89E+00	
	44.00	-1.65E-07	1.45E-05	5.08E-06	-2.23E-04	-1.48E-05	-1.69E-05	1.19E-04	-1.04E-04				
112	515.50	7.40E-01	3.97E-01	5.24E-01	-6.88E-01	-4.39E-01	2.94E-01	1.28E+00	-1.40E-01	-37.99	3.97E-01	6.88E-01	
	53.33	1.02E-05	-3.00E-06	1.91E-06	-5.29E-05	-3.38E-05	2.26E-05	3.09E-05	-2.37E-05				
113	547.50	2.31E-01	-7.28E-01	-1.33E-01	-1.20E+00	-2.65E-01	1.26E+00	1.05E+00	-1.54E+00	-34.13	-1.09E+00	9.81E-01	
	64.00	1.58E-05	-2.11E-05	1.80E-06	-9.25E-05	-2.04E-05	9.69E-05	4.71E-05	-5.24E-05				
114	515.50	1.01E+00	1.00E+00	8.87E-01	-1.18E+00	-1.09E-01	2.39E-01	2.19E+00	-1.77E-01	-44.94	1.01E+00	-1.18E+00	
	74.67	6.93E-06	6.75E-06	2.25E-06	-9.10E-05	-8.40E-06	1.84E-05	5.24E-05	-3.87E-05				
115	515.50	2.39E+00	1.45E+00	1.59E+00	-4.52E-01	-3.06E-01	2.80E-01	2.57E+00	1.26E+00	-21.87	1.45E+00	4.52E-01	
	88.00	3.23E-05	-4.00E-06	1.49E-06	-3.47E-05	-2.36E-05	2.15E-05	3.93E-05	-1.10E-05				
116	547.50	1.07E+00	-2.32E-01	3.86E-01	-1.52E+00	-2.09E-01	8.66E-01	2.07E+00	-1.23E+00	-33.40	-8.69E-01	1.03E+00	
	104.00	2.77E-05	-2.23E-05	1.40E-06	-1.17E-04	-1.61E-05	6.66E-05	6.61E-05	-6.08E-05				
117	515.50	3.02E-01	1.39E-01	1.72E-01	-9.78E-01	-3.33E-02	4.31E-01	1.20E+00	-7.60E-01	-42.62	3.02E-01	-9.78E-01	
	120.00	4.88E-06	-1.39E-06	-1.21E-07	-7.52E-05	-2.56E-06	3.32E-05	3.95E-05	-3.60E-05				
118	515.50	1.64E+00	9.56E-01	1.02E+00	-3.81E-01	-1.31E-01	2.36E-01	1.81E+00	7.86E-01	-23.96	9.56E-01	3.81E-01	
	136.00	2.35E-05	-2.97E-06	-6.48E-07	-2.93E-05	-1.00E-05	1.81E-05	3.00E-05	-9.48E-06				
119	547.50	9.65E-01	1.26E-01	4.14E-01	-9.44E-01	-9.60E-02	3.92E-01	1.58E+00	-4.87E-01	-33.03	-2.69E-01	6.35E-01	
	152.00	2.06E-05	-1.17E-05	-6.10E-07	-7.26E-05	-7.38E-06	3.01E-05	4.42E-05	-3.53E-05				
120	515.50	4.56E-01	2.16E-01	1.89E-01	-5.93E-01	-2.59E-02	1.92E-01	9.41E-01	-2.69E-01	-39.28	4.56E-01	-5.93E-01	
	168.00	8.09E-06	-1.15E-06	-2.21E-06	-4.56E-05	-2.00E-06	1.48E-05	2.67E-05	-1.98E-05				
121	515.50	2.19E+00	1.31E+00	1.31E+00	-3.01E-01	-1.52E-01	1.75E-01	2.28E+00	1.22E+00	-17.23	1.31E+00	3.01E-01	
	184.00	3.12E-05	-2.47E-06	-2.35E-06	-2.31E-05	-1.17E-05	1.34E-05	3.48E-05	-6.06E-06				
122	547.50	5.17E-01	-6.35E-01	-1.28E-01	-1.13E+00	-8.04E-02	6.62E-01	1.21E+00	-1.33E+00	-31.51	-1.10E+00	7.27E-01	
	200.00	2.26E-05	-2.17E-05	-2.21E-06	-8.70E-05	-6.19E-06	5.09E-05	4.92E-05	-4.84E-05				
123	515.50	-4.10E-01	-7.68E-01	-6.21E-01	-4.35E-01	7.75E-02	3.01E-01	-1.18E-01	-1.06E+00	-33.80	-4.10E-01	-4.35E-01	
	216.00	4.01E-06	-9.79E-06	-4.11E-06	-3.35E-05	5.96E-06	2.31E-05	1.52E-05	-2.10E-05				
124	515.50	7.61E-01	4.01E-01	3.33E-01	-1.35E-01	1.19E-01	1.17E-01	8.06E-01	3.56E-01	-18.39	4.01E-01	1.35E-01	
	232.00	1.29E-05	-1.00E-06	-3.63E-06	-1.04E-05	9.12E-06	8.96E-06	1.46E-05	-2.73E-06				
125	547.50	2.83E-01	4.30E-02	5.95E-03	-2.78E-01	7.92E-02	3.82E-01	4.66E-01	-1.40E-01	-33.32	-7.38E-02	1.89E-01	
	248.00	7.24E-06	-2.00E-06	-3.42E-06	-2.14E-05	6.09E-06	2.54E-05	1.43E-05	-9.03E-06				
126	515.50	-6.98E-01	-1.09E+00	-8.91E-01	1.05E-01	1.78E-01	4.32E-01	-6.72E-01	-1.11E+00	14.19	-6.98E-01	1.05E-01	
	264.00	2.55E-06	-1.24E-05	-4.86E-06	8.07E-06	1.37E-05	3.32E-05	3.57E-06	-1.34E-05				
127	515.50	3.85E-01	2.09E-01	1.33E-01	-7.42E-02	3.89E-01	6.72E-02	4.12E-01	1.82E-01	-20.04	2.09E-01	7.42E-02	
	276.00	6.82E-06	4.22E-08	-2.87E-06	-5.70E-06	2.99E-05	5.17E-06	7.86E-06	-9.98E-07				
128	531.50	-2.06E-01	-1.29E-01	-2.81E-01	-3.32E-02	1.63E-01	3.50E-02	-1.17E-01	-2.18E-01	-69.52	-2.06E-01	-3.32E-02	
	297.00	-1.15E-06	1.79E-06	-4.02E-06	-2.55E-06	1.25E-05	2.69E-06	2.27E-06	-1.63E-06				
129	515.50	-1.22E+00	-1.18E+00	-1.13E+00	1.92E-01	1.75E-01	2.76E-01	-1.01E+00	-1.39E+00	47.89	-1.22E+00	1.92E-01	
	320.00	-8.10E-06	-6.60E-06	-4.68E-06	1.48E-05	1.35E-05	2.12E-05	9.10E-08	-1.48E-05				
183	565.50	4.10E-02	-3.19E-01	7.55E-02	-1.83E+00	-6.17E-01	1.44E+00	1.70E+00	-1.98E+00	-42.19	4.10E-02	-1.83E+00	
	-8.00	3.81E-06	-1.01E-05	5.13E-06	-1.41E-04	-4.75E-05	1.11E-04	6.75E-05	-7.38E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .1400E+01

3704

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.8027E+00	.9930E+01	-.1574E+03	-.2125E+02	-.5749E+02	.3709E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3193E+01	-.1725E+01	-.1044E+01	-.1503E+02	.1511E+02	.1717E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3621E+01	.6863E+00	-.5600E+00	-.2309E+02	.3559E+02	.3041E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4951E+01	-.1080E+01	-.2229E+00	-.3210E+02	.5467E+02	.4455E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5888E+01	.9458E+00	-.2268E+00	-.4184E+02	.7407E+02	.5971E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1098E+01	.2330E+00	-.3970E+00	-.5864E+02	.9279E+02	.7778E+02
25	-.9803E+01	-.1617E+01	-.1543E+00	-.7449E+02	.1020E+03	.9532E+02
26	.1600E+02	.2410E+01	-.2061E+00	-.7952E+02	.1078E+03	.1082E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4043E+02	.8782E+01	-.2104E+01	-.7990E+02	.1470E+03	.1185E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1112E+04	-.1809E+03	-.5020E+00	-.1182E+03	.3811E+03	.1883E+03
40	-.6853E+03	-.9665E+02	-.9505E+01	-.1084E+03	.3767E+03	.1724E+03
41	-.3508E+03	-.3737E+02	-.1391E+02	-.9122E+02	.3419E+03	.1495E+03
42	-.5256E+02	.2920E+01	-.9453E+01	-.7905E+02	.2454E+03	.1302E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.4252E+03	.4519E+02	.1809E+01	-.5730E+01	.3977E+03	-.1003E+03
48	.3563E+03	.4022E+02	.2183E+01	-.5443E+02	.3648E+03	-.7200E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1153E+04	.1764E+03	.5277E+01	-.4078E+02	.2626E+03	-.2961E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1727E+01	-.1303E+02	-.2639E+00	-.1694E+01	.3914E+03	-.9410E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000[illegible]	.0000E+00	.0000E+00
[illegible]	.7933E+03	.1209E+03	.5285E+01	-.[illegible]	.2136E+03	-.2782E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.5598E+03	.8575E+02	.7137E+01	-.4484E+02	.2038E+03	-.2705E+03
66	.2005E+03	.3161E+02	.9053E+01	-.4615E+02	.1756E+03	-.2812E+03
67	-.3560E+03	-.5234E+02	.9175E+01	-.4565E+02	.1480E+03	-.2804E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.6371E+03	-.9427E+02	.7987E+01	-.7731E+02	.1265E+03	-.2844E+03
76	.6450E+02	.1102E+02	.5694E+01	-.9066E+02	.9401E+02	-.2893E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2719E+03	-.4016E+02	.4351E+01	-.9460E+02	.5044E+02	-.2790E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1094E+03	.1679E+02	.3286E+01	-.1124E+03	.2159E+02	-.2729E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1620E+03	-.2433E+02	.2944E+01	-.9405E+02	-.1759E+02	-.2524E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.9315E+02	.1368E+02	.2446E+01	-.8402E+02	-.4295E+02	-.2306E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1104E+03	-.1717E+02	.2505E+01	-.8102E+02	-.7549E+02	-.2078E+03
109	.6250E+02	.8521E+01	.2285E+01	-.7798E+02	-.9984E+02	-.1798E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.9492E+02	-.1539E+02	.2257E+01	-.5213E+02	-.1257E+03	-.1498E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7735E+02	-.1292E+02	.7439E+00	-.3464E+02	-.1407E+03	-.1188E+03
115	.1937E+01	-.1132E+01	.3261E+00	-.1593E+02	-.1442E+03	-.8543E+02
116	-.7006E+02	-.1218E+02	-.7929E-01	-.3575E+01	-.1563E+03	-.6476E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.5333E+02	-.9777E+01	-.6639E+00	-.1799E+02	-.1639E+03	-.5744E+02
119	-.2616E+02	-.5612E+01	-.1077E+01	.1471E+02	-.1508E+03	-.3328E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.9336E+02	-.1286E+02	-.5857E+01	.1793E+02	-.1361E+03	-.1765E+02
122	-.8167E+02	-.7540E+01	-.1044E+02	-.6118E+01	-.1330E+03	-.1805E+02
123	-.6351E+02	-.5319E+01	-.9098E+01	-.4774E+01	-.1169E+03	-.1643E+02
124	-.4799E+02	-.3924E+01	-.6254E+01	-.3820E+01	-.9698E+02	-.1511E+02
125	-.3291E+02	-.2297E+01	-.4571E+01	-.3020E+01	-.8089E+02	-.1385E+02
126	-.1266E+02	.9931E+00	-.4282E+01	-.2012E+01	-.6913E+02	-.1251E+02

127	.2672E+01	.3606E+01	-.4412E+01	-.1276E+01	-.6016E+02	-.1075E+02
128	.1973E+02	.5862E+01	-.4319E+01	.4081E+00	-.4133E+02	-.8749E+01
129	.1987E+02	.5251E+01	-.3736E+01	.1278E+01	-.2568E+02	-.6916E+01
130	.1434E+02	.3319E+01	-.2854E+01	.1586E+01	-.1371E+02	-.5538E+01
131	.3945E+01	.6211E+00	-.2017E+01	.1463E+01	-.6532E+01	-.4599E+01
132	-.4477E+00	-.2781E+00	-.1503E+01	.8476E+00	-.5892E+01	-.3862E+01
133	-.6727E+00	-.2198E+00	-.1362E+01	.5197E+00	-.5821E+01	-.3219E+01
134	-.2002E+00	-.7396E-01	-.1346E+01	.3956E+00	-.4750E+01	-.2519E+01
135	-.2449E-01	-.1159E-01	-.1513E+01	.3165E+00	-.3367E+01	-.1857E+01
136	.1498E-01	-.9285E-02	-.2003E+01	.2397E+00	-.2188E+01	-.1243E+01
137	.2507E-01	.7854E-02	-.3081E+01	.2198E+00	-.1000E+01	-.6835E+00
138	.9789E-02	-.5683E-01	-.4508E+02	.2177E+00	.2851E+00	-.3599E+00
139	-.4439E-01	-.7200E-01	-.1867E+01	.2744E-01	-.1568E+00	.1710E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.20716E-01	.11300E-03	-.20728E-01	.00000E+00
3	.37851E-01	.38709E-03	-.37867E-01	.00000E+00
4	.41099E-01	.38746E-03	-.41042E-01	.00000E+00
5	.44434E-01	.21908E-04	-.44451E-01	.00000E+00
6	.50336E-01	-.84535E-05	-.50330E-01	.80300E-05
7	.46133E-01	.73190E-03	-.46726E-01	.00000E+00
8	.50478E-01	.55491E-03	-.50636E-01	.15103E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.20549E-01	.21293E-03	-.20737E-01	.00000E+00
11	.38110E-01	.45339E-03	-.38631E-01	.00000E+00
12	.42552E-01	.51202E-03	-.43165E-01	.00000E+00
13	.46125E-01	.39930E-03	-.46417E-01	.00000E+00
14	.50783E-01	.53029E-03	-.51447E-01	.40659E-05
15	.46776E-01	.10218E-02	-.48703E-01	.00000E+00
16	.51237E-01	.84905E-03	-.52779E-01	-.24333E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.20769E-01	.28998E-03	-.21546E-01	.00000E+00
19	.38866E-01	.54602E-03	-.40500E-01	.00000E+00
20	.43532E-01	.67762E-03	-.45462E-01	.00000E+00
21	.47264E-01	.42066E-03	-.49014E-01	.00000E+00
22	.51863E-01	.48288E-03	-.54641E-01	.11126E-05
23	.48570E-01	.14718E-02	-.52925E-01	.00000E+00
24	.52638E-01	.12397E-02	-.57087E-01	.15913E-04
25	.53179E-01	.16239E-02	-.58670E-01	-.43681E-06
26	.53494E-01	.15201E-02	-.59608E-01	-.67802E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.20861E-01	.55431E-03	-.22200E-01	.00000E+00
29	.39830E-01	.10269E-02	-.42325E-01	.00000E+00
30	.44553E-01	.11648E-02	-.48137E-01	.00000E+00
31	.48939E-01	.14520E-02	-.53631E-01	.00000E+00
32	.53829E-01	.17294E-02	-.60649E-01	.43963E-04
33	.49832E-01	.22160E-02	-.53621E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.20746E-01	.84642E-03	-.22216E-01	.00000E+00
36	.40194E-01	.12730E-02	-.42710E-01	.00000E+00
37	.45079E-01	.14102E-02	-.47924E-01	.00000E+00
38	.50316E-01	.17551E-02	-.55593E-01	.00000E+00
39	.54429E-01	.24295E-02	-.62426E-01	-.32129E-04
40	.54325E-01	.26188E-02	-.62013E-01	-.38558E-05
41	.54226E-01	.25453E-02	-.61629E-01	.15968E-04
42	.54068E-01	.22320E-02	-.61195E-01	.35259E-04
43	.44754E-01	.18732E-02	-.46805E-01	.00000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	.19405E-01	-.22225E-03	-.20209E-01	.00000E+00
[illegible]	.40229E-01	.10152E-02	-.40850E-01	.00000E+00

	.54478E-01	.21742E-02	-.62580E-01	.28115E-04
	.54464E-01	.22173E-02	-.62563E-01	.43266E-04
49	.50264E-01	.18163E-02	-.55111E-01	.00000E+00
50	.54987E-01	.22254E-02	-.62600E-01	-.12509E-03
51	.50852E-01	.20556E-02	-.53777E-01	.00000E+00
52	.56987E-01	.20299E-02	-.58996E-01	.00000E+00
53	.54516E-01	.20163E-02	-.62646E-01	-.57198E-05
54	.44650E-01	.10871E-02	-.43552E-01	.00000E+00
55	.50113E-01	.17198E-02	-.48109E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.16774E-01	.17150E-02	-.14757E-01	.00000E+00
58	.36040E-01	.99686E-03	-.28337E-01	.00000E+00
59	.58145E-01	.14312E-02	-.55780E-01	.00000E+00
60	.57161E-01	.18936E-02	-.57297E-01	.00000E+00
61	.55469E-01	.22993E-02	-.62955E-01	-.19228E-03
62	.42335E-01	.52693E-03	-.34253E-01	.00000E+00
63	.48747E-01	.37527E-03	-.41426E-01	.00000E+00
64	.58159E-01	.19595E-02	-.59815E-01	.00000E+00
65	.56120E-01	.23037E-02	-.63099E-01	-.23869E-03
66	.57730E-01	.23092E-02	-.63389E-01	-.28959E-03
67	.59465E-01	.23097E-02	-.63705E-01	-.27586E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.13219E-01	-.25275E-03	-.88652E-02	.00000E+00
70	.38134E-01	.46601E-04	-.28590E-01	.00000E+00
71	.56715E-01	.19430E-03	-.47629E-01	.00000E+00
72	.59756E-01	.17367E-02	-.59939E-01	.00000E+00
73	.46950E-01	.10813E-03	-.32788E-01	.00000E+00
74	.63406E-01	.17947E-02	-.62622E-01	.00000E+00
75	.60941E-01	.23110E-02	-.63983E-01	-.20969E-03
76	.62920E-01	.23664E-02	-.64526E-01	-.14647E-03
77	.54018E-01	-.35658E-03	-.39891E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.15818E-01	.49336E-03	-.11655E-01	.00000E+00
80	.36470E-01	-.47980E-03	-.25202E-01	.00000E+00
81	.40347E-01	-.57848E-03	-.27476E-01	.00000E+00
82	.45185E-01	-.86293E-03	-.32898E-01	.00000E+00
83	.63268E-01	-.64977E-04	-.52873E-01	.00000E+00
84	.59571E-01	-.68322E-03	-.44490E-01	.00000E+00
85	.65162E-01	.23917E-02	-.65198E-01	-.11700E-03
86	.65730E-01	.18429E-02	-.64484E-01	.00000E+00
87	.54414E-01	-.62882E-03	-.37764E-01	.00000E+00
88	.65843E-01	.12960E-02	-.59332E-01	.00000E+00
89	.66700E-01	.24574E-02	-.65867E-01	-.94002E-04
90	.41892E-01	-.31791E-03	-.20386E-01	.00000E+00
91	.44916E-01	-.61011E-03	-.22506E-01	.00000E+00
92	.48129E-01	.28512E-04	-.24003E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.18140E-01	.00000E+00	-.86673E-02	.00000E+00
95	.33306E-01	.00000E+00	-.15394E-01	.00000E+00
96	.38116E-01	.00000E+00	-.17645E-01	.00000E+00
97	.39801E-01	.00000E+00	-.17421E-01	.00000E+00
98	.39122E-01	.00000E+00	-.16937E-01	.00000E+00
99	.42732E-01	.12071E-03	-.18666E-01	.00000E+00
100	.52736E-01	.16652E-04	-.28691E-01	.00000E+00
101	.63436E-01	.47514E-03	-.44663E-01	.00000E+00
102	.69084E-01	.25308E-02	-.66816E-01	-.84539E-04
103	.66316E-01	.39344E-03	-.54323E-01	.00000E+00
104	.70089E-01	.22156E-02	-.66805E-01	.00000E+00
105	.70744E-01	.25763E-02	-.67643E-01	-.72944E-04
106	.69323E-01	.46133E-03	-.59607E-01	.00000E+00
107	.72925E-01	.23513E-02	-.67901E-01	.00000E+00
108	.72655E-01	.26173E-02	-.68409E-01	-.69667E-04
109	.74032E-01	.26483E-02	-.69048E-01	-.59030E-04
110	.73215E-01	.25114E-02	-.62944E-01	.00000E+00

111	.75814E-01	.25959E-02	-.69803E-01	.00000E+00
112	.75427E-01	.26115E-02	-.69555E-01	-.52833E-04
113	.75229E-01	.20542E-02	-.65684E-01	.00000E+00
114	.76357E-01	.26387E-02	-.69992E-01	-.20021E-04
115	.76634E-01	.26278E-02	-.70274E-01	-.52859E-05
116	.76639E-01	.25530E-02	-.70407E-01	.63032E-05
117	.76265E-01	.30502E-02	-.71241E-01	.00000E+00
118	.76511E-01	.25371E-02	-.70462E-01	.15008E-04
119	.76092E-01	.24398E-02	-.70501E-01	.26501E-04
120	.76946E-01	.26973E-02	-.71300E-01	.00000E+00
121	.75254E-01	.24158E-02	-.70449E-01	.46101E-04
122	.75160E-01	.20309E-02	-.70535E-01	.55574E-04
123	.75019E-01	.16712E-02	-.70600E-01	.63019E-04
124	.74857E-01	.12633E-02	-.70666E-01	.71535E-04
125	.74641E-01	.79956E-03	-.70732E-01	.81586E-04
126	.74219E-01	-.90371E-04	-.70842E-01	.93097E-04
127	.73767E-01	-.10402E-02	-.70947E-01	.94411E-04
128	.72909E-01	-.29647E-02	-.71163E-01	.76472E-04
129	.72326E-01	-.43604E-02	-.71361E-01	.49580E-04
130	.71998E-01	-.52248E-02	-.71575E-01	.18316E-04
131	.72041E-01	-.51651E-02	-.71902E-01	-.15034E-04
132	.72344E-01	-.42212E-02	-.72190E-01	-.23625E-04
133	.72611E-01	-.32928E-02	-.72443E-01	-.19293E-04
134	.72778E-01	-.25134E-02	-.72647E-01	-.14928E-04
135	.72889E-01	-.19010E-02	-.72813E-01	-.13361E-04
136	.72969E-01	-.13083E-02	-.72933E-01	-.13537E-04
137	.73015E-01	-.72898E-03	-.73005E-01	-.13374E-04
138	.73047E-01	-.11089E-03	-.73047E-01	-.14125E-04
139	.73047E-01	-.13679E-04	-.73047E-01	-.13725E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.07E-02	6.34E-02	8.31E-03	2.53E+00	7.28E-03	-2.55E+00	2.56E+00	-2.49E+00	45.30	1.07E-02	2.53E+00
	-303.00	-5.82E-07	1.81E-06	-6.93E-07	2.30E-04	6.62E-07	-2.31E-04	1.15E-04	-1.14E-04			
2	72.00	3.43E-02	9.02E-02	-2.89E-02	2.13E+00	-1.44E-03	-2.19E+00	2.19E+00	-2.06E+00	45.38	3.43E-02	2.13E+00
	-213.00	3.17E-07	2.86E-06	-2.55E-06	1.93E-04	-1.31E-07	-1.99E-04	9.83E-05	-9.51E-05			
3	72.00	3.47E-01	1.06E-01	-8.10E-02	1.42E+00	-1.37E-01	-1.55E+00	1.66E+00	-1.20E+00	42.58	3.47E-01	1.42E+00
	-138.00	5.95E-06	4.50E-07	-3.79E-06	6.48E-05	-6.23E-06	-7.03E-05	3.57E-05	-2.93E-05			
4	24.00	1.64E+00	8.67E-01	1.09E+00	2.66E+00	-4.41E-01	-2.92E+00	3.95E+00	-1.44E+00	40.86	1.64E+00	2.66E+00
	-68.00	2.36E-05	-6.20E-06	2.37E-06	2.05E-04	-3.40E-05	-2.24E-04	1.12E-04	-9.48E-05			
5	72.00	-5.22E-01	-2.58E-01	-6.22E-01	1.17E+00	4.88E-02	-1.25E+00	7.85E-01	-1.56E+00	48.24	-2.58E-01	-1.17E+00
	-88.00	-4.69E-06	5.50E-06	-8.51E-06	8.98E-05	3.75E-06	-9.61E-05	4.56E-05	-4.48E-05			
6	120.00	-2.79E-01	-2.79E-01	-4.09E-01	2.26E+00	1.22E-01	-2.24E+00	1.98E+00	-2.54E+00	45.00	1.95E+00	-4.08E-01
	-68.00	-1.14E-07	-9.27E-08	-5.11E-06	1.74E-04	9.39E-06	-1.72E-04	8.70E-05	-8.72E-05			
7	36.25	6.32E-01	2.49E-01	1.61E-01	1.26E+00	-1.66E-01	-1.21E+00	1.72E+00	-8.37E-01	40.70	5.88E-01	1.27E+00
	-19.00	1.28E-05	-1.86E-06	-5.25E-06	9.71E-05	-1.27E-05	-9.32E-05	5.46E-05	-4.36E-05			
8	108.00	-6.52E-02	-1.29E-01	-2.22E-01	9.77E-01	6.01E-03	-1.07E+00	8.80E-01	-1.07E+00	44.06	-6.52E-02	9.77E-01
	-19.00	2.06E-06	-3.97E-07	-3.95E-06	7.51E-05	4.63E-07	-8.22E-05	3.84E-05	-3.68E-05			
9	216.00	1.24E-01	1.69E-01	8.28E-02	2.53E+00	-1.86E-02	-2.59E+00	2.67E+00	-2.38E+00	45.25	1.24E-01	2.53E+00
	-303.00	7.64E-07	2.79E-06	-1.12E-06	2.30E-04	-1.69E-06	-2.35E-04	1.17E-04	-1.13E-04			
10	216.00	1.86E-01	1.72E-01	3.22E-02	2.19E+00	-6.26E-02	-2.27E+00	2.36E+00	-2.01E+00	44.91	1.86E-01	2.19E+00
	-213.00	3.39E-06	2.76E-06	-3.61E-06	1.99E-04	-5.69E-06	-2.06E-04	1.02E-04	-9.63E-05			
11	216.00	3.37E-01	1.42E-01	-1.67E-01	1.69E+00	-1.99E-01	-1.80E+00	1.93E+00	-1.45E+00	43.34	3.37E-01	1.69E+00
	-138.00	6.03E-06	1.59E-06	-5.44E-06	7.68E-05	-9.03E-06	-8.17E-05	4.23E-05	-3.47E-05			
12	168.00	7.62E-01	6.50E-01	4.32E-01	2.58E+00	-3.65E-01	-2.65E+00	3.28E+00	-1.87E+00	44.38	7.62E-01	2.58E+00
	-68.00	9.04E-06	4.74E-06	-3.65E-06	1.98E-04	-2.81E-05	-2.04E-04	1.06E-04	-9.22E-05			
13	216.0[illegible]	[illegible]7.12E-01	-2.57E-01	-7.13E-01	1.05E+00	-6.01E-03	-1.09E+00	5.93E-01	-1.56E+00	51.10	-2.57E-01	-1.05E+00
	-88.[illegible]	[illegible]8.91E-06	8.61E-06	-8.93E-06	8.10E-05	-4.62E-07	[illegible]2E-05	4.13E-05	-4.16E-05			
14	264[illegible]	[illegible]1.46E-03	-2.49E-01	-3.65E-01	2.21E+00	3.88E-02	[illegible]7E+00	2.09E+00	-2.34E+00	43.38	2.03E+00	-5.[illegible]

	-68.00	2.78E-06	-2.83E-06	-7.31E-06	1.70E-04	2.59E-06	[illegible]-04	8.72E-05	-8.32E-05				
15	180.00	2.59E-01	5.04E-02	-9.58E-02	1.11E+00	-2.47E-01	[illegible]E+00	1.27E+00	-9.57E-01	42.30	2.59E-01	1.11E[illegible]	
	-19.00	7.67E-06	-3.69E-07	-6.15E-06	3.52E-05	-1.50E-05	-6.24E-05	4.64E-05	-3.91E-05				
16	252.00	1.41E-01	-6.52E-02	-2.66E-01	9.28E-01	-9.31E-02	-1.12E+00	9.63E-01	-9.07E-01	41.53	1.41E-01	9.28E-01	
	-19.00	7.74E-06	-9.62E-07	-7.93E-06	7.14E-05	-7.14E-06	-8.64E-05	3.94E-05	-3.26E-05				
17	361.00	1.63E-01	2.59E-01	1.24E-01	2.55E+00	-8.52E-03	-2.68E+00	2.77E+00	-2.34E+00	45.54	1.63E-01	2.55E+00	
	-303.00	3.17E-07	4.69E-06	-1.47E-06	2.32E-04	-7.75E-07	-2.44E-04	1.19E-04	-1.14E-04				
18	361.00	2.27E-01	2.36E-01	5.19E-02	2.29E+00	-4.59E-02	-2.41E+00	2.52E+00	-2.06E+00	45.06	2.27E-01	2.29E+00	
	-213.00	3.62E-06	4.05E-06	-4.32E-06	2.08E-04	-4.17E-06	-2.19E-04	1.08E-04	-1.00E-04				
19	361.00	3.77E-01	1.77E-01	-2.16E-01	1.79E+00	-1.92E-01	-2.03E+00	2.07E+00	-1.52E+00	43.40	3.77E-01	1.79E+00	
	-138.00	6.90E-06	2.25E-06	-6.68E-06	8.16E-05	-8.73E-06	-9.22E-05	4.54E-05	-3.63E-05				
20	312.00	1.34E+00	9.86E-01	7.04E-01	2.90E+00	-6.26E-01	-3.18E+00	4.07E+00	-1.74E+00	43.27	1.34E+00	2.90E+00	
	-68.00	1.81E-05	4.67E-06	-6.19E-06	2.23E-04	-4.81E-05	-2.45E-04	1.23E-04	-1.00E-04				
21	360.67	-1.17E+00	-6.16E-01	-1.08E+00	1.36E+00	7.91E-02	-1.60E+00	4.98E-01	-2.28E+00	50.74	-6.16E-01	-1.36E+00	
	-88.00	-1.38E-05	7.75E-06	-9.94E-06	1.05E-04	6.09E-06	-1.23E-04	5.06E-05	-5.63E-05				
22	409.33	6.97E-01	9.50E-01	3.40E-01	2.77E+00	-1.01E-02	-3.45E+00	3.59E+00	-1.95E+00	46.31	3.56E+00	-4.49E-01	
	-68.00	4.98E-06	1.47E-05	-8.76E-06	2.13E-04	-7.76E-07	-2.66E-04	1.16E-04	-9.67E-05				
23	324.00	5.16E-01	1.02E-01	-1.27E-01	1.13E+00	-4.40E-01	-1.13E+00	1.46E+00	-8.44E-01	39.83	5.16E-01	1.13E+00	
	-19.00	1.45E-05	-1.46E-06	-1.03E-05	8.73E-05	-3.39E-05	-8.72E-05	5.09E-05	-3.75E-05				
24	372.00	2.85E-01	-2.46E-01	-4.11E-01	3.00E+00	-4.19E-01	-3.20E+00	3.03E+00	-2.99E+00	42.47	2.85E-01	3.00E+00	
	-9.33	1.50E-05	-5.38E-06	-1.17E-05	2.30E-04	-3.22E-05	-2.47E-04	1.20E-04	-1.11E-04				
25	401.25	1.52E-01	-2.60E-02	-4.18E-01	9.82E-01	-1.39E-01	-1.32E+00	1.05E+00	-9.23E-01	42.41	-7.78E-01	5.16E-01	
	-19.00	9.06E-06	2.21E-06	-1.29E-05	7.56E-05	-1.07E-05	-1.01E-04	4.36E-05	-3.23E-05				
26	427.67	1.36E+00	1.18E+00	6.20E-01	3.36E+00	-5.70E-01	-4.53E+00	4.63E+00	-2.08E+00	44.23	3.33E+00	2.65E+00	
	-9.33	1.76E-05	1.07E-05	-1.10E-05	2.58E-04	-4.38E-05	-3.48E-04	1.43E-04	-1.15E-04				
27	457.00	1.92E-01	3.91E-01	1.86E-01	2.58E+00	1.50E-02	-2.72E+00	2.87E+00	-2.29E+00	46.10	1.92E-01	2.58E+00	
	-303.00	-1.26E-06	7.78E-06	-1.54E-06	2.34E-04	1.36E-06	-2.48E-04	1.21E-04	-1.14E-04				
28	457.00	2.02E-01	2.55E-01	5.10E-02	2.41E+00	-8.21E-04	-2.50E+00	2.64E+00	-2.18E+00	45.31	2.02E-01	2.41E+00	
	-213.00	2.59E-06	5.00E-06	-4.28E-06	2.19E-04	-7.47E-08	-2.28E-04	1.13E-04	-1.06E-04				
29	457.00	6.05E-01	2.85E-01	-9.10E-02	1.88E+00	9.68E-02	-2.08E+00	2.33E+00	-1.44E+00	42.57	6.05E-01	1.88E+00	
	-138.00	9.56E-06	2.29E-06	-6.26E-06	8.55E-05	4.40E-06	-9.45E-05	4.88E-05	-3.70E-05				
30	442.00	6.39E-01	1.46E+00	5.44E-01	3.24E+00	1.11E-01	-3.60E+00	4.32E+00	-2.22E+00	48.61	6.39E-01	3.24E+00	
	-68.00	-4.47E-06	2.71E-05	-8.11E-06	2.49E-04	8.50E-06	-2.77E-04	1.37E-04	-1.14E-04				
31	457.33	-3.85E+00	-1.80E+00	-2.48E+00	1.14E+00	1.81E+00	-1.92E+00	-1.29E+00	-4.36E+00	65.96	-1.80E+00	-1.14E+00	
	-88.00	-5.87E-05	2.03E-05	-6.22E-06	8.80E-05	1.39E-04	-1.48E-04	3.99E-05	-7.83E-05				
32	472.67	6.25E+00	5.14E+00	4.33E+00	2.81E+00	-1.09E+00	-4.60E+00	8.56E+00	2.83E+00	39.43	7.93E+00	1.79E+00	
	-68.00	6.75E-05	2.49E-05	-6.02E-06	2.16E-04	-8.36E-05	-3.54E-04	1.56E-04	-6.40E-05				
33	443.00	5.86E-01	4.40E-01	-7.09E-02	1.65E+00	-1.92E-01	-1.76E+00	2.16E+00	-1.14E+00	43.73	5.86E-01	1.65E+00	
	-19.50	1.20E-05	6.43E-06	-1.32E-05	1.27E-04	-1.47E-05	-1.35E-04	7.26E-05	-5.42E-05				
34	454.00	4.99E+00	3.68E+00	3.08E+00	4.22E+00	-1.28E+00	-5.74E+00	8.61E+00	6.07E-02	40.61	6.66E+00	3.59E+00	
	-11.33	6.26E-05	1.25E-05	-1.05E-05	3.25E-04	-9.84E-05	-4.42E-04	2.02E-04	-1.27E-04				
35	461.67	1.19E+00	1.46E+00	6.82E-01	4.01E+00	-3.19E-01	-5.94E+00	5.33E+00	-2.68E+00	45.99	1.19E+00	4.01E+00	
	-12.00	9.02E-06	1.97E-05	-1.04E-05	3.08E-04	-2.46E-05	-4.57E-04	1.69E-04	-1.40E-04				
36	469.00	-3.03E+00	-1.17E+00	-2.09E+00	3.93E-01	1.61E+00	-2.37E+00	-1.09E+00	-3.11E+00	78.52	-1.17E+00	-3.93E-01	
	-30.00	-4.73E-05	2.40E-05	-1.13E-05	3.02E-05	1.24E-04	-1.82E-04	2.71E-05	-5.04E-05				
37	476.33	2.29E+00	3.11E+00	1.76E+00	2.72E+00	-3.45E-01	-4.88E+00	5.45E+00	-5.30E-02	49.29	3.39E+00	2.67E+00	
	-12.00	9.42E-06	4.10E-05	-1.11E-05	2.09E-04	-2.65E-05	-3.76E-04	1.31E-04	-8.07E-05				
38	558.50	-1.53E-01	1.05E-02	-8.73E-02	2.42E+00	8.11E-02	-2.60E+00	2.35E+00	-2.49E+00	45.97	-1.53E-01	2.42E+00	
	-303.00	-3.98E-06	3.47E-06	-9.78E-07	2.20E-04	7.37E-06	-2.36E-04	1.10E-04	-1.10E-04				
39	558.50	6.54E-02	3.62E-01	9.74E-02	2.41E+00	1.62E-01	-2.53E+00	2.63E+00	-2.20E+00	46.76	6.54E-02	2.41E+00	
	-213.00	-3.84E-06	9.63E-06	-2.39E-06	2.19E-04	1.47E-05	-2.30E-04	1.13E-04	-1.07E-04				
40	506.17	-3.13E-03	8.21E-01	-4.01E-02	5.40E+00	4.23E-01	-5.38E+00	5.82E+00	-5.00E+00	47.18	-3.13E-03	5.40E+00	
	-128.00	-4.15E-06	1.46E-05	-4.99E-06	2.45E-04	1.92E-05	-2.45E-04	1.28E-04	-1.16E-04				
41	558.50	-1.56E+00	5.48E-01	-3.68E-01	2.33E+00	1.38E+00	-3.32E+00	2.05E+00	-3.06E+00	57.20	5.48E-01	-2.33E+00	
	-148.00	-2.82E-05	1.97E-05	-1.11E-06	1.06E-04	6.27E-05	-1.51E-04	5.38E-05	-6.23E-05				
42	610.83	3.01E-01	9.39E-01	3.14E-01	4.68E+00	9.34E-01	-4.20E+00	5.31E+00	-4.07E+00	46.95	5.22E+00	-9.21E-01	
	-128.00	-1.31E-06	1.32E-05	-1.02E-06	2.13E-04	4.25E-05	-1.91E-04	1.13E-04	-1.01E-04				
43	501.38	-4.19E-01	-1.03E-01	-4.82E-01	1.22E+00	4.89E-01	-1.54E+00	9.72E-01	-1.49E+00	48.68	-4.19E-01	1.22E+00	
	-78.00	-5.09E-06	7.07E-06	-7.49E-06	9.41E-05	3.76E-05	-1.19E-04	4.84E-05	-4.64E-05				
44	534.67	7.43E-01	6.80E-01	4.30E-01	3.88E+00	2.92E-01	-4.87E+00	4.59E+00	-3.17E+00	44.77	4.53E+00	-7.04E-01	
	-68.00	9.22E-06	5.80E-06	-3.84E-06	2.98E-04	2.25E-05	-3.74E-04	1.56E-04	-1.42E-04				
45	584.67	-7.17E-01	-3.72E-01	-5.63E-01	3.75E+00	9.84E-01	-3.35E+00	3.21E+00	-4.30E+00	46.32	-7.17E-01	3.75E+00	
	-68.00	-9.42E-06	3.85E-06	-3.51E-06	2.88E-04	7.57E-05	-2.57E-04	1.41E-04	-1.47E-04				
46	610.83	-3.74E+00	-9.95E-01	-1.84E+00	2.02E+00	1.81E+00	-2.70E+00	7.37E-02	-4.83E+00	62.17	-9.95E-01	-2.02E+00	

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	-88.00	-7.22E-05	3.42E-05	1.80E-06	1.56E-04	1.39E-04	-2.08E-04	7.53E-05	-1.13E-04				
47	482.63	-1.99E-01	8.19E-02	-5.37E-01	8.95E-01	4.87E-01	-1.77E+00	8.42E-01	-9.49E-01	49.35	-1.89E-01	8.85E-01	
	-21.00	-1.88E-07	1.02E-05	-1.36E-05	6.81E-05	3.74E-05	-1.36E-04	3.95E-05	-2.94E-05				
48	485.83	9.06E-01	1.35E+00	5.39E-01	2.59E+00	6.69E-02	-5.44E+00	3.72E+00	-1.46E+00	47.42	1.24E+00	2.59E+00	
	-12.00	4.26E-06	2.11E-05	-9.98E-06	1.98E-04	5.14E-06	-4.18E-04	1.12E-04	-8.69E-05				
49	507.88	-2.06E-02	-1.52E-01	-4.99E-01	9.69E-01	2.95E-01	-1.94E+00	8.85E-01	-1.06E+00	43.06	-2.06E-02	9.69E-01	
	-21.00	6.59E-06	1.54E-06	-1.18E-05	7.45E-05	2.27E-05	-1.49E-04	4.14E-05	-3.33E-05				
50	538.67	7.28E-01	2.76E-01	2.04E-01	3.45E+00	1.29E+00	-4.23E+00	3.96E+00	-2.96E+00	43.12	3.92E+00	-5.59E-01	
	-30.00	1.47E-05	-2.68E-06	-5.43E-06	2.66E-04	9.92E-05	-3.26E-04	1.39E-04	-1.27E-04				
51	484.67	-1.16E+01	-8.01E+00	-8.43E+00	-2.36E-01	9.09E-01	-5.72E-01	-7.99E+00	-1.16E+01	-86.20	-8.01E+00	2.36E-01	
	8.00	-1.37E-04	-4.21E-07	-1.67E-05	-1.82E-05	7.00E-05	-4.40E-05	1.82E-07	-1.37E-04				
52	507.00	2.97E+00	3.55E+00	2.14E+00	1.98E+00	5.93E-01	1.67E+00	5.26E+00	1.26E+00	69.14	4.84E+00	1.22E+00	
	9.00	1.92E-05	4.13E-05	-1.28E-05	1.52E-04	4.57E-05	1.29E-04	1.07E-04	-4.66E-05				
53	603.00	1.04E-01	-4.15E-02	4.46E-02	1.47E+00	6.57E-01	-1.37E+00	1.50E+00	-1.44E+00	43.58	-8.28E-01	1.19E+00	
	-18.00	2.82E-06	-2.77E-06	5.42E-07	1.13E-04	5.05E-05	-1.05E-04	5.66E-05	-5.65E-05				
54	712.00	-1.96E-01	1.04E-01	1.31E-02	2.29E+00	1.95E-01	-2.14E+00	2.30E+00	-2.30E+00	47.44	-1.96E-01	2.29E+00	
	-303.00	-9.07E-06	8.68E-06	4.57E-07	2.08E-04	1.77E-05	-1.95E-04	1.04E-04	-1.05E-04				
55	712.00	-1.26E+00	-6.93E-01	-6.92E-01	2.51E+00	6.26E-01	-2.11E+00	1.55E+00	-3.51E+00	48.23	-1.26E+00	2.51E+00	
	-213.00	-2.30E-05	2.89E-06	2.94E-06	2.29E-04	5.69E-05	-1.91E-04	1.05E-04	-1.25E-04				
56	712.00	-1.61E+00	-8.27E-01	-4.04E-01	1.92E+00	1.47E+00	-1.61E+00	7.38E-01	-3.18E+00	50.77	-1.61E+00	1.92E+00	
	-138.00	-2.17E-05	-3.90E-06	5.71E-06	8.71E-05	6.70E-05	-7.31E-05	3.17E-05	-5.73E-05				
57	712.00	-4.11E-01	1.25E-02	7.73E-02	1.20E+00	6.08E-01	-1.29E+00	1.02E+00	-1.42E+00	49.99	-4.11E-01	1.20E+00	
	-78.00	-1.23E-05	4.01E-06	6.50E-06	9.26E-05	4.68E-05	-9.90E-05	4.29E-05	-5.11E-05				
58	712.00	-5.51E-01	-4.10E-01	-1.19E-01	1.62E+00	5.48E-01	-1.52E+00	1.14E+00	-2.10E+00	46.24	-5.51E-01	1.62E+00	
	-18.00	-9.32E-06	-3.91E-06	7.29E-06	1.25E-04	4.22E-05	-1.17E-04	5.58E-05	-6.90E-05				
59	837.00	-6.51E+00	-3.61E+00	-4.05E+00	1.92E+00	1.08E+00	-1.80E+00	-2.66E+00	-7.46E+00	63.52	-3.61E+00	-1.92E+00	
	-318.00	-1.12E-04	1.98E-05	.00E+00	1.74E-04	9.84E-05	-1.64E-04	6.33E-05	-1.55E-04				
60	887.00	-9.39E-01	-1.05E-01	-4.17E-01	5.13E+00	4.32E-01	-3.97E+00	4.63E+00	-5.67E+00	47.32	4.20E+00	-2.05E+00	
	-288.00	-2.37E-05	1.42E-05	.00E+00	4.67E-04	3.93E-05	-3.61E-04	2.29E-04	-2.39E-04				
61	987.00	1.14E+00	7.57E-01	7.59E-01	5.22E+00	-2.05E-01	-3.59E+00	6.17E+00	-4.27E+00	43.95	1.14E+00	5.22E+00	
	-288.00	1.73E-05	-7.92E-08	.00E+00	4.75E-04	-1.86E-05	-3.27E-04	2.46E-04	-2.29E-04				
62	1037.00	-6.47E+00	-3.91E+00	-4.15E+00	3.83E+00	8.55E-01	-2.85E+00	-1.15E+00	-9.23E+00	54.25	-3.91E+00	-3.83E+00	
	-318.00	-1.05E-04	1.11E-05	.00E+00	3.48E-04	7.77E-05	-2.59E-04	1.36E-04	-2.31E-04				
63	862.00	-1.39E-01	-9.21E-02	1.18E-01	2.59E+00	1.31E-01	-2.04E+00	2.47E+00	-2.71E+00	45.26	-1.39E-01	2.59E+00	
	-213.00	-4.87E-06	-2.72E-06	6.85E-06	2.35E-04	1.19E-05	-1.86E-04	1.14E-04	-1.22E-04				
64	1012.00	3.59E-01	2.07E-01	4.50E-01	2.79E+00	-5.78E-02	-2.03E+00	3.08E+00	-2.51E+00	44.22	3.59E-01	2.79E+00	
	-213.00	3.12E-06	-3.77E-06	7.25E-06	2.54E-04	-5.25E-06	-1.85E-04	1.27E-04	-1.27E-04				
65	837.00	1.11E-01	-2.30E-01	6.17E-01	1.96E+00	5.05E-01	-2.17E+00	1.91E+00	-2.03E+00	42.51	-2.30E-01	-1.96E+00	
	-148.00	-8.61E-08	-7.83E-06	1.14E-05	8.90E-05	2.30E-05	-9.87E-05	4.07E-05	-4.87E-05				
66	937.00	-2.94E-01	-1.61E-01	4.46E-01	3.45E+00	2.73E-01	-2.50E+00	3.22E+00	-3.67E+00	45.55	2.20E+00	-2.45E+00	
	-128.00	-6.63E-06	-3.62E-06	1.02E-05	1.57E-04	1.24E-05	-1.14E-04	7.32E-05	-8.35E-05				
67	1037.00	-3.16E+00	-8.08E-01	-5.69E-01	3.31E+00	1.09E+00	-2.90E+00	1.53E+00	-5.50E+00	54.77	-8.08E-01	-3.31E+00	
	-148.00	-4.80E-05	5.43E-06	1.09E-05	1.51E-04	4.95E-05	-1.32E-04	5.86E-05	-1.01E-04				
68	837.00	-1.06E+00	-1.06E+00	-4.95E-01	3.76E+00	6.23E-01	-2.80E+00	2.70E+00	-4.81E+00	44.99	-1.06E+00	3.76E+00	
	-68.00	-1.20E-05	-1.20E-05	9.66E-06	2.89E-04	4.79E-05	-2.15E-04	1.32E-04	-1.56E-04				
69	937.00	-1.14E+00	2.19E-01	1.30E-01	2.02E+00	6.39E-01	-1.72E+00	1.67E+00	-2.59E+00	54.32	2.19E-01	-2.02E+00	
	-88.00	-3.53E-05	1.72E-05	1.37E-05	1.55E-04	4.92E-05	-1.32E-04	7.30E-05	-9.11E-05				
70	1037.00	-1.70E-01	1.87E-01	4.58E-01	3.44E+00	-1.71E-01	-3.49E+00	3.46E+00	-3.44E+00	46.48	2.51E+00	-2.37E+00	
	-68.00	-1.18E-05	1.96E-06	1.24E-05	2.65E-04	-1.31E-05	-2.69E-04	1.28E-04	-1.38E-04				
71	862.00	-7.74E-01	-5.25E-01	-4.76E-02	1.59E+00	5.41E-01	-1.44E+00	9.49E-01	-2.25E+00	47.24	-7.74E-01	1.59E+00	
	-18.00	-1.50E-05	-5.38E-06	1.30E-05	1.23E-04	4.16E-05	-1.11E-04	5.13E-05	-7.17E-05				
72	1012.00	2.79E-01	3.48E-01	7.65E-01	1.71E+00	-9.64E-02	-1.29E+00	2.03E+00	-1.40E+00	45.57	2.79E-01	1.71E+00	
	-18.00	-4.56E-06	-1.92E-06	1.41E-05	1.32E-04	-7.41E-06	-9.93E-05	6.26E-05	-6.91E-05				
73	1387.00	3.58E-01	3.76E-01	3.69E-01	2.07E+00	3.48E-04	-1.24E+00	2.44E+00	-1.70E+00	45.13	3.58E-01	2.07E+00	
	-303.00	1.93E-06	2.77E-06	2.46E-06	1.88E-04	3.17E-08	-1.13E-04	9.65E-05	-9.18E-05				
74	1387.00	5.44E-02	-4.96E-02	2.40E-01	2.19E+00	3.24E-02	-1.24E+00	2.19E+00	-2.19E+00	44.32	5.44E-02	2.19E+00	
	-213.00	-7.02E-07	-5.43E-06	7.72E-06	1.99E-04	2.95E-06	-1.13E-04	9.65E-05	-1.03E-04				
75	1387.00	-1.72E-03	1.60E-01	6.92E-01	1.61E+00	1.12E-01	-8.25E-01	1.69E+00	-1.54E+00	46.43	-1.72E-03	1.61E+00	
	-138.00	-4.50E-06	-8.31E-07	1.13E-05	7.33E-05	5.10E-06	-3.75E-05	3.40E-05	-3.93E-05				
76	1187.00	-5.60E-01	-4.08E-01	7.71E-03	2.45E+00	4.01E-01	-8.07E-01	1.97E+00	-2.94E+00	45.89	-5.60E-01	2.45E+00	
	-88.00	-1.10E-05	-5.14E-06	1.09E-05	1.89E-04	3.09E-05	-6.21E-05	8.64E-05	-1.03E-04				
77	1387.0[illegible]	7.17E-01	-5.66E-01	2.39E-02	1.26E+00	2.94E-01	-[illegible]01E-01	6.20E-01	-1.9[illegible]E+00	46.71	-5.66E-01	-1.26E[illegible]	
	-88.[illegible]	[illegible].37E-05	-7.95E-06	1.48E-05	9.69E-05	2.26E-05	[illegible]E-05	3.77E-05	-5.94E-05				
78	1587[illegible]	[illegible].48E-01	-1.05E-01	3.68E-01	1.5[illegible]E+00	-3.92E-02	[illegible]E-01	1.44E+00	-1.65E+00	45.40	4.94E-01	-1.[illegible]	

	-68.0	6.97E-06	-5.30E-06	1.29E-05	1.20E-04	-3.01E-06	[illegible]E-05	5.40E-05	-6.62E-05				
79	1237.00	-9.22E-01	-3.91E-01	1.47E-02	1.34E+00	4.10E-01	-7.50E-01	7.15E-01	-2.02E+00	50.72	-9.22E-01	1.34E+00	
	-18.00	-2.13E-05	-4.94E-07	1.47E-05	1.03E-04	3.16E-05	-5.77E-05	4.17E-05	-6.35E-05				
80	1433.80	-5.60E-01	-2.19E-01	2.35E-01	1.56E+00	1.61E-01	-5.43E-01	1.18E+00	-1.96E+00	48.12	-5.60E-01	1.56E+00	
	-8.00	-1.56E-05	-2.43E-06	1.50E-05	1.20E-04	1.24E-05	-4.18E-05	5.14E-05	-6.94E-05				
81	1533.80	-9.19E-01	-2.17E-01	7.65E-02	9.26E-01	1.21E-01	-3.55E-01	4.22E-01	-1.56E+00	55.38	-2.17E-01	-9.26E-01	
	-28.00	-2.37E-05	3.29E-06	1.46E-05	7.12E-05	9.33E-06	-2.73E-05	2.79E-05	-4.83E-05				
82	1633.80	-9.47E-01	-3.07E-01	-2.94E-03	3.31E-01	-3.72E-02	-6.01E-02	-1.66E-01	-1.09E+00	67.02	-1.68E-01	-3.82E-02	
	-8.00	-2.26E-05	2.01E-06	1.37E-05	2.55E-05	-2.86E-06	-4.62E-06	7.41E-06	-2.80E-05				
83	1433.80	-3.84E+00	-1.68E+00	-1.60E+00	1.04E+00	9.87E-01	-4.17E-01	-1.26E+00	-4.26E+00	68.11	-1.68E+00	-1.04E+00	
	27.60	-6.96E-05	1.36E-05	1.68E-05	7.97E-05	7.59E-05	-3.21E-05	2.97E-05	-8.56E-05				
84	1296.10	-1.36E+00	-1.92E-01	-6.41E-03	1.10E+00	4.73E-01	-5.47E-01	4.72E-01	-2.02E+00	58.91	-8.66E-01	-1.24E+00	
	40.70	-3.51E-05	9.69E-06	1.68E-05	8.48E-05	3.63E-05	-4.21E-05	3.52E-05	-6.06E-05				
85	1148.60	-5.91E-01	2.79E-01	4.03E-01	1.45E+00	5.25E-01	-2.89E-01	1.36E+00	-1.67E+00	53.36	1.12E+00	8.09E-01	
	57.33	-2.37E-05	9.74E-06	1.45E-05	1.11E-04	4.04E-05	-2.22E-05	5.12E-05	-6.52E-05				
86	1131.40	-4.87E+00	-2.35E+00	-2.11E+00	5.66E-01	1.87E+00	-2.36E-02	-2.23E+00	-4.99E+00	77.88	-2.35E+00	-5.66E-01	
	112.00	-8.46E-05	1.21E-05	2.13E-05	4.35E-05	1.44E-04	-1.81E-06	1.67E-05	-8.93E-05				
87	1019.80	-1.42E+00	-6.70E-01	-2.43E-01	1.57E+00	7.39E-01	-2.25E+00	5.64E-01	-2.66E+00	51.77	-6.70E-01	-1.57E+00	
	34.67	-2.91E-05	-7.57E-08	1.63E-05	1.20E-04	5.69E-05	-1.73E-04	4.74E-05	-7.66E-05				
88	886.50	-6.64E-01	-2.97E-01	1.15E-01	1.27E+00	3.62E-01	-1.33E+00	8.04E-01	-1.76E+00	49.11	-6.64E-01	1.27E+00	
	46.00	-1.62E-05	-2.13E-06	1.37E-05	9.78E-05	2.78E-05	-1.02E-04	4.02E-05	-5.86E-05				
89	869.80	-3.04E+00	-1.31E+00	-1.11E+00	7.05E-01	1.17E+00	-3.82E-01	-1.06E+00	-3.29E+00	70.40	-1.31E+00	-7.05E-01	
	96.00	-5.69E-05	9.55E-06	1.73E-05	5.42E-05	8.97E-05	-2.94E-05	1.92E-05	-6.66E-05				
90	952.60	-5.16E-01	1.46E+00	9.55E-01	1.88E+00	5.66E-01	-1.37E+00	2.59E+00	-1.65E+00	58.90	2.09E+00	-1.37E+00	
	128.00	-4.07E-05	3.53E-05	1.58E-05	1.44E-04	4.35E-05	-1.05E-04	7.89E-05	-8.42E-05				
91	869.80	-8.81E-01	-1.39E-01	9.38E-02	8.49E-01	6.03E-01	-2.52E-01	4.16E-01	-1.44E+00	56.80	-8.81E-01	8.49E-01	
	160.00	-2.37E-05	4.82E-06	1.38E-05	6.53E-05	4.64E-05	-1.94E-05	2.62E-05	-4.51E-05				
92	869.80	-4.36E+00	-1.47E+00	-1.55E+00	5.05E-01	2.24E+00	-5.31E-01	-1.38E+00	-4.45E+00	80.39	-1.47E+00	-5.05E-01	
	203.60	-8.68E-05	2.47E-05	2.16E-05	3.89E-05	1.72E-04	-4.08E-05	2.80E-05	-9.01E-05				
93	598.67	2.69E-01	-1.03E-01	2.10E-01	2.52E+00	1.57E+00	-2.89E+00	2.61E+00	-2.44E+00	42.89	-1.03E-01	-2.52E+00	
	16.00	6.20E-06	-8.08E-06	3.95E-06	1.94E-04	1.21E-04	-2.23E-04	9.62E-05	-9.81E-05				
94	645.75	-3.91E-01	-3.04E-01	-1.08E-01	1.62E+00	6.28E-01	-1.38E+00	1.27E+00	-1.97E+00	45.77	-3.91E-01	1.62E+00	
	24.00	-6.22E-06	-2.86E-06	4.67E-06	1.25E-04	4.83E-05	-1.06E-04	5.78E-05	-6.69E-05				
95	613.10	-5.17E-01	-8.81E-01	-5.13E-01	2.81E+00	6.48E-01	-2.14E-01	2.11E+00	-3.51E+00	43.14	-5.17E-01	2.81E+00	
	69.33	1.12E-06	-1.29E-05	1.28E-06	2.16E-04	4.98E-05	-1.65E-05	1.02E-04	-1.14E-04				
96	708.45	-7.64E-01	-2.22E-01	-5.08E-02	1.30E+00	6.49E-01	-1.05E+00	8.36E-01	-1.82E+00	50.88	-1.02E+00	-1.22E+00	
	55.00	-1.80E-05	2.85E-06	9.45E-06	1.00E-04	4.99E-05	-8.08E-05	4.36E-05	-5.87E-05				
97	613.10	-2.16E+00	-9.16E-01	-8.42E-01	9.17E-01	2.15E+00	-6.56E-01	-4.29E-01	-2.64E+00	62.02	-9.16E-01	-9.17E-01	
	96.00	-3.99E-05	7.77E-06	1.06E-05	7.05E-05	1.66E-04	-5.04E-05	2.65E-05	-5.86E-05				
98	682.27	-8.34E-01	-3.17E-01	-1.13E-01	1.82E+00	6.58E-01	-1.07E+00	1.26E+00	-2.41E+00	49.05	9.98E-01	-9.42E-01	
	112.00	-1.82E-05	1.69E-06	9.54E-06	1.40E-04	5.06E-05	-8.25E-05	6.24E-05	-7.89E-05				
99	751.43	-2.82E+00	4.09E-01	-4.60E-01	1.96E+00	1.57E+00	-2.53E+00	1.34E+00	-3.75E+00	64.70	4.09E-01	-1.96E+00	
	96.00	-7.68E-05	4.72E-05	1.38E-05	1.51E-04	1.21E-04	-1.95E-04	8.29E-05	-1.13E-04				
100	683.25	-6.84E-01	-1.71E-01	5.64E-02	6.62E-01	5.08E-01	-8.90E-01	2.82E-01	-1.14E+00	55.59	-6.84E-01	6.62E-01	
	152.00	-1.75E-05	2.19E-06	1.09E-05	5.09E-05	3.91E-05	-6.84E-05	1.96E-05	-3.50E-05				
101	648.67	-3.69E+00	-1.70E+00	-1.61E+00	4.21E-01	1.48E+00	-5.25E-01	-1.61E+00	-3.77E+00	78.56	-1.70E+00	-4.21E-01	
	192.00	-6.50E-05	1.16E-05	1.50E-05	3.24E-05	1.14E-04	-4.04E-05	1.49E-05	-6.83E-05				
102	725.25	-5.72E-01	3.22E-01	3.46E-01	6.92E-01	3.96E-01	-6.68E-01	6.99E-01	-9.49E-01	61.43	-1.11E-01	-8.24E-01	
	232.70	-2.31E-05	1.13E-05	1.23E-05	5.32E-05	3.04E-05	-5.14E-05	2.58E-05	-3.76E-05				
103	635.50	-5.80E-01	-7.15E-01	-1.74E-01	8.31E-03	3.07E-01	2.77E-01	-5.79E-01	-7.15E-01	3.51	-5.80E-01	8.31E-03	
	256.00	-6.17E-06	-1.14E-05	9.46E-06	6.39E-07	2.36E-05	2.13E-05	-6.15E-06	-1.14E-05				
104	635.50	-1.33E+00	-9.12E-01	-3.48E-01	-4.42E-02	1.10E+00	-5.58E-02	-9.07E-01	-1.33E+00	-83.96	-9.12E-01	4.42E-02	
	290.67	-2.26E-05	-6.66E-06	1.50E-05	-3.40E-06	8.46E-05	-4.29E-06	-6.48E-06	-2.27E-05				
105	569.00	4.59E-01	-8.05E-02	8.76E-02	2.63E+00	8.55E-01	-2.45E+00	2.83E+00	-2.45E+00	62.07	4.59E-01	2.63E+00	
	16.50	1.25E-05	-8.22E-06	-1.75E-06	2.02E-04	6.57E-05	-1.89E-04	1.04E-04	-9.94E-05				
106	508.50	5.60E+00	3.72E+00	3.59E+00	1.94E+00	2.06E+00	-7.21E-01	6.82E+00	2.50E+00	32.09	3.72E+00	-1.94E+00	
	13.00	7.36E-05	1.31E-06	-3.95E-06	1.49E-04	1.58E-04	-5.54E-05	1.20E-04	-4.55E-05				
107	521.00	1.49E+00	6.59E-01	5.43E-01	2.60E+00	7.15E-01	-1.35E+00	3.71E+00	-1.56E+00	40.44	1.49E+00	2.60E+00	
	18.75	2.78E-05	-4.30E-06	-8.70E-06	2.00E-04	5.50E-05	-1.04E-04	1.13E-04	-8.95E-05				
108	526.25	1.28E+00	5.47E-01	4.82E-01	2.96E+00	6.05E-01	-1.40E+00	3.80E+00	-1.97E+00	41.34	1.28E+00	2.86E+00	
	21.00	2.40E-05	-4.38E-06	-6.88E-06	2.20E-04	4.65E-05	-1.08E-04	1.21E-04	-1.01E-04				
109	518.50	3.51E+00	2.34E+00	2.33E+00	3.55E+00	1.45E+00	-7.30E-01	6.53E+00	-6.74E-01	40.31	2.34E+00	-3.55E+00	
	26.00	4.52E-05	7.72E-08	-3.56E-07	2.73E-04	1.11E-04	-5.61E-05	1.61E-04	-1.16E-04				
110	531.50	5.06E-01	2.64E-01	2.02E-01	2.33E+00	4.24E-01	-1.21E+00	2.73E+00	-1.94E+00	43.64	5.06E-01	2.33E+00	

	34.50	8.57E-06	2.26E-08	-3.14E-06	1.80E-04	3.26E-05	-9.27E-05	9.42E-05	-8.56E-05				
111	515.50	-1.67E+00	-2.68E+00	-1.95E+00	6.82E+00	3.35E-01	2.39E-01	4.73E+00	-9.08E+00	42.90	-1.67E+00	6.88E+00	
	44.00	5.06E-06	-3.35E-05	-5.90E-06	5.29E-04	2.57E-05	1.94E-05	2.51E-04	-2.80E-04				
112	515.50	-5.10E-01	-2.72E-01	-2.57E-01	1.59E+00	8.45E-01	-5.91E-01	1.20E+00	-1.98E+00	47.14	-2.72E-01	-1.59E+00	
	53.33	-8.18E-06	9.52E-07	1.52E-06	1.22E-04	6.50E-05	-4.55E-05	5.76E-05	-6.48E-05				
113	547.50	-9.56E-01	3.13E-01	-2.05E-01	2.48E+00	5.05E-01	-2.60E+00	2.24E+00	-2.86E+00	52.17	1.08E+00	-2.14E+00	
	64.00	-2.74E-05	2.13E-05	1.43E-06	1.91E-04	3.88E-05	-2.00E-04	9.55E-05	-1.02E-04				
114	515.50	-2.05E+00	-2.42E+00	-1.79E+00	2.88E+00	1.84E-01	-5.67E-01	6.49E-01	-5.12E+00	43.18	-2.05E+00	2.88E+00	
	74.67	-1.01E-05	-2.42E-05	-7.13E-08	2.21E-04	1.45E-05	-4.36E-05	9.38E-05	-1.28E-04				
115	515.50	-4.02E+00	-2.50E+00	-2.52E+00	1.03E+00	6.59E-01	-5.60E-01	-1.98E+00	-4.54E+00	63.13	-2.50E+00	-1.03E+00	
	88.00	-8.52E-05	3.06E-06	2.42E-06	7.94E-05	5.07E-05	-4.31E-05	2.32E-05	-7.53E-05				
116	547.50	-2.42E+00	-2.78E-01	-9.95E-01	3.13E+00	4.44E-01	-1.93E+00	1.96E+00	-4.65E+00	54.43	1.07E+00	-2.26E+00	
	104.00	-5.24E-05	2.99E-05	2.28E-06	2.41E-04	3.42E-05	-1.49E-04	1.16E-04	-1.36E-04				
117	515.50	-7.90E-01	-8.56E-01	-4.99E-01	2.29E+00	5.63E-02	-9.54E-01	1.47E+00	-3.12E+00	44.59	-7.90E-01	2.29E+00	
	120.00	-6.83E-06	-9.35E-06	4.40E-06	1.76E-04	4.33E-06	-7.34E-05	8.01E-05	-9.63E-05				
118	515.50	-2.73E+00	-1.64E+00	-1.51E+00	8.83E-01	3.61E-01	-4.71E-01	-1.14E+00	-3.22E+00	60.89	-1.64E+00	-8.83E-01	
	136.00	-4.04E-05	1.71E-06	6.37E-06	6.79E-05	2.78E-05	-3.62E-05	2.06E-05	-5.93E-05				
119	547.50	-2.09E+00	-6.79E-01	-8.88E-01	2.10E+00	2.48E-01	-1.08E+00	8.28E-01	-3.59E+00	54.28	2.24E-01	-1.52E+00	
	152.00	-4.01E-05	1.40E-05	6.00E-06	1.61E-04	1.91E-05	-8.31E-05	7.20E-05	-9.81E-05				
120	515.50	-9.94E-01	-8.88E-01	-4.53E-01	1.54E+00	4.82E-02	-4.83E-01	6.03E-01	-2.49E+00	45.98	-9.94E-01	1.54E+00	
	168.00	-1.26E-05	-8.50E-06	8.24E-06	1.19E-04	3.71E-06	-3.71E-05	4.89E-05	-6.99E-05				
121	515.50	-3.59E+00	-2.17E+00	-1.95E+00	6.85E-01	4.15E-01	-3.50E-01	-1.89E+00	-3.84E+00	68.04	-2.17E+00	-6.85E-01	
	184.00	-5.33E-05	1.38E-06	9.55E-06	5.27E-05	3.19E-05	-2.69E-05	1.20E-05	-6.39E-05				
122	547.50	-1.26E+00	6.26E-01	7.43E-02	2.28E+00	2.25E-01	-1.54E+00	2.15E+00	-2.79E+00	56.19	1.59E+00	-1.57E+00	
	200.00	-4.22E-05	3.02E-05	8.99E-06	1.76E-04	1.73E-05	-1.19E-04	8.90E-05	-1.01E-04				
123	515.50	4.68E-01	7.70E-01	9.18E-01	1.09E+00	-1.26E-01	-6.16E-01	1.72E+00	-4.83E-01	48.94	4.68E-01	1.09E+00	
	216.00	-5.65E-06	5.95E-06	1.15E-05	8.40E-05	-9.67E-06	-4.74E-05	4.25E-05	-4.22E-05				
124	515.50	-9.64E-01	-4.60E-01	-1.45E-01	2.62E-01	-3.94E-02	-2.32E-01	-3.49E-01	-1.08E+00	66.97	-4.60E-01	-2.62E-01	
	232.00	-1.98E-05	-4.54E-07	1.17E-05	2.01E-05	-3.03E-06	-1.78E-05	3.82E-06	-2.41E-05				
125	547.50	-4.07E-01	-6.47E-02	2.11E-01	5.23E-01	-4.70E-02	-9.76E-01	3.15E-01	-7.87E-01	54.07	1.61E-01	-3.81E-01	
	248.00	-1.26E-05	3.84E-07	1.10E-05	4.02E-05	-3.61E-06	-7.51E-05	1.50E-05	-2.74E-05				
126	515.50	9.51E-01	1.36E+00	1.37E+00	-1.26E-01	-2.73E-01	-7.34E-01	1.39E+00	9.15E-01	-74.19	9.51E-01	-1.26E-01	
	264.00	-3.89E-06	1.18E-05	1.23E-05	-9.65E-06	-2.10E-05	-5.65E-05	1.32E-05	-5.26E-06				
127	515.50	-3.69E-01	-1.35E-01	1.53E-01	6.99E-02	-4.58E-01	-1.36E-01	-1.16E-01	-3.89E-01	74.60	-1.35E-01	-6.99E-02	
	276.00	-1.03E-05	-1.33E-06	9.75E-06	5.38E-06	-3.52E-05	-1.05E-05	-5.88E-07	-1.11E-05				
128	531.50	5.44E-01	3.35E-01	7.34E-01	4.58E-02	-2.42E-01	-8.42E-02	5.54E-01	3.26E-01	11.85	5.44E-01	4.58E-02	
	297.00	3.20E-06	-4.83E-06	1.05E-05	3.52E-06	-1.86E-05	-6.48E-06	3.57E-06	-5.20E-06				
129	515.50	1.98E+00	1.54E+00	1.80E+00	-4.08E-01	-2.56E-01	-4.39E-01	2.23E+00	1.30E+00	-30.91	1.98E+00	-4.08E-01	
	320.00	1.76E-05	8.10E-07	1.08E-05	-3.14E-05	-1.97E-05	-3.38E-05	2.70E-05	-8.58E-06				
183	565.50	1.33E-01	-2.06E-01	-2.18E-01	3.95E+00	1.12E+00	-3.07E+00	3.92E+00	-3.99E+00	43.77	1.33E-01	3.95E+00	
	-8.00	8.29E-06	-4.72E-06	-5.17E-06	3.04E-04	8.61E-05	-2.36E-04	1.54E-04	-1.50E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4798E+02	-.2992E+03	-.3261E+01	.3963E+02	.8641E+02	-.5993E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5530E+01	.2354E+01	.9959E+00	.3796E+02	-.2348E+02	-.3229E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.4590E+01	-.7356E+00	.4144E+00	.6[illegible]02	-.5186E+02	-.5934E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
16	.6498E+01	.1496E+01	.5322E-01	[illegible]+02	-.8174E+02	-.8690E+02

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7143E+01	-.1037E+01	.7458E-01	.1126E+03	-.1112E+03	-.1171E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.7632E+00	-.7280E+00	.4141E+00	.1501E+03	-.1417E+03	-.1537E+03
25	.1601E+02	.2739E+01	.7125E-01	.1864E+03	-.1562E+03	-.1895E+03
26	-.4738E+01	-.2649E+00	-.5795E-01	.2023E+03	-.1654E+03	-.2158E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9041E+02	-.1727E+02	.2918E+01	.2079E+03	-.2298E+03	-.2371E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1471E+04	.2577E+03	-.1172E+02	.2920E+03	-.6202E+03	-.3758E+03
40	.1050E+04	.1671E+03	.7661E+00	.2757E+03	-.6119E+03	-.3443E+03
41	.7150E+03	.9791E+02	.1231E+02	.2392E+03	-.5546E+03	-.2985E+03
42	.1759E+03	.1413E+02	.1245E+02	.2088E+03	-.3932E+03	-.2601E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1831E+04	-.2426E+03	-.1010E+02	.4906E+02	-.6556E+03	.1991E+03
48	-.1592E+04	-.2099E+03	-.1131E+02	.9258E+02	-.6074E+03	.1421E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2582E+04	-.3929E+03	-.1227E+02	-.5920E+02	-.4517E+03	.5878E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.7430E+01	.1047E+02	-.6997E+00	.2846E+02	-.6450E+03	.1877E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1767E+04	-.2682E+03	-.1216E+02	-.2225E+02	-.3633E+03	.5518E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1237E+04	-.1884E+03	-.1625E+02	-.2314E+02	-.3391E+03	.5360E+03
66	-.4124E+03	-.6416E+02	-.2041E+02	-.2993E+02	-.2766E+03	.5586E+03
67	.9565E+03	.1267E+03	-.2041E+02	-.2823E+02	-.2117E+03	.5574E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1524E+04	.2271E+03	-.1707E+02	.4164E+02	-.1541E+03	.5599E+03
76	-.1658E+03	-.2576E+02	-.1166E+02	.6296E+02	-.7990E+02	.5677E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6397E+03	.9593E+02	-.8515E+01	.7788E+02	.9638E+01	.5478E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2707E+03	-.4016E+02	-.6049E+01	.1143E+03	.6348E+02	.5351E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3740E+03	.5732E+02	-.5392E+01	.8755E+02	.1396E+03	.4939E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2487E+03	-.3563E+02	-.4508E+01	.7604E+02	.1840E+03	.4505E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2845E+03	.4497E+02	-.4581E+01	.7756E+02	.2479E+03	.4057E+03
109	-.1692E+03	-.2270E+02	-.3916E+01	.7937E+02	.2693E+03	.3506E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2376E+03	.3884E+02	-.3785E+01	.4523E+02	.3374E+03	.2924E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1167E+03	.2094E+02	-.6413E+00	.2366E+02	.3583E+03	.2319E+03
115	.4357E+02	.1014E+02	.4077E+00	.4648E+01	.3604E+03	.1694E+03
116	.1078E+03	.2020E+02	.1538E+01	-.7329E+01	.3757E+03	.1308E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1154E+03	.2155E+02	.2697E+01	.8795E+01	.3851E+03	.1134E+03
119	.8248E+02	.1628E+02	.3884E+01	-.2975E+02	.3502E+03	.6766E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2111E+03	.2707E+02	.1269E+02	-.2543E+02	.3010E+03	.3743E+02
122	.1775E+03	.1235E+02	.2093E+02	.9886E+01	.2902E+03	.3557E+02
123	.1343E+03	.8008E+01	.1852E+02	.6805E+01	.2533E+03	.3198E+02
124	.9763E+02	.5644E+01	.1278E+02	.4681E+01	.2085E+03	.2908E+02
125	.6374E+02	.2646E+01	.9374E+01	.2922E+01	.1722E+03	.2631E+02
126	.1916E+02	-.4299E+01	.8726E+01	.6761E+00	.1446E+03	.2336E+02
127	-.1355E+02	-.9754E+01	.8893E+01	-.8405E+00	.1233E+03	.1961E+02
128	-.4686E+02	-.1420E+02	.8461E+01	-.4440E+01	.7975E+02	.1539E+02
129	-.4722E+02	-.1226E+02	.7070E+01	-.6051E+01	.4487E+02	.1172E+02
130	-.3268E+02	-.7465E+01	.5136E+01	-.6306E+01	.1943E+02	.9207E+01
131	-.8557E+01	-.1341E+01	.3430E+01	-.5445E+01	.5990E+01	.7704E+01
132	.9649E+00	.6198E+00	.2522E+01	-.3589E+01	.6912E+01	.6691E+01
133	.1698E+01	.5198E+00	.2319E+01	-.2468E+01	.8406E+01	.5658E+01
134	.4653E+00	.1481E+00	.2321E+01	-.1384E+01	.7215E+01	.4459E+01
135	-.1088E-02	.7201E-02	.2609E+01	-.1438E+01	.5096E+01	.3285E+01
136	-.7705E-02	.1376E-01	.3471E+01	-.1006E+01	.3294E+01	.2190E+01
137	-.7014E-01	-.2357E-01	.5468E+01	-.6909E+00	.1483E+01	.1197E+01
138	.3447E-01	.1237E+00	.9250E+02	-.4470E+00	-.3887E+00	.5963E+00
139	.8995E-01	.1458E+00	-.3428E+02	-.7253E-01	.2085E+00	-.2081E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1600E+01 (FOR FOURIER TERM, NUMBER 1)

N P-DISPLACEMENT Z-DISPLACEMENT T-DISPLACEMENT ROTATION

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.11610E-01	-.51021E-04	.11503E-01	.00000E+00
3	-.21019E-01	-.18035E-03	.21042E-01	.00000E+00
4	-.22768E-01	-.17550E-03	.22624E-01	.00000E+00
5	-.24598E-01	-.31394E-04	.24606E-01	.00000E+00
6	-.27618E-01	.96484E-05	.27617E-01	-.15038E-05
7	-.25455E-01	-.25154E-03	.25685E-01	.00000E+00
8	-.27540E-01	-.16374E-03	.27724E-01	.13704E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.11396E-01	-.93434E-04	.11420E-01	.00000E+00
11	-.21091E-01	-.16454E-03	.21202E-01	.00000E+00
12	-.23535E-01	-.15521E-03	.23657E-01	.00000E+00
13	-.25429E-01	-.98909E-04	.25407E-01	.00000E+00
14	-.27836E-01	-.86206E-04	.28007E-01	-.66604E-06
15	-.25789E-01	-.27419E-03	.26291E-01	.00000E+00
16	-.28065E-01	-.13929E-03	.28476E-01	.24273E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.11500E-01	-.10775E-03	.11594E-01	.00000E+00
19	-.21459E-01	-.12464E-03	.21745E-01	.00000E+00
20	-.24035E-01	-.12750E-03	.24379E-01	.00000E+00
21	-.26013E-01	.96513E-05	.26263E-01	.00000E+00
22	-.28389E-01	.10804E-03	.29140E-01	.24051E-06
23	-.26694E-01	-.35450E-03	.27780E-01	.00000E+00
24	-.28784E-01	-.18925E-03	.30025E-01	-.63067E-05
25	-.29066E-01	-.32535E-03	.30623E-01	.12579E-05
26	-.29227E-01	-.24386E-03	.30986E-01	.55042E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.11559E-01	-.20406E-03	.11490E-01	.00000E+00
29	-.21968E-01	-.24513E-03	.21924E-01	.00000E+00
30	-.24523E-01	-.20319E-03	.25028E-01	.00000E+00
31	-.26823E-01	-.28278E-03	.27771E-01	.00000E+00
32	-.29403E-01	-.29893E-03	.31394E-01	-.18945E-04
33	-.26773E-01	-.58283E-03	.27573E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.11512E-01	-.36266E-03	.11335E-01	.00000E+00
36	-.22170E-01	-.31065E-03	.21689E-01	.00000E+00
37	-.24902E-01	-.29704E-03	.24639E-01	.00000E+00
38	-.27568E-01	-.28817E-03	.28496E-01	.00000E+00
39	-.29686E-01	-.43790E-03	.32064E-01	.20092E-04
40	-.29634E-01	-.58538E-03	.31906E-01	.72494E-05
41	-.29595E-01	-.60400E-03	.31763E-01	-.27002E-05
42	-.29516E-01	-.50882E-03	.31603E-01	-.13233E-04
43	-.24677E-01	-.54032E-03	.22982E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.10821E-01	.20542E-03	.95668E-02	.00000E+00
46	-.22249E-01	-.27398E-03	.19585E-01	.00000E+00
47	-.29709E-01	-.28994E-03	.32111E-01	.15165E-04
48	-.29703E-01	-.35929E-03	.32116E-01	.24906E-04
49	-.27543E-01	-.34069E-03	.28185E-01	.00000E+00
50	-.29999E-01	-.34969E-03	.32241E-01	.70568E-04
51	-.27989E-01	-.50233E-03	.26743E-01	.00000E+00
52	-.31257E-01	-.30713E-03	.29441E-01	.00000E+00
53	-.29724E-01	-.22273E-03	.32092E-01	.84580E-04
54	-.24687E-01	-.22237E-03	.20683E-01	.00000E+00
55	-.27642E-01	-.41221E-03	.22632E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.93379E-02	-.97516E-03	.59446E-02	.00000E+00
58	-.19739E-01	-.37748E-03	.11097E-01	.00000E+00
59	-.31914E-01	-.11291E-04	.26654E-01	.00000E+00
60	-.31423E-01	-.23000E-03	.28231E-01	.00000E+00
61	-.30273E-01	-.34545E-03	.32318E-01	.10815E-03
62	-.23175E-01	.54438E-05	.13453E-01	.00000E+00
63	-.26692E-01	.21333E-03	.17410E-01	.00000E+00
64	-.31890E-01	-.23911E-03	.29872E-01	.00000E+00

65	-.30636E-01	-.34297E-03	.32390E-01	.13406E-03
66	-.31540E-01	-.33570E-03	.32534E-01	.16223E-03
67	-.32510E-01	-.32504E-03	.32691E-01	.15410E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.72128E-02	.14720E-03	.28147E-02	.00000E+00
70	-.20699E-01	.21882E-03	.91649E-02	.00000E+00
71	-.31033E-01	.57229E-03	.19508E-01	.00000E+00
72	-.32774E-01	-.12761E-03	.29727E-01	.00000E+00
73	-.25384E-01	.31739E-03	.89878E-02	.00000E+00
74	-.34755E-01	-.17737E-04	.31266E-01	.00000E+00
75	-.33333E-01	-.31532E-03	.32828E-01	.11664E-03
76	-.34431E-01	-.32852E-03	.33147E-01	.81085E-04
77	-.29252E-01	.85973E-03	.12710E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.85940E-02	-.28899E-03	.28909E-02	.00000E+00
80	-.19652E-01	.45292E-03	.62192E-02	.00000E+00
81	-.21622E-01	.63187E-03	.63260E-02	.00000E+00
82	-.24393E-01	.95237E-03	.93439E-02	.00000E+00
83	-.34556E-01	.10365E-02	.21565E-01	.00000E+00
84	-.32164E-01	.13515E-02	.13780E-01	.00000E+00
85	-.35673E-01	-.31066E-03	.33500E-01	.64607E-04
86	-.36039E-01	-.13230E-04	.32612E-01	.00000E+00
87	-.29204E-01	.11034E-02	.99204E-02	.00000E+00
88	-.36048E-01	.36103E-03	.27257E-01	.00000E+00
89	-.36516E-01	-.32424E-03	.33891E-01	.51473E-04
90	-.21501E-01	.32293E-03	-.19962E-02	.00000E+00
91	-.23168E-01	.64655E-03	-.10310E-02	.00000E+00
92	-.24862E-01	.47317E-03	-.64620E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.90285E-02	.00000E+00	-.16995E-02	.00000E+00
95	-.16767E-01	.00000E+00	-.30775E-02	.00000E+00
96	-.19336E-01	.00000E+00	-.30188E-02	.00000E+00
97	-.20079E-01	.00000E+00	-.38915E-02	.00000E+00
98	-.19562E-01	.00000E+00	-.41858E-02	.00000E+00
99	-.21760E-01	.10597E-03	-.36405E-02	.00000E+00
100	-.27707E-01	.66366E-03	.28834E-02	.00000E+00
101	-.34170E-01	.89641E-03	.12956E-01	.00000E+00
102	-.37832E-01	-.33016E-03	.34415E-01	.46536E-04
103	-.36102E-01	.10097E-02	.21187E-01	.00000E+00
104	-.38499E-01	-.14689E-03	.33859E-01	.00000E+00
105	-.38740E-01	-.31780E-03	.34899E-01	.40063E-04
106	-.37824E-01	.11578E-02	.25184E-01	.00000E+00
107	-.39967E-01	-.86705E-04	.34062E-01	.00000E+00
108	-.39793E-01	-.29916E-03	.35324E-01	.38176E-04
109	-.40542E-01	-.28349E-03	.35723E-01	.37350E-04
110	-.39854E-01	.39416E-03	.27111E-01	.00000E+00
111	-.41540E-01	-.28174E-03	.34817E-01	.00000E+00
112	-.41367E-01	-.26142E-03	.36028E-01	.28949E-04
113	-.41200E-01	.57913E-03	.30171E-01	.00000E+00
114	-.41813E-01	-.21372E-03	.36327E-01	.10583E-04
115	-.41249E-01	-.17503E-03	.36523E-01	.13022E-05
116	-.41877E-01	-.11202E-03	.36697E-01	-.81721E-05
117	-.41747E-01	-.39299E-03	.36168E-01	.00000E+00
118	-.41737E-01	-.92403E-04	.36762E-01	-.15028E-04
119	-.41337E-01	-.52972E-04	.36839E-01	-.24966E-04
120	-.42246E-01	.63938E-04	.36399E-01	.00000E+00
121	-.40568E-01	-.10873E-05	.36912E-01	-.40680E-04
122	-.40486E-01	.33284E-03	.36983E-01	-.47646E-04
123	-.40365E-01	.63785E-03	.37040E-01	-.53051E-04
124	-.40229E-01	.97746E-03	.37097E-01	-.59108E-04
[illegible]	-.40052E-01	.13569E-02	.37156E-01	-.66021E-04
[illegible]	-.39715E-01	.20543E-02	.37254E-01	[illegible]73160E-04
[illegible]	-.39363E-01	.28022E-02	.37348E-01	[illegible]2629E-04
[illegible]	-.38715E-01	.42528E-02	.37542E-01	[illegible]66337E-04

[illegible]	-.38297E-01	.52523E-02	.37719E-01	[illegible]081E-04
130	-.39092E-01	.57748E-02	.37913E-01	[illegible]9196E-05
131	-.38204E-01	.55141E-02	.38206E-01	.16580E-04
132	-.38501E-01	.45556E-02	.38463E-01	.22910E-04
133	-.38760E-01	.36079E-02	.39686E-01	.19410E-04
134	-.38929E-01	.29316E-02	.38867E-01	.15988E-04
135	-.39047E-01	.21508E-02	.39010E-01	.14035E-04
136	-.39132E-01	.14304E-02	.39116E-01	.15112E-04
137	-.39182E-01	.92072E-03	.39178E-01	.15112E-04
138	-.39216E-01	.12289E-03	.39216E-01	.15506E-04
139	-.39216E-01	.15261E-04	.39216E-01	.15287E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	8.37E-04	-2.31E-02	-2.18E-02	-1.41E+00	1.62E-05	1.41E+00	1.39E+00	-1.42E+00	-44.65	8.37E-04	-1.41E+00
	-303.00	7.41E-07	-8.03E-07	-2.89E-07	-1.28E-04	1.47E-09	1.28E-04	6.40E-05	-6.40E-05			
2	72.00	-9.75E-03	-4.55E-02	-1.67E-02	-1.17E+00	9.63E-04	1.20E+00	1.14E+00	-1.20E+00	-44.56	-9.75E-03	-1.17E+00
	-213.00	4.91E-07	-1.14E-06	1.77E-07	-1.06E-04	8.75E-08	1.09E-04	5.28E-05	-5.34E-05			
3	72.00	-1.81E-01	-4.93E-02	-1.09E-02	-7.70E-01	5.35E-02	8.29E-01	6.58E-01	-8.88E-01	-47.44	-1.81E-01	-7.70E-01
	-138.00	-2.84E-06	1.43E-07	1.02E-06	-3.50E-05	2.43E-06	3.77E-05	1.62E-05	-1.89E-05			
4	24.00	-6.74E-01	-2.76E-01	-3.25E-01	-1.40E+00	1.75E-01	1.49E+00	9.42E-01	-1.85E+00	-49.04	-6.74E-01	-1.40E+00
	-68.00	-1.19E-05	3.40E-06	1.50E-06	-1.08E-04	1.35E-05	1.14E-04	5.02E-05	-5.87E-05			
5	72.00	1.86E-01	4.25E-02	1.53E-01	-6.11E-01	-5.47E-02	6.87E-01	7.30E-01	-5.01E-01	-41.65	4.25E-02	6.11E-01
	-88.00	2.96E-06	-2.56E-06	1.70E-06	-4.70E-05	-4.21E-06	5.29E-05	2.39E-05	-2.35E-05			
6	120.00	9.15E-02	8.76E-02	1.09E-01	-1.21E+00	-6.35E-02	1.21E+00	1.30E+00	-1.12E+00	-44.95	-1.10E+00	2.16E-01
	-68.00	3.56E-07	2.08E-07	1.02E-06	-9.29E-05	-4.88E-06	9.34E-05	4.67E-05	-4.62E-05			
7	36.25	-3.39E-01	-1.43E-01	-1.22E-01	-6.24E-01	8.23E-02	6.05E-01	3.91E-01	-8.73E-01	-49.47	-3.18E-01	-6.27E-01
	-19.00	-6.41E-06	1.15E-06	1.95E-06	-4.80E-05	6.33E-06	4.66E-05	2.17E-05	-2.69E-05			
8	108.00	2.59E-02	7.21E-02	7.49E-02	-4.97E-01	-1.24E-02	5.38E-01	5.47E-01	-4.49E-01	-46.33	2.59E-02	-4.97E-01
	-19.00	-9.04E-07	8.74E-07	9.80E-07	-3.82E-05	-9.54E-07	4.14E-05	1.91E-05	-1.92E-05			
9	216.00	-6.69E-02	-8.36E-02	-5.60E-02	-1.40E+00	5.16E-03	1.41E+00	1.32E+00	-1.48E+00	-44.83	-6.69E-02	-1.40E+00
	-303.00	-3.59E-07	-1.12E-06	1.36E-07	-1.27E-04	4.69E-07	1.28E-04	6.29E-05	-6.44E-05			
10	216.00	-1.04E-01	-7.97E-02	-5.53E-02	-1.20E+00	2.09E-02	1.22E+00	1.11E+00	-1.29E+00	-45.30	-1.04E-01	-1.20E+00
	-213.00	-1.64E-06	-5.11E-07	5.95E-07	-1.09E-04	1.90E-06	1.11E-04	5.35E-05	-5.56E-05			
11	216.00	-1.97E-01	-6.05E-02	-2.00E-02	-9.15E-01	7.47E-02	9.48E-01	7.89E-01	-1.05E+00	-47.13	-1.97E-01	-9.15E-01
	-138.00	-3.02E-06	7.91E-08	9.98E-07	-4.16E-05	3.39E-06	4.31E-05	1.94E-05	-2.23E-05			
12	168.00	-3.56E-01	-2.28E-01	-2.07E-01	-1.34E+00	1.50E-01	1.34E+00	1.05E+00	-1.63E+00	-46.36	-3.56E-01	-1.34E+00
	-68.00	-4.99E-06	-8.62E-08	7.27E-07	-1.03E-04	1.15E-05	1.03E-04	4.91E-05	-5.42E-05			
13	216.00	2.98E-01	6.50E-02	2.03E-01	-5.51E-01	-6.29E-02	6.29E-01	7.45E-01	-3.82E-01	-39.04	6.50E-02	5.51E-01
	-88.00	5.23E-06	-3.72E-06	1.59E-06	-4.24E-05	-4.84E-06	4.84E-05	2.24E-05	-2.09E-05			
14	264.00	-6.67E-02	6.89E-02	4.84E-02	-1.19E+00	-2.20E-02	1.24E+00	1.19E+00	-1.19E+00	-46.64	-1.15E+00	2.80E-01
	-68.00	-3.12E-06	2.09E-06	1.30E-06	-9.12E-05	-1.69E-06	9.51E-05	4.52E-05	-4.62E-05			
15	180.00	-1.75E-01	-3.47E-02	-3.01E-02	-5.46E-01	1.03E-01	5.47E-01	4.45E-01	-6.55E-01	-48.66	-1.75E-01	-5.46E-01
	-19.00	-4.09E-06	1.30E-06	1.47E-06	-4.20E-05	7.92E-06	4.21E-05	1.98E-05	-2.25E-05			
16	252.00	-9.22E-02	5.97E-02	5.62E-02	-4.73E-01	3.27E-02	5.71E-01	4.63E-01	-4.96E-01	-49.56	-9.22E-02	-4.73E-01
	-19.00	-3.91E-06	2.04E-06	1.90E-06	-3.64E-05	2.52E-06	4.39E-05	1.76E-05	-1.93E-05			
17	361.00	-8.89E-02	-1.23E-01	-8.40E-02	-1.41E+00	-4.11E-03	1.41E+00	1.31E+00	-1.52E+00	-44.66	-8.89E-02	-1.41E+00
	-303.00	-2.03E-07	-1.73E-06	1.75E-08	-1.28E-04	-3.74E-07	1.28E-04	6.33E-05	-6.52E-05			
18	361.00	-1.35E-01	-9.88E-02	-8.77E-02	-1.25E+00	8.19E-04	1.26E+00	1.14E+00	-1.37E+00	-45.41	-1.35E-01	-1.25E+00
	-213.00	-1.95E-06	-3.22E-07	1.85E-07	-1.14E-04	7.45E-08	1.15E-04	5.58E-05	-5.81E-05			
19	361.00	-2.28E-01	-6.40E-02	-4.44E-02	-9.56E-01	4.58E-02	1.06E+00	8.13E-01	-1.11E+00	-47.45	-2.28E-01	-9.56E-01
	-138.00	-3.42E-06	3.09E-07	7.55E-07	-4.34E-05	2.08E-06	4.83E-05	2.02E-05	-2.34E-05			
20	312.00	-6.39E-01	-3.73E-01	-3.64E-01	-1.50E+00	2.60E-01	1.56E+00	9.99E-01	-2.01E+00	-47.54	-6.39E-01	-1.50E+00
	-68.00	-9.45E-05	7.89E-07	1.10E-06	-1.15E-04	2.00E-05	1.20E-04	5.35E-05	-6.22E-05			
21	360.67	5.17E-01	2.07E-01	3.40E-01	-7.04E-01	-1.48E-01	9.00E-01	1.08E+00	-3.59E-01	-38.80	2.07E-01	7.04E-01
	-88.00	8.19E-06	-3.73E-06	1.40E-06	-5.42E-05	-1.14E-05	6.92E-05	3.00E-05	-2.55E-05			
22	409.33	-3.36E-01	-4.23E-01	-2.59E-01	-1.45E+00	-1.77E-02	1.79E+00	1.08E+00	-1.83E+00	-44.15	-1.81E+00	2.58E-01
	-68.00	-1.74E-06	-5.07E-06	1.23E-06	-1.12E-04	-1.36E-06	1.38E-04	5.25E-05	-5.94E-05			
23	324.00	-3.31E-01	-7.76E-02	-6.99E-02	-5.60E-01	1.83E-01	5.78E-01	3.70E-01	-7.79E-01	-51.37	-3.31E-01	-5.60E-01

	-19.00	-7.47E-06	2.27E-06	2.57E-06	-4.31E-05	1.41E-05	4.45E-05	1.95E-05	-2.47E-05				
24	372.00	-1.37E-01	2.28E-01	1.43E-01	-1.52E+00	1.78E-01	1.66E+00	1.57E+00	-1.48E+00	-48.43	-1.37E-01	-1.52E+00	
	-9.33	-7.84E-06	6.20E-06	2.02E-06	-1.17E-04	1.37E-05	1.27E-04	5.80E-05	-5.96E-05				
25	401.25	-1.35E-01	-2.22E-02	5.83E-02	-5.01E-01	4.31E-02	6.76E-01	4.25E-01	-5.83E-01	-48.22	3.45E-01	-2.73E-01	
	-19.00	-4.12E-06	2.38E-07	3.33E-06	-3.85E-05	3.31E-06	5.20E-05	1.75E-05	-2.13E-05				
26	427.67	-6.07E-01	-3.66E-01	-3.08E-01	-1.73E+00	2.51E-01	2.35E+00	1.25E+00	-2.22E+00	-46.99	-1.61E+00	-1.32E+00	
	-9.33	-9.26E-06	1.05E-08	2.22E-06	-1.33E-04	1.93E-05	1.81E-04	6.20E-05	-7.13E-05				
27	457.00	-1.11E-01	-1.91E-01	-1.25E-01	-1.43E+00	-1.70E-02	1.40E+00	1.28E+00	-1.58E+00	-44.19	-1.11E-01	-1.43E+00	
	-303.00	5.11E-07	-3.15E-06	-3.34E-07	-1.30E-04	-1.55E-06	1.27E-04	6.37E-05	-6.63E-05				
28	457.00	-1.27E-01	-8.85E-02	-9.91E-02	-1.31E+00	-4.20E-02	1.28E+00	1.21E+00	-1.42E+00	-45.42	-1.27E-01	-1.31E+00	
	-213.00	-1.68E-06	6.08E-08	-4.22E-07	-1.19E-04	-3.82E-06	1.16E-04	5.89E-05	-6.06E-05				
29	457.00	-3.91E-01	-1.41E-01	-1.65E-01	-9.89E-01	-1.47E-01	1.12E+00	7.30E-01	-1.26E+00	-48.60	-3.91E-01	-9.89E-01	
	-138.00	-5.22E-06	4.46E-07	-1.01E-07	-4.49E-05	-6.68E-06	5.10E-05	2.03E-05	-2.50E-05				
30	442.00	-2.41E-01	-5.26E-01	-2.65E-01	-1.65E+00	-1.22E-01	1.75E+00	1.27E+00	-2.04E+00	-42.53	-2.41E-01	-1.65E+00	
	-68.00	2.07E-06	-8.88E-06	1.14E-06	-1.27E-04	-9.38E-06	1.34E-04	6.02E-05	-6.70E-05				
31	457.33	2.00E+00	1.02E+00	1.20E+00	-6.18E-01	-1.04E+00	9.79E-01	2.30E+00	7.21E-01	-25.73	1.02E+00	6.18E-01	
	-88.00	3.07E-05	-7.18E-06	-3.57E-07	-4.76E-05	-8.03E-05	7.53E-05	4.22E-05	-1.86E-05				
32	472.67	-3.07E+00	-2.24E+00	-2.14E+00	-1.45E+00	5.50E-01	2.32E+00	-1.15E+00	-4.17E+00	-52.92	-3.91E+00	-8.41E-01	
	-68.00	-3.61E-05	-4.47E-06	-3.46E-07	-1.12E-04	4.23E-05	1.78E-04	3.77E-05	-7.83E-05				
33	443.00	-3.55E-01	-2.25E-01	-1.13E-01	-8.06E-01	5.16E-02	8.96E-01	5.19E-01	-1.10E+00	-47.31	-3.55E-01	-8.06E-01	
	-19.50	-6.05E-06	-1.04E-06	3.29E-06	-6.20E-05	3.97E-06	6.89E-05	2.76E-05	-3.47E-05				
34	454.00	-2.35E+00	-1.52E+00	-1.48E+00	-2.12E+00	6.48E-01	3.00E+00	2.29E-01	-4.05E+00	-50.55	-3.18E+00	-1.76E+00	
	-11.33	-3.16E-05	4.38E-07	1.76E-06	-1.63E-04	4.98E-05	2.31E-04	6.76E-05	-9.87E-05				
35	461.67	-3.09E-01	-2.18E-01	-1.48E-01	-2.02E+00	1.47E-01	3.08E+00	1.75E+00	-2.28E+00	-45.64	-3.09E-01	-2.02E+00	
	-12.00	-4.46E-06	-9.79E-07	1.73E-06	-1.55E-04	1.13E-05	2.37E-04	7.48E-05	-8.03E-05				
36	469.00	1.36E+00	5.85E-01	8.51E-01	-2.22E-01	-9.49E-01	1.24E+00	1.42E+00	5.26E-01	-14.87	5.85E-01	2.22E-01	
	-30.00	2.17E-05	-8.26E-06	1.98E-06	-1.71E-05	-7.30E-05	9.53E-05	2.39E-05	-1.05E-05				
37	476.33	-8.39E-01	-1.00E+00	-6.66E-01	-1.34E+00	1.61E-01	2.55E+00	4.24E-01	-2.27E+00	-43.24	-1.37E+00	-1.27E+00	
	-12.00	-4.69E-06	-1.10E-05	1.95E-06	-1.03E-04	1.24E-05	1.96E-04	4.39E-05	-5.96E-05				
38	558.50	7.87E-02	1.10E-02	1.62E-02	-1.34E+00	-5.49E-02	1.28E+00	1.39E+00	-1.30E+00	-44.28	7.87E-02	-1.34E+00	
	-303.00	2.20E-06	-8.74E-07	-6.40E-07	-1.22E-04	-4.99E-06	1.16E-04	6.18E-05	-6.05E-05				
39	558.50	-6.59E-02	-1.61E-01	-1.54E-01	-1.33E+00	-1.13E-01	1.25E+00	1.22E+00	-1.44E+00	-43.97	-6.59E-02	-1.33E+00	
	-213.00	1.95E-06	-2.37E-06	-2.05E-06	-1.21E-04	-1.03E-05	1.14E-04	6.02E-05	-6.06E-05				
40	506.17	-1.98E-02	-2.38E-01	-1.32E-01	-2.92E+00	-4.43E-01	2.65E+00	2.79E+00	-3.05E+00	-43.93	-1.98E-02	-2.92E+00	
	-128.00	1.60E-06	-3.37E-06	-9.51E-07	-1.33E-04	-2.02E-05	1.21E-04	6.55E-05	-6.73E-05				
41	558.50	7.36E-01	-1.93E-01	-1.10E-01	-1.29E+00	-9.61E-01	1.88E+00	1.64E+00	-1.10E+00	-35.08	-1.93E-01	1.29E+00	
	-148.00	1.45E-05	-6.66E-06	-4.77E-06	-5.85E-05	-4.37E-05	8.54E-05	3.50E-05	-2.72E-05				
42	610.83	-2.43E-01	-3.57E-01	-4.30E-01	-2.59E+00	-5.48E-01	2.06E+00	2.29E+00	-2.89E+00	-44.37	-2.81E+00	6.24E-01	
	-128.00	-1.22E-07	-2.72E-06	-4.36E-06	-1.18E-04	-2.49E-05	9.37E-05	5.74E-05	-6.03E-05				
43	501.38	1.16E-01	3.72E-02	5.61E-02	-6.50E-01	-3.61E-01	7.75E-01	7.28E-01	-5.75E-01	-43.26	1.16E-01	-6.50E-01	
	-78.00	2.17E-06	-8.72E-07	-1.43E-07	-5.00E-05	-2.77E-05	5.96E-05	2.57E-05	-2.44E-05				
44	534.67	-4.12E-01	-1.31E-01	-3.32E-01	-2.09E+00	-2.21E-01	2.77E+00	1.82E+00	-2.36E+00	-46.93	-2.30E+00	5.01E-01	
	-68.00	-6.23E-06	4.59E-06	-3.17E-06	-1.60E-04	-1.70E-05	2.13E-04	7.96E-05	-8.12E-05				
45	584.67	3.71E-01	3.44E-01	1.80E-01	-2.06E+00	-6.43E-01	1.57E+00	2.42E+00	-1.71E+00	-44.82	3.71E-01	-2.06E+00	
	-68.00	4.42E-06	3.40E-06	-2.90E-06	-1.59E-04	-4.95E-05	1.20E-04	8.32E-05	-7.54E-05				
46	610.83	1.97E+00	6.97E-01	8.29E-01	-1.14E+00	-9.99E-01	1.35E+00	2.64E+00	2.71E-02	-30.41	6.97E-01	1.14E+00	
	-88.00	3.74E-05	-1.16E-05	-6.55E-06	-8.78E-05	-7.69E-05	1.04E-04	6.32E-05	-3.74E-05				
47	482.63	1.01E-01	6.41E-02	1.86E-01	-4.50E-01	-2.98E-01	9.04E-01	5.33E-01	-3.68E-01	-43.82	1.01E-01	-4.50E-01	
	-21.00	3.34E-08	-1.40E-06	3.30E-06	-3.46E-05	-2.29E-05	6.95E-05	1.66E-05	-1.80E-05				
48	485.83	-1.54E-03	8.84E-02	8.29E-02	-1.31E+00	-3.89E-02	2.85E+00	1.35E+00	-1.26E+00	-45.99	-1.70E-01	-1.29E+00	
	-12.00	-1.92E-06	1.54E-06	1.32E-06	-1.00E-04	-3.00E-06	2.19E-04	5.00E-05	-5.04E-05				
49	507.88	-8.61E-02	1.17E-01	8.71E-02	-4.99E-01	-2.11E-01	1.02E+00	5.25E-01	-4.94E-01	-50.75	-8.61E-02	-4.99E-01	
	-21.00	-4.61E-06	3.21E-06	2.05E-06	-3.84E-05	-1.62E-05	7.87E-05	1.89E-05	-2.03E-05				
50	538.67	-4.65E-01	1.34E-01	-2.17E-01	-1.83E+00	-7.84E-01	2.34E+00	1.68E+00	-2.02E+00	-49.66	-1.95E+00	4.74E-01	
	-10.00	-1.19E-05	1.12E-05	-2.31E-06	-1.40E-04	-6.03E-05	1.80E-04	7.08E-05	-7.15E-05				
51	484.67	6.51E+00	4.50E+00	4.58E+00	9.05E-02	-5.91E-01	2.77E-01	6.51E+00	4.50E+00	2.58	4.50E+00	-9.05E-02	
	8.00	7.99E-05	1.80E-06	4.95E-06	6.96E-06	-4.55E-05	2.13E-05	7.91E-05	1.64E-06				
52	507.00	-1.93E+00	-2.20E+00	-1.56E+00	-1.23E+00	-3.70E-01	-1.15E+00	-8.26E-01	-3.30E+00	-41.92	-3.07E+00	-7.21E-01	
	6.00	-1.18E-05	-2.20E-05	2.54E-06	-9.47E-05	-2.85E-05	-6.86E-05	3.07E-05	-6.45E-05				
53	603.00	-1.69E-01	7.07E-03	-2.87E-01	-8.00E-01	-4.52E-01	6.96E-01	7.24E-01	-8.86E-01	-48.13	3.50E-01	-6.80E-01	
	-18.00	-1.56E-06	5.20E-06	-6.10E-06	-6.16E-05	-3.48E-05	5.35E-05	3.28E-05	-2.92E-05				
54	712.00	[illegible]8.98E-02	-1.20E-01	-6.14E-02	-1.27E+00	-1.15E-01	[illegible]1E-01	1.26E+00	-1.29E+00	-42.63	8.98E-02	-1.27E[illegible]	
	-303.0[illegible]	[illegible].28E-06	-4.28E-06	-1.60E-06	-1.15E-04	-1.05E-05	[illegible]E-05	5.84E-05	-5.74E-05				
55	712[illegible]	[illegible].84E-01	3.59E-01	2.62E-01	-1.30E+00	-3.83E-01	[illegible]E-01	1.94E+00	-8.53E-01	-42.06	6.84E-01	-1.[illegible]	

	-213.	.36E-05	6.57E-07	-5.57E-06	-1.26E-04	-3.49E-05	[illegible]E-05	7.05E-05	-5.62E-05				
56	712.00	8.61E-01	4.31E-01	-1.15E-01	-1.07E+00	-4.59E-01	[illegible]E-01	1.74E+00	-4.43E-01	-39.30	8.61E-01	-1.07E	
	-138.00	1.34E-05	3.62E-06	-1.70E-06	-4.85E-05	-4.30E-05	2.91E-05	3.33E-05	-1.62E-05				
57	712.00	1.35E-01	-7.32E-02	-3.33E-01	-6.64E-01	-4.12E-01	6.42E-01	7.04E-01	-6.41E-01	-40.52	1.36E-01	-6.64E-01	
	-78.00	8.20E-06	1.10E-07	-9.84E-06	-5.11E-05	-3.17E-05	4.94E-05	3.00E-05	-2.17E-05				
58	712.00	2.38E-01	2.44E-01	-2.06E-01	-8.81E-01	-3.94E-01	6.61E-01	1.12E+00	-6.40E-01	-45.10	2.38E-01	-8.81E-01	
	-18.00	4.10E-06	6.33E-06	-1.09E-05	-6.77E-05	-3.03E-05	5.09E-05	4.01E-05	-2.77E-05				
59	837.00	3.59E+00	1.59E+00	2.23E+00	-1.06E+00	-4.36E-01	7.27E-01	4.12E+00	1.47E+00	-26.51	1.99E+00	1.06E+00	
	-318.00	6.16E-05	-1.08E-05	.00E+00	-9.61E-05	-3.96E-05	6.61E-05	8.56E-05	-3.48E-05				
60	887.00	5.58E-01	9.48E-02	2.61E-01	-2.81E+00	-2.30E-01	1.41E+00	3.15E+00	-2.45E+00	-42.64	-2.26E+00	1.12E+00	
	-288.00	1.35E-05	-7.56E-06	.00E+00	-2.55E-04	-2.09E-05	1.29E-04	1.31E-04	-1.25E-04				
61	987.00	-6.05E-01	-4.01E-01	-4.03E-01	-2.85E+00	5.59E-03	1.04E+00	2.34E+00	-3.35E+00	-46.03	-6.05E-01	-2.85E+00	
	-288.00	-9.21E-06	6.01E-08	.00E+00	-2.59E-04	5.08E-07	9.47E-05	1.25E-04	-1.34E-04				
62	1037.00	3.50E+00	2.10E+00	2.24E+00	-2.08E+00	-2.12E-01	7.07E-01	4.95E+00	6.03E-01	-35.69	2.10E+00	2.08E+00	
	-318.00	5.73E-05	-6.42E-06	.00E+00	-1.89E-04	-1.93E-05	6.42E-05	1.25E-04	-7.43E-05				
63	862.00	4.28E-02	4.64E-02	-2.13E-01	-1.40E+00	-9.60E-02	7.07E-01	1.45E+00	-1.36E+00	-45.04	4.28E-02	-1.40E+00	
	-213.00	3.55E-06	3.72E-06	-8.08E-06	-1.28E-04	-8.73E-06	6.43E-05	6.74E-05	-6.01E-05				
64	1012.00	-2.56E-01	-1.32E-01	-4.22E-01	-1.51E+00	-1.07E-02	5.91E-01	1.31E+00	-1.70E+00	-46.18	-2.56E-01	-1.51E+00	
	-213.00	-1.11E-06	4.52E-06	-9.66E-06	-1.37E-04	-9.74E-07	5.38E-05	7.03E-05	-6.65E-05				
65	837.00	6.34E-02	1.60E-01	-7.26E-01	-1.05E+00	-8.84E-01	8.58E-01	1.16E+00	-9.53E-01	-46.59	1.60E-01	1.05E+00	
	-148.00	3.72E-06	6.38E-06	-1.38E-05	-4.79E-05	-4.02E-05	3.90E-05	2.90E-05	-1.89E-05				
66	937.00	1.58E-01	1.50E-01	-6.11E-01	-1.82E+00	-2.52E-01	7.70E-01	1.98E+00	-1.67E+00	-44.94	-1.11E+00	1.32E+00	
	-128.00	5.18E-06	4.59E-06	-1.23E-05	-8.29E-05	-1.15E-05	3.50E-05	4.65E-05	-3.64E-05				
67	1037.00	1.73E+00	6.26E-01	-3.51E-02	-1.79E+00	-6.01E-01	1.16E+00	3.05E+00	-6.93E-01	-36.43	6.26E-01	1.79E+00	
	-148.00	2.71E-05	2.06E-06	-1.30E-05	-8.12E-05	-2.73E-05	5.25E-05	5.71E-05	-2.79E-05				
68	837.00	7.07E-01	7.95E-01	1.78E-01	-1.99E+00	-5.79E-01	7.47E-01	2.75E+00	-1.24E+00	-45.64	7.07E-01	-1.99E+00	
	-68.00	8.72E-06	1.21E-05	-1.16E-05	-1.53E-04	-4.45E-05	5.75E-05	8.71E-05	-6.63E-05				
69	937.00	5.28E-01	-2.72E-01	-4.92E-01	-1.15E+00	-5.21E-01	8.56E-01	1.35E+00	-1.05E+00	-35.45	-2.72E-01	1.15E+00	
	-88.00	2.29E-05	-7.86E-06	-1.63E-05	-8.88E-05	-4.01E-05	6.59E-05	5.45E-05	-3.95E-05				
70	1037.00	3.12E-02	9.44E-04	-5.24E-01	-1.96E+00	2.23E-01	1.88E+00	1.98E+00	-1.94E+00	-44.78	-1.35E+00	1.41E+00	
	-68.00	6.61E-06	5.44E-06	-1.48E-05	-1.51E-04	1.71E-05	1.44E-04	8.14E-05	-6.94E-05				
71	862.00	3.83E-01	3.11E-01	-2.90E-01	-8.72E-01	-4.57E-01	6.23E-01	1.22E+00	-5.26E-01	-43.81	3.83E-01	-8.72E-01	
	-18.00	1.03E-05	7.51E-06	-1.56E-05	-6.71E-05	-3.51E-05	4.79E-05	4.25E-05	-2.47E-05				
72	1012.00	-2.94E-01	-2.33E-01	-8.16E-01	-9.02E-01	1.11E-01	4.55E-01	6.39E-01	-1.17E+00	-45.96	-2.94E-01	-9.02E-01	
	-18.00	3.46E-06	5.78E-06	-1.66E-05	-6.94E-05	8.51E-06	3.50E-05	3.93E-05	-3.01E-05				
73	1387.00	-2.25E-01	-2.52E-01	-2.82E-01	-1.07E+00	-9.50E-03	7.34E-02	8.36E-01	-1.31E+00	-44.64	-2.25E-01	-1.07E+00	
	-303.00	-3.62E-07	-1.61E-06	-2.96E-06	-9.77E-05	-8.64E-07	6.67E-06	4.79E-05	-4.98E-05				
74	1387.00	-7.81E-02	-3.23E-02	-3.20E-01	-1.15E+00	-2.87E-02	1.19E-01	1.10E+00	-1.21E+00	-45.57	-7.81E-02	-1.15E+00	
	-213.00	2.04E-06	4.13E-06	-8.96E-06	-1.05E-04	-2.61E-06	1.08E-05	5.54E-05	-4.92E-05				
75	1387.00	-4.08E-02	-1.65E-01	-7.93E-01	-8.52E-01	-6.05E-02	2.60E-02	7.51E-01	-9.57E-01	-42.92	-4.08E-02	-8.52E-01	
	-138.00	4.31E-06	1.49E-06	-1.28E-05	-3.87E-05	-2.75E-06	1.18E-06	2.23E-05	-1.65E-05				
76	1187.00	3.70E-01	2.63E-01	-2.16E-01	-1.20E+00	-3.24E-01	-5.02E-01	1.52E+00	-8.87E-01	-43.73	3.70E-01	-1.20E+00	
	-68.00	9.64E-06	5.53E-06	-1.20E-05	-9.25E-05	-2.49E-05	-3.86E-05	5.39E-05	-3.87E-05				
77	1387.00	4.59E-01	3.76E-01	-2.53E-01	-7.38E-01	-2.19E-01	3.32E-01	1.16E+00	-3.23E-01	-43.41	3.76E-01	7.38E-01	
	-88.00	1.12E-05	8.07E-06	-1.61E-05	-5.68E-05	-1.67E-05	2.56E-05	3.81E-05	-1.88E-05				
78	1587.00	-8.29E-02	-6.62E-02	-5.72E-01	-8.05E-01	1.01E-01	-1.57E-01	7.31E-01	-8.80E-01	-45.30	-3.77E-01	7.47E-01	
	-68.00	4.74E-06	5.38E-06	-1.41E-05	-6.19E-05	7.77E-06	-1.20E-05	3.60E-05	-2.59E-05				
79	1237.00	5.04E-01	2.20E-01	-3.14E-01	-7.25E-01	-2.67E-01	1.59E-01	1.10E+00	-3.77E-01	-39.46	5.04E-01	-7.25E-01	
	-18.00	1.49E-05	3.96E-06	-1.66E-05	-5.58E-05	-2.06E-05	1.22E-05	3.78E-05	-1.90E-05				
80	1433.80	3.03E-01	2.28E-01	-3.84E-01	-8.29E-01	-2.86E-02	5.91E-02	1.10E+00	-5.64E-01	-43.72	3.03E-01	-8.29E-01	
	-8.00	1.00E-05	7.17E-06	-1.64E-05	-6.37E-05	-2.20E-06	4.54E-06	4.05E-05	-2.33E-05				
81	1533.90	4.81E-01	1.47E-01	-3.18E-01	-5.48E-01	2.80E-02	5.36E-02	8.86E-01	-2.59E-01	-36.53	1.47E-01	5.48E-01	
	-28.00	1.51E-05	2.25E-06	-1.56E-05	-4.21E-05	2.16E-06	4.12E-06	3.07E-05	-1.34E-05				
82	1633.80	4.03E-01	9.09E-02	-3.36E-01	-1.49E-01	1.46E-01	-7.31E-02	4.63E-01	3.12E-02	-21.84	3.14E-02	9.30E-03	
	-8.00	1.38E-05	1.77E-06	-1.47E-05	-1.15E-05	1.13E-05	-5.63E-06	1.61E-05	-5.31E-07				
83	1433.80	2.17E+00	9.81E-01	6.17E-01	-6.05E-01	-5.30E-01	1.06E-01	2.43E+00	7.28E-01	-22.71	9.81E-01	6.05E-01	
	27.60	4.21E-05	-3.70E-06	-1.77E-05	-4.65E-05	-4.08E-05	8.15E-06	5.19E-05	-1.34E-05				
84	1296.10	7.40E-01	1.19E-01	-3.15E-01	-6.35E-01	-2.79E-01	2.79E-01	1.14E+00	-2.78E-01	-31.96	5.04E-01	7.03E-01	
	40.70	2.25E-05	-1.42E-06	-1.81E-05	-4.89E-05	-2.15E-05	2.14E-05	3.77E-05	-1.67E-05				
85	1148.60	2.83E-01	-1.45E-01	-5.56E-01	-7.24E-01	-2.74E-01	-2.55E-01	8.24E-01	-6.86E-01	-36.77	-5.71E-01	-4.01E-01	
	87.33	1.55E-05	-9.82E-07	-1.68E-05	-5.57E-05	-2.10E-05	-1.96E-05	3.63E-05	-2.18E-05				
86	1131.40	2.78E+00	1.27E+00	8.19E-01	-3.44E-01	-1.15E+00	-1.19E-01	2.85E+00	1.19E+00	-12.25	1.27E+00	3.44E-01	
	112.00	5.34E-05	-4.74E-06	-2.19E-05	-2.65E-05	-8.87E-05	-9.16E-06	5.63E-05	-7.62E-06				
87	1010.80	8.62E-01	4.60E-01	-1.59E-01	-9.19E-01	-5.72E-01	1.37E+00	1.60E+00	-2.80E-01	-38.84	4.60E-01	9.19E-01	

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	34.67	2.04E-05	4.93E-06	-1.80E-05	-7.07E-05	-4.40E-05	1.06E-04	4.88E-05	-2.35E-05				
88	886.60	2.97E-01	1.76E-01	-4.25E-01	-6.96E-01	-2.69E-01	6.37E-01	9.30E-01	-4.67E-01	-42.73	2.87E-01	-6.96E-01	
	48.00	1.08E-05	6.361-06	-1.69E-05	-5.36E-05	-2.07E-05	4.90E-05	3.53E-05	-1.84E-05				
89	869.80	1.56E+00	6.02E-01	9.41E-02	-3.73E-01	-9.28E-01	-1.23E-01	1.69E+00	4.73E-01	-19.01	6.02E-01	3.73E-01	
	96.00	3.51E-05	-1.60E-06	-2.11E-05	-2.87E-05	-7.14E-05	-9.44E-06	4.01E-05	-6.55E-06				
90	952.60	1.73E-01	-7.84E-01	-9.47E-01	-1.05E+00	-3.31E-01	7.62E-01	8.48E-01	-1.46E+00	-32.74	-1.14E+00	7.96E-01	
	128.00	2.38E-05	-1.30E-05	-1.93E-05	-8.08E-05	-2.54E-05	5.86E-05	4.97E-05	-3.90E-05				
91	869.80	4.54E-01	1.71E-01	-3.74E-01	-4.23E-01	-4.17E-01	-7.89E-02	7.58E-01	-1.34E-01	-35.74	4.54E-01	-4.23E-01	
	160.00	1.47E-05	3.81E-06	-1.71E-05	-3.25E-05	-3.21E-05	-6.07E-06	2.64E-05	-7.90E-06				
92	869.90	2.33E+00	7.32E-01	3.38E-01	-3.20E-01	-1.70E+00	2.89E-01	2.39E+00	6.71E-01	-10.90	7.32E-01	3.20E-01	
	203.60	5.23E-05	-9.22E-06	-2.44E-05	-2.46E-05	-1.31E-04	2.22E-05	5.47E-05	-1.16E-05				
93	598.67	-1.77E-01	9.92E-02	-3.51E-01	-1.34E+00	-1.29E+00	1.62E+00	1.31E+00	-1.38E+00	-47.95	9.92E-02	1.34E+00	
	16.00	-2.11E-06	8.53E-06	-8.79E-06	-1.03E-04	-9.55E-05	1.25E-04	5.50E-05	-4.85E-05				
94	645.75	1.38E-01	1.92E-01	-1.97E-01	-8.68E-01	-4.78E-01	6.78E-01	1.03E+00	-7.04E-01	-45.90	1.36E-01	-8.68E-01	
	24.00	3.84E-06	5.93E-06	-9.04E-06	-6.68E-05	-3.68E-05	5.21E-05	3.83E-05	-2.85E-05				
95	613.10	3.25E-01	6.43E-01	1.79E-01	-1.52E+00	-6.16E-01	-5.10E-01	2.01E+00	-1.04E+00	-47.98	3.25E-01	-1.52E+00	
	69.33	-9.03E-08	1.21E-05	-5.72E-06	-1.17E-04	-4.74E-05	-3.93E-05	6.48E-05	-5.28E-05				
96	708.45	3.15E-01	1.34E-01	-2.93E-01	-7.11E-01	-5.06E-01	4.25E-01	9.42E-01	-4.92E-01	-41.38	5.61E-01	6.33E-01	
	55.00	1.04E-05	3.45E-06	-1.30E-05	-5.47E-05	-3.89E-05	3.27E-05	3.45E-05	-2.07E-05				
97	613.10	9.92E-01	2.92E-01	-8.61E-03	-5.04E-01	-2.05E+00	3.30E-01	1.26E+00	2.81E-02	-27.62	2.92E-01	5.04E-01	
	96.00	2.41E-05	-2.78E-06	-1.43E-05	-3.88E-05	-1.57E-04	2.54E-05	3.43E-05	-1.29E-05				
98	682.27	4.42E-01	2.47E-01	-1.94E-01	-9.54E-01	-6.26E-01	2.58E-01	1.30E+00	-6.15E-01	-42.08	-4.58E-01	5.26E-01	
	112.00	1.15E-05	4.06E-06	-1.29E-05	-7.34E-05	-4.82E-05	1.99E-05	4.47E-05	-2.91E-05				
99	751.43	1.46E+00	-1.19E-01	-9.20E-02	-1.06E+00	-1.12E+00	1.32E+00	1.99E+00	-6.47E-01	-26.59	-1.19E-01	1.06E+00	
	96.00	4.25E-05	-1.83E-05	-1.73E-05	-8.12E-05	-8.58E-05	1.01E-04	6.28E-05	-3.86E-05				
100	683.25	2.41E-01	1.31E-02	-4.06E-01	-3.57E-01	-4.94E-01	5.60E-01	5.02E-01	-2.47E-01	-36.14	2.41E-01	-3.57E-01	
	152.00	1.09E-05	2.17E-06	-1.39E-05	-2.74E-05	-3.80E-05	4.30E-05	2.10E-05	-7.85E-06				
101	648.67	1.78E+00	6.75E-01	2.74E-01	-1.80E-01	-1.46E+00	1.81E-01	1.81E+00	6.46E-01	-9.00	6.75E-01	1.80E-01	
	192.00	3.86E-05	-4.06E-06	-1.95E-05	-1.38E-05	-1.13E-04	1.39E-05	3.97E-05	-5.16E-06				
102	725.25	2.31E-01	-2.19E-01	-5.36E-01	-3.78E-01	-4.06E-01	4.89E-01	4.46E-01	-4.34E-01	-29.58	1.41E-02	4.40E-01	
	232.70	1.47E-05	-2.68E-06	-1.49E-05	-2.91E-05	-3.13E-05	3.76E-05	2.29E-05	-1.09E-05				
103	635.50	3.95E-01	6.56E-01	3.56E-02	5.55E-02	-3.27E-01	-5.20E-01	6.68E-01	3.84E-01	78.48	3.95E-01	5.55E-02	
	256.00	3.26E-06	1.33E-05	-1.06E-05	4.27E-06	-2.51E-05	-4.00E-05	1.37E-05	2.82E-06				
104	635.50	5.15E-01	3.96E-01	-2.67E-01	7.44E-02	-1.18E+00	4.18E-02	5.51E-01	3.61E-01	25.68	3.96E-01	-7.44E-02	
	290.67	1.27E-05	8.16E-06	-1.74E-05	5.73E-06	-9.11E-05	3.22E-06	1.41E-05	6.78E-06				
105	569.00	-4.52E-01	4.54E-02	-3.24E-01	-1.39E+00	-5.52E-01	1.34E+00	1.20E+00	-1.61E+00	-50.09	-4.52E-01	-1.39E+00	
	16.50	-9.36E-06	9.77E-06	-4.43E-06	-1.07E-04	-4.25E-05	1.03E-04	5.43E-05	-5.39E-05				
106	508.50	-3.77E+00	-2.53E+00	-2.65E+00	-1.16E+00	-1.42E+00	3.41E-01	-1.84E+00	-4.47E+00	-59.11	-2.53E+00	1.16E+00	
	13.00	-4.67E-05	1.01E-06	-3.57E-06	-8.89E-05	-1.09E-04	2.63E-05	2.76E-05	-7.33E-05				
107	521.00	-9.74E-01	-3.44E-01	-5.28E-01	-1.45E+00	-4.54E-01	6.83E-01	8.21E-01	-2.14E+00	-51.15	-9.74E-01	-1.45E+00	
	15.75	-1.72E-05	7.05E-06	-1.60E-08	-1.11E-04	-3.49E-05	5.25E-05	5.19E-05	-6.20E-05				
108	526.25	-8.55E-01	-3.01E-01	-5.03E-01	-1.58E+00	-3.92E-01	7.17E-01	1.03E+00	-2.18E+00	-49.98	-8.55E-01	-1.58E+00	
	21.00	-1.47E-05	6.65E-06	-1.10E-06	-1.22E-04	-3.02E-05	5.52E-05	5.77E-05	-6.57E-05				
109	515.50	-2.44E+00	-1.65E+00	-1.85E+00	-2.02E+00	-1.08E+00	3.44E-01	1.62E-02	-4.10E+00	-50.51	-1.65E+00	2.02E+00	
	26.00	-2.85E-05	1.78E-06	-5.91E-06	-1.55E-04	-8.34E-05	2.64E-05	6.58E-05	-9.25E-05				
110	531.50	-4.21E-01	-1.83E-01	-3.60E-01	-1.29E+00	-2.86E-01	6.44E-01	9.93E-01	-1.60E+00	-47.63	-4.21E-01	-1.29E+00	
	34.50	-5.60E-06	3.54E-06	-3.24E-06	-9.92E-05	-2.20E-05	4.95E-05	4.88E-05	-5.08E-05				
111	515.50	8.60E-01	1.54E+00	9.23E-01	-3.88E+00	-2.45E-01	-1.02E+00	5.09E+00	-2.69E+00	-47.49	8.60E-01	-3.88E+00	
	44.00	-3.38E-06	2.26E-05	-9.79E-07	-2.98E-04	-1.88E-05	-7.82E-05	1.59E-04	-1.40E-04				
112	515.50	-7.83E-02	-1.22E-01	-3.28E-01	-8.85E-01	-7.32E-01	2.87E-01	7.86E-01	-9.86E-01	-44.30	-1.22E-01	8.85E-01	
	53.33	2.79E-06	1.12E-06	-6.81E-06	-6.81E-05	-5.63E-05	2.21E-05	3.60E-05	-3.21E-05				
113	547.50	3.23E-01	-2.80E-01	-2.16E-01	-1.36E+00	-3.75E-01	2.03E+00	1.41E+00	-1.37E+00	-38.73	-7.04E-01	1.19E+00	
	64.00	1.43E-05	-8.87E-06	-6.41E-06	-1.04E-04	-2.88E-05	1.56E-04	5.62E-05	-5.07E-05				
114	515.50	1.02E+00	1.32E+00	7.82E-01	-1.63E+00	-1.18E-01	-7.87E-02	2.80E+00	-4.64E-01	-47.61	1.02E+00	-1.63E+00	
	74.67	4.97E-06	1.64E-05	-4.21E-06	-1.25E-04	-9.11E-06	-6.05E-06	7.35E-05	-5.21E-05				
115	515.50	1.98E+00	1.14E+00	9.65E-01	-5.84E-01	-5.04E-01	2.84E-01	2.20E+00	8.15E-01	-28.73	1.14E+00	5.84E-01	
	88.00	2.86E-05	-8.02E-08	-6.65E-06	-4.50E-05	-3.88E-05	2.19E-05	4.09E-05	-1.24E-05				
116	547.50	1.23E+00	1.81E-01	3.35E-01	-1.75E+00	-2.85E-01	1.16E+00	2.53E+00	-1.13E+00	-36.71	-5.82E-01	1.30E+00	
	104.00	2.80E-05	-1.22E-05	-6.26E-06	-1.35E-04	-2.19E-05	8.96E-05	7.83E-05	-6.24E-05				
117	515.50	3.02E-01	4.62E-01	6.40E-02	-1.32E+00	-5.47E-02	2.32E-01	1.71E+00	-9.42E-01	-46.73	3.02E-01	-1.32E+00	
	120.00	2.51E-06	8.67E-06	-6.63E-06	-1.02E-04	-4.21E-06	1.78E-05	5.65E-05	-4.53E-05				
118	515.50	1.02E+00	5.54E-01	3.00E-01	-5.04E-01	-3.63E-01	2.34E-01	1.34E+00	2.31E-01	-32.71	5.54E-01	5.04E-	
	136.00	[illegible]95E-05	7.77E-07	-9.00E-06	-3.88E-05	-2.79E-05	[illegible]-05	3.09E-05	-1.17E-05				
119	54[illegible]	[illegible]10E+00	5.59E-01	3.56E-01	-1.11E+00	-1.87E-01	[illegible]-01	1.98E+00	-3.17E-01	-38.15	6.65E-02	8.	

	152	2.02E-05	-6.65E-07	-8.47E-06	-8.55E-05	-1.44E-05	[illegible]2E-05	5.35E-05	-3.43E-05				
120	515.	5.45E-01	6.53E-01	1.64E-01	-8.79E-01	-1.12E-01	[illegible]4E-01	1.48E+00	-2.81E-01	-46.76	5.45E-01	-8.79E-01	
	168.00	5.99E-06	1.02E-05	-8.67E-06	-6.76E-05	-8.63E-06	-1.89E-05	4.19E-05	-2.56E-05				
121	515.50	1.52E+00	8.50E-01	5.36E-01	-3.70E-01	-5.67E-01	1.67E-01	1.69E+00	6.93E-01	-23.97	8.58E-01	3.70E-01	
	184.00	2.66E-05	9.20E-07	-1.15E-05	-2.84E-05	-4.36E-05	1.29E-05	3.29E-05	-5.40E-06				
122	547.50	5.34E-01	-3.41E-01	-3.16E-01	-1.20E+00	-2.59E-01	9.43E-01	1.37E+00	-1.16E+00	-34.96	-8.52E-01	8.49E-01	
	200.00	2.13E-05	-1.18E-05	-1.08E-05	-9.20E-05	-1.99E-05	7.26E-05	5.40E-05	-4.39E-05				
123	515.50	-1.54E-01	-1.47E-01	-4.97E-01	-5.87E-01	-6.99E-02	-3.25E-01	4.36E-01	-7.37E-01	-45.18	-1.54E-01	-5.87E-01	
	216.00	2.94E-06	3.13E-06	-1.04E-05	-4.51E-05	-5.38E-06	-2.50E-05	2.55E-05	-1.96E-05				
124	515.50	1.80E-01	-3.65E-02	-4.18E-01	-1.06E-01	-4.71E-01	1.13E-01	2.23E-01	-7.97E-02	-22.20	-3.65E-02	1.06E-01	
	232.00	5.92E-06	1.61E-06	-1.30E-05	-8.14E-06	-3.62E-05	8.70E-06	1.16E-05	-4.88E-08				
125	547.50	-2.68E-01	-4.56E-01	-7.52E-01	-2.44E-01	-1.87E-01	1.20E+00	-1.12E-01	-6.51E-01	-32.46	-5.97E-01	1.61E-01	
	248.00	6.36E-06	-2.41E-06	-1.23E-05	-1.88E-05	-1.44E-05	9.24E-05	1.23E-05	-8.38E-06				
126	515.50	-6.41E-01	-7.76E-01	-9.50E-01	1.48E-01	6.51E-02	1.23E-03	-5.46E-01	-8.71E-01	32.74	-6.41E-01	1.48E-01	
	264.00	1.35E-06	-3.83E-06	-1.05E-05	1.14E-05	5.01E-06	9.44E-08	5.00E-06	-7.46E-06				
127	515.50	-2.74E-01	-3.00E-01	-6.24E-01	3.39E-02	-8.30E-02	7.99E-02	-2.51E-01	-3.23E-01	34.77	-3.00E-01	-3.39E-02	
	276.00	2.61E-06	1.63E-06	-1.08E-05	2.61E-06	-6.39E-06	6.15E-06	3.51E-06	7.30E-07				
128	531.50	-5.93E-01	-3.14E-01	-7.21E-01	1.04E-02	5.45E-02	5.53E-02	-3.14E-01	-5.93E-01	87.86	-5.93E-01	1.04E-02	
	297.00	-4.91E-06	5.80E-06	-9.83E-06	8.02E-07	4.19E-06	4.26E-06	5.81E-06	-4.93E-06				
129	515.50	-1.34E+00	-6.45E-01	-1.11E+00	3.50E-01	6.40E-02	-1.59E-01	-4.99E-01	-1.48E+00	67.37	-1.34E+00	3.50E-01	
	320.00	-1.75E-05	9.20E-06	-8.73E-06	2.69E-05	3.39E-06	-1.22E-05	1.48E-05	-2.31E-05				
183	565.50	-1.58E-01	3.35E-01	-8.99E-03	-2.11E+00	-7.20E-01	1.50E+00	2.22E+00	-2.04E+00	-48.33	-1.58E-01	-2.11E+00	
	-8.00	-7.92E-06	1.10E-05	-2.20E-06	-1.63E-04	-5.54E-05	1.16E-04	8.34E-05	-8.02E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3271E+02	.2024E+03	.6272E+02	-.1414E+02	-.1666E+02	.1509E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2689E+01	-.1017E+01	-.2375E+00	-.1940E+02	.5299E+01	.1213E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2000E+01	.3083E+00	-.6763E-01	-.3394E+02	.1067E+02	.2331E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2940E+01	-.6925E+00	.6371E-01	-.4829E+02	.1805E+02	.3448E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.3504E+01	.5338E+00	.1646E-01	-.6249E+02	.2530E+02	.4705E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.3280E-01	.2893E+00	-.1462E+00	-.9353E+02	.3329E+02	.6351E+02
25	-.7532E+01	-.1223E+01	.8494E-02	-.1029E+03	.3680E+02	.8041E+02
26	-.5522E+00	-.3436E+00	.9097E-01	-.1119E+03	.3951E+02	.9279E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4642E+02	.8628E+01	-.1357E+01	-.1157E+03	.5983E+02	.1032E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.6446E+03	-.1176E+03	.0308E+01	-.1651E+03	.1727E+03	.1685E+03
40	-.5021E+03	-.8308E+02	.2661E+01	-.1569E+03	.1696E+03	.1530E+03
41	-.3648E+03	-.5635E+02	-.4009E+01	-.1365E+03	.1532E+03	.1310E+03
42	-.1029E+03	-.1066E+02	-.5625E+01	-.1175E+03	.1067E+03	.1135E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1172E+04	.1603E+03	.6221E+01	-.3338E+02	.1915E+03	-.1131E+03
48	.1029E+04	.1381E+03	.7225E+01	-.4494E+02	.1784E+03	-.7855E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1445E+04	.2183E+03	.7235E+01	.6059E+02	.1361E+03	-.2804E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.4756E+01	-.1952E+01	.1664E+00	-.1959E+02	.1862E+03	-.1086E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.9880E+03	.1490E+03	.7112E+01	.3699E+02	.1040E+03	-.2582E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.6895E+03	.1041E+03	.9394E+01	.3718E+02	.8988E+02	-.2499E+03
66	.2226E+03	.3380E+02	.1170E+02	.4287E+02	.5423E+02	-.2608E+03
67	-.4856E+03	-.7276E+02	.1168E+02	.4243E+02	.1520E+02	-.2592E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3612E+03	-.1294E+03	.9554E+01	.7243E+00	-.2650E+02	-.2822E+03
76	.9714E+02	.1388E+02	.6439E+01	-.1074E+02	-.7304E+02	-.2922E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3635E+03	-.5570E+02	.4689E+01	-.1830E+02	-.1236E+03	-.2795E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1556E+03	.2192E+02	.3214E+01	-.3864E+02	-.1519E+03	-.2785E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2131E+03	-.3350E+02	.2555E+01	-.2315E+02	-.1936E+03	-.2537E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1427E+03	.1934E+02	.2395E+01	-.1502E+02	-.2159E+03	-.2292E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1637E+03	-.2696E+02	.2383E+01	-.1949E+02	-.2514E+03	-.2080E+03
109	.1000E+03	.1240E+02	.2005E+01	-.1950E+02	-.2711E+03	-.1784E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1377E+03	-.2353E+02	.1855E+01	-.5577E+01	-.2979E+03	-.1536E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.6114E+02	-.1213E+02	.3084E-01	.2696E+01	-.3048E+03	-.1258E+03
115	-.3971E+02	-.9034E+01	-.7616E+00	.1243E+02	-.3050E+03	-.9590E+02
116	-.8448E+02	-.1603E+02	-.1963E+01	.1492E+02	-.3109E+03	-.8276E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.9047E+02	-.1705E+02	-.2892E+01	.8140E+01	-.3144E+03	-.6430E+02
119	-.8051E+02	-.1522E+02	-.4180E+01	.2106E+02	-.2822E+03	-.4745E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1545E+03	-.1814E+02	-.9314E+01	.1108E+02	-.2303E+03	-.3232E+02
122	-.1293E+03	-.5775E+01	-.1337E+02	-.9176E+01	-.2199E+03	-.2299E+02
123	-.9815E+02	-.3177E+01	-.1171E+02	-.5688E+01	-.1907E+03	-.2029E+02
124	-.6817E+02	-.2140E+01	-.8079E+01	-.3981E+01	-.1559E+03	-.1811E+02
125	-.4237E+02	-.3313E+00	-.5911E+01	-.2571E+01	-.1277E+03	-.1604E+02
126	-.8656E+01	.4712E+01	-.5470E+01	-.7503E+00	-.1054E+03	-.1382E+02
127	.1566E+02	.8679E+01	-.5500E+01	.4631E+00	-.8812E+02	-.1110E+02
128	.3945E+02	.1164E+02	-.4969E+01	.3316E+01	-.5357E+02	-.8087E+01
129	.3828E+02	.9808E+01	-.3848E+01	.4559E+01	-.2671E+02	-.5623E+01
130	.2571E+02	.5828E+01	-.2456E+01	.4730E+01	-.7925E+01	-.4171E+01
131	.6350E+01	.9869E+00	-.1315E+01	.4007E+01	.7085E+00	-.3538E+01
132	-.8204E+00	-.4850E+00	-.9068E+00	.2587E+01	-.1483E+01	-.3270E+01
133	-.1342E+01	-.3940E+00	-.8872E+00	.1751E+01	-.3556E+01	-.2876E+01
134	-.3580E+00	-.9950E-01	-.9260E+00	.1330E+01	-.3371E+01	-.2294E+01
135	.2383E-01	.7165E-02	-.1048E+01	.1016E+01	-.2366E+01	-.1686E+01
136	.1278E-01	.4288E-03	-.1402E+01	.7059E+00	-.1498E+01	-.1116E+01
137	.4963E-01	.1768E-01	-.2290E+01	.4538E+00	-.6587E+00	-.6052E+00
138	-.3425E-01	-.7030E-01	-.4657E+02	.2484E+00	.1584E+00	-.2890E+00
139	-.4938E-01	-.8001E-01	.3821E+02	.4503E-01	-.8267E-01	.7377E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.52356E-02	.81660E-05	-.50752E-02	.00000E+00
3	.92074E-02	.43749E-04	-.92274E-02	.00000E+00
4	.99085E-02	.42653E-04	-.99854E-02	.00000E+00
5	.10606E-01	.25309E-04	-.10608E-01	.00000E+00
6	.11539E-01	-.70741E-05	-.11541E-01	-.14283E-05
7	.10862E-01	.58610E-05	-.10854E-01	.00000E+00
8	.11546E-01	-.32783E-04	-.11519E-01	-.86144E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.50108E-02	.30377E-04	-.49312E-02	.00000E+00
11	.91372E-02	.19729E-04	-.89959E-02	.00000E+00
12	.10132E-01	-.19574E-04	-.99579E-02	.00000E+00
13	.10826E-01	-.47297E-04	-.10624E-01	.00000E+00
14	.11592E-01	-.11983E-03	-.11458E-01	-.77360E-06
15	.10951E-01	-.71169E-04	-.10580E-01	.00000E+00
	.11659E-01	-.18140E-03	-.11368E-01	18417E-05
	.00000E+00	.00000E+00	.00000E+00	00000E+00
	.50188E-02	.31100E-04	-.47061E-02	00000E+00

	.02171E-02	-.43368E-04	-.86886E-02	.00000E+00
	.10266E-01	-.94578E-04	-.96605E-02	.00000E+00
21	.11000E-01	-.15102E-03	-.10354E-01	.00000E+00
22	.11760E-01	-.31172E-03	-.11252E-01	-.24572E-06
23	.11209E-01	-.12204E-03	-.10275E-01	.00000E+00
24	.11881E-01	-.23525E-03	-.11120E-01	.94507E-06
25	.11976E-01	-.23558E-03	-.11071E-01	-.12059E-05
26	.12026E-01	-.27201E-03	-.11056E-01	-.25876E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.50029E-02	.61052E-04	-.41339E-02	.00000E+00
29	.93390E-02	-.53400E-04	-.78314E-02	.00000E+00
30	.10360E-01	-.15152E-03	-.90097E-02	.00000E+00
31	.11191E-01	-.17779E-03	-.98360E-02	.00000E+00
32	.12086E-01	-.27914E-03	-.11047E-01	.47728E-05
33	.11164E-01	-.12141E-03	-.95376E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.49753E-02	.13941E-03	-.38791E-02	.00000E+00
36	.93907E-02	-.58572E-04	-.72094E-02	.00000E+00
37	.10441E-01	-.12733E-03	-.85424E-02	.00000E+00
38	.11448E-01	-.25679E-03	-.97345E-02	.00000E+00
39	.12159E-01	-.36101E-03	-.10995E-01	-.94785E-05
40	.12145E-01	-.27646E-03	-.11005E-01	-.58966E-05
41	.12131E-01	-.23103E-03	-.11018E-01	-.23858E-05
42	.12117E-01	-.23027E-03	-.11036E-01	.18639E-05
43	.10340E-01	.10678E-04	-.66197E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.45691E-02	-.74591E-04	-.23320E-02	.00000E+00
46	.93514E-02	.40500E-05	-.50415E-02	.00000E+00
47	.12165E-01	-.42426E-03	-.10973E-01	-.56498E-05
48	.12164E-01	-.39619E-03	-.10992E-01	-.10626E-04
49	.11436E-01	-.22605E-03	-.95520E-02	.00000E+00
50	.12291E-01	-.40958E-03	-.11032E-01	-.30112E-04
51	.11673E-01	-.10905E-03	-.81164E-02	.00000E+00
52	.12927E-01	-.32947E-03	-.90290E-02	.00000E+00
53	.12164E-01	-.43389E-03	-.10906E-01	.16044E-05
54	.10356E-01	-.49052E-04	-.50358E-02	.00000E+00
55	.11533E-01	-.10331E-03	-.51907E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.37775E-02	.42756E-03	-.19624E-04	.00000E+00
58	.79450E-02	.54499E-04	.52184E-03	.00000E+00
59	.13163E-01	-.47486E-03	-.66386E-02	.00000E+00
60	.13046E-01	-.39328E-03	-.81835E-02	.00000E+00
61	.12407E-01	-.41411E-03	-.11053E-01	-.46225E-04
62	.93493E-02	-.17192E-03	.57743E-03	.00000E+00
63	.10826E-01	-.34059E-03	-.11713E-02	.00000E+00
64	.13176E-01	-.39511E-03	-.91806E-02	.00000E+00
65	.12563E-01	-.41927E-03	-.11072E-01	-.57305E-04
66	.12949E-01	-.43110E-03	-.11110E-01	-.69153E-04
67	.13362E-01	-.44463E-03	-.11152E-01	-.65412E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.28374E-02	-.43140E-04	.12494E-02	.00000E+00
70	.80437E-02	-.25976E-03	.38634E-02	.00000E+00
71	.12564E-01	-.72470E-03	-.47399E-03	.00000E+00
72	.13536E-01	-.46415E-03	-.88634E-02	.00000E+00
73	.97448E-02	-.42034E-03	.70051E-02	.00000E+00
74	.14332E-01	-.60738E-03	-.95327E-02	.00000E+00
75	.13710E-01	-.45784E-03	-.11187E-01	-.49224E-04
76	.14172E-01	-.45523E-03	-.11334E-01	-.34104E-04
77	.11356E-01	-.90915E-03	.55539E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.33007E-02	.16162E-03	.29720E-02	.00000E+00
80	.73750E-02	-.23027E-03	.65144E-02	.00000E+00
81	.79682E-02	-.53193E-03	.78692E-02	.00000E+00
82	.92528E-02	-.81165E-03	.63894E-02	.00000E+00

83	.13923E-01	-.13032E-02	-.33422E-03	.00000E+00
84	.12367E-01	-.14394E-02	.67664E-02	.00000E+00
85	.14696E-01	-.49522E-03	-.11450E-01	-.27121E-04
86	.14870E-01	-.62199E-03	-.10499E-01	.00000E+00
87	.10943E-01	-.11576E-02	.87422E-02	.00000E+00
88	.14753E-01	-.92581E-03	-.52617E-02	.00000E+00
89	.15045E-01	-.50330E-03	-.11628E-01	-.21224E-04
90	.66115E-02	-.29507E-03	.17274E-01	.00000E+00
91	.73286E-02	-.61321E-03	.17043E-01	.00000E+00
92	.79826E-02	-.73184E-03	.17385E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.23446E-02	.00000E+00	.88162E-02	.00000E+00
95	.46562E-02	.00000E+00	.15734E-01	.00000E+00
96	.56022E-02	.00000E+00	.17162E-01	.00000E+00
97	.56604E-02	.00000E+00	.18498E-01	.00000E+00
98	.52574E-02	.00000E+00	.18667E-01	.00000E+00
99	.64581E-02	-.24763E-03	.18919E-01	.00000E+00
100	.96228E-02	-.98024E-03	.14548E-01	.00000E+00
101	.13140E-01	-.14598E-02	.82197E-02	.00000E+00
102	.15596E-01	-.54129E-03	-.11831E-01	-.19374E-04
103	.14410E-01	-.14418E-02	.12058E-02	.00000E+00
104	.15974E-01	-.61978E-03	-.10962E-01	.00000E+00
105	.15967E-01	-.58096E-03	-.12047E-01	-.16368E-04
106	.15253E-01	-.16420E-02	-.17942E-02	.00000E+00
107	.16521E-01	-.78336E-03	-.10533E-01	.00000E+00
108	.16399E-01	-.62652E-03	-.12207E-01	-.15474E-04
109	.16699E-01	-.66365E-03	-.12407E-01	-.13185E-04
110	.16060E-01	-.16569E-02	-.26729E-02	.00000E+00
111	.17101E-01	-.80052E-03	-.10483E-01	.00000E+00
112	.17039E-01	-.71129E-03	-.12521E-01	-.11770E-04
113	.16925E-01	-.16571E-02	-.57504E-02	.00000E+00
114	.17211E-01	-.75545E-03	-.12716E-01	-.36189E-05
115	.17236E-01	-.80401E-03	-.12811E-01	.16300E-05
116	.17116E-01	-.85555E-03	-.12973E-01	.91831E-05
117	.17137E-01	-.70389E-03	-.11687E-01	.00000E+00
118	.16973E-01	-.87503E-03	-.13027E-01	.14593E-04
119	.16601E-01	-.91169E-03	-.13100E-01	.22819E-04
120	.17489E-01	-.11943E-02	-.11945E-01	.00000E+00
121	.15917E-01	-.94193E-03	-.13218E-01	.34900E-04
122	.15846E-01	-.12240E-02	-.13272E-01	.39822E-04
123	.15745E-01	-.14764E-02	-.13318E-01	.43604E-04
124	.15634E-01	-.17527E-02	-.13363E-01	.47756E-04
125	.15402E-01	-.20557E-02	-.13411E-01	.52322E-04
126	.15228E-01	-.26077E-02	-.13489E-01	.56426E-04
127	.14959E-01	-.31708E-02	-.13565E-01	.54935E-04
128	.14476E-01	-.42482E-02	-.13720E-01	.41015E-04
129	.14178E-01	-.49577E-02	-.13863E-01	.23310E-04
130	.14050E-01	-.52953E-02	-.14019E-01	.37572E-05
131	.14177E-01	-.49539E-02	-.14255E-01	-.15166E-04
132	.14433E-01	-.41238E-02	-.14460E-01	-.19647E-04
133	.14653E-01	-.32751E-02	-.14638E-01	-.16912E-04
134	.14900E-01	-.26042E-02	-.14781E-01	-.14346E-04
135	.14905E-01	-.19923E-02	-.14694E-01	-.13668E-04
136	.14982E-01	-.13651E-02	-.14977E-01	-.13831E-04
137	.15026E-01	-.75506E-03	-.15025E-01	-.13928E-04
138	.15057E-01	-.11222E-03	-.15057E-01	-.14089E-04
139	.15057E-01	-.13285E-04	-.15057E-01	-.13996E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1700E+01

ELM	R-DR	-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RT-STRESS	ESS MAX-STRESS	MIN-STRESS	ANGLE IN	JK-STRESS	JK-SH
	Z-	-STRAIN	Z-STRAIN	T-STRAIN	RZ-STRAIN	RT-STRAIN	RAIN MAX-STRAIN	MIN-STRAIN	RZ-PLANE		

1	72.00	-5.38E-03	1.68E-02	3.01E-02	6.27E-01	-3.67E-03	-6.[illegible]E-01	6.33E-01	-6.22E-01	45.50	-5.38E-03	6.27E-[illegible]	
	-303.00	-7.11E-07	2.15E-07	8.34E-07	5.70E-05	-3.33E-07	-5.57E-05	2.82E-05	-2.88E-05				
2	72.00	-6.37E-03	1.92E-02	4.39E-02	4.95E-01	5.41E-04	-5.06E-01	5.01E-01	-4.89E-01	45.74	-6.37E-03	4.95E-01	
	-213.00	-1.02E-06	1.37E-07	1.25E-06	4.50E-05	4.92E-08	-4.60E-05	2.21E-05	-2.29E-05				
3	72.00	5.51E-02	1.67E-02	6.50E-02	3.04E-01	3.06E-03	-3.22E-01	3.41E-01	-2.69E-01	43.20	5.51E-02	3.04E-01	
	-138.00	5.34E-07	-3.37E-07	7.60E-07	1.38E-05	1.39E-07	-1.46E-05	7.03E-06	-6.83E-06				
4	24.00	4.95E-02	-7.33E-02	-1.26E-01	5.05E-01	-2.74E-03	-4.81E-01	4.97E-01	-5.21E-01	41.53	4.95E-02	5.05E-01	
	-68.00	3.55E-06	-1.17E-06	-3.21E-06	3.89E-05	-2.10E-07	-3.70E-05	2.08E-05	-1.84E-05				
5	72.00	6.93E-03	7.43E-02	1.21E-01	2.23E-01	5.42E-02	-2.88E-01	2.67E-01	-1.85E-01	49.29	7.43E-02	-2.23E-01	
	-88.00	-1.95E-06	6.38E-07	2.42E-06	1.72E-05	4.18E-06	-2.21E-05	8.03E-06	-9.35E-06				
6	120.00	1.09E-02	1.10E-02	6.17E-02	4.49E-01	2.25E-02	-4.81E-01	4.60E-01	-4.38E-01	45.00	4.52E-01	-8.09E-02	
	-68.00	-5.00E-07	-4.95E-07	1.45E-06	3.45E-05	1.73E-06	-3.70E-05	1.68E-05	-1.78E-05				
7	36.25	1.22E-01	5.86E-02	8.02E-02	1.77E-01	-2.31E-02	-1.78E-01	2.70E-01	-8.93E-02	39.90	1.16E-01	1.78E-01	
	-19.00	1.83E-06	-6.15E-07	2.17E-07	1.36E-05	-1.78E-06	-1.37E-05	7.52E-06	-6.30E-06				
8	108.00	1.46E-04	-2.66E-02	2.06E-02	1.50E-01	1.50E-02	-1.62E-01	1.37E-01	-1.64E-01	42.45	1.46E-04	1.50E-01	
	-19.00	6.97E-08	-9.58E-07	8.57E-07	1.15E-05	1.15E-06	-1.25E-05	5.34E-06	-6.23E-06				
9	216.00	3.69E-02	4.38E-02	4.63E-02	6.13E-01	3.60E-03	-5.90E-01	6.53E-01	-5.73E-01	45.16	3.69E-02	6.13E-01	
	-303.00	2.80E-08	3.43E-07	4.54E-07	5.57E-05	3.27E-07	-5.36E-05	2.80E-05	-2.77E-05				
10	216.00	5.33E-02	3.60E-02	7.36E-02	5.06E-01	6.81E-03	-4.92E-01	5.51E-01	-4.62E-01	44.51	5.33E-02	5.06E-01	
	-213.00	3.05E-07	-4.77E-07	1.23E-06	4.60E-05	6.19E-07	-4.48E-05	2.29E-05	-2.31E-05				
11	216.00	8.78E-02	2.21E-02	1.29E-01	3.64E-01	9.26E-03	-3.51E-01	4.21E-01	-3.11E-01	42.42	8.78E-02	3.64E-01	
	-138.00	7.43E-07	-7.51E-07	1.68E-06	1.66E-05	4.21E-07	-1.60E-05	8.31E-06	-8.32E-06				
12	168.00	9.76E-02	6.01E-03	7.93E-02	4.73E-01	-5.56E-03	-4.22E-01	5.27E-01	-4.24E-01	42.24	9.76E-02	4.73E-01	
	-68.00	1.75E-06	-1.78E-06	1.04E-06	3.64E-05	-4.28E-07	-3.25E-05	1.83E-05	-1.83E-05				
13	216.00	-4.94E-02	4.12E-02	9.88E-02	2.07E-01	1.00E-01	-2.93E-01	2.08E-01	-2.16E-01	51.17	4.12E-02	-2.07E-01	
	-88.00	-2.90E-06	5.88E-07	2.80E-06	1.59E-05	7.71E-06	-2.26E-05	6.99E-06	-9.30E-06				
14	264.00	8.24E-02	2.02E-02	1.25E-01	4.50E-01	1.10E-02	-4.95E-01	5.03E-01	-4.00E-01	43.03	4.89E-01	-1.12E-01	
	-68.00	6.73E-07	-1.72E-06	2.29E-06	3.47E-05	8.47E-07	-3.81E-05	1.68E-05	-1.79E-05				
15	180.00	9.46E-02	1.88E-02	9.58E-02	1.57E-01	-5.85E-03	-1.74E-01	2.19E-01	-1.05E-01	38.23	9.46E-02	1.57E-01	
	-19.00	1.34E-06	-1.58E-06	1.39E-06	1.21E-05	-4.50E-07	-1.34E-05	6.11E-06	-6.35E-06				
16	252.00	5.62E-02	-2.99E-02	7.61E-02	1.45E-01	7.42E-03	-1.80E-01	1.64E-01	-1.38E-01	36.73	5.62E-02	1.45E-01	
	-19.00	1.04E-06	-2.28E-06	1.80E-06	1.11E-05	5.71E-07	-1.38E-05	5.20E-06	-6.43E-06				
17	361.00	5.49E-02	6.74E-02	7.41E-02	6.14E-01	1.26E-02	-5.41E-01	6.75E-01	-5.52E-01	45.29	5.49E-02	6.14E-01	
	-303.00	-5.46E-08	5.12E-07	8.18E-07	5.58E-05	1.14E-06	-4.92E-05	2.81E-05	-2.77E-05				
18	361.00	7.57E-02	4.45E-02	1.17E-01	5.22E-01	2.93E-02	-4.69E-01	5.83E-01	-4.62E-01	44.15	7.57E-02	5.22E-01	
	-213.00	3.63E-07	-1.05E-06	2.23E-06	4.75E-05	2.67E-06	-4.27E-05	2.34E-05	-2.41E-05				
19	361.00	1.07E-01	2.07E-02	1.97E-01	3.75E-01	5.28E-02	-3.89E-01	4.41E-01	-3.13E-01	41.70	1.07E-01	3.75E-01	
	-138.00	7.37E-07	-1.23E-06	2.76E-06	1.70E-05	2.40E-06	-1.77E-05	8.32E-06	-8.82E-06				
20	312.00	1.94E-01	5.15E-02	1.69E-01	5.28E-01	-1.10E-02	-4.30E-01	6.56E-01	-4.10E-01	41.17	1.94E-01	5.28E-01	
	-68.00	2.90E-06	-2.57E-06	1.94E-06	4.06E-05	-8.47E-07	-3.31E-05	2.07E-05	-2.03E-05				
21	360.67	-1.23E-01	1.31E-02	9.23E-02	2.62E-01	1.80E-01	-4.02E-01	2.16E-01	-3.26E-01	52.26	1.31E-02	-2.62E-01	
	-88.00	-4.54E-06	6.96E-07	3.74E-06	2.02E-05	1.38E-05	-3.09E-05	8.51E-06	-1.23E-05				
22	409.33	1.30E-01	1.25E-01	2.22E-01	5.34E-01	3.43E-02	-6.27E-01	6.62E-01	-4.07E-01	44.87	6.50E-01	-1.13E-01	
	-68.00	-2.44E-07	-4.34E-07	3.30E-06	4.11E-05	2.64E-06	-4.83E-05	2.02E-05	-2.09E-05				
23	324.00	1.73E-01	5.39E-02	1.71E-01	1.71E-01	-9.50E-03	-1.87E-01	2.94E-01	-6.72E-02	35.36	1.73E-01	1.71E-01	
	-19.00	2.29E-06	-2.30E-06	2.20E-06	1.31E-05	-7.31E-07	-1.44E-05	6.95E-06	-6.96E-06				
24	372.00	3.06E-02	-1.90E-01	2.76E-02	4.73E-01	-1.51E-02	-5.53E-01	4.06E-01	-5.66E-01	38.44	3.06E-02	4.73E-01	
	-9.33	2.63E-06	-5.86E-06	2.51E-06	3.64E-05	-1.16E-06	-4.25E-05	1.71E-05	-2.03E-05				
25	401.25	1.12E-01	4.93E-02	1.59E-01	1.63E-01	2.00E-02	-2.27E-01	2.46E-01	-8.55E-02	39.57	-5.17E-02	1.00E-01	
	-19.00	7.84E-07	-1.62E-06	2.59E-06	1.25E-05	1.54E-06	-1.75E-05	5.97E-06	-6.80E-06				
26	427.67	1.46E-01	-6.83E-02	1.46E-01	5.85E-01	-3.51E-02	-8.11E-01	6.33E-01	-5.56E-01	39.81	4.71E-01	4.08E-01	
	-9.33	3.15E-06	-5.09E-06	3.17E-06	4.50E-05	-2.70E-06	-6.24E-05	2.19E-05	-2.38E-05				
27	457.00	7.65E-02	1.08E-01	1.07E-01	6.19E-01	1.86E-02	-4.91E-01	7.11E-01	-5.27E-01	45.72	7.65E-02	6.19E-01	
	-303.00	-3.00E-07	1.11E-06	1.08E-06	5.63E-05	1.69E-06	-4.46E-05	2.86E-05	-2.77E-05				
28	457.00	7.70E-02	3.31E-02	1.39E-01	5.44E-01	7.08E-02	-4.30E-01	5.99E-01	-4.89E-01	43.84	7.70E-02	5.44E-01	
	-213.00	2.62E-07	-1.74E-06	3.09E-06	4.94E-05	6.44E-06	-3.91E-05	2.40E-05	-2.55E-05				
29	457.00	1.91E-01	6.66E-02	2.94E-01	3.84E-01	1.77E-01	-4.56E-01	5.18E-01	-2.66E-01	40.40	1.91E-01	3.84E-01	
	-138.00	1.45E-06	-1.38E-06	3.80E-06	1.75E-05	8.05E-06	-2.07E-05	8.97E-06	-8.81E-06				
30	442.00	4.92E-02	6.74E-02	1.58E-01	5.65E-01	1.22E-01	-4.68E-01	6.23E-01	-5.06E-01	45.46	4.92E-02	5.65E-01	
	-68.00	-1.12E-06	-4.24E-07	3.05E-06	4.34E-05	9.38E-06	-3.60E-05	2.10E-05	-2.25E-05				
31	457.33	-7.26E-01	-4.06E-01	-3.02E-01	2.49E-01	4.91E-01	-3.29E-01	-2.70E-01	-8.62E-01	61.36	-4.06E-01	-2.49E-01	
	-88.00	-1.22E-05	1.33E-07	4.15E-06	1.91E-05	3.78E-05	-2.53E-05	5.36E-06	-1.74E-05				
32	472.67	9.09E-01	5.53E-01	7.67E-01	5.13E-01	-1.69E-01	-7.29E-01	1.34E+00	2.16E-01	33.25	1.28E+00	2.47E-01	

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	-68.00	1.29E-05	-4.22E-06	4.02E-06	3.95E-05	-1.30E-05	-5.61E-05	2.59E-05	-1.72E-05				
33	443.00	1.93E-01	1.12E-01	2.27E-01	2.51E-01	4.02E-02	-2.95E-01	4.07E-01	-1.02E-01	40.45	1.93E-01	2.51E-01	
	-10.50	1.57E-06	-3.52E-06	2.80E-06	1.93E-05	3.09E-06	-2.27E-05	9.81E-06	-9.76E-06				
34	454.00	6.87E-01	2.37E-01	4.88E-01	6.81E-01	-2.06E-01	-1.07E+00	1.16E+00	-2.66E-01	36.43	9.18E-01	5.35E-01	
	-11.33	1.01E-05	-6.08E-06	3.58E-06	5.24E-05	-1.59E-05	-8.23E-05	2.94E-05	-2.54E-05				
35	461.67	-8.09E-02	-2.93E-01	-2.15E-02	6.48E-01	-2.96E-02	-1.06E+00	4.70E-01	-8.44E-01	40.35	-8.09E-02	6.48E-01	
	-12.00	1.24E-06	-6.53E-06	3.52E-06	4.99E-05	-2.27E-06	-8.18E-05	2.24E-05	-2.81E-05				
36	469.00	-2.89E-01	-1.53E-01	-4.39E-02	1.03E-01	4.70E-01	-4.52E-01	-9.76E-02	-3.45E-01	61.71	-1.53E-01	-1.03E-01	
	-30.00	-5.78E-06	-5.46E-07	3.65E-06	7.93E-06	3.62E-05	-3.47E-05	1.59E-06	-7.91E-06				
37	476.33	7.18E-02	-7.28E-02	1.31E-01	4.10E-01	-3.49E-02	-9.06E-01	4.16E-01	-4.17E-01	40.00	2.26E-01	3.49E-01	
	-12.00	1.34E-06	-4.22E-06	3.60E-06	3.15E-05	-2.68E-06	-6.97E-05	1.46E-05	-1.75E-05				
38	558.50	-3.89E-03	3.25E-02	5.74E-02	5.76E-01	3.78E-02	-3.80E-01	5.90E-01	-5.62E-01	45.91	-3.89E-03	5.76E-01	
	-303.00	-1.29E-06	3.60E-07	1.49E-06	5.23E-05	3.44E-06	-3.45E-05	2.57E-05	-2.67E-05				
39	558.50	7.07E-02	8.73E-02	1.99E-01	5.57E-01	8.18E-02	-3.69E-01	6.36E-01	-4.78E-01	45.43	7.07E-02	5.57E-01	
	-213.00	-1.42E-06	-6.63E-07	4.40E-06	5.06E-05	7.43E-06	-3.36E-05	2.43E-05	-2.64E-05				
40	506.17	5.08E-03	1.19E-02	2.52E-01	1.16E+00	4.44E-01	-7.59E-01	1.17E+00	-1.15E+00	45.08	5.08E-03	1.16E+00	
	-128.00	-1.29E-06	-1.14E-06	4.31E-06	5.26E-05	2.02E-05	-3.45E-05	2.51E-05	-2.75E-05				
41	558.50	-2.63E-01	4.31E-02	3.75E-01	5.60E-01	6.59E-01	-8.68E-01	4.71E-01	-6.91E-01	52.65	4.31E-02	-5.60E-01	
	-148.00	-6.80E-06	1.66E-07	7.72E-06	2.55E-05	3.00E-05	-3.95E-05	9.88E-06	-1.65E-05				
42	610.83	1.94E-01	1.12E-01	4.95E-01	1.08E+00	2.89E-01	-5.75E-01	1.24E+00	-9.30E-01	43.92	1.19E+00	-3.24E-01	
	-128.00	2.05E-07	-1.66E-06	7.06E-06	4.92E-05	1.31E-05	-2.61E-05	2.39E-05	-2.53E-05				
43	501.38	4.77E-02	4.44E-02	2.04E-01	2.50E-01	2.65E-01	-2.50E-01	2.96E-01	-2.04E-01	44.81	4.77E-02	2.50E-01	
	-78.00	-1.42E-06	-1.55E-06	4.60E-06	1.92E-05	2.04E-05	-1.92E-05	8.12E-06	-1.11E-05				
44	534.67	2.07E-01	-8.52E-02	3.02E-01	8.36E-01	1.71E-01	-1.28E+00	9.10E-01	-7.88E-01	40.04	8.59E-01	-2.89E-01	
	-68.00	3.31E-06	-7.94E-06	6.96E-06	6.43E-05	1.31E-05	-9.88E-05	3.03E-05	-3.50E-05				
45	584.67	-1.15E-01	-2.21E-01	9.73E-02	8.37E-01	4.02E-01	-3.39E-01	6.71E-01	-1.01E+00	43.17	-1.15E-01	8.37E-01	
	-68.00	-1.78E-06	-5.89E-06	6.36E-06	6.44E-05	3.09E-05	-2.61E-05	2.84E-05	-3.61E-05				
46	610.83	-7.27E-01	-3.69E-01	-1.21E-01	4.96E-01	4.37E-01	-4.09E-01	-2.09E-02	-1.08E+00	54.93	-3.69E-01	-4.96E-01	
	-88.00	-1.46E-05	-8.13E-07	8.71E-06	3.81E-05	3.36E-05	-3.15E-05	1.26E-05	-2.80E-05				
47	482.63	-9.06E-03	-6.51E-02	8.22E-02	1.52E-01	1.62E-01	-3.10E-01	1.17E-01	-1.92E-01	39.77	-9.06E-03	1.52E-01	
	-21.00	-4.37E-07	-2.59E-06	3.07E-06	1.17E-05	1.24E-05	-2.39E-05	4.43E-06	-7.46E-06				
48	488.83	-3.23E-01	-6.03E-01	-2.29E-01	4.22E-01	2.01E-02	-1.02E+00	-1.83E-02	-9.08E-01	35.83	-2.70E-01	4.00E-01	
	-12.00	2.67E-07	-1.05E-05	3.88E-06	3.25E-05	1.54E-06	-7.88E-05	1.20E-05	-2.22E-05				
49	507.88	1.46E-01	-2.46E-02	1.90E-01	1.74E-01	1.50E-01	-3.89E-01	2.55E-01	-1.33E-01	31.89	1.46E-01	1.74E-01	
	-21.00	2.20E-06	-4.37E-06	3.88E-06	1.34E-05	1.15E-05	-2.99E-05	6.36E-06	-8.53E-06				
50	538.67	2.87E-01	-2.47E-01	2.56E-01	6.89E-01	4.25E-01	-9.97E-01	7.59E-01	-7.20E-01	34.41	6.80E-01	-3.32E-01	
	-10.00	7.78E-06	-1.28E-05	6.60E-06	5.30E-05	3.27E-05	-7.67E-05	2.59E-05	-3.09E-05				
51	484.67	-2.73E+00	-1.87E+00	-1.75E+00	7.05E-03	3.29E-01	-7.56E-02	-1.87E+00	-2.73E+00	89.53	-1.87E+00	-7.05E-03	
	8.00	-3.53E-05	-2.06E-06	2.46E-06	5.43E-07	2.53E-05	-5.81E-06	-2.06E-06	-3.53E-05				
52	507.00	1.05E+00	1.11E+00	9.99E-01	6.20E-01	2.11E-01	7.69E-01	1.70E+00	4.57E-01	46.27	1.60E+00	3.29E-01	
	9.00	5.74E-06	7.85E-06	3.75E-06	4.77E-05	1.62E-05	5.91E-05	3.07E-05	-1.71E-05				
53	603.00	1.80E-01	4.21E-02	4.10E-01	3.17E-01	3.07E-01	-2.32E-01	4.36E-01	-2.13E-01	38.86	-3.27E-02	2.91E-01	
	-18.00	-2.25E-08	-5.33E-06	8.82E-06	2.44E-05	2.36E-05	-1.79E-05	9.80E-06	-1.52E-05				
54	712.00	4.76E-03	1.06E-01	1.09E-01	5.28E-01	6.16E-02	-1.45E-01	5.86E-01	-4.76E-01	47.73	4.76E-03	5.28E-01	
	-303.00	-2.64E-06	1.96E-06	2.10E-06	4.80E-05	5.60E-06	-1.32E-05	2.38E-05	-2.45E-05				
55	712.00	-2.65E-01	-1.40E-01	4.07E-02	5.67E-01	2.16E-01	-1.34E-01	3.68E-01	-7.74E-01	48.15	-2.65E-01	5.67E-01	
	-213.00	-7.33E-06	-1.64E-06	6.59E-06	5.16E-05	1.97E-05	-1.22E-05	2.15E-05	-3.04E-05				
56	712.00	-3.71E-01	-1.20E-01	4.15E-01	4.36E-01	6.03E-01	1.25E-02	2.08E-01	-7.00E-01	53.04	-3.71E-01	4.36E-01	
	-138.00	-8.04E-06	-2.33E-06	9.84E-06	1.98E-05	2.74E-05	5.68E-07	5.13E-06	-1.55E-05				
57	712.00	2.85E-02	1.29E-01	4.62E-01	2.72E-01	2.75E-01	-2.03E-01	3.55E-01	-1.98E-01	50.22	2.85E-02	2.72E-01	
	-78.00	-5.71E-06	-1.86E-06	1.10E-05	2.09E-05	2.11E-05	-1.56E-05	6.85E-06	-1.44E-05				
58	712.00	-3.40E-02	-8.54E-02	3.94E-01	3.44E-01	2.83E-01	-7.38E-02	2.85E-01	-4.05E-01	42.89	-3.48E-02	3.44E-01	
	-18.00	-4.35E-06	-6.30E-06	1.22E-05	2.64E-05	2.18E-05	-5.68E-06	7.93E-06	-1.86E-05				
59	837.00	-1.45E+00	-7.95E-01	-8.09E-01	4.30E-01	1.44E-03	-2.40E-03	-5.82E-01	-1.67E+00	63.71	-7.95E-01	-4.30E-01	
	-318.00	-2.52E-05	4.75E-06	.00E+00	3.91E-05	1.31E-07	-2.18E-07	1.44E-05	-3.48E-05				
60	887.00	-2.47E-01	-2.55E-02	-1.09E-01	1.12E+00	9.31E-02	3.03E-01	9.90E-01	-1.26E+00	47.82	9.05E-01	-4.30E-01	
	-288.00	-6.27E-06	3.70E-06	.00E+00	1.02E-04	8.46E-06	2.75E-05	5.00E-05	-5.24E-05				
61	987.00	2.41E-01	1.91E-01	1.73E-01	1.11E+00	1.26E-01	6.69E-01	1.33E+00	-8.96E-01	44.36	2.41E-01	1.11E+00	
	-288.00	3.09E-06	8.37E-07	.00E+00	1.01E-04	1.15E-05	6.08E-05	5.25E-05	-4.86E-05				
62	1037.00	-1.29E+00	-7.31E-01	-8.10E-01	7.95E-01	-2.18E-01	7.26E-01	-1.69E-01	-1.86E+00	54.75	-7.31E-01	-7.95E-01	
	-318.00	-2.20E-05	3.55E-06	.00E+00	7.23E-05	-1.98E-05	6.60E-05	2.91E-05	-4.75E-05				
63	862.0[illegible]	[illegible].06E-02	2.03E-02	2.72E-01	5.44E-01	7.90E-02	[illegible]2E-01	5.69E-01	-5.19E-01	44.73	3.06E-02	5.44E[illegible]	
	-213.0[illegible]	[illegible].81E-06	-3.23E-06	8.18E-06	4.95E-05	7.18E-06	[illegible]E-05	2.17E-05	-2.78E-05				
64	101[illegible]	[illegible].75E-01	1.03E-01	3.86E-01	5.72E-01	6.21E-07	[illegible]E-01	7.12E-01	-4.34E-01	43.21	1.75E-01	5.[illegible]	

	-213.00	[illegible]1E-07	-3.54E-06	8.93E-06	5.20E-05	5.65E-06	[illegible]-05	2.37E-05	-2.84E-05				
65	837.00	-2.26E-01	-6.56E-02	7.26E-01	4.10E-01	1.15E+00	2.72E-02	2.72E-01	-5.63E-01	50.52	-6.56E-02	-4.10E-	
	-148.00	-7.41E-06	-3.77E-06	1.42E-05	1.86E-05	5.22E-05	1.24E-06	3.90E-06	-1.51E-05				
66	937.00	-8.72E-02	-8.74E-02	6.74E-01	6.51E-01	2.55E-01	4.02E-01	5.64E-01	-7.39E-01	45.00	3.62E-01	-4.72E-01	
	-128.00	-4.60E-06	-4.61E-06	1.27E-05	2.96E-05	1.16E-05	1.83E-05	1.02E-05	-1.94E-05				
67	1037.00	-7.31E-01	-4.09E-01	4.24E-01	6.89E-01	2.84E-01	2.85E-02	1.37E-01	-1.28E+00	51.57	-4.09E-01	-6.89E-01	
	-148.00	-1.29E-05	-5.55E-06	1.34E-05	3.13E-05	1.29E-05	1.30E-06	6.87E-06	-2.53E-05				
68	837.00	-4.53E-01	-5.20E-01	4.25E-02	7.19E-01	5.54E-01	6.38E-01	2.33E-01	-1.21E+00	43.68	-4.53E-01	7.19E-01	
	-68.00	-7.21E-06	-9.76E-06	1.19E-05	5.53E-05	4.26E-05	4.90E-05	1.92E-05	-3.62E-05				
69	937.00	-1.56E-01	3.10E-01	6.77E-01	5.41E-01	4.50E-01	-2.73E-01	6.66E-01	-5.12E-01	56.64	3.10E-01	-5.41E-01	
	-88.00	-1.51E-05	2.79E-06	1.69E-05	4.14E-05	3.46E-05	-2.10E-05	1.65E-05	-2.88E-05				
70	1037.00	1.50E-01	4.15E-02	6.33E-01	9.08E-01	-2.52E-01	-8.22E-01	1.01E+00	-8.13E-01	43.29	6.82E-01	-6.95E-01	
	-68.00	-3.28E-06	-7.46E-06	1.53E-05	6.98E-05	-1.94E-05	-6.32E-05	2.96E-05	-4.03E-05				
71	862.00	-1.38E-01	-1.28E-01	4.79E-01	3.51E-01	4.07E-01	-7.26E-02	2.19E-01	-4.84E-01	45.39	-1.38E-01	3.51E-01	
	-18.00	-7.63E-06	-7.27E-06	1.61E-05	2.70E-05	3.13E-05	-5.59E-06	6.07E-06	-2.10E-05				
72	1012.00	2.90E-01	1.87E-01	8.11E-01	3.30E-01	-1.10E-01	1.08E-01	5.72E-01	-9.52E-02	60.60	2.90E-01	3.30E-01	
	-18.00	-3.02E-06	-6.95E-06	1.70E-05	2.54E-05	-8.47E-06	8.33E-06	7.85E-06	-1.78E-05				
73	1387.00	1.25E-01	1.62E-01	2.12E-01	3.44E-01	1.90E-02	7.20E-01	4.88E-01	-2.00E-01	46.55	1.25E-01	3.44E-01	
	-303.00	-7.97E-07	8.98E-07	3.14E-06	3.12E-05	1.73E-06	6.55E-05	1.57E-05	-1.56E-05				
74	1387.00	8.77E-02	9.50E-02	3.60E-01	3.92E-01	3.56E-02	6.40E-01	4.83E-01	-3.00E-01	45.27	8.77E-02	3.92E-01	
	-213.00	-3.06E-06	-2.73E-06	9.32E-06	3.56E-05	3.23E-06	5.81E-05	1.49E-05	-2.07E-05				
75	1387.00	5.17E-02	1.64E-01	8.16E-01	2.98E-01	5.04E-02	5.14E-01	4.11E-01	-1.95E-01	50.34	5.17E-02	2.98E-01	
	-138.00	-4.24E-06	-1.68E-06	1.31E-05	1.36E-05	2.29E-06	2.33E-05	3.94E-06	-9.86E-06				
76	1187.00	-2.73E-01	-1.83E-01	3.03E-01	2.85E-01	2.98E-01	1.40E+00	6.06E-02	-5.17E-01	49.44	-2.73E-01	2.85E-01	
	-68.00	-8.80E-06	-5.38E-06	1.33E-05	2.19E-05	2.29E-05	1.08E-04	4.01E-06	-1.82E-05				
77	1387.00	-2.77E-01	-2.20E-01	3.99E-01	3.57E-01	1.87E-01	3.65E-02	1.11E-01	-6.07E-01	47.28	-2.20E-01	-3.57E-01	
	-88.00	-9.57E-06	-7.38E-06	1.64E-05	2.75E-05	1.44E-05	2.81E-06	5.32E-06	-2.23E-05				
78	1587.00	2.43E-01	1.97E-01	6.98E-01	2.57E-01	-1.33E-01	6.03E-01	4.78E-01	-3.75E-02	42.47	2.98E-01	-2.46E-01	
	-68.00	-3.17E-06	-4.92E-06	1.43E-05	1.97E-05	-1.03E-05	4.64E-05	5.87E-06	-1.40E-05				
79	1237.00	-2.22E-01	-9.47E-02	4.88E-01	2.84E-01	1.96E-01	2.37E-01	1.32E-01	-4.49E-01	51.33	-2.22E-01	2.84E-01	
	-18.00	-1.04E-05	-5.53E-06	1.69E-05	2.18E-05	1.51E-05	1.83E-05	3.21E-06	-1.92E-05				
80	1433.80	-1.28E-01	-2.20E-01	4.67E-01	3.11E-01	-4.28E-02	2.59E-01	1.40E-01	-4.88E-01	40.76	-1.28E-01	3.11E-01	
	-8.00	-6.22E-06	-9.78E-06	1.67E-05	2.39E-05	-3.29E-06	1.99E-05	4.08E-06	-2.01E-05				
81	1533.80	-1.81E-01	-9.65E-02	4.62E-01	2.76E-01	-1.17E-01	1.51E-01	1.40E-01	-4.18E-01	49.35	-9.65E-02	-2.76E-01	
	-28.00	-8.99E-06	-5.74E-06	1.58E-05	2.12E-05	-9.00E-06	1.16E-05	3.37E-06	-1.81E-05				
82	1633.80	-3.11E-02	5.67E-02	5.48E-01	1.78E-02	-2.13E-01	1.65E-01	6.02E-02	-3.45E-02	78.99	5.76E-02	1.56E-02	
	-8.00	-7.50E-06	-4.13E-06	1.48E-05	1.37E-06	-1.64E-05	1.27E-05	-3.99E-06	-7.64E-06				
83	1433.80	-1.03E+00	-4.92E-01	3.47E-02	2.94E-01	2.59E-01	9.73E-02	-3.63E-01	-1.16E+00	66.28	-4.92E-01	-2.94E-01	
	27.60	-2.33E-05	-2.56E-06	1.77E-05	2.26E-05	2.00E-05	7.48E-06	2.41E-06	-2.83E-05				
84	1296.10	-3.23E-01	-5.82E-02	5.05E-01	3.08E-01	1.73E-01	-1.10E-01	1.45E-01	-5.26E-01	56.60	-2.42E-01	-3.31E-01	
	40.70	-1.38E-05	-3.60E-06	1.81E-05	2.37E-05	1.33E-05	-8.42E-06	4.22E-06	-2.16E-05				
85	1148.60	-8.44E-02	4.70E-02	6.09E-01	2.19E-01	1.28E-01	6.34E-01	2.10E-01	-2.47E-01	53.35	1.74E-01	1.22E-01	
	57.33	-9.53E-06	-4.47E-06	1.71E-05	1.68E-05	9.88E-06	4.88E-05	1.79E-06	-1.58E-05				
86	1131.40	-1.34E+00	-5.31E-01	2.95E-02	1.68E-01	7.10E-01	2.08E-01	-4.98E-01	-1.37E+00	78.72	-5.31E-01	-1.68E-01	
	112.00	-3.13E-05	-2.12E-07	2.14E-05	1.29E-05	5.46E-05	1.60E-05	1.08E-06	-3.26E-05				
87	1019.80	-4.64E-01	-2.23E-01	4.28E-01	4.57E-01	4.73E-01	-8.01E-01	1.29E-01	-8.16E-01	52.40	-2.23E-01	-4.57E-01	
	34.67	-1.50E-05	-5.72E-06	1.93E-05	3.51E-05	3.64E-05	-6.16E-05	7.81E-06	-2.85E-05				
88	886.60	-3.76E-02	-5.05E-02	5.98E-01	2.82E-01	2.11E-01	-1.71E-01	2.38E-01	-3.26E-01	44.34	-3.76E-02	2.82E-01	
	46.00	-7.05E-06	-7.55E-06	1.74E-05	2.17E-05	1.63E-05	-1.32E-05	3.54E-06	-1.81E-05				
89	869.80	-6.26E-01	-1.61E-01	4.86E-01	1.18E-01	7.46E-01	4.39E-01	-1.33E-01	-6.54E-01	76.57	-1.61E-01	-1.18E-01	
	96.00	-2.08E-05	-2.89E-06	2.20E-05	9.05E-06	5.76E-05	3.37E-05	-1.81E-06	-2.18E-05				
90	952.60	5.85E-02	3.68E-01	9.02E-01	4.86E-01	1.75E-01	-3.40E-01	7.23E-01	-2.97E-01	53.82	5.38E-01	-3.94E-01	
	128.00	-1.23E-05	-4.50E-07	2.01E-05	3.74E-05	1.35E-05	-2.61E-05	1.32E-05	-2.60E-05				
91	869.80	-1.83E-01	-1.89E-01	5.05E-01	1.22E-01	2.91E-01	2.96E-01	-6.36E-02	-3.08E-01	44.38	-1.83E-01	1.22E-01	
	160.00	-8.51E-06	-8.71E-06	1.80E-05	9.41E-06	2.24E-05	2.28E-05	-3.91E-06	-1.33E-05				
92	869.80	-9.77E-01	-2.33E-01	4.10E-01	1.56E-01	1.30E+00	-1.16E-01	-2.02E-01	-1.01E+00	78.62	-2.33E-01	-1.56E-01	
	203.60	-2.88E-05	-1.79E-07	2.46E-05	1.20E-05	9.99E-05	-8.93E-06	1.03E-06	-3.00E-05				
93	598.67	5.67E-02	-4.00E-02	4.03E-01	4.91E-01	1.06E+00	-7.26E-01	5.01E-01	-4.85E-01	42.19	-4.00E-02	-4.91E-01	
	16.00	-2.43E-06	-6.16E-06	1.09E-05	3.78E-05	8.15E-05	-5.59E-05	1.47E-05	-2.33E-05				
94	645.75	1.19E-02	-7.72E-02	3.70E-01	3.25E-01	3.66E-01	-1.92E-01	2.95E-01	-3.61E-01	41.09	1.19E-02	3.25E-01	
	24.00	-2.89E-06	-6.32E-06	1.09E-05	2.50E-05	2.82E-05	-1.48E-05	8.02E-06	-1.72E-05				
95	613.10	-2.49E-01	-5.01E-01	-1.48E-02	5.69E-01	5.74E-01	9.63E-01	2.08E-01	-9.58E-01	38.76	-2.49E-01	5.69E-01	
	69.33	-1.17E-06	-1.09E-05	7.83E-06	4.38E-05	4.41E-05	7.41E-05	1.64E-05	-2.84E-05				
96	708.45	-4.30E-02	-5.21E-02	4.75E-01	2.83E-01	3.97E-01	-7.62E-04	2.35E-01	-3.30E-01	44.54	-2.14E-01	-2.28E-01	

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	55.00	-5.82E-06	-6.10E-06	1.41E-05	2.17E-05	3.05E-05	-5.86E-08	4.87E-06	-1.69E-05				
97	613.10	-3.21E-01	1.45E-02	4.58E-01	1.51E-01	1.68E+00	-1.06E-01	1.29E-01	-3.93E-01	68.08	5.65E-02	-1.81E-01	
	96.00	-1.45E-05	4.39E-08	1.55E-05	1.39E-05	1.45E-04	-8.13E-06	2.85E-06	-1.73E-05				
98	682.27	-1.93E-01	-1.61E-01	3.65E-01	3.12E-01	5.81E-01	2.83E-01	1.35E-01	-4.85E-01	46.46	7.47E-02	-1.84E-01	
	112.00	-7.54E-06	-6.32E-06	1.35E-05	2.40E-05	4.47E-05	2.17E-05	5.08E-06	-1.85E-05				
99	751.43	-5.19E-01	5.79E-02	4.74E-01	4.13E-01	7.78E-01	-4.75E-01	2.73E-01	-7.34E-01	62.46	5.79E-02	-4.13E-01	
	96.00	-2.01E-05	2.09E-06	1.81E-05	3.18E-05	5.98E-05	-3.68E-05	1.04E-05	-2.84E-05				
100	683.25	3.33E-02	1.12E-01	5.92E-01	1.36E-01	4.64E-01	-3.27E-01	2.14E-01	-6.85E-02	53.11	3.33E-02	1.36E-01	
	152.00	-6.82E-06	-3.79E-06	1.47E-05	1.04E-05	3.57E-05	-2.51E-05	1.23E-07	-1.07E-05				
101	648.67	-5.87E-01	-4.72E-02	5.02E-01	-3.16E-03	1.37E+00	4.67E-02	-4.71E-02	-5.87E-01	-69.67	-4.72E-02	3.16E-03	
	192.00	-2.11E-05	-3.57E-07	2.07E-05	-2.43E-07	1.05E-04	3.59E-06	-3.57E-07	-2.11E-05				
102	725.25	-4.03E-03	1.65E-01	6.24E-01	1.64E-01	3.93E-01	-3.49E-01	2.65E-01	-1.04E-01	58.63	6.56E-02	-1.84E-01	
	232.70	-8.79E-06	-2.29E-06	1.54E-05	1.26E-05	3.02E-05	-2.68E-05	1.56E-06	-1.26E-05				
103	635.50	-2.75E-01	-6.02E-01	2.82E-02	-1.02E-01	3.24E-01	6.46E-01	-2.46E-01	-6.31E-01	-15.98	-2.75E-01	-1.02E-01	
	256.00	-1.26E-06	-1.34E-05	1.04E-05	-7.84E-06	2.49E-05	4.97E-05	-1.37E-07	-1.49E-05				
104	635.50	1.01E-02	-6.02E-02	6.20E-01	-1.02E-01	1.17E+00	-2.59E-02	8.32E-02	-1.33E-01	-35.52	-6.02E-02	1.02E-01	
	290.67	-5.87E-06	-8.58E-06	1.76E-05	-7.88E-06	9.00E-05	-2.00E-06	-3.06E-06	-1.14E-05				
105	569.00	4.03E-01	4.50E-02	4.58E-01	5.11E-01	3.41E-01	-5.57E-01	7.65E-01	-3.17E-01	35.35	4.03E-01	5.11E-01	
	16.50	5.53E-06	-8.22E-06	7.66E-06	3.93E-05	2.63E-05	-4.29E-05	1.95E-05	-2.21E-05				
106	508.50	2.17E+00	1.50E+00	1.74E+00	5.45E-01	9.46E-01	-8.13E-02	2.47E+00	1.19E+00	29.22	1.50E+00	-5.45E-01	
	13.00	2.39E-05	-1.84E-06	7.66E-06	4.19E-05	7.27E-05	-6.26E-06	3.56E-05	-1.36E-05				
107	521.00	5.55E-01	1.47E-01	4.68E-01	6.05E-01	2.68E-01	-2.16E-01	9.89E-01	-2.87E-01	35.70	5.55E-01	6.05E-01	
	15.75	8.47E-06	-7.20E-06	5.15E-06	4.65E-05	2.06E-05	-1.66E-05	2.52E-05	-2.39E-05				
108	526.25	5.06E-01	1.51E-01	4.70E-01	6.46E-01	2.41E-01	-2.39E-01	9.99E-01	-3.42E-01	37.31	5.06E-01	6.46E-01	
	21.00	7.09E-06	-6.59E-06	5.70E-06	4.97E-05	1.86E-05	-1.84E-05	2.60E-05	-2.55E-05				
109	515.50	1.45E+00	1.03E+00	1.32E+00	8.83E-01	8.01E-01	-7.92E-02	2.15E+00	3.31E-01	38.25	1.03E+00	-8.83E-01	
	26.00	1.41E-05	-2.26E-06	9.06E-06	6.79E-05	6.16E-05	-6.09E-06	4.08E-05	-2.90E-05				
110	531.50	3.27E-01	1.32E-01	4.27E-01	5.35E-01	1.88E-01	-2.50E-01	7.73E-01	-3.14E-01	39.84	3.27E-01	5.35E-01	
	34.50	2.84E-06	-4.65E-06	6.68E-06	4.11E-05	1.45E-05	-1.92E-05	2.00E-05	-2.18E-05				
111	515.50	-3.36E-01	-7.40E-01	-2.52E-01	1.65E+00	1.80E-01	1.48E+00	1.13E+00	-2.21E+00	41.52	-3.36E-01	1.65E+00	
	44.00	1.47E-06	-1.39E-05	4.89E-06	1.27E-04	1.39E-05	1.14E-04	5.80E-05	-7.02E-05				
112	515.50	3.52E-01	3.15E-01	6.05E-01	3.72E-01	6.27E-01	-7.87E-02	7.06E-01	-3.97E-02	43.57	3.15E-01	-3.72E-01	
	53.33	-4.47E-07	-1.87E-06	9.31E-06	2.87E-05	4.82E-05	-6.05E-06	1.32E-05	-1.55E-05				
113	547.50	1.46E-01	3.61E-01	5.22E-01	5.63E-01	2.76E-01	-1.55E+00	8.26E-01	-3.19E-01	50.40	5.37E-01	-4.97E-01	
	64.00	-5.68E-06	2.57E-06	8.77E-06	4.33E-05	2.12E-05	-1.19E-04	2.05E-05	-2.36E-05				
114	515.50	-3.09E-01	-5.09E-01	-9.78E-02	6.95E-01	7.11E-02	4.96E-01	2.94E-01	-1.11E+00	40.92	-3.09E-01	6.95E-01	
	74.67	-1.82E-06	-9.50E-06	6.30E-06	5.35E-05	5.47E-06	3.81E-05	2.14E-05	-3.27E-05				
115	515.50	-5.02E-01	-2.45E-01	9.72E-03	2.57E-01	3.76E-01	-9.38E-02	-8.66E-02	-6.61E-01	58.28	-2.45E-01	-2.57E-01	
	88.00	-1.12E-05	-1.33E-06	8.48E-06	1.98E-05	2.89E-05	-7.22E-06	4.77E-06	-1.73E-05				
116	547.50	-3.77E-01	-3.64E-02	1.25E-01	7.78E-01	1.67E-01	-5.96E-01	5.90E-01	-1.00E+00	51.17	3.10E-01	-6.06E-01	
	104.00	-1.13E-05	1.77E-06	7.98E-06	5.98E-05	1.28E-05	-4.59E-05	2.58E-05	-3.54E-05				
117	515.50	4.38E-02	-1.29E-01	2.32E-01	6.02E-01	5.21E-02	2.50E-01	5.65E-01	-6.50E-01	40.91	4.38E-02	6.02E-01	
	120.00	7.68E-08	-6.58E-06	7.30E-06	4.63E-05	4.00E-06	1.92E-05	2.01E-05	-2.66E-05				
118	515.50	7.38E-02	1.35E-01	4.38E-01	2.25E-01	3.36E-01	-7.09E-02	3.31E-01	-1.22E-01	48.91	1.35E-01	-2.25E-01	
	136.00	-4.27E-06	-1.90E-06	9.72E-06	1.73E-05	2.59E-05	-5.46E-06	5.63E-06	-1.18E-05				
119	547.50	-4.03E-01	-4.12E-01	7.24E-03	4.12E-01	1.34E-01	-9.07E-02	4.86E-03	-8.20E-01	44.71	-2.17E-01	-3.66E-01	
	152.00	-6.64E-06	-6.96E-06	9.16E-06	3.17E-05	1.03E-05	-6.98E-06	9.06E-06	-2.27E-05				
120	515.50	-2.23E-01	-4.25E-01	3.69E-02	3.75E-01	1.48E-01	7.06E-01	6.42E-02	-7.12E-01	37.46	-2.23E-01	3.75E-01	
	168.00	-1.86E-06	-9.63E-06	8.13E-06	2.88E-05	1.14E-05	5.43E-05	9.18E-06	-2.07E-05				
121	515.50	-2.11E-01	-2.53E-02	3.28E-01	1.42E-01	6.26E-01	-4.23E-02	5.16E-02	-2.88E-01	61.58	-2.53E-02	-1.42E-01	
	184.00	-9.12E-06	-1.99E-06	1.16E-05	1.09E-05	4.81E-05	-3.25E-06	9.72E-07	-1.21E-05				
122	547.50	-2.26E-02	2.09E-01	4.72E-01	4.40E-01	2.62E-01	-4.92E-01	5.48E-01	-3.62E-01	52.36	4.02E-01	-3.34E-01	
	200.00	-8.10E-06	7.87E-07	1.09E-05	3.39E-05	2.01E-05	-3.79E-05	1.38E-05	-2.12E-05				
123	515.50	-1.82E-02	-1.81E-01	2.39E-01	2.13E-01	1.88E-01	5.12E-01	1.28E-01	-3.27E-01	34.55	-1.82E-02	2.13E-01	
	216.00	-1.14E-06	-7.40E-06	8.76E-06	1.64E-05	1.45E-05	7.01E-05	4.49E-06	-1.30E-05				
124	515.50	2.74E-01	3.18E-01	7.04E-01	1.96E-03	7.53E-01	-3.17E-02	3.18E-01	2.74E-01	87.43	3.18E-01	-1.96E-03	
	232.00	-3.70E-06	-2.02E-06	1.28E-05	1.51E-07	5.79E-05	-2.44E-06	-2.02E-06	-3.70E-06				
125	547.50	6.69E-01	8.27E-01	1.04E+00	5.68E-02	3.16E-01	-1.26E+00	8.45E-01	6.51E-01	72.12	8.45E-01	-1.30E-02	
	248.00	-2.11E-06	3.55E-06	1.21E-05	4.37E-06	2.43E-05	-9.72E-05	4.66E-06	-2.82E-06				
126	515.50	4.57E-01	4.48E-01	6.74E-01	-1.63E-01	6.26E-02	4.54E-01	6.15E-01	2.89E-01	-44.23	4.57E-01	-1.63E-01	
	264.00	2.15E-07	-1.23E-07	8.58E-06	-1.25E-05	4.81E-06	3.49E-05	6.32E-06	-6.23E-06				
127	515.5[illegible]	6.32E-01	5.34E-01	8.51E-01	-9.06E-02	3.92E-01	[illegible]09E-02	6.86E-01	4.80E-01	-30.83	5.34E-01	9.06E-[illegible]	
	276.[illegible]	2.13E-05	-1.62E-06	1.06E-05	-6.97E-05	3.02E-05	[illegible]7E-06	4.21E-06	-3.70E-06				
128	531[illegible]	5.91E-01	2.78E-01	6.59E-01	-4.37E-02	5.96E-02	[illegible]7E-02	5.88E-01	2.72E-01	-8.04	5.81E-01	-4.3[illegible]	

	297.[illegible]	5.67E-05	-6.00E-06	8.47E-06	-3.37E-06	4.58E-06	[illegible]5E-06	5.91E-06	-6.24E-06				
129	515.50	9.09E-01	1.22E-01	5.59E-01	-2.93E-01	8.41E-02	5.21E-01	1.01E+00	2.46E-02	-18.36	9.09E-01	-2.93E-[illegible]	
	320.00	1.54E-05	-1.33E-05	6.79E-06	-2.26E-05	6.47E-06	4.01E-05	2.01E-05	-1.76E-05				
183	565.50	1.44E-01	-3.16E-01	1.60E-01	8.03E-01	4.42E-01	-4.07E-01	7.49E-01	-9.22E-01	37.00	1.44E-01	8.03E-01	
	-8.00	5.68E-06	-1.20E-05	6.28E-06	6.18E-05	3.40E-05	-3.13E-05	2.90E-05	-3.53E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .1700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1669E+02	-.1025E+03	-.6548E+02	-.2553E+01	-.2582E+02	.1286E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.8268E+00	.2239E+00	-.1408E+00	.5790E+01	.5892E+01	.1130E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5150E+00	-.8446E-01	-.8587E-01	.1259E+02	.1420E+02	.6973E+00
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.8664E+00	.2121E+00	-.9560E-01	.1862E+02	.2072E+02	.4730E+00
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1475E+01	-.2727E+00	-.3551E-01	.2453E+02	.2710E+02	-.2425E+00
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.7340E+00	.3146E-01	.6238E-02	.3358E+02	.3312E+02	-.3008E+01
25	.1447E+01	.2444E+00	-.3502E-01	.4068E+02	.3644E+02	-.6901E+01
26	.1151E+01	.2552E+00	-.6018E-01	.4433E+02	.3773E+02	-.9759E+01
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1509E+02	-.2714E+01	.4239E+00	.4634E+02	.4672E+02	-.1256E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1609E+03	.3284E+02	-.4432E+01	.7022E+02	.1072E+03	-.2789E+02
40	.1598E+03	.2939E+02	-.2875E+01	.6732E+02	.1070E+03	-.2339E+02
41	.1536E+03	.2470E+02	.7433E-01	.5842E+02	.9751E+02	-.1759E+02
42	.4415E+02	.5687E+01	.1641E+01	.4935E+02	.7163E+02	-.1436E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.5947E+03	-.8451E+02	-.2784E+01	.1793E+02	.1002E+03	.5280E+02
48	-.5289E+03	-.7248E+02	-.3561E+01	.1395E+02	.9199E+02	.3431E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.6108E+03	-.9208E+02	-.3489E+01	-.4426E+02	.5466E+02	.7071E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

53	.2413E+01	-.2009E+01	.3062E+00	.1043E+02	.1020E+03	.5282E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.4234E+03	-.6296E+02	-.3379E+01	-.3239E+02	.6022E+02	.5842E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2939E+03	-.4348E+02	-.4350E+01	-.3291E+02	.6674E+02	.5531E+02
66	-.8930E+02	-.1265E+02	-.5335E+01	-.3668E+02	.8290E+02	.5820E+02
67	.2107E+03	.3254E+02	-.5319E+01	-.3734E+02	.1025E+03	.5631E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.3704E+03	.5681E+02	-.4152E+01	-.1633E+02	.1306E+03	.9188E+02
76	-.4510E+02	-.5235E+01	-.2760E+01	-.1119E+02	.1562E+03	.1029E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1596E+03	.2568E+02	-.2034E+01	-.9403E+01	.1792E+03	.9543E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.6916E+02	-.8531E+01	-.1298E+01	-.4436E+00	.1901E+03	.1021E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.9479E+02	.1625E+02	-.1207E+01	-.9890E+01	.2082E+03	.8897E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.6176E+02	-.7150E+01	-.9668E+00	-.1540E+02	.2158E+03	.7768E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.7196E+02	.1305E+02	-.9053E+00	-.1162E+02	.2315E+03	.7246E+02
109	-.4642E+02	-.4647E+01	-.7525E+00	-.1195E+02	.2370E+03	.6054E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.6232E+02	.1178E+02	-.6052E+00	-.1406E+02	.2493E+03	.5805E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.2652E+02	.6403E+01	.2750E+00	-.14[illegible]02	.2479E+03	.5242E+02
[illegible]	.3049E+02	.7084E+01	.8430E+00	-.1[illegible]02	.2473E+03	.4436E+02
[illegible]	.5871E+02	.1292E+02	.1998E+01	-.[illegible]02	.2479E+03	.4786E+02

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.6917E+02	.1314E+02	.2743E+01	-.15[illegible]+02	.2480E+03	.2990E+02
119	.7223E+02	.1328E+02	.3998E+01	-.1444E+02	.2159E+03	.3210E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1033E+02	.1141E+02	.6598E+01	-.2410E+01	.1708E+03	.2725E+02
122	.9074E+02	.1566E+01	.7998E+01	.6918E+01	.1617E+03	.1388E+02
123	.6631E+02	.2018E+00	.6749E+01	.4971E+01	.1394E+03	.1191E+02
124	.4583E+02	.1940E-01	.4653E+01	.3636E+01	.1131E+03	.1032E+02
125	.2683E+02	-.9664E+00	.3385E+01	.2535E+01	.9186E+02	.8824E+01
126	.2141E+01	-.4510E+01	.3105E+01	.1099E+01	.7460E+02	.7222E+01
127	-.1541E+02	-.7308E+01	.3056E+01	.1433E+00	.6104E+02	.5312E+01
128	-.3182E+02	-.9195E+01	.2513E+01	-.2068E+01	.3451E+02	.3238E+01
129	-.2993E+02	-.7578E+01	.1641E+01	-.3028E+01	.1445E+02	.1667E+01
130	-.1959E+02	-.4397E+01	.6814E+00	-.3175E+01	.9936E+00	.9376E+00
131	-.4560E+01	-.7019E+00	-.3955E-01	-.2636E+01	-.4237E+01	.8543E+00
132	.6949E+00	.3686E+00	-.1206E+00	-.1629E+01	-.1564E+01	.1032E+01
133	.1013E+01	.2861E+00	-.3020E-01	-.1062E+01	.6093E+00	.1037E+01
134	.2653E+00	.6356E-01	.2740E-01	-.9002E+00	.9808E+00	.8569E+00
135	-.3212E-01	-.1429E-01	.4198E-01	-.6147E+00	.6709E+00	.6248E+00
136	-.1764E-01	-.8983E-02	.6662E-01	-.4263E+00	.3865E+00	.4053E+00
137	-.3206E-01	-.1225E-01	.2180E+00	-.2546E+00	.1519E+00	.2149E+00
138	.2697E-01	.3175E-01	.1470E+02	-.1082E+00	-.2191E-01	.9107E-01
139	.2093E-01	.3389E-01	-.3500E+02	-.2346E-01	.8830E-02	.2094E-02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.93295E-02	-.33097E-04	.91907E-02	.00000E+00
3	-.16735E-01	-.12675E-03	.16757E-01	.00000E+00
4	-.18096E-01	-.12450E-03	.18151E-01	.00000E+00
5	-.19473E-01	-.28346E-04	.19479E-01	.00000E+00
6	-.21649E-01	.83159E-05	.21649E-01	-.50954E-06
7	-.20088E-01	-.16903E-03	.20217E-01	.00000E+00
8	-.21688E-01	-.95299E-04	.21700E-01	.42753E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.90939E-02	-.74445E-04	.90671E-02	.00000E+00
11	-.16735E-01	-.11362E-03	.16729E-01	.00000E+00
12	-.18627E-01	-.96490E-04	.18613E-01	.00000E+00
13	-.20055E-01	-.46999E-04	.19944E-01	.00000E+00
14	-.21798E-01	-.11619E-04	.21832E-01	-.20763E-06
15	-.20316E-01	-.16312E-03	.20429E-01	.00000E+00
16	-.21962E-01	-.26950E-04	.22058E-01	.21981E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.91524E-02	-.90889E-04	.90548E-02	.00000E+00
19	-.16979E-01	-.80070E-04	.16887E-01	.00000E+00
20	-.18971E-01	-.64072E-04	.18878E-01	.00000E+00
21	-.20470E-01	.49669E-04	.20301E-01	.00000E+00
22	-.22194E-01	.17254E-03	.22382E-01	.12607E-07
23	-.20955E-01	-.21479E-03	.21129E-01	.00000E+00
24	-.22479E-01	-.62441E-04	.22826E-01	-.44075E-05
25	-.22686E-01	-.14944E-03	.23145E-01	.11873E-05
26	-.22803E-01	-.91694E-04	.23346E-01	.39323E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.91628E-02	-.17485E-03	.87034E-02	.00000E+00
29	-.17311E-01	-.17545E-03	.16554E-01	.00000E+00
30	-.19289E-01	-.11970E-03	.18920E-01	.00000E+00
31	-.21023E-01	-.15364E-03	.20904E-01	.00000E+00
32	-.22932E-01	-.13123E-03	.23577E-01	-.14084E-04
33	-.20975E-01	-.37991E-03	.20640E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.91138E-02	-.30259E-03	.84840E-02	.00000E+00
36	-.17440E-01	-.22437E-03	.16098E-01	.00000E+00

37	-.19482E-01	-.19314E-03	.18462E-01	.00000E+00
38	-.21567E-01	-.15240E-03	.21266E-01	.00000E+00
39	-.23133E-01	-.21330E-03	.23937E-01	.15790E-04
40	-.23097E-01	-.32348E-03	.23852E-01	.62403E-05
41	-.23062E-01	-.35472E-03	.23776E-01	-.13541E-05
42	-.23014E-01	-.28615E-03	.23692E-01	-.95055E-05
43	-.19326E-01	-.41712E-03	.16523E-01	.00000E+00
44	.00000E+00	.00300E+00	.00000E+00	.00000E+00
45	-.84792E-02	.12305E-03	.66712E-02	.00000E+00
46	-.17425E-01	-.23406E-03	.13776E-01	.00000E+00
47	-.23150E-01	-.95173E-04	.23954E-01	.11420E-04
48	-.23146E-01	-.14300E-03	.23967E-01	.19299E-04
49	-.21545E-01	-.19797E-03	.20995E-01	.00000E+00
50	-.23377E-01	-.13738E-03	.24056E-01	.55159E-04
51	-.21892E-01	-.35249E-03	.19433E-01	.00000E+00
52	-.24397E-01	-.14350E-03	.21430E-01	.00000E+00
53	-.23157E-01	-.51473E-04	.23910E-01	-.13645E-06
54	-.19320E-01	-.18315E-03	.14392E-01	.00000E+00
55	-.21604E-01	-.28272E-03	.15574E-01	.00000E+00
56	.00000E+00	.00300E+00	.00000E+00	.00000E+00
57	-.71627E-02	-.78222E-03	.34004E-02	.00000E+00
58	-.15240E-01	-.27054E-03	.60432E-02	.00000E+00
59	-.24873E-01	.11362E-03	.18602E-01	.00000E+00
60	-.24543E-01	-.64393E-04	.20301E-01	.00000E+00
61	-.23589E-01	-.13333E-03	.24110E-01	.84705E-04
62	-.17914E-01	.40414E-04	.73521E-02	.00000E+00
63	-.20677E-01	.22681E-03	.10524E-01	.00000E+00
64	-.24885E-01	-.72940E-04	.21751E-01	.00000E+00
65	-.23876E-01	-.12972E-03	.24160E-01	.10507E-03
66	-.24584E-01	-.12043E-03	.24260E-01	.12713E-03
67	-.25344E-01	-.10347E-03	.24370E-01	.12068E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.55246E-02	.97516E-04	.94278E-03	.00000E+00
70	-.15811E-01	.22394E-03	.31859E-02	.00000E+00
71	-.24029E-01	.60881E-03	.11340E-01	.00000E+00
72	-.25568E-01	.24139E-04	.21503E-01	.00000E+00
73	-.19328E-01	.35255E-03	.14083E-02	.00000E+00
74	-.27102E-01	.15181E-03	.22705E-01	.00000E+00
75	-.25988E-01	-.97019E-04	.24464E-01	.91281E-04
76	-.26847E-01	-.10201E-03	.24719E-01	.63496E-04
77	-.22359E-01	.89174E-03	.43020E-02	.00000E+00
78	.00000E+00	.00300E+00	.00000E+00	.00000E+00
79	-.65304E-02	-.25439E-03	.78727E-04	.00000E+00
80	-.14849E-01	.40397E-03	.95808E-04	.00000E+00
81	-.16261E-01	.60447E-03	-.56395E-03	.00000E+00
82	-.18496E-01	.91742E-03	.19648E-02	.00000E+00
83	-.26724E-01	.11790E-02	.12424E-01	.00000E+00
84	-.24521E-01	.14331E-02	.42938E-02	.00000E+00
85	-.27821E-01	-.78758E-04	.24975E-01	.50605E-04
86	-.28107E-01	.15493E-03	.23979E-01	.00000E+00
87	-.22094E-01	.11592E-02	.10316E-02	.00000E+00
88	-.28033E-01	.54449E-03	.18216E-01	.00000E+00
89	-.28480E-01	-.84132E-04	.25285E-01	.40155E-04
90	-.15439E-01	.33202E-03	-.10375E-01	.00000E+00
91	-.16760E-01	.67717E-03	-.96898E-02	.00000E+00
92	-.16068E-01	.63524E-03	-.96463E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.62361E-02	.00000E+00	-.56916E-02	.00000E+00
95	-.11754E-01	.00000E+00	-.10176E-01	.00000E+00
96	-.13689E-01	.00000E+00	-.10904E-01	.00000E+00
97	-.14129E-01	.00000E+00	-.12119E-01	.00000E+00
98	-.13622E-01	.00000E+00	-.12378E-01	.00000E+00
	-.15496E-01	.18988E-03	-.12201E-01	.00000E+00
	-.20555E-01	.85221E-03	-.61026E-02	.00000E+00

	-.26080E-01	.11151E-02	.30639E-02	.00000E+00
1[illegible]	-.28510E-01	-.72337E-04	.25681E-01	[illegible]6370E-04
103	-.27[illegible]0E-01	.11372E-02	.11409E-01	.00000E+00
104	-.30073E-01	.69350E-04	.24918E-01	.00000E+00
105	-.30215E-01	-.47455E-04	.26062E-01	.31090E-04
106	-.29276E-01	.13503E-02	.15244E-01	.00000E+00
107	-.31181E-01	.18254E-03	.24798E-01	.00000E+00
108	-.31033E-01	-.16155E-04	.26379E-01	.29555E-04
109	-.31612E-01	.94326E-05	.26702E-01	.25102E-04
110	-.30669E-01	.90368E-03	.16782E-01	.00000E+00
111	-.32375E-01	.71337E-04	.25191E-01	.00000E+00
112	-.32253E-01	.44111E-04	.26927E-01	.22442E-04
113	-.32087E-01	.10130E-02	.20105E-01	.00000E+00
114	-.32594E-01	.92930E-04	.27190E-01	.77821E-05
115	-.32680E-01	.13920E-03	.27342E-01	-.19449E-06
116	-.32577E-01	.20949E-03	.27516E-01	-.94669E-05
117	-.32510E-01	-.46693E-04	.26577E-01	.00000E+00
118	-.32423E-01	.22128E-03	.27576E-01	-.16191E-04
119	-.32001E-01	.26204E-03	.27651E-01	-.26038E-04
120	-.32974E-01	.45267E-03	.26820E-01	.00000E+00
121	-.31210E-01	.30769E-03	.27744E-01	-.41126E-04
122	-.31127E-01	.64295E-03	.27812E-01	-.47612E-04
123	-.31006E-01	.94639E-03	.27867E-01	-.52630E-04
124	-.30872E-01	.12318E-02	.27922E-01	-.58210E-04
125	-.30698E-01	.16537E-02	.27979E-01	-.64518E-04
126	-.30370E-01	.23408E-02	.28073E-01	-.70742E-04
127	-.30030E-01	.30515E-02	.28164E-01	-.69726E-04
128	-.29411E-01	.44354E-02	.28350E-01	-.53401E-04
129	-.29017E-01	.53754E-02	.28522E-01	-.31713E-04
130	-.28831E-01	.58673E-02	.28708E-01	-.74071E-05
131	-.28953E-01	.55507E-02	.28991E-01	.16816E-04
132	-.29248E-01	.46033E-02	.29237E-01	.22712E-04
133	-.29503E-01	.36515E-02	.29452E-01	.19322E-04
134	-.29671E-01	.28730E-02	.29625E-01	.16070E-04
135	-.29789E-01	.21342E-02	.29762E-01	.15119E-04
136	-.29875E-01	.15039E-02	.29863E-01	.15301E-04
137	-.29925E-01	.83303E-03	.29922E-01	.15349E-04
138	-.29959E-01	.12438E-03	.29959E-01	.15662E-04
139	-.29959E-01	.15469E-04	.29959E-01	.15489E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.42E-03	-2.87E-02	-2.82E-02	-1.13E+00	1.60E-03	1.12E+00	1.11E+00	-1.14E+00	-44.60	2.42E-03	-1.13E+00
	-303.00	8.18E-07	-5.97E-07	-5.75E-07	-1.02E-04	1.46E-07	1.02E-04	5.14E-05	-5.11E-05			
2	72.00	-2.30E-03	-3.72E-02	-3.18E-02	-9.21E-01	-7.20E-05	9.44E-01	9.01E-01	-9.41E-01	-44.46	-2.30E-03	-9.21E-01
	-213.00	8.21E-07	-7.66E-07	-5.18E-07	-8.37E-05	-6.55E-09	8.58E-05	4.19E-05	-4.18E-05			
3	72.00	-1.28E-01	-3.85E-02	-3.86E-02	-5.94E-01	2.88E-02	6.37E-01	5.12E-01	-6.79E-01	-47.17	-1.28E-01	-5.94E-01
	-138.00	-1.84E-06	2.03E-07	2.01E-07	-2.70E-05	1.31E-06	2.89E-05	1.27E-05	-1.43E-05			
4	24.00	-4.18E-01	-1.32E-01	-1.36E-01	-1.05E+00	1.03E-01	1.09E+00	7.89E-01	-1.34E+00	-48.86	-4.18E-01	-1.05E+00
	-68.00	-8.54E-06	2.46E-06	2.31E-06	-8.11E-05	7.94E-06	8.39E-05	3.79E-05	-4.39E-05			
5	72.00	1.12E-01	-7.39E-03	3.48E-02	-4.63E-01	-5.88E-02	5.39E-01	5.19E-01	-4.15E-01	-41.34	-7.39E-03	4.63E-01
	-88.00	2.77E-06	-1.81E-06	-1.50E-07	-3.56E-05	-4.52E-06	4.14E-05	1.84E-05	-1.75E-05			
6	120.00	5.31E-02	5.25E-02	3.81E-02	-9.13E-01	-4.77E-02	9.35E-01	9.66E-01	-8.60E-01	-44.99	-8.45E-01	1.64E-01
	-68.00	4.63E-07	4.41E-07	-1.14E-07	-7.02E-05	-3.67E-06	7.19E-05	3.56E-05	-3.47E-05			
7	36.25	-2.53E-01	-1.09E-01	-1.08E-01	-4.45E-01	5.83E-02	4.34E-01	2.70E-01	-6.31E-01	-49.59	-2.37E-01	-4.47E-01
	-19.00	-4.56E-06	9.66E-07	1.01E-06	-3.42E-05	4.49E-06	3.34E-05	1.55E-05	-1.91E-05			
8	108.00	1.48E-02	5.32E-02	3.26E-02	-3.56E-01	-1.46E-02	3.88E-01	3.91E-01	-3.23E-01	-46.54	1.48E-02	-3.56E-01
	-19.00	-5.37E-07	9.41E-07	1.49E-07	-2.74E-05	-1.12E-06	2.98E-05	1.39E-05	-1.35E-05			
9	216.00	-6.01E-02	-7.59E-02	-5.88E-02	-1.12E+00	1.11E-03	1.11E+00	1.05E+00	-1.18E+00	-44.80	-6.01E-02	-1.12E+00

	-303.00	-2.03E-07	-9.19E-07	-1.44E-07	-1.01E-04	1.01E-07	1.01E-04	5.02E-05	-5.13E-05				
10	216.00	-3.00E-02	-6.[illegible]E-02	-7.14E-02	-9.44E-01	8.38E-03	9.52E-01	8.65E-01	-1.02E+00	-45.29	-8.89E-02	-9.44E-01	
	-213.00	-1.05E-06	-1.66E-07	-2.[illegible]E-07	-8.[illegible]9E-05	7.62E-07	6.65E-05	4.23E-05	-4.35E-05				
11	216.00	-1.55E-01	-5.03E-02	-7.51E-02	-7.07E-01	3.75E-02	7.20E-01	6.06E-01	-8.11E-01	-47.10	-1.55E-01	-7.07E-01	
	-138.00	-2.04E-06	3.18E-07	-2.35E-07	-3.21E-05	1.70E-06	3.27E-05	1.52E-05	-1.70E-05				
12	168.00	-2.59E-01	-1.51E-01	-1.67E-01	-1.01E+00	8.86E-02	9.78E-01	8.02E-01	-1.21E+00	-46.54	-2.59E-01	-1.01E+00	
	-68.00	-3.62E-06	5.30E-07	-8.13E-08	-7.74E-05	6.81E-06	7.52E-05	3.72E-05	-4.03E-05				
13	216.00	2.05E-01	2.16E-02	7.49E-02	-4.22E-01	-8.66E-02	5.08E-01	5.45E-01	-3.19E-01	-38.89	2.16E-02	4.22E-01	
	-88.00	4.56E-06	-2.48E-06	-4.29E-07	-3.25E-05	-6.64E-06	3.91E-05	1.77E-05	-1.56E-05				
14	264.00	-7.39E-02	3.74E-02	-2.73E-02	-9.02E-01	-1.65E-02	9.50E-01	8.86E-01	-9.22E-01	-46.76	-8.96E-01	2.17E-01	
	-68.00	-2.14E-06	2.14E-06	-3.51E-07	-6.94E-05	-1.42E-06	7.35E-05	3.48E-05	-3.46E-05				
15	180.00	-1.43E-01	-2.83E-02	-6.19E-02	-3.92E-01	6.17E-02	3.99E-01	3.10E-01	-4.82E-01	-49.18	-1.43E-01	-3.92E-01	
	-19.00	-2.95E-06	1.48E-06	1.85E-07	-3.01E-05	4.75E-06	3.07E-05	1.45E-05	-1.60E-05				
16	252.00	-8.15E-02	4.63E-02	-5.81E-03	-3.41E-01	1.48E-02	4.15E-01	3.29E-01	-3.64E-01	-50.32	-8.15E-02	-3.41E-01	
	-19.00	-2.69E-06	2.23E-06	2.27E-07	-2.62E-05	1.14E-06	3.19E-05	1.31E-05	-1.36E-05				
17	361.00	-8.43E-02	-1.16E-01	-9.20E-02	-1.12E+00	-8.99E-03	1.09E+00	1.02E+00	-1.22E+00	-44.60	-8.43E-02	-1.12E+00	
	-303.00	-3.58E-08	-1.48E-06	-3.86E-07	-1.02E-04	-8.18E-07	9.88E-05	5.03E-05	-5.18E-05				
18	361.00	-1.18E-01	-9.07E-02	-1.13E-01	-9.83E-01	-1.51E-02	9.62E-01	8.79E-01	-1.09E+00	-45.39	-1.18E-01	-9.83E-01	
	-213.00	-1.17E-06	5.68E-08	-9.74E-07	-8.94E-05	-1.37E-06	8.75E-05	4.41E-05	-4.52E-05				
19	361.00	-1.81E-01	-5.67E-02	-1.23E-01	-7.39E-01	-1.97E-03	8.05E-01	6.23E-01	-8.61E-01	-47.41	-1.81E-01	-7.39E-01	
	-138.00	-2.23E-06	6.06E-07	-9.07E-07	-3.36E-05	-8.97E-08	3.66E-05	1.60E-05	-1.77E-05				
20	312.00	-4.74E-01	-2.66E-01	-3.07E-01	-1.13E+00	1.53E-01	1.11E+00	7.62E-01	-1.50E+00	-47.64	-4.74E-01	-1.13E+00	
	-68.00	-6.73E-06	1.28E-06	-2.97E-07	-8.67E-05	1.18E-05	8.51E-05	4.08E-05	-4.63E-05				
21	360.67	3.73E-01	1.26E-01	1.62E-01	-5.41E-01	-3.76E-01	7.19E-01	8.04E-01	-3.05E-01	-38.60	1.26E-01	5.41E-01	
	-88.00	7.06E-06	-2.40E-06	-1.02E-06	-4.16E-05	-1.35E-05	5.53E-05	2.37E-05	-1.90E-05				
22	409.33	-2.71E-01	-3.23E-01	-2.70E-01	-1.10E+00	-2.77E-02	1.34E+00	8.06E-01	-1.40E+00	-44.32	-1.38E+00	2.02E-01	
	-68.00	-9.19E-07	-2.93E-06	-9.00E-07	-8.48E-05	-2.13E-06	1.03E-04	4.05E-05	-4.43E-05				
23	324.00	-2.71E-01	-7.09E-02	-1.22E-01	-4.09E-01	1.09E-01	4.24E-01	2.50E-01	-5.92E-01	-51.88	-2.71E-01	-4.09E-01	
	-19.00	-5.34E-06	2.37E-06	4.17E-07	-3.15E-05	8.41E-06	3.26E-05	1.47E-05	-1.77E-05				
24	372.00	-9.24E-02	2.24E-01	6.96E-02	-1.10E+00	1.09E-01	1.22E+00	1.18E+00	-1.05E+00	-49.08	-9.24E-02	-1.10E+00	
	-9.33	-5.76E-06	6.40E-06	4.68E-07	-8.48E-05	8.41E-06	9.39E-05	4.31E-05	-4.25E-05				
25	401.25	-1.33E-01	-3.73E-02	-4.42E-02	-3.68E-01	1.43E-02	5.01E-01	2.86E-01	-4.57E-01	-48.71	2.24E-01	-2.06E-01	
	-19.00	-2.76E-06	9.23E-07	6.60E-07	-2.83E-05	1.10E-06	3.86E-05	1.34E-05	-1.52E-05				
26	427.67	-4.37E-01	-2.05E-01	-2.67E-01	-1.28E+00	1.61E-01	1.75E+00	9.66E-01	-1.61E+00	-47.58	-1.17E+00	-9.65E-01	
	-9.33	-6.82E-06	2.10E-06	-2.77E-07	-9.86E-05	1.24E-05	1.35E-04	4.72E-05	-5.19E-05				
27	457.00	-1.09E-01	-1.80E-01	-1.34E-01	-1.13E+00	-1.97E-02	1.05E+00	9.89E-01	-1.28E+00	-44.10	-1.09E-01	-1.13E+00	
	-303.00	5.33E-07	-2.69E-06	-5.96E-07	-1.03E-04	-1.79E-06	9.58E-05	5.04E-05	-5.26E-05				
28	457.00	-1.13E-01	-8.40E-02	-1.33E-01	-1.03E+00	-6.16E-02	9.50E-01	9.30E-01	-1.13E+00	-45.41	-1.13E-01	-1.03E+00	
	-213.00	-8.69E-07	4.70E-07	-1.74E-06	-9.35E-05	-5.60E-06	8.64E-05	4.66E-05	-4.70E-05				
29	457.00	-3.09E-01	-1.22E-01	-2.38E-01	-7.66E-01	-1.77E-01	8.76E-01	5.57E-01	-9.87E-01	-48.47	-3.09E-01	-7.66E-01	
	-138.00	-3.51E-06	7.33E-07	-1.91E-06	-3.48E-05	-8.03E-06	3.98E-05	1.62E-05	-1.89E-05				
30	442.00	-1.85E-01	-3.83E-01	-2.58E-01	-1.24E+00	-1.32E-01	1.24E+00	9.56E-01	-1.52E+00	-42.71	-1.85E-01	-1.24E+00	
	-68.00	1.96E-06	-5.67E-06	-8.33E-07	-9.51E-05	-1.02E-05	9.51E-05	4.58E-05	-4.95E-05				
31	457.33	1.52E+00	7.71E-01	8.34E-01	-4.80E-01	-8.46E-01	7.28E-01	1.75E+00	5.36E-01	-26.07	7.71E-01	4.80E-01	
	-88.00	2.40E-05	-4.66E-06	-7.23E-06	-3.69E-05	-6.51E-05	5.60E-05	3.31E-05	-1.37E-05				
32	472.67	-2.30E+00	-1.65E+00	-1.66E+00	-1.09E+00	3.97E-01	1.69E+00	-8.31E-01	-3.11E+00	-53.32	-2.93E+00	-6.23E-01	
	-68.00	-2.69E-05	-1.74E-06	-2.16E-06	-8.41E-05	3.06E-05	1.30E-04	2.96E-05	-5.82E-05				
33	443.00	-3.03E-01	-1.97E-01	-1.82E-01	-5.96E-01	8.79E-03	6.62E-01	3.48E-01	-8.48E-01	-47.54	-3.03E-01	-5.96E-01	
	-19.50	-4.15E-06	-8.34E-08	4.91E-07	-4.58E-05	6.76E-07	5.09E-05	2.09E-05	-2.51E-05				
34	454.00	-1.71E+00	-1.04E+00	-1.13E+00	-1.56E+00	4.74E-01	2.26E+00	2.24E-01	-2.98E+00	-51.05	-2.32E+00	-1.29E+00	
	-11.33	-2.32E-05	2.61E-06	-7.38E-07	-1.20E-04	3.65E-05	1.73E-04	5.12E-05	-7.18E-05				
35	461.67	-1.90E-01	-6.05E-02	-1.26E-01	-1.49E+00	9.91E-02	2.29E+00	1.36E+00	-1.61E+00	-46.24	-1.90E-01	-1.49E+00	
	-12.00	-3.16E-06	1.81E-06	-7.26E-07	-1.14E-04	7.62E-06	1.76E-04	5.65E-05	-5.79E-05				
36	468.00	9.44E-01	4.05E-01	5.16E-01	-1.80E-01	-7.81E-01	9.38E-01	9.98E-01	3.50E-01	-16.89	4.05E-01	1.80E-01	
	-30.00	1.58E-05	-4.52E-06	-6.42E-07	-1.39E-05	-6.01E-05	7.22E-05	1.79E-05	-7.02E-06				
37	476.33	-5.75E-01	-6.29E-01	-5.05E-01	-9.82E-01	1.10E-01	1.91E+00	3.80E-01	-1.58E+00	-44.21	-9.61E-01	-9.14E-01	
	-12.00	-3.34E-06	-5.42E-06	-6.32E-07	-7.55E-05	8.43E-06	1.47E-04	3.34E-05	-4.22E-05				
38	558.50	4.00E-02	-2.73E-02	-2.85E-02	-1.06E+00	-5.15E-02	9.27E-01	1.07E+00	-1.05E+00	-44.09	4.00E-02	-1.06E+00	
	-303.00	2.02E-06	-1.04E-06	-1.09E-06	-9.64E-05	-4.68E-06	8.43E-05	4.87E-05	-4.77E-05				
39	558.50	-7.63E-02	-1.55E-01	-1.95E-01	-1.04E+00	-1.08E-01	9.03E-01	9.26E-01	-1.16E+00	-43.91	-7.63E-02	-1.04E+00	
	-213.00	2.07E-06	-1.52E-06	-3.32E-06	-9.46E-05	-9.85E-06	8.21E-05	4.76E-05	-4.71E-05				
40	506.17	-5.49E-03	-1.89E-01	-2.10E-01	-2.25E+00	-4.85E-01	1.90E+00	2.16E+00	-2.35E+00	-43.83	-5.49E-03	-2.25E+00	
	-128.0[illegible]	[illegible].00E-06	-2.17E-06	-2.65E-06	-1.02E-04	-2.20E-05	[illegible]E-05	5.11E-05	-5.13E-05				
41	55[illegible]	[illegible].83E-01	-1.58E-01	-2.46E-01	-1.02E+00	-8.92E-01	[illegible]E+00	1.30E+00	-8.76E-01	-35.05	-1.58E-01	1.02[illegible]	

	-14[illegible]	[illegible].23E-05	-4.53E-06	-6.53E-06	-4.65E-05	-4.06E-05	[illegible]-05	2.86E-05	-2.08E-05			
42	610.83	-2.39E-01	-3.04E-01	-5.05E-01	-2.02E+00	-4.66E-01	[illegible]7E+00	1.75E+00	-2.29E+00	-44.54	-2.23E+00	4.99E
	-128.00	7.09E-08	-1.42E-06	-5.07E-06	-9.19E-05	-2.12E-05	6.67E-05	4.53E-05	-4.67E-05			
43	501.39	5.22E-02	-1.20E-02	-6.91E-02	-4.99E-01	-3.43E-01	5.72E-01	5.20E-01	-4.80E-01	-43.13	5.22E-02	-4.99E-01
	-78.00	2.34E-06	-1.68E-07	-2.33E-06	-3.84E-05	-2.64E-05	4.40E-05	2.03E-05	-1.82E-05			
44	534.67	-3.50E-01	-7.26E-02	-3.60E-01	-1.62E+00	-2.16E-01	2.24E+00	1.42E+00	-1.84E+00	-47.45	-1.78E+00	4.18E-01
	-68.00	-4.86E-06	5.81E-06	-5.24E-06	-1.25E-04	-1.66E-05	1.72E-04	6.30E-05	-6.21E-05			
45	584.67	2.66E-01	2.84E-01	4.55E-02	-1.59E+00	-5.77E-01	1.06E+00	1.87E+00	-1.32E+00	-45.17	2.66E-01	-1.59E+00
	-68.00	3.67E-06	4.39E-06	-4.79E-06	-1.23E-04	-4.44E-05	8.19E-05	6.54E-05	-5.73E-05			
46	610.83	1.50E+00	5.57E-01	5.29E-01	-8.99E-01	-7.97E-01	9.78E-01	2.04E+00	1.26E-02	-31.19	5.57E-01	8.99E-01
	-88.00	2.92E-05	-6.97E-06	-8.07E-06	-6.92E-05	-6.13E-05	7.52E-05	5.02E-05	-2.79E-05			
47	482.63	5.32E-02	4.37E-02	5.34E-02	-3.36E-01	-2.53E-01	6.76E-01	3.84E-01	-2.87E-01	-44.60	5.32E-02	-3.36E-01
	-21.00	3.94E-07	3.08E-08	4.01E-07	-2.59E-05	-1.95E-05	5.20E-05	1.31E-05	-1.27E-05			
48	485.83	9.03E-02	2.44E-01	9.24E-02	-9.61E-01	-3.28E-02	2.15E+00	1.13E+00	-7.97E-01	-47.28	-3.32E-02	-9.43E-01
	-12.00	-1.21E-06	4.69E-06	-1.13E-06	-7.39E-05	-2.53E-06	1.65E-04	3.88E-05	-3.53E-05			
49	507.88	-1.24E-01	6.04E-02	-5.13E-02	-3.74E-01	-1.99E-01	7.85E-01	3.54E-01	-4.17E-01	-51.91	-1.24E-01	-3.74E-01
	-21.00	-3.50E-06	3.58E-06	-7.15E-07	-2.88E-05	-1.53E-05	6.04E-05	1.49E-05	-1.48E-05			
50	538.67	-4.17E-01	1.62E-01	-2.68E-01	-1.40E+00	-6.68E-01	1.84E+00	1.30E+00	-1.55E+00	-50.86	-1.49E+00	4.23E-01
	-10.00	-1.03E-05	1.20E-05	-4.57E-06	-1.07E-04	-5.14E-05	1.42E-04	5.57E-05	-5.40E-05			
51	484.67	5.05E+00	3.48E+00	3.47E+00	4.80E-02	-4.98E-01	1.97E-01	5.06E+00	3.48E+00	1.75	3.48E+00	-4.80E-02
	8.00	6.24E-05	1.94E-06	1.66E-06	3.69E-06	-3.83E-05	1.52E-05	6.25E-05	1.88E-06			
52	507.00	-1.61E+00	-1.79E+00	-1.37E+00	-1.00E+00	-3.20E-01	-1.06E+00	-6.94E-01	-2.70E+00	-42.43	-2.52E+00	-5.71E-01
	9.00	-9.46E-06	-1.64E-05	-3.60E-07	-7.70E-05	-2.46E-05	-8.12E-05	2.57E-05	-5.16E-05			
53	603.00	-1.83E-01	-2.57E-02	-3.70E-01	-6.15E-01	-4.19E-01	5.17E-01	5.16E-01	-7.24E-01	-48.64	2.18E-01	-5.30E-01
	-18.00	-6.70E-07	5.37E-06	-7.88E-06	-4.73E-05	-3.22E-05	3.97E-05	2.62E-05	-2.15E-05			
54	712.00	4.22E-02	-1.35E-01	-9.72E-02	-9.89E-01	-9.84E-02	6.18E-01	9.47E-01	-1.04E+00	-42.44	4.22E-02	-9.89E-01
	-303.00	4.39E-06	-3.66E-06	-1.96E-06	-8.99E-05	-8.95E-06	5.62E-05	4.55E-05	-4.48E-05			
55	712.00	5.23E-01	2.85E-01	1.24E-01	-1.07E+00	-3.32E-01	6.00E-01	1.49E+00	-6.77E-01	-41.84	5.23E-01	-1.07E+00
	-213.00	1.17E-05	8.48E-07	-6.47E-06	-9.77E-05	-3.02E-05	5.46E-05	5.54E-05	-4.29E-05			
56	712.00	6.92E-01	2.97E-01	-2.72E-01	-8.24E-01	-8.64E-01	3.58E-01	1.34E+00	-3.52E-01	-38.25	6.92E-01	-8.24E-01
	-138.00	1.20E-05	2.99E-06	-9.95E-06	-3.74E-05	-3.93E-05	1.63E-05	2.67E-05	-1.18E-05			
57	712.00	6.82E-02	-1.14E-01	-4.23E-01	-5.15E-01	-3.79E-01	4.73E-01	5.00E-01	-5.46E-01	-39.98	6.82E-02	-5.15E-01
	-78.00	7.78E-06	7.65E-07	-1.11E-05	-3.96E-05	-2.92E-05	3.64E-05	2.44E-05	-1.58E-05			
58	712.00	1.56E-01	1.71E-01	-3.18E-01	-6.74E-01	-3.73E-01	4.13E-01	8.38E-01	-5.10E-01	-45.32	1.56E-01	-6.74E-01
	-18.00	5.90E-06	6.49E-06	-1.23E-05	-5.18E-05	-2.87E-05	3.18E-05	3.21E-05	-1.97E-05			
59	837.00	2.77E+00	1.53E+00	1.72E+00	-8.18E-01	-2.49E-01	4.16E-01	3.18E+00	1.12E+00	-26.40	1.53E+00	8.18E-01
	-318.00	4.78E-05	-8.69E-06	.00E+00	-7.44E-05	-2.27E-05	3.78E-05	6.62E-05	-2.72E-05			
60	887.00	4.34E-01	4.99E-02	1.93E-01	-2.16E+00	-1.80E-01	6.46E-01	2.41E+00	-1.93E+00	-42.46	-1.76E+00	8.48E-01
	-288.00	1.09E-05	-6.52E-06	.00E+00	-1.96E-04	-1.64E-05	5.87E-05	1.01E-04	-9.64E-05			
61	987.00	-4.72E-01	-3.39E-01	-3.24E-01	-2.17E+00	-6.34E-02	2.40E-01	1.77E+00	-2.58E+00	-45.88	-4.72E-01	-2.17E+00
	-288.00	-6.71E-06	-6.60E-07	.00E+00	-1.98E-04	-5.76E-06	2.18E-05	9.52E-05	-1.03E-04			
62	1037.00	2.62E+00	1.54E+00	1.67E+00	-1.58E+00	-5.77E-03	1.92E-02	3.75E+00	4.16E-01	-35.54	1.54E+00	1.58E+00
	-318.00	4.35E-05	-5.65E-06	.00E+00	-1.43E-04	-5.25E-07	1.75E-06	9.48E-05	-5.69E-05			
63	862.00	5.79E-03	5.53E-03	-2.65E-01	-1.07E+00	-9.86E-02	3.01E-01	1.08E+00	-1.07E+00	-45.00	5.79E-03	-1.07E+00
	-213.00	3.56E-06	3.54E-06	-8.75E-06	-9.74E-05	-8.97E-06	2.74E-05	5.23E-05	-4.52E-05			
64	1012.00	-2.35E-01	-1.36E-01	-4.41E-01	-1.14E+00	-4.06E-02	1.37E-01	9.59E-01	-1.33E+00	-46.24	-2.35E-01	-1.14E+00
	-213.00	-1.47E-07	4.36E-06	-9.49E-06	-1.04E-04	-3.69E-06	1.24E-05	5.41E-05	-4.99E-05			
65	837.00	1.67E-01	1.13E-01	-7.79E-01	-8.09E-01	-1.12E+00	4.74E-01	9.49E-01	-6.69E-01	-44.05	1.13E-01	8.09E-01
	-148.00	6.41E-06	5.18E-06	-1.51E-05	-3.68E-05	-5.08E-05	2.15E-05	2.42E-05	-1.26E-05			
66	937.00	1.42E-01	1.16E-01	-6.93E-01	-1.36E+00	-2.84E-01	2.24E-01	1.49E+00	-1.23E+00	-44.73	-8.20E-01	9.78E-01
	-128.00	5.51E-06	4.93E-06	-1.35E-05	-6.19E-05	-1.29E-05	1.02E-05	3.62E-05	-2.58E-05			
67	1037.00	1.36E+00	5.48E-01	-2.40E-01	-1.36E+00	-4.97E-01	6.41E-01	2.38E+00	-4.68E-01	-36.67	5.48E-01	1.36E+00
	-148.00	2.22E-05	3.68E-06	-1.42E-05	-6.20E-05	-2.26E-05	2.91E-05	4.53E-05	-1.94E-05			
68	837.00	6.39E-01	7.02E-01	7.69E-02	-1.49E+00	-6.26E-01	8.61E-02	2.16E+00	-8.23E-01	-45.60	6.39E-01	-1.49E+00
	-68.00	8.99E-06	1.14E-05	-1.26E-05	-1.15E-04	-4.82E-05	6.62E-06	6.76E-05	-4.72E-05			
69	937.00	3.96E-01	-3.20E-01	-6.23E-01	-9.37E-01	-5.38E-01	6.33E-01	1.04E+00	-9.62E-01	-34.54	-3.20E-01	9.37E-01
	-88.00	2.12E-05	-6.30E-06	-1.80E-05	-7.21E-05	-4.14E-05	4.87E-05	4.61E-05	-3.11E-05			
70	1037.00	-8.68E-02	-6.90E-02	-6.53E-01	-1.58E+00	2.59E-01	1.52E+00	1.51E+00	-1.66E+00	-45.16	-1.16E+00	1.15E+00
	-68.00	5.55E-06	6.23E-06	-1.42E-05	-1.22E-04	1.99E-05	1.17E-04	6.68E-05	-5.50E-05			
71	862.00	2.96E-01	2.34E-01	-4.09E-01	-6.74E-01	-4.78E-01	3.94E-01	8.40E-01	-4.09E-01	-43.68	2.96E-01	-6.74E-01
	-18.00	1.01E-05	7.67E-06	-1.71E-05	-5.18E-05	-3.68E-05	3.03E-05	3.48E-05	-1.71E-05			
72	1012.00	-3.17E-01	-2.41E-01	-8.85E-01	-6.82E-01	1.19E-01	2.02E-01	4.03E-01	-9.62E-01	-46.60	-3.17E-01	-6.82E-01
	-18.00	3.66E-06	6.59E-06	-1.82E-05	-5.24E-05	9.13E-06	1.55E-05	3.14E-05	-2.11E-05			
73	1387.00	-1.92E-01	-2.28E-01	-2.70E-01	-7.78E-01	-1.65E-02	-3.43E-01	5.68E-01	-9.88E-01	-44.33	-1.92E-01	-7.78E-01

	-303.00	2.45E-07	-1.41E-06	-3.31E-06	-7.07E-05	-1.50E-06	-3.11E-05	3.48E-05	-3.60E-05				
74	1387.00	-8.93E-02	-7.10E-02	-3.70E-01	-8.47E-01	-3.79E-02	-2.73E-01	7.67E-01	-9.27E-01	-45.31	-8.93E-02	-8.47E-01	
	-213.00	2.82E-06	3.66E-06	-9.52E-06	-7.70E-05	-3.44E-06	-2.48E-05	4.17E-05	-3.53E-05				
75	1387.00	-4.57E-02	-1.80E-01	-9.73E-01	-6.32E-01	-6.82E-02	-2.58E-01	5.23E-01	-7.49E-01	-41.97	-4.57E-02	-6.32E-01	
	-138.00	4.72E-06	1.67E-06	-1.43E-05	-2.87E-05	-3.10E-06	-1.17E-05	1.76E-05	-1.12E-05				
76	1187.00	3.64E-01	2.52E-01	-2.69E-01	-8.18E-01	-3.50E-01	-1.04E+00	1.13E+00	-5.09E-01	-43.04	3.64E-01	-8.16E-01	
	-68.00	1.02E-05	5.89E-06	-1.42E-05	-6.29E-05	-2.70E-05	-7.97E-05	3.95E-05	-2.34E-05				
77	1387.00	4.06E-01	3.23E-01	-3.54E-01	-6.02E-01	-2.29E-01	1.72E-01	9.68E-01	-2.39E-01	-43.03	3.23E-01	6.02E-01	
	-88.00	1.15E-05	8.30E-06	-1.77E-05	-4.63E-05	-1.76E-05	1.32E-05	3.31E-05	-1.33E-05				
78	1587.00	-1.77E-01	-1.47E-01	-6.94E-01	-5.84E-01	1.26E-01	-4.12E-01	4.22E-01	-7.47E-01	-45.74	-3.73E-01	5.45E-01	
	-68.00	4.37E-06	5.53E-06	-1.55E-05	-4.49E-05	9.68E-06	-3.17E-05	2.74E-05	-1.75E-05				
79	1237.00	4.05E-01	1.71E-01	-4.31E-01	-5.56E-01	-2.64E-01	-3.50E-02	8.56E-01	-2.80E-01	-39.05	4.05E-01	-5.56E-01	
	-18.00	1.40E-05	4.97E-06	-1.82E-05	-4.28E-05	-2.03E-05	-2.69E-06	3.13E-05	-1.24E-05				
80	1433.80	2.40E-01	2.43E-01	-4.62E-01	-6.30E-01	1.56E-03	-1.02E-01	8.71E-01	-3.89E-01	-45.07	2.40E-01	-6.30E-01	
	-8.00	9.00E-06	9.12E-06	-1.80E-05	-4.85E-05	1.20E-07	-7.83E-06	3.33E-05	-1.52E-05				
81	1533.80	3.69E-01	1.34E-01	-4.22E-01	-4.54E-01	7.49E-02	-5.02E-02	7.20E-01	-2.17E-01	-37.75	1.34E-01	4.54E-01	
	-28.00	1.33E-05	4.27E-06	-1.71E-05	-3.49E-05	5.76E-06	-3.86E-06	2.68E-05	-9.25E-06				
82	1633.80	2.45E-01	2.10E-02	-4.79E-01	-9.19E-02	1.94E-01	-1.30E-01	2.78E-01	-1.19E-02	-19.71	-1.18E-02	-4.50E-03	
	-8.00	1.17E-05	3.15E-06	-1.61E-05	-7.07E-06	1.50E-05	-9.99E-06	1.30E-05	1.88E-06				
83	1433.80	1.78E+00	8.15E-01	3.36E-01	-4.95E-01	-4.50E-01	1.04E-02	1.99E+00	6.07E-01	-22.85	8.15E-01	4.95E-01	
	27.60	3.63E-05	-8.75E-07	-1.93E-05	-3.81E-05	-3.46E-05	7.98E-07	4.43E-05	-8.90E-06				
84	1296.10	5.92E-01	9.54E-02	-4.40E-01	-5.22E-01	-2.58E-01	2.20E-01	9.22E-01	-2.34E-01	-32.28	4.11E-01	5.74E-01	
	40.70	2.01E-05	9.52E-07	-1.97E-05	-4.02E-05	-1.98E-05	1.69E-05	3.27E-05	-1.17E-05				
85	1148.60	2.09E-01	-1.05E-01	-6.26E-01	-5.24E-01	-2.31E-01	-4.86E-01	5.99E-01	-4.95E-01	-36.66	-4.11E-01	-2.92E-01	
	57.33	1.38E-05	1.69E-06	-1.83E-05	-4.03E-05	-1.78E-05	-3.74E-05	2.88E-05	-1.33E-05				
86	1131.40	2.29E+00	1.00E+00	4.58E-01	-2.78E-01	-1.05E+00	-1.76E-01	2.34E+00	9.46E-01	-11.71	1.00E+00	2.78E-01	
	112.00	4.67E-05	-2.58E-06	-2.36E-05	-2.14E-05	-8.05E-05	-1.36E-05	4.99E-05	-4.80E-06				
87	1019.80	7.32E-01	3.53E-01	-3.18E-01	-7.59E-01	-5.81E-01	1.21E+00	1.33E+00	-2.39E-01	-37.99	3.53E-01	7.59E-01	
	34.67	1.97E-05	5.15E-06	-2.07E-05	-5.84E-05	-4.47E-05	9.33E-05	4.25E-05	-1.77E-05				
88	886.60	1.85E-01	1.15E-01	-5.50E-01	-5.39E-01	-2.67E-01	4.54E-01	6.90E-01	-3.90E-01	-43.14	1.85E-01	-5.39E-01	
	46.00	9.86E-06	7.17E-06	-1.84E-05	-4.14E-05	-2.05E-05	3.49E-05	2.93E-05	-1.23E-05				
89	869.80	1.24E+00	4.39E-01	-1.75E-01	-2.66E-01	-9.21E-01	-2.96E-01	1.32E+00	3.59E-01	-16.82	4.39E-01	2.66E-01	
	96.00	3.11E-05	3.79E-07	-2.33E-05	-2.05E-05	-7.08E-05	-2.28E-05	3.42E-05	-2.71E-06				
90	952.60	6.73E-02	-6.54E-01	-1.01E+00	-8.54E-01	-2.83E-01	6.11E-01	6.34E-01	-1.22E+00	-33.57	-9.46E-01	6.59E-01	
	128.00	2.01E-05	-7.62E-06	-2.12E-05	-6.57E-05	-2.17E-05	4.70E-05	4.19E-05	-2.94E-05				
91	869.80	3.61E-01	1.97E-01	-4.65E-01	-3.02E-01	-3.92E-01	-2.01E-01	5.92E-01	-3.44E-02	-37.40	3.61E-01	-3.02E-01	
	160.00	1.29E-05	6.55E-06	-1.89E-05	-2.32E-05	-3.01E-05	-1.54E-05	2.17E-05	-2.34E-06				
92	869.80	1.85E+00	5.40E-01	-6.84E-03	-2.54E-01	-1.65E+00	2.24E-01	1.90E+00	4.92E-01	-10.59	5.40E-01	2.54E-01	
	203.60	4.50E-05	-5.44E-06	-2.65E-05	-1.95E-05	-1.27E-04	1.72E-05	4.68E-05	-7.27E-06				
93	598.67	-1.15E-01	6.18E-02	-4.02E-01	-1.01E+00	-1.29E+00	1.30E+00	9.86E-01	-1.04E+00	-47.50	6.18E-02	1.01E+00	
	16.00	5.96E-07	7.38E-06	-1.05E-05	-7.76E-05	-9.91E-05	9.99E-05	4.29E-05	-3.50E-05				
94	645.75	7.80E-02	1.39E-01	-2.99E-01	-6.57E-01	-4.64E-01	4.84E-01	7.66E-01	-5.49E-01	-46.34	7.80E-02	-6.57E-01	
	24.00	3.90E-06	6.26E-06	-1.06E-05	-5.05E-05	-3.57E-05	3.72E-05	3.04E-05	-2.02E-05				
95	613.10	3.32E-01	6.37E-01	1.27E-01	-1.14E+00	-6.50E-01	-7.92E-01	1.64E+00	-6.70E-01	-48.80	3.32E-01	-1.14E+00	
	69.33	7.30E-07	1.25E-05	-7.17E-06	-8.81E-05	-5.00E-05	-6.10E-05	5.10E-05	-3.78E-05				
96	708.45	2.11E-01	9.77E-02	-4.06E-01	-5.47E-01	-4.96E-01	2.42E-01	7.04E-01	-3.95E-01	-42.04	4.23E-01	4.73E-01	
	55.00	9.18E-06	4.83E-06	-1.45E-05	-4.21E-05	-3.81E-05	1.86E-05	2.81E-05	-1.41E-05				
97	613.10	7.67E-01	1.57E-01	-2.13E-01	-3.71E-01	-2.14E+00	2.43E-01	9.42E-01	-1.85E-02	-25.27	1.57E-01	3.71E-01	
	96.00	2.17E-05	-1.78E-06	-1.60E-05	-2.85E-05	-1.65E-04	1.87E-05	2.84E-05	-8.52E-06				
98	682.27	3.59E-01	2.16E-01	-2.94E-01	-6.92E-01	-6.59E-01	-8.75E-04	9.83E-01	-4.09E-01	-42.05	-2.95E-01	3.81E-01	
	112.00	1.07E-05	5.21E-06	-1.44E-05	-5.32E-05	-5.07E-05	-6.73E-08	3.47E-05	-1.88E-05				
99	751.43	1.10E+00	-1.36E-01	-3.07E-01	-8.12E-01	-1.04E+00	9.99E-01	1.50E+00	-5.39E-01	-26.36	-1.36E-01	8.12E-01	
	96.00	3.51E-05	-1.25E-05	-1.90E-05	-6.25E-05	-8.00E-05	7.68E-05	5.06E-05	-2.79E-05				
100	683.25	1.26E-01	-5.74E-02	-5.32E-01	-2.71E-01	-5.23E-01	4.90E-01	3.21E-01	-2.52E-01	-35.63	1.26E-01	-2.71E-01	
	152.00	9.95E-06	2.88E-06	-1.54E-05	-2.08E-05	-4.02E-05	3.77E-05	1.74E-05	-4.59E-06				
101	648.67	1.35E+00	4.26E-01	-7.59E-02	-9.50E-02	-1.54E+00	7.94E-02	1.36E+00	4.17E-01	-5.79	4.26E-01	9.50E-02	
	192.00	3.33E-05	-2.32E-06	-2.16E-05	-7.30E-06	-1.18E-04	6.11E-06	3.37E-05	-2.69E-06				
102	725.25	1.35E-01	-2.17E-01	-6.26E-01	-3.02E-01	-4.35E-01	4.58E-01	3.08E-01	-3.96E-01	-29.90	-3.08E-02	3.49E-01	
	232.70	1.30E-05	-5.54E-07	-1.63E-05	-2.32E-05	-3.34E-05	3.53E-05	1.96E-05	-7.23E-06				
103	635.50	3.73E-01	6.90E-01	1.35E-02	8.67E-02	-3.54E-01	-6.29E-01	7.12E-01	3.51E-01	75.65	3.73E-01	8.67E-02	
	256.00	2.51E-06	1.47E-05	-1.13E-05	6.67E-06	-2.72E-05	-4.84E-05	1.56E-05	1.66E-06				
104	638.5[illegible]	[illegible]2.94E-01	2.61E-01	-4.64E-01	9.90E-02	-1.28E+00	[illegible]58E-02	3.78E-01	1.77E-01	40.27	2.61E-01	-9.90E-02	
	290.[illegible]	[illegible].03E-05	9.04E-06	-1.89E-05	7.61E-06	-9.82E-05	[illegible]E-06	1.35E-05	5.82E-06				
105	569[illegible]	[illegible]4.59E-01	-1.68E-02	-4.21E-01	-1.0[illegible]E+00	-4.94E-01	[illegible]E+00	8.35E-01	-1.31E+00	-50.94	-4.59E-01	-1.0[illegible]	

	16.[illegible]	[illegible].80E-06	9.20E-06	-[illegible].33E-06	-8.09E-05	-3.80E-05	[illegible]E-05	4.20E-05	-4.06E-05					
106	50[illegible].50	-3.20E+00	-2.17E+00	-2.36E+00	-9.25E-01	-1.30E+00	2.36E-01	-1.63E+00	-3.74E+00	-59.46	-2.17E+00	9.25E[illegible]		
	13.00	-3.80E-05	1.35E-06	-5.63E-06	-7.12E-05	-9.99E-05	1.92E-05	2.23E-05	-5.90E-05					
107	521.00	-9.30E-01	-2.70E-01	-5.36E-01	-1.13E+00	-3.98E-01	4.99E-01	6.07E-01	-1.71E+00	-51.87	-8.30E-01	-1.13E+00		
	15.75	-1.39E-05	7.36E-06	-2.54E-06	-8.67E-05	-3.06E-05	3.84E-05	4.14E-05	-4.79E-05					
108	526.25	-7.39E-01	-2.56E-01	-5.23E-01	-1.22E+00	-3.49E-01	5.30E-01	7.50E-01	-1.75E+00	-50.58	-7.39E-01	-1.22E+00		
	21.00	-1.18E-05	6.84E-06	-3.44E-06	-9.42E-05	-2.69E-05	4.08E-05	4.56E-05	-5.05E-05					
109	51[illegible].50	-2.09E+00	-1.44E+00	-1.70E+00	-1.59E+00	-1.03E+00	2.37E-01	-1.40E-01	-3.39E+00	-50.73	-1.44E+00	1.59E+00		
	26.00	-2.28E-05	1.59E-06	-7.89E-06	-1.22E-04	-7.94E-05	1.82E-05	5.20E-05	-7.28E-05					
110	531.50	-4.04E-01	-1.50E-01	-4.21E-01	-1.00E+00	-2.62E-01	4.95E-01	7.19E-01	-1.30E+00	-48.18	-4.04E-01	-1.00E+00		
	34.50	-4.49E-05	4.13E-06	-5.16E-06	-7.73E-05	-2.01E-05	3.81E-05	3.87E-05	-3.91E-05					
111	515.50	6.75E-01	1.26E+00	6.67E-01	-3.03E+00	-2.34E-01	-1.35E+00	4.01E+00	-2.08E+00	-47.76	6.75E-01	-3.03E+00		
	44.00	-2.65E-06	1.99E-05	-2.96E-06	-2.33E-04	-1.80E-05	-1.04E-04	1.26E-04	-1.05E-04					
112	515.50	-1.97E-01	-2.16E-01	-4.76E-01	-6.91E-01	-7.42E-01	2.04E-01	4.84E-01	-8.98E-01	-44.60	-2.16E-01	6.91E-01		
	53.33	2.19E-06	1.45E-06	-8.53E-06	-5.32E-05	-5.71E-05	1.57E-05	2.84E-05	-2.48E-05					
113	547.50	9.43E-02	-3.80E-01	-4.07E-01	-1.06E+00	-3.57E-01	1.95E+00	9.45E-01	-1.23E+00	-38.71	-7.12E-01	9.28E-01		
	64.00	1.12E-05	-7.01E-06	-8.03E-06	-8.17E-05	-2.74E-05	1.50E-04	4.40E-05	-3.97E-05					
114	515.50	7.41E-01	1.00E+00	4.96E-01	-1.27E+00	-1.05E-01	-3.03E-01	2.15E+00	-4.07E-01	-47.93	7.41E-01	-1.27E+00		
	74.67	3.89E-06	1.39E-05	-5.52E-06	-9.78E-05	-8.09E-06	-2.33E-05	5.81E-05	-4.03E-05					
115	515.50	1.36E+00	7.86E-01	5.65E-01	-4.62E-01	-4.80E-01	2.11E-01	1.61E+00	5.28E-01	-29.18	7.86E-01	4.62E-01		
	88.00	2.24E-05	4.92E-07	-8.01E-06	-3.55E-05	-3.69E-05	1.62E-05	3.23E-05	-9.43E-06					
116	547.50	8.86E-01	1.00E-01	1.20E-01	-1.40E+00	-2.48E-01	9.66E-01	1.95E+00	-9.60E-01	-37.16	-5.12E-01	1.05E+00		
	104.00	2.19E-05	-8.30E-06	-7.54E-06	-1.08E-04	-1.91E-05	7.43E-05	6.27E-05	-4.91E-05					
117	515.50	1.44E-01	3.13E-01	-8.77E-02	-1.05E+00	-5.84E-02	7.83E-04	1.29E+00	-8.29E-01	-47.29	1.44E-01	-1.05E+00		
	120.00	1.48E-06	7.97E-06	-7.43E-06	-8.11E-05	-4.49E-06	6.03E-08	4.54E-05	-3.59E-05					
118	515.50	5.58E-01	2.55E-01	-3.90E-02	-4.00E-01	-3.78E-01	1.70E-01	8.34E-01	-2.12E-02	-34.62	2.55E-01	4.00E-01		
	136.00	1.30E-05	1.30E-06	-1.00E-05	-3.07E-05	-2.91E-05	1.31E-05	2.36E-05	-9.31E-06					
119	547.50	8.32E-01	5.19E-01	1.98E-01	-8.43E-01	-1.74E-01	3.29E-01	1.53E+00	-1.82E-01	-39.73	1.41E-01	6.70E-01		
	152.00	1.50E-05	2.93E-06	-9.42E-06	-6.48E-05	-1.34E-05	2.53E-05	4.19E-05	-2.40E-05					
120	515.50	4.23E-01	5.78E-01	7.21E-02	-6.84E-01	-1.41E-01	-5.06E-01	1.19E+00	-1.87E-01	-48.23	4.23E-01	-6.84E-01		
	168.00	4.49E-06	1.04E-05	-9.03E-06	-5.26E-05	-1.08E-05	-3.90E-05	3.39E-05	-1.90E-05					
121	515.50	1.00E+00	5.16E-01	1.57E-01	-2.82E-01	-6.43E-01	1.17E-01	1.13E+00	3.87E-01	-24.61	5.16E-01	2.82E-01		
	184.00	2.01E-05	1.44E-06	-1.24E-05	-2.17E-05	-4.95E-05	9.02E-06	2.51E-05	-3.52E-06					
122	547.50	3.09E-01	-3.22E-01	-4.29E-01	-9.09E-01	-2.81E-01	7.86E-01	9.56E-01	-9.68E-01	-35.43	-7.12E-01	6.53E-01		
	200.00	1.68E-05	-7.52E-06	-1.17E-05	-6.99E-05	-2.16E-05	6.04E-05	4.16E-05	-3.24E-05					
123	515.50	-8.92E-02	-1.35E-02	-4.17E-01	-4.38E-01	-1.36E-01	-6.57E-01	3.86E-01	-4.91E-01	-47.47	-8.92E-02	-4.38E-01		
	216.00	2.28E-06	5.19E-06	-1.03E-05	-3.37E-05	-1.05E-05	-5.05E-05	2.06E-05	-1.32E-05					
124	515.50	-2.22E-02	-1.74E-01	-5.86E-01	-6.16E-02	-6.51E-01	8.09E-02	-3.90E-04	-1.96E-01	-19.50	-1.74E-01	6.16E-02		
	232.00	7.75E-06	1.09E-06	-1.39E-05	-4.74E-06	-5.01E-05	6.23E-06	8.58E-06	1.05E-06					
125	547.50	-4.93E-01	-7.09E-01	-9.59E-01	-1.69E-01	-2.66E-01	1.33E+00	-4.00E-01	-8.02E-01	-28.76	-7.76E-01	9.87E-02		
	248.00	4.77E-06	-3.52E-06	-1.31E-05	-1.30E-05	-2.05E-05	1.02E-04	8.35E-06	-7.10E-06					
126	515.50	-6.15E-01	-6.98E-01	-9.02E-01	1.71E-01	7.37E-03	-2.30E-01	-4.81E-01	-8.32E-01	38.14	-6.15E-01	1.71E-01		
	264.00	6.97E-07	-2.51E-06	-1.04E-05	1.31E-05	5.67E-07	-1.77E-05	5.86E-06	-7.67E-06					
127	515.50	-4.71E-01	-4.38E-01	-7.82E-01	6.37E-02	-2.40E-01	6.61E-02	-3.89E-01	-5.20E-01	52.14	-4.38E-01	-6.37E-02		
	276.00	4.85E-07	1.73E-06	-1.15E-05	4.90E-06	-1.85E-05	5.09E-06	3.64E-06	-1.42E-06					
128	531.50	-6.34E-01	-3.20E-01	-7.46E-01	2.79E-02	2.86E-03	4.80E-02	-3.18E-01	-6.37E-01	84.96	-6.34E-01	2.79E-02		
	297.00	-5.70E-06	6.37E-06	-1.00E-05	2.15E-06	2.20E-07	3.69E-06	6.46E-06	-5.80E-06					
129	515.50	-1.25E+00	-4.56E-01	-9.88E-01	3.50E-01	-1.54E-02	-3.56E-01	-3.23E-01	-1.38E+00	69.23	-1.25E+00	3.50E-01		
	320.00	-1.84E-05	1.20E-05	-8.44E-06	2.70E-05	-1.19E-06	-2.74E-05	1.71E-05	-2.35E-05					
183	565.50	-1.59E-01	3.29E-01	-8.97E-02	-1.61E+00	-6.42E-01	1.06E+00	1.71E+00	-1.54E+00	-49.30	-1.58E-01	-1.61E+00		
	-8.00	-6.97E-06	1.18E-05	-4.35E-06	-1.24E-04	-4.94E-05	8.17E-05	6.51E-05	-6.03E-05					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2589E+02	.1600E+03	.6004E+02	-.6833E+01	.2964E+01	.2401E+01

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7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1936E+01	-.7287E+00	-.9594E-01	-.1382E+02	.1846E+00	.6400E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1486E+01	.2385E+00	-.1542E-01	-.2536E+02	-.6616E+00	.1298E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2226E+01	-.5244E+00	.7392E-01	-.3647E+02	.4354E+00	.1949E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.2829E+01	.4709E+00	.1636E-01	-.4745E+02	.1557E+01	.2704E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.4488E+00	.1410E+00	-.9799E-01	-.6400E+02	.3215E+01	.3784E+02
25	-.5125E+01	-.8386E+00	.1580E-01	-.7857E+02	.3625E+01	.4947E+02
26	-.9243E-01	-.1511E+00	.6887E-01	-.1544E+02	.4581E+01	.5799E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3309E+02	.6332E+01	-.1032E+01	-.8850E+02	.1138E+02	.6534E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.4734E+03	-.8716E+02	.6646E+01	-.1287E+03	.4744E+02	.1105E+03
40	-.3786E+03	-.6386E+02	.2455E+01	-.1225E+03	.4578E+02	.9939E+02
41	-.2984E+03	-.4421E+02	-.2790E+01	-.1063E+03	.4099E+02	.8381E+02
42	-.7940E+02	-.8517E+01	-.4249E+01	-.9049E+02	.2685E+02	.7219E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9462E+03	.1305E+03	.4792E+01	-.2717E+02	.6171E+02	-.9183E+02
48	.8333E+03	.1123E+03	.5752E+01	-.3332E+02	.5797E+02	-.6258E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1136E+04	.1709E+03	.5877E+01	.5320E+02	.4649E+02	-.1966E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3839E+01	-.5440E+00	-.9984E-01	-.1580E+02	.5775E+02	-.8925E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.7769E+03	.1167E+03	.5754E+01	.3420E+02	.3017E+02	-.1776E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.5415E+03	.9134E+02	.7545E+01	.3481E+02	.1889E+02	-.1712E+03
66	.1728E+03	.2578E+02	.5362E+01	.3973E+02	-.9601E+01	-.1790E+03
67	-.3815E+03	-.5765E+02	.9347E+01	.3990E+02	-.4172E+02	-.1770E+03
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.6750E+03	-.1020E+03	.7555E+01	.5457E+01	-.7954E+02	-.2087E+03
76	.7771E+02	.1051E+02	.5093E+01	-.1900E+01	-.1190E+03	-.2201E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2969E+03	-.4456E+02	.3731E+01	-.8926E+01	-.1597E+03	-.2090E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1229E+03	.1671E+02	.2519E+01	-.2513E+02	-.1815E+03	-.2119E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1690E+03	-.2741E+02	.2290E+01	-.1166E+02	-.2148E+03	-.1910E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1114E+03	.1448E+02	.1877E+01	-.3377E+01	-.2316E+03	-.1712E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1286E+03	-.2180E+02	.1840E+01	-.7086E+01	-.2600E+03	-.1563E+03
109	.7969E+02	.9305E+01	.1552E+01	-.7255E+01	-.2743E+03	-.1333E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1093E+03	-.1927E+02	.1393E+01	.2305E+01	-.2960E+03	-.1178E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.4971E+02	-.1037E+02	-.9896E-01	.7801E+01	-.2995E+03	-.9899E+02
115	-.3497E+02	-.8573E+01	-.8378E+00	.1658E+02	-.2995E+03	-.7765E+02
116	-.8463E+02	-.1597E+02	-.2110E+01	.1714E+02	-.3034E+03	-.7188E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.8705E+02	-.1645E+02	-.3024E+01	.1199E+02	-.3056E+03	-.5216E+02
119	-.8230E+02	-.1539E+02	-.4391E+01	.1946E+02	-.2730E+03	-.4360E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1433E+03	-.1620E+02	-.8689E+01	.7880E+01	-.2187E+03	-.3244E+02
122	-.1202E+03	-.4185E+01	-.1170E+02	-.8305E+01	-.2082E+03	-.2030E+02
123	-.8886E+02	-.1996E+01	-.1015E+02	-.5893E+01	-.1801E+03	-.1775E+02
124	-.6250E+02	-.1297E+01	-.7003E+01	-.4237E+01	-.1469E+03	-.1569E+02
125	-.3808E+02	.2513E+00	-.5112E+01	-.2868E+01	-.1199E+03	-.1374E+02
126	-.6229E+01	.4946E+01	-.4719E+01	-.1095E+01	-.9847E+02	-.1166E+02
127	.1664E+02	.8647E+01	-.4713E+01	.8858E-01	-.8169E+02	-.9132E+01
128	.3865E+02	.1132E+02	-.4137E+01	.2850E+01	-.4846E+02	-.6348E+01
129	.3706E+02	.9454E+01	-.3054E+01	.4059E+01	-.2289E+02	-.4132E+01
130	.2466E+02	.5569E+01	-.1770E+01	.4243E+01	-.5274E+01	-.2919E+01
131	.5956E+01	.9223E+00	-.7479E+00	.3571E+01	.2379E+01	-.2504E+01
132	-.8297E+00	-.4650E+00	-.4696E+00	.2260E+01	-.1849E+00	-.2430E+01
133	-.1278E+01	-.3700E+00	-.5027E+00	.1504E+01	-.2440E+01	-.2200E+01
134	-.3392E+00	-.8955E-01	-.5536E+00	.1139E+01	-.2498E+01	-.1768E+01

135	.2867E-01	.1036E-01	-.6322E+00	.3727E+00	-.1745E+01	-.1297E+01
136	.1705E-01	.4736E-02	-.8505E+00	.5069E+00	-.1087E+01	-.6549E+00
137	.4426E-01	.1617E-01	-.1440E+01	.3828E+00	-.4697E+00	-.4613E+00
138	-.3194E-01	-.5613E-01	-.3408E+02	.1972E+00	.1071E+00	-.2156E+00
139	-.3894E-01	-.6308E-01	.3872E+02	.3727E-01	-.5487E-01	.4502E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .1500E+01 (FOUR TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.14949E-01	.67661E-04	-.14760E-01	.00000E+00
3	.26480E-01	.24478E-03	-.26899E-01	.00000E+00
4	.29116E-01	.24309E-03	-.29126E-01	.00000E+00
5	.31391E-01	.23347E-04	-.31402E-01	.00000E+00
6	.35222E-01	-.79703E-05	-.35220E-01	.41153E-05
7	.32489E-01	.43719E-03	-.32815E-01	.00000E+00
8	.35306E-01	.30973E-03	-.35378E-01	.42876E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.14616E-01	.14553E-03	-.14671E-01	.00000E+00
11	.26972E-01	.28226E-03	-.27178E-01	.00000E+00
12	.30050E-01	.29734E-03	-.30290E-01	.00000E+00
13	.32461E-01	.21353E-03	-.32505E-01	.00000E+00
14	.35502E-01	.25352E-03	-.35793E-01	.20952E-05
15	.32890E-01	.58367E-03	-.33751E-01	.00000E+00
16	.35793E-01	.41606E-03	-.36482E-01	-.23256E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.14736E-01	.20025E-03	-.14984E-01	.00000E+00
19	.27433E-01	.32118E-03	-.28030E-01	.00000E+00
20	.30665E-01	.37441E-03	-.31386E-01	.00000E+00
21	.33193E-01	.18726E-03	-.33788E-01	.00000E+00
22	.36200E-01	.14223E-03	-.37451E-01	.82552E-06
23	.34036E-01	.84939E-03	-.35914E-01	.00000E+00
24	.36702E-01	.64990E-03	-.38736E-01	.99089E-05
25	.37060E-01	.87451E-03	-.39590E-01	-.78929E-06
26	.37265E-01	.80105E-03	-.40104E-01	-.46283E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.14756E-01	.38581E-03	-.14988E-01	.00000E+00
29	.28015E-01	.62900E-03	-.28509E-01	.00000E+00
30	.31279E-01	.66517E-03	-.32470E-01	.00000E+00
31	.34235E-01	.82250E-03	-.36038E-01	.00000E+00
32	.37487E-01	.93474E-03	-.40679E-01	.28641E-04
33	.34151E-01	.13118E-02	-.35847E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.14662E-01	.60350E-03	-.14835E-01	.00000E+00
36	.28226E-01	.78201E-03	-.28326E-01	.00000E+00
37	.31612E-01	.83189E-03	-.32060E-01	.00000E+00
38	.35144E-01	.98514E-03	-.37063E-01	.00000E+00
39	.37870E-01	.13325E-02	-.41642E-01	-.23053E-04
40	.37803E-01	.14791E-02	-.41417E-01	-.45371E-05
41	.37740E-01	.14511E-02	-.41211E-01	.88662E-05
42	.37540E-01	.12596E-02	-.40978E-01	.22216E-04
43	.31319E-01	.11372E-02	-.30213E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.13563E-01	-.12376E-03	-.12728E-01	.00000E+00
46	.28168E-01	.71793E-03	-.25908E-01	.00000E+00
47	.37901E-01	.11542E-02	-.41715E-01	-.19004E-04
48	.37892E-01	.12395E-02	-.41717E-01	-.30233E-04
49	.35105E-01	.10505E-02	-.36681E-01	.00000E+00
50	.38258E-01	.12316E-02	-.41872E-01	-.87741E-04
51	.35541E-01	.12551E-02	-.35028E-01	.00000E+00
	.39737E-01	.11072E-02	-.38490E-01	.00000E+00
	.37020E-01	.10588E-02	-.41711E-01	.59[illegible]E-05
	.31244E-01	.69312E-03	-.27395E-01	.00000E+00

	.35014E-01	.10358E-02	-.30011E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.11642E-01	.13715E-02	-.82110E-02	.00000E+00
58	.24905E-01	.62774E-03	-.15387E-01	.00000E+00
59	.40502E-01	.67388E-03	-.35176E-01	.00000E+00
60	.39896E-01	.99153E-03	-.37005E-01	.00000E+00
61	.38507E-01	.12310E-02	-.41970E-01	-.13503E-03
62	.29282E-01	.25776E-03	-.18629E-01	.00000E+00
63	.33776E-01	.94010E-04	-.23745E-01	.00000E+00
64	.40544E-01	.10414E-02	-.39038E-01	.00000E+00
65	.39054E-01	.12309E-02	-.42061E-01	-.16766E-03
66	.40185E-01	.12279E-02	-.42243E-01	-.20332E-03
67	.41403E-01	.12210E-02	-.42443E-01	-.19348E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.90717E-02	-.15527E-03	-.41046E-02	.00000E+00
70	.26093E-01	-.88342E-04	-.13341E-01	.00000E+00
71	.39279E-01	-.22058E-03	-.26718E-01	.00000E+00
72	.41650E-01	.30223E-03	-.38901E-01	.00000E+00
73	.32025E-01	-.14164E-03	-.13611E-01	.00000E+00
74	.44175E-01	.82991E-03	-.40805E-01	.00000E+00
75	.42437E-01	.12147E-02	-.42617E-01	-.14688E-03
76	.43823E-01	.12427E-02	-.43008E-01	-.10257E-03
77	.36968E-01	-.67708E-03	-.18511E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.10780E-01	.38860E-03	-.45317E-02	.00000E+00
80	.24715E-01	-.44025E-03	-.97275E-02	.00000E+00
81	.27220E-01	-.61577E-03	-.10098E-01	.00000E+00
82	.30712E-01	-.93122E-03	-.14115E-01	.00000E+00
83	.43761E-01	-.70136E-03	-.29517E-01	.00000E+00
84	.40666E-01	-.11787E-02	-.20306E-01	.00000E+00
85	.45394E-01	.12356E-02	-.43448E-01	-.81910E-04
86	.45801E-01	.85741E-03	-.42448E-01	.00000E+00
87	.36889E-01	-.10026E-02	-.15253E-01	.00000E+00
88	.45763E-01	.32690E-03	-.36245E-01	.00000E+00
89	.46467E-01	.12724E-02	-.43926E-01	-.65502E-04
90	.27138E-01	-.35792E-03	.12917E-03	.00000E+00
91	.29275E-01	-.71755E-03	-.12175E-02	.00000E+00
92	.31482E-01	-.43339E-03	-.18322E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.11391E-01	.00000E+00	.10433E-02	.00000E+00
95	.21159E-01	.00000E+00	.18934E-02	.00000E+00
96	.24407E-01	.00000E+00	.15866E-02	.00000E+00
97	.25360E-01	.00000E+00	.26011E-02	.00000E+00
98	.24720E-01	.00000E+00	.29828E-02	.00000E+00
99	.27492E-01	-.91422E-04	.21881E-02	.00000E+00
100	.35111E-01	-.57911E-03	-.63381E-02	.00000E+00
101	.43328E-01	-.54072E-03	-.19462E-01	.00000E+00
102	.48135E-01	.12380E-02	-.44571E-01	-.59047E-04
103	.45754E-01	-.52107E-03	-.29337E-01	.00000E+00
104	.48916E-01	.10778E-02	-.44015E-01	.00000E+00
105	.49288E-01	.13019E-02	-.45158E-01	-.50639E-04
106	.47973E-01	-.57116E-03	-.34192E-01	.00000E+00
107	.50768E-01	.10572E-02	-.44330E-01	.00000E+00
108	.50616E-01	.13001E-02	-.45674E-01	-.43254E-04
109	.51567E-01	.12370E-02	-.46145E-01	-.40963E-04
110	.50677E-01	.59738E-03	-.36583E-01	.00000E+00
111	.52793E-01	.13594E-02	-.45339E-01	.00000E+00
112	.52608E-01	.12388E-02	-.46504E-01	-.36634E-04
113	.52352E-01	.34217E-03	-.40048E-01	.00000E+00
114	.53174E-01	.12368E-02	-.46836E-01	-.13249E-04
115	.53339E-01	.12044E-02	-.47048E-01	-.17609E-05
116	.53264E-01	.11304E-02	-.47212E-01	.94409E-05
117	.53064E-01	.15212E-02	-.46895E-01	.00000E+00
118	.53101E-01	.11398E-02	-.47270E-01	.17751E-04

119	.52624E-01	.10567E-02	-.47329E-01	.23273E-04
120	.53664E-01	.10115E-02	-.47060E-01	.00000E+00
121	.51730E-01	.10301E-02	-.47361E-01	.47690E-04
122	.51633E-01	.60294E-03	-.47442E-01	.56045E-04
123	.51490E-01	.24864E-03	-.47506E-01	.62564E-04
124	.51330E-01	-.15254E-03	-.47569E-01	.69923E-04
125	.51120E-01	-.60228E-03	-.47635E-01	.78414E-04
126	.50719E-01	-.14454E-02	-.47742E-01	.87468E-04
127	.50297E-01	-.23302E-02	-.47846E-01	.97332E-04
128	.49512E-01	-.40356E-02	-.48059E-01	.69728E-04
129	.48996E-01	-.53179E-02	-.48254E-01	.42729E-04
130	.48728E-01	-.60249E-02	-.48466E-01	.13117E-04
131	.48822E-01	-.58030E-02	-.49769E-01	-.17318E-04
132	.49144E-01	-.47923E-02	-.49071E-01	-.24910E-04
133	.49424E-01	-.37490E-02	-.49318E-01	-.20789E-04
134	.49603E-01	-.29286E-02	-.49517E-01	-.16767E-04
135	.49727E-01	-.22325E-02	-.49677E-01	-.15462E-04
136	.49816E-01	-.15303E-02	-.49793E-01	-.15661E-04
137	.49866E-01	-.84958E-03	-.49862E-01	-.15629E-04
138	.49904E-01	-.12775E-03	-.49904E-01	-.16155E-04
139	.49904E-01	-.15842E-04	-.49904E-01	-.15874E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .1900E+01

ELM	R-OBD Z-OBD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.75E-03	4.76E-02	2.41E-02	1.80E+00	2.14E-03	-1.81E+00	1.83E+00	-1.78E+00	45.35	3.75E-03	1.80E+00
	-303.00	-8.10E-07	1.18E-06	1.16E-07	1.64E-04	1.95E-07	-1.64E-04	8.22E-05	-8.18E-05			
2	72.00	1.51E-02	6.43E-02	1.13E-02	1.49E+00	4.06E-05	-1.53E+00	1.53E+00	-1.46E+00	45.47	1.51E-02	1.49E+00
	-213.00	-4.93E-07	1.74E-06	-6.62E-07	1.36E-04	3.69E-09	-1.39E-04	6.86E-05	-6.73E-05			
3	72.00	2.24E-01	7.19E-02	-5.38E-03	9.81E-01	-7.40E-02	-1.06E+00	1.13E+00	-8.36E-01	42.79	2.24E-01	9.81E-01
	-138.00	3.56E-06	1.11E-07	-1.64E-06	4.46E-05	-3.37E-06	-4.82E-05	2.42E-05	-2.05E-05			
4	24.00	9.55E-01	4.53E-01	5.48E-01	1.79E+00	-2.49E-01	-1.92E+00	2.51E+00	-1.11E+00	41.01	9.55E-01	1.79E+00
	-68.00	1.52E-05	-4.07E-06	-4.32E-07	1.38E-04	-1.92E-05	-1.47E-04	7.52E-05	-6.46E-05			
5	72.00	-2.99E-01	-1.06E-01	-2.83E-01	7.90E-01	6.11E-02	-8.74E-01	5.93E-01	-9.98E-01	48.49	-1.06E-01	-7.90E-01
	-88.00	-3.95E-06	3.50E-06	-3.32E-06	6.07E-05	4.70E-06	-6.73E-05	3.04E-05	-3.08E-05			
6	120.00	-1.58E-01	-1.60E-01	-2.00E-01	1.53E+00	8.19E-02	-1.54E+00	1.37E+00	-1.69E+00	44.98	1.35E+00	-2.77E-01
	-68.00	-3.85E-07	-4.63E-07	-1.99E-06	1.18E-04	6.30E-06	-1.18E-04	5.85E-05	-5.94E-05			
7	36.25	4.23E-01	1.72E-01	1.36E-01	8.11E-01	-1.06E-01	-7.82E-01	1.12E+00	-5.23E-01	40.60	3.95E-01	8.14E-01
	-19.00	8.24E-06	-1.42E-06	-2.80E-06	6.23E-05	-8.15E-06	-6.02E-05	3.50E-05	-2.81E-05			
8	108.00	-3.63E-02	-8.63E-02	-1.11E-01	6.31E-01	1.25E-02	-6.92E-01	5.70E-01	-6.93E-01	43.87	-3.63E-02	6.31E-01
	-19.00	1.17E-06	-7.54E-07	-1.70E-06	4.85E-05	9.64E-07	-5.33E-05	2.45E-05	-2.41E-05			
9	216.00	9.68E-02	1.30E-01	7.98E-02	1.80E+00	-8.09E-03	-1.82E+00	1.91E+00	-1.68E+00	45.26	9.68E-02	1.80E+00
	-303.00	4.19E-07	1.92E-06	-3.50E-07	1.63E-04	-7.36E-07	-1.65E-04	8.28E-05	-8.05E-05			
10	216.00	1.40E-01	1.27E-01	6.74E-02	1.53E+00	-3.04E-02	-1.57E+00	1.67E+00	-1.40E+00	44.88	1.40E-01	1.53E+00
	-213.00	2.02E-06	1.43E-06	-1.28E-06	1.40E-04	-2.77E-06	-1.43E-04	7.15E-05	-6.80E-05			
11	216.00	2.39E-01	9.98E-02	-1.51E-02	1.17E+00	-1.04E-01	-1.22E+00	1.34E+00	-9.99E-01	43.29	2.39E-01	1.17E+00
	-138.00	3.74E-06	5.69E-07	-2.04E-06	5.30E-05	-4.73E-06	-5.54E-05	2.87E-05	-2.44E-05			
12	168.00	4.93E-01	3.90E-01	3.01E-01	1.73E+00	-2.07E-01	-1.73E+00	2.17E+00	-1.29E+00	44.14	4.93E-01	1.73E+00
	-68.00	5.96E-06	1.98E-06	-1.42E-06	1.33E-04	-1.59E-05	-1.33E-04	7.04E-05	-6.25E-05			
13	216.00	-4.41E-01	-1.25E-01	-3.48E-01	7.18E-01	5.89E-02	-7.91E-01	4.53E-01	-1.02E+00	51.20	-1.25E-01	-7.19E-01
	-88.00	-6.91E-06	5.23E-06	-3.34E-06	5.52E-05	4.53E-06	-6.09E-05	2.74E-05	-2.91E-05			
14	264.00	4.35E-02	-1.37E-01	-1.37E-01	1.51E+00	2.90E-02	-1.57E+00	1.46E+00	-1.56E+00	43.28	1.42E+00	-3.61E-01
	-68.00	4.21E-06	-2.75E-06	-2.73E-06	1.16E-04	2.23E-06	-1.21E-04	5.88E-05	-5.73E-05			
15	180.00	1.97E-01	3.82E-02	-1.23E-03	7.14E-01	-1.41E-01	-7.01E-01	8.36E-01	-6.01E-01	41.83	1.97E-01	7.14E-01
	-19.00	5.00E-06	-1.10E-06	-2.62E-06	5.49E-05	-1.08E-05	-5.39E-05	2.96E-05	-2.57E-05			
16	252.00	1.14E-01	-6.18E-02	-1.02E-01	6.02E-01	-4.70E-02	-7.34E-01	6.34E-01	-5.82E-01	40.84	1.14E-01	6.02E-01
	-19.00	4.93E-06	-1.83E-06	-3.37E-06	4.63E-05	-3.61E-06	-5.64E-05	2.49E-05	-2.18E-05			
17	361.00	[illegible]33E-01	2.03E-01	1.24E-01	1.81E+00	3.50E-03	-1[illegible]E+00	1.98E+00	-1.64E+00	45.56	1.33E-01	1.81E+0[illegible]
	-303.00	[illegible]60E-09	3.26E-06	-3.32E-07	1.64E-04	3.18E-07	-[illegible]-04	8.39E-05	-8.06E-05			
18	361	[illegible].77E-01	1.76E-01	1.08E-01	1.60E+00	-6.22E-03	[illegible]+00	1.78E+00	-1.43E+00	44.99	1.77E-01	1.6[illegible]

	-213.00	2.06E-06	2.02E-06	-1.09E-06	1.46E-04	-5.65E-07	[illegible]E-04	7.50E-05	-7.09E-05				
19	361.00	2.72E-01	1.25E-01	1.23E-04	1.24E+00	-7.20E-02	-1.37E+00	1.44E+00	-1.04E+00	43.30	2.72E-01	1.24E[illegible]	
	-138.00	4.10E-06	7.62E-07	-2.08E-06	5.62E-05	-3.27E-06	-6.24E-05	3.06E-05	-2.57E-05				
20	312.00	8.80E-01	5.13E-01	5.16E-01	1.95E+00	-3.54E-01	-2.04E+00	2.70E+00	-1.20E+00	43.08	8.80E-01	1.95E+00	
	-68.00	1.17E-05	1.68E-06	-2.31E-06	1.50E-04	-2.72E-05	-1.57E-04	8.17E-05	-6.83E-05				
21	360.67	-7.49E-01	-3.54E-01	-5.62E-01	9.29E-01	1.57E-01	-1.14E+00	3.98E-01	-1.50E+00	50.97	-3.56E-01	-9.29E-01	
	-88.00	-1.05E-05	4.63E-06	-3.30E-06	7.15E-05	1.20E-05	-6.78E-05	3.36E-05	-3.95E-05				
22	409.33	4.98E-01	6.33E-01	3.42E-01	1.87E+00	1.61E-02	-2.31E+00	2.44E+00	-1.31E+00	46.11	2.41E+00	-3.16E-01	
	-68.00	2.69E-06	8.26E-06	-2.91E-06	1.44E-04	1.24E-06	-1.78E-04	7.76E-05	-6.66E-05				
23	324.00	3.87E-01	8.95E-02	2.91E-02	7.41E-01	-2.50E-01	-7.45E-01	9.94E-01	-5.18E-01	39.32	3.87E-01	7.41E-01	
	-19.00	9.34E-06	-2.12E-06	-4.44E-06	5.70E-05	-1.92E-05	-5.73E-05	3.27E-05	-2.55E-05				
24	372.00	1.75E-01	-2.52E-01	-2.14E-01	1.95E+00	-2.43E-01	-2.12E+00	1.93E+00	-2.00E+00	41.88	1.75E-01	1.95E+00	
	-9.33	9.93E-06	-6.49E-06	-5.05E-06	1.50E-04	-1.87E-05	-1.63E-04	7.73E-05	-7.39E-05				
25	401.25	1.53E-01	1.58E-02	-1.39E-01	6.47E-01	-6.47E-02	-8.75E-01	7.35E-01	-5.66E-01	41.97	-4.65E-01	3.49E-01	
	-19.00	5.54E-06	2.66E-07	-5.64E-06	4.98E-05	-4.98E-06	-6.73E-05	2.79E-05	-2.21E-05				
26	427.67	8.73E-01	6.61E-01	4.60E-01	2.23E+00	-3.39E-01	-3.02E+00	3.00E+00	-1.46E+00	43.64	2.17E+00	1.73E+00	
	-9.33	1.17E-05	3.50E-06	-4.22E-06	1.71E-04	-2.61E-05	-2.32E-04	9.34E-05	-7.82E-05				
27	457.00	1.65E-01	3.08E-01	1.83E-01	1.82E+00	2.07E-02	-1.83E+00	2.06E+00	-1.59E+00	46.12	1.65E-01	1.82E+00	
	-303.00	-1.01E-06	5.50E-06	-2.21E-07	1.66E-04	1.88E-06	-1.66E-04	8.52E-05	-8.07E-05				
28	457.00	1.63E-01	1.87E-01	1.23E-01	1.68E+00	4.61E-02	-1.67E+00	1.86E+00	-1.51E+00	45.20	1.63E-01	1.68E+00	
	-213.00	1.28E-06	2.34E-06	-5.46E-07	1.53E-04	4.19E-06	-1.51E-04	7.83E-05	-7.47E-05				
29	457.00	4.39E-01	2.11E-01	1.25E-01	1.30E+00	1.69E-01	-1.45E+00	1.63E+00	-9.75E-01	42.49	4.39E-01	1.30E+00	
	-138.00	5.91E-06	7.34E-07	-1.22E-06	5.89E-05	7.66E-06	-6.57E-05	3.29E-05	-2.62E-05				
30	442.00	4.19E-01	9.24E-01	4.39E-01	2.17E+00	1.38E-01	-2.30E+00	2.85E+00	-1.51E+00	48.33	4.18E-01	2.17E+00	
	-68.00	-3.49E-06	1.60E-05	-2.70E-06	1.67E-04	1.07E-05	-1.77E-04	9.02E-05	-7.77E-05				
31	457.33	-2.60E+00	-1.23E+00	-1.57E+00	7.92E-01	1.31E+00	-1.28E+00	-8.66E-01	-2.96E+00	65.45	-1.23E+00	-7.92E-01	
	-88.00	-4.07E-05	1.21E-05	-9.80E-07	6.09E-05	1.01E-04	-9.82E-05	2.60E-05	-5.46E-05				
32	472.67	4.15E+00	3.32E+00	2.96E+00	1.89E+00	-7.06E-01	-3.01E+00	5.67E+00	1.80E+00	38.79	5.28E+00	1.17E+00	
	-68.00	4.51E-05	1.31E-05	-9.48E-07	1.45E-04	-5.43E-05	-2.32E-04	1.03E-04	-4.52E-05				
33	443.00	4.49E-01	3.31E-01	1.06E-01	1.08E+00	-8.11E-02	-1.16E+00	1.48E+00	-6.95E-01	43.45	4.49E-01	1.08E+00	
	-19.50	7.53E-06	3.00E-06	-5.66E-06	8.34E-05	-6.24E-06	-8.95E-05	4.70E-05	-3.65E-05				
34	454.00	3.24E+00	2.27E+00	2.07E+00	2.78E+00	-8.39E-01	-3.86E+00	5.58E+00	-6.99E-02	40.10	4.34E+00	2.34E+00	
	-11.33	4.12E-05	4.19E-06	-3.74E-06	2.14E-04	-6.46E-05	-2.97E-04	1.31E-04	-8.60E-05				
35	461.67	6.87E-01	7.52E-01	4.42E-01	2.64E+00	-1.96E-01	-3.96E+00	3.36E+00	-1.92E+00	45.35	6.87E-01	2.64E+00	
	-12.00	5.76E-06	8.26E-06	-3.67E-06	2.03E-04	-1.51E-05	-3.05E-04	1.09E-04	-9.45E-05				
36	469.00	-1.99E+00	-7.38E-01	-1.20E+00	2.84E-01	1.19E+00	-1.60E+00	-6.72E-01	-1.96E+00	76.88	-7.38E-01	-2.84E-01	
	-30.00	-3.06E-05	1.37E-05	-4.09E-06	2.19E-05	9.15E-05	-1.23E-04	1.62E-05	-3.32E-05				
37	476.33	1.40E+00	1.82E+00	1.14E+00	1.78E+00	-2.13E-01	-3.28E+00	3.40E+00	-1.81E-01	48.32	2.12E+00	1.72E+00	
	-12.00	6.05E-06	2.20E-05	-4.03E-06	1.37E-04	-1.64E-05	-2.52E-04	8.29E-05	-5.49E-05				
38	558.50	-7.77E-02	5.09E-02	-2.17E-04	1.71E+00	7.01E-02	-1.69E+00	1.69E+00	-1.72E+00	46.08	-7.77E-02	1.71E+00	
	-303.00	-3.19E-06	2.67E-06	3.41E-07	1.55E-04	6.37E-06	-1.53E-04	7.73E-05	-7.78E-05				
39	558.50	8.46E-02	2.83E-01	1.88E-01	1.69E+00	1.44E-01	-1.64E+00	1.87E+00	-1.51E+00	46.69	8.46E-02	1.69E+00	
	-213.00	-3.37E-06	5.67E-06	1.31E-06	1.53E-04	1.31E-05	-1.49E-04	7.80E-05	-7.57E-05				
40	506.17	-1.07E-02	5.31E-01	1.45E-01	3.72E+00	5.22E-01	-3.46E+00	3.99E+00	-3.47E+00	47.08	-1.07E-02	3.72E+00	
	-128.00	-3.73E-06	8.58E-06	-1.97E-07	1.69E-04	2.37E-05	-1.57E-04	8.72E-05	-8.23E-05				
41	558.50	-1.07E+00	3.69E-01	2.00E-02	1.65E+00	1.19E+00	-2.40E+00	1.45E+00	-2.15E+00	56.82	3.69E-01	-1.65E+00	
	-148.00	-2.08E-05	1.20E-05	4.05E-06	7.49E-05	5.42E-05	-1.09E-04	3.65E-05	-4.53E-05				
42	610.83	2.90E-01	6.55E-01	4.95E-01	3.27E+00	7.09E-01	-2.70E+00	3.75E+00	-2.80E+00	46.59	3.68E+00	-6.83E-01	
	-128.00	-9.56E-07	7.33E-06	3.70E-06	1.49E-04	3.22E-05	-1.23E-04	7.77E-05	-7.13E-05				
43	501.38	-2.18E-01	-1.28E-02	-1.44E-01	8.37E-01	4.42E-01	-1.02E+00	7.28E-01	-9.59E-01	48.49	-2.18E-01	8.37E-01	
	-78.00	-4.26E-06	3.62E-06	-1.42E-06	6.44E-05	3.40E-05	-7.82E-05	3.21E-05	-3.28E-05				
44	534.67	5.57E-01	3.85E-01	4.52E-01	2.69E+00	2.74E-01	-3.52E+00	3.16E+00	-2.22E+00	44.08	3.10E+00	-5.51E-01	
	-68.00	6.10E-06	-5.14E-07	2.07E-06	2.07E-04	2.10E-05	-2.71E-04	1.06E-04	-1.01E-04				
45	584.67	-4.64E-01	-3.10E-01	-2.41E-01	2.59E+00	8.06E-01	-2.07E+00	2.21E+00	-2.98E+00	45.85	-4.64E-01	2.59E+00	
	-68.00	-6.71E-06	-7.59E-07	1.89E-06	2.00E-04	6.20E-05	-1.59E-04	9.61E-05	-1.04E-04				
46	610.83	-2.55E+00	-7.43E-01	-1.09E+00	1.43E+00	1.28E+00	-1.76E+00	4.43E-02	-3.34E+00	61.16	-7.43E-01	-1.43E+00	
	-88.00	-4.99E-05	1.96E-05	6.30E-06	1.10E-04	9.89E-05	-1.35E-04	4.98E-05	-8.02E-05				
47	482.63	-9.73E-02	4.23E-02	-2.31E-01	5.99E-01	3.73E-01	-1.18E+00	5.66E-01	-6.21E-01	48.38	-9.73E-02	5.89E-01	
	-21.00	-5.99E-07	4.77E-06	-5.75E-06	4.53E-05	2.87E-05	-9.07E-05	2.49E-05	-2.07E-05				
48	485.83	4.09E-01	5.34E-01	2.59E-01	1.70E+00	5.03E-02	-3.66E+00	2.17E+00	-1.23E+00	46.06	6.29E-01	1.69E+00	
	-12.00	2.50E-06	7.34E-06	-3.24E-06	1.31E-04	3.87E-06	-2.82E-04	7.04E-05	-6.05E-05				
49	507.98	8.02E-02	-7.24E-02	-1.52E-01	6.48E-01	2.61E-01	-1.33E+00	6.57E-01	-6.49E-01	41.64	8.02E-02	6.40E-01	
	-21.00	4.67E-06	-1.20E-06	-4.27E-06	4.99E-05	2.01E-05	-1.02E-04	2.68E-05	-2.34E-05				
50	538.67	5.03E-01	5.63E-02	2.94E-01	2.36E+00	9.89E-01	-2.98E+00	2.70E+00	-2.05E+00	41.75	2.64E+00	-4.95E-01	

	-10.00	1.24E-05	-8.20E-06	9.52E-07	1.91E-04	7.60E-05	-2.28E-04	9.33E-05	-8.91E-05				
51	484.67	-8.06E+00	-5.57E+00	-5.74E+00	-1.27E-01	7.01E-01	-3.66E-01	-5.56E+00	-8.07E+00	-87.10	-5.57E+00	1.27E-01	
	8.00	-9.72E-05	-1.32E-06	-7.87E-06	-9.75E-06	5.39E-05	-2.82E-05	-1.07E-06	-9.75E-05				
52	507.00	2.27E+00	2.62E+00	1.78E+00	1.46E+00	4.65E-01	1.42E+00	3.92E+00	9.74E-01	48.46	3.63E+00	8.74E-01	
	9.00	1.40E-05	2.76E-05	-4.92E-06	1.12E-04	3.57E-05	1.09E-04	7.74E-05	-3.58E-05				
53	603.00	1.63E-01	1.52E-02	2.79E-01	1.01E+00	5.64E-01	-9.07E-01	1.10E+00	-9.24E-01	42.91	-4.83E-01	8.36E-01	
	-18.00	1.25E-06	-4.43E-06	5.69E-06	7.77E-05	4.34E-05	-6.98E-05	3.74E-05	-4.05E-05				
54	712.00	-9.67E-02	1.92E-01	8.53E-02	1.60E+00	1.49E-01	-1.28E+00	1.45E+00	-1.56E+00	47.58	-9.67E-02	1.60E+00	
	-303.00	-6.74E-06	6.38E-06	1.53E-06	1.45E-04	1.35E-05	-1.17E-04	7.27E-05	-7.31E-05				
55	712.00	-8.65E-01	-4.53E-01	-3.52E-01	1.74E+00	4.89E-01	-1.25E+00	1.10E+00	-2.42E+00	48.36	-8.65E-01	1.74E+00	
	-213.00	-1.76E-05	1.10E-06	5.67E-06	1.59E-04	4.45E-05	-1.14E-04	7.16E-05	-8.81E-05				
56	712.00	-1.14E+00	-5.20E-01	2.86E-02	1.33E+00	1.21E+00	-8.85E-01	5.31E-01	-2.20E+00	51.61	-1.14E+00	1.33E+00	
	-138.00	-1.74E-05	-3.25E-06	9.23E-06	6.03E-05	5.51E-05	-4.02E-05	2.07E-05	-4.13E-05				
57	712.00	-2.18E-01	9.76E-02	3.30E-01	8.35E-01	5.17E-01	-6.47E-01	7.90E-01	-9.10E-01	50.34	-2.18E-01	8.35E-01	
	-78.00	-1.07E-05	1.45E-06	1.04E-05	6.43E-05	3.97E-05	-6.52E-05	2.81E-05	-3.73E-05				
58	712.00	-3.32E-01	-2.65E-01	1.82E-01	1.11E+00	4.88E-01	-8.89E-01	8.13E-01	-1.41E+00	45.86	-3.32E-01	1.11E+00	
	-18.00	-8.20E-06	-5.64E-06	1.16E-05	8.55E-05	3.75E-05	-6.84E-05	3.58E-05	-4.97E-05				
59	837.00	-4.50E+00	-2.48E+00	-2.79E+00	1.33E+00	6.02E-01	-1.00E+00	-1.82E+00	-5.16E+00	63.60	-2.48E+00	-1.33E+00	
	-318.00	-7.76E-05	1.41E-05	.00E+00	1.21E-04	5.47E-05	-9.12E-05	4.41E-05	-1.08E-04				
60	987.00	-6.61E-01	-4.92E-02	-2.84E-01	3.54E+00	3.01E-01	-2.01E+00	3.19E+00	-3.90E+00	47.47	2.91E+00	-1.39E+00	
	-288.00	-1.71E-05	1.07E-05	.00E+00	3.21E-04	2.74E-05	-1.82E-04	1.58E-04	-1.65E-04				
61	987.00	7.90E-01	5.59E-01	5.39E-01	3.57E+00	-3.13E-02	-1.56E+00	4.25E+00	-2.90E+00	44.07	7.90E-01	3.57E+00	
	-288.00	1.14E-05	8.67E-07	.00E+00	3.25E-04	-2.85E-06	-1.42E-04	1.69E-04	-1.56E-04				
62	1037.00	-4.36E+00	-2.59E+00	-2.78E+00	2.61E+00	3.32E-01	-1.11E+00	-7.25E-01	-6.23E+00	54.38	-2.59E+00	-2.61E+00	
	-318.00	-7.19E-05	8.64E-06	.00E+00	2.37E-04	3.02E-05	-1.01E-04	9.35E-05	-1.57E-04				
63	862.00	-5.39E-02	-2.31E-02	2.43E-01	1.77E+00	1.28E-01	-1.01E+00	1.73E+00	-1.81E+00	45.25	-5.39E-02	1.77E+00	
	-213.00	-4.61E-06	-3.21E-06	8.89E-06	1.61E-04	1.16E-05	-9.17E-05	7.66E-05	-8.45E-05				
64	1012.00	3.10E-01	1.92E-01	4.97E-01	1.90E+00	1.10E-02	-8.81E-01	2.15E+00	-1.65E+00	44.11	3.10E-01	1.90E+00	
	-213.00	1.10E-06	-4.24E-06	9.62E-06	1.73E-04	9.97E-07	-8.01E-05	8.48E-05	-8.79E-05				
65	837.00	-1.18E-01	-1.51E-01	7.91E-01	1.34E+00	1.04E+00	-1.19E+00	1.21E+00	-1.48E+00	44.65	-1.51E-01	-1.34E+00	
	-148.00	-5.43E-06	-6.17E-06	1.52E-05	6.11E-05	4.73E-05	-5.39E-05	2.47E-05	-3.63E-05				
66	937.00	-2.29E-01	-1.25E-01	6.72E-01	2.31E+00	3.26E-01	-1.12E+00	2.13E+00	-2.49E+00	45.65	1.45E+00	-1.64E+00	
	-128.00	-6.97E-06	-4.51E-06	1.36E-05	1.05E-04	1.48E-05	-5.10E-05	4.68E-05	-5.82E-05				
67	1037.00	-2.22E+00	-6.80E-01	-4.43E-02	2.26E+00	7.96E-01	-1.59E+00	9.41E-01	-3.84E+00	54.41	-6.80E-01	-2.26E+00	
	-148.00	-3.51E-05	6.07E-09	1.45E-05	1.03E-04	3.62E-05	-7.21E-05	3.68E-05	-7.19E-05				
68	837.00	-8.79E-01	-8.90E-01	-2.44E-01	2.52E+00	7.13E-01	-1.13E+00	1.64E+00	-3.41E+00	44.93	-8.79E-01	2.52E+00	
	-68.00	-1.17E-05	-1.21E-05	1.27E-05	1.94E-04	5.48E-05	-8.72E-05	8.51E-05	-1.09E-04				
69	937.00	-7.55E-01	3.27E-01	4.94E-01	1.47E+00	6.54E-01	-1.13E+00	1.35E+00	-1.78E+00	55.13	3.27E-01	-1.47E+00	
	-88.00	-2.98E-05	1.19E-05	1.83E-05	1.13E-04	5.03E-05	-8.72E-05	5.11E-05	-6.90E-05				
70	1037.00	4.00E-02	2.00E-01	6.97E-01	2.49E+00	-2.58E-01	-2.49E+00	2.61E+00	-2.37E+00	45.92	1.89E+00	-1.75E+00	
	-68.00	-8.75E-06	-2.61E-06	1.65E-05	1.91E-04	-1.99E-05	-1.92E-04	9.00E-05	-1.01E-04				
71	862.00	-5.28E-01	-3.60E-01	2.73E-01	1.10E+00	5.71E-01	-8.49E-01	6.61E-01	-1.55E+00	47.18	-5.28E-01	1.10E+00	
	-18.00	-1.35E-05	-7.08E-06	1.72E-05	8.47E-05	4.39E-05	-6.53E-05	3.22E-05	-5.28E-05				
72	1012.00	3.40E-01	3.29E-01	9.43E-01	1.16E+00	-1.22E-01	-6.45E-01	1.49E+00	-8.22E-01	44.87	3.40E-01	1.16E+00	
	-18.00	-4.64E-06	-5.06E-06	1.86E-05	8.89E-05	-9.37E-06	-4.96E-05	3.96E-05	-4.93E-05				
73	1387.00	2.77E-01	3.13E-01	3.40E-01	1.35E+00	1.41E-02	-2.14E-01	1.65E+00	-1.06E+00	45.38	2.77E-01	1.35E+00	
	-303.00	5.09E-07	2.16E-06	3.37E-06	1.23E-04	1.28E-06	-1.94E-05	6.28E-05	-6.01E-05				
74	1387.00	8.53E-02	3.80E-02	3.66E-01	1.45E+00	4.52E-02	-2.65E-01	1.51E+00	-1.39E+00	44.53	8.53E-02	1.45E+00	
	-213.00	-2.45E-06	-4.60E-06	1.02E-05	1.32E-04	4.11E-06	-2.41E-05	6.23E-05	-6.94E-05				
75	1387.00	2.58E-02	1.95E-01	9.03E-01	1.07E+00	1.05E-01	-1.20E-01	1.19E+00	-9.67E-01	47.25	2.58E-02	1.07E+00	
	-138.00	-5.31E-06	-1.46E-06	1.46E-05	4.88E-05	4.79E-06	-5.45E-06	2.11E-05	-2.79E-05				
76	1187.00	-5.03E-01	-3.54E-01	1.82E-01	1.52E+00	4.30E-01	4.82E-01	1.09E+00	-1.95E+00	46.39	-5.03E-01	1.52E+00	
	-68.00	-1.19E-05	-6.22E-06	1.44E-05	1.17E-04	3.31E-05	3.71E-05	4.95E-05	-6.76E-05				
77	1387.00	-5.77E-01	-4.48E-01	2.72E-01	9.22E-01	2.94E-01	-4.74E-01	4.12E-01	-1.44E+00	47.01	-4.48E-01	-9.22E-01	
	-88.00	-1.39E-05	-8.95E-06	1.87E-05	7.09E-05	2.26E-05	-3.64E-05	2.41E-05	-4.70E-05				
78	1587.00	7.91E-02	7.91E-02	6.59E-01	1.02E+00	-1.06E-01	1.24E-01	1.10E+00	-9.42E-01	44.99	4.71E-01	-9.42E-01	
	-68.00	-5.93E-06	-5.97E-06	1.64E-05	7.85E-05	-8.14E-06	9.52E-06	3.33E-05	-4.52E-05				
79	1237.00	-6.58E-01	-2.67E-01	3.18E-01	9.19E-01	3.67E-01	-2.61E-01	4.77E-01	-1.40E+00	51.01	-6.58E-01	9.19E-01	
	-18.00	-1.86E-05	-3.59E-06	1.89E-05	7.07E-05	2.82E-05	-2.01E-05	2.50E-05	-4.73E-05				
80	1433.80	-3.94E-01	-2.60E-01	4.31E-01	1.06E+00	6.81E-02	-1.34E-01	7.35E-01	-1.39E+00	46.81	-3.94E-01	1.06E+00	
	-8.00	-1.27E-05	-7.55E-06	1.90E-05	8.16E-05	5.24E-06	-1.03E-05	3.07E-05	-5.10E-05				
81	1533.80	[illegible].28E-01	-1.83E-01	3.39E-01	6.88E-01	-4.86E-03	[illegible]1E-02	3.18E-01	-1.13E+00	53.95	-1.83E-01	-6.88E[illegible]	
	-28.0[illegible]	[illegible].90E-05	-1.86E-06	1.82E-05	5.30E-05	-3.74E-07	[illegible]-06	1.74E-05	-3.82E-05				
82	1633	[illegible].44E-01	-1.32E-01	3.52E-01	1.92E-01	-1.58E-01	[illegible]-02	-5.65E-02	-6.20E-01	68.51	-5.66E-02	-8.7[illegible]	

	-8.0[illegible]	[illegible].74E-05	-1.52E-06	1.71E-05	1.48E-05	-1.21E-05	[illegible]-06	1.38E-06	-2.03E-05				
83	1433.80	-2.81E+00	-1.25E+00	-8.68E-01	7.61E-01	7.34E-01	[illegible]0E-01	-9.39E-01	-3.12E+00	67.83	-1.25E+00	-7.61E[illegible]	
	27.60	-5.38E-05	6.07E-06	2.07E-05	5.85E-05	5.64E-05	-1.31E-05	1.80E-05	-6.57E-05				
84	1296.10	-9.63E-01	-1.40E-01	3.18E-01	9.09E-01	3.86E-01	-3.81E-01	3.56E-01	-1.46E+00	58.47	-6.33E-01	-9.04E-01	
	40.70	-2.84E-05	3.24E-06	2.09E-05	6.23E-05	2.97E-05	-2.93E-05	2.23E-05	-4.75E-05				
85	1148.60	-3.87E-01	1.83E-01	6.04E-01	9.41E-01	3.86E-01	2.62E-01	8.81E-01	-1.05E+00	53.43	7.27E-01	5.28E-01	
	57.33	-1.93E-05	2.64E-06	1.88E-05	7.24E-05	2.97E-05	2.01E-05	2.95E-05	-4.61E-05				
86	1131.40	-3.57E+00	-1.66E+00	-1.17E+00	4.13E-01	1.52E+00	1.21E-01	-1.57E+00	-3.66E+00	78.32	-1.66E+00	-4.13E-01	
	112.00	-6.71E-05	6.55E-06	2.54E-05	3.16E-05	1.17E-04	9.30E-06	5.84E-06	-7.04E-05				
87	1019.80	-1.09E+00	-4.79E-01	1.46E-01	1.16E+00	7.27E-01	-1.78E+00	4.15E-01	-1.98E+00	52.36	-4.79E-01	-1.16E+00	
	34.67	-2.62E-05	-2.80E-06	2.12E-05	8.92E-05	5.59E-05	-1.37E-04	3.16E-05	-6.06E-05				
88	886.60	-3.95E-01	-1.80E-01	4.43E-01	8.80E-01	3.42E-01	-8.50E-01	5.99E-01	-1.17E+00	48.48	-3.95E-01	8.80E-01	
	48.00	-1.38E-05	-5.48E-06	1.85E-05	6.77E-05	2.63E-05	-6.54E-05	2.45E-05	-4.37E-05				
89	869.80	-2.13E+00	-8.51E-01	-3.40E-01	4.55E-01	1.13E+00	6.64E-02	-7.05E-01	-2.27E+00	72.26	-8.51E-01	-4.55E-01	
	96.00	-4.54E-05	3.76E-06	2.34E-05	3.50E-05	8.71E-05	5.11E-06	9.36E-06	-5.10E-05				
90	952.60	-2.47E-01	1.07E+00	1.11E+00	1.36E+00	4.31E-01	-9.78E-01	1.92E+00	-1.10E+00	57.94	1.53E+00	-1.02E+00	
	128.00	-3.07E-05	2.00E-05	2.14E-05	1.04E-04	3.32E-05	-7.53E-05	5.27E-05	-6.34E-05				
91	869.80	-6.17E-01	-2.00E-01	3.60E-01	5.46E-01	5.25E-01	5.26E-02	1.76E-01	-9.93E-01	55.43	-6.17E-01	5.46E-01	
	160.00	-1.87E-05	-2.68E-06	1.89E-05	4.20E-05	4.04E-05	4.05E-06	1.18E-05	-3.32E-05				
92	869.80	-3.07E+00	-9.65E-01	-6.15E-01	3.67E-01	2.08E+00	-3.67E-01	-9.03E-01	-3.13E+00	80.38	-9.65E-01	-3.67E-01	
	208.60	-6.70E-05	1.40E-05	2.74E-05	2.82E-05	1.60E-04	-2.82E-05	1.64E-05	-6.94E-05				
93	598.67	1.62E-01	-6.01E-02	3.65E-01	1.70E+00	1.55E+00	-2.07E+00	1.76E+00	-1.65E+00	43.13	-6.01E-02	-1.70E+00	
	16.00	1.11E-06	-7.44E-06	8.90E-06	1.31E-04	1.19E-04	-1.59E-04	6.24E-05	-6.87E-05				
94	645.75	-2.18E-01	-2.03E-01	1.70E-01	1.10E+00	5.86E-01	-8.85E-01	8.88E-01	-1.31E+00	45.19	-2.18E-01	1.10E+00	
	24.00	-5.62E-06	-5.06E-06	9.29E-06	8.45E-05	4.51E-05	-6.80E-05	3.69E-05	-4.76E-05				
95	613.10	-4.72E-01	-8.26E-01	-3.19E-01	1.90E+00	7.29E-01	5.00E-01	1.26E+00	-2.56E+00	42.34	-4.72E-01	1.90E+00	
	69.33	-3.81E-07	-1.40E-05	5.50E-06	1.46E-04	5.60E-05	3.85E-05	6.61E-05	-8.05E-05				
96	708.45	-4.65E-01	-1.48E-01	2.64E-01	8.96E-01	6.16E-01	-5.83E-01	6.03E-01	-1.22E+00	50.02	-6.94E-01	-8.23E-01	
	55.00	-1.41E-05	-1.87E-06	1.40E-05	6.89E-05	4.74E-05	-4.48E-05	2.70E-05	-4.30E-05				
97	613.10	-1.45E+00	-5.01E-01	-2.17E-01	6.10E-01	2.40E+00	-4.31E-01	-2.03E-01	-1.75E+00	63.99	-5.01E-01	-6.10E-01	
	96.00	-3.20E-05	4.59E-06	1.55E-05	4.69E-05	1.85E-04	-3.32E-05	1.60E-05	-4.35E-05				
98	682.27	-5.96E-01	-2.67E-01	1.63E-01	1.19E+00	7.38E-01	-4.13E-01	7.69E-01	-1.63E+00	48.95	5.96E-01	-6.22E-01	
	112.00	-1.52E-05	-2.56E-06	1.40E-05	9.15E-05	5.68E-05	-3.18E-05	3.73E-05	-5.51E-05				
99	751.43	-1.89E+00	3.20E-01	6.08E-02	1.35E+00	1.37E+00	-1.71E+00	9.58E-01	-2.53E+00	64.68	3.20E-01	-1.35E+00	
	96.00	-5.62E-05	2.89E-05	1.90E-05	1.04E-04	1.05E-04	-1.32E-04	5.35E-05	-8.07E-05				
100	683.25	-3.68E-01	-1.36E-02	4.01E-01	4.50E-01	5.80E-01	-7.05E-01	2.93E-01	-6.74E-01	55.74	-3.68E-01	4.50E-01	
	152.00	-1.44E-05	-7.36E-07	1.52E-05	3.46E-05	4.46E-05	-5.42E-05	1.11E-05	-2.61E-05				
101	648.67	-2.47E+00	-9.97E-01	-6.13E-01	2.23E-01	1.69E+00	-2.62E-01	-9.64E-01	-2.50E+00	81.58	-9.97E-01	-2.23E-01	
	192.00	-5.02E-05	6.50E-06	2.12E-05	1.71E-05	1.30E-04	-2.01E-05	7.77E-06	-5.14E-05				
102	725.25	-3.21E-01	2.93E-01	5.86E-01	4.91E-01	4.70E-01	-5.93E-01	5.66E-01	-5.94E-01	61.00	-1.28E-02	-5.80E-01	
	232.70	-1.85E-05	5.14E-06	1.64E-05	3.78E-05	3.61E-05	-4.56E-05	1.56E-05	-2.90E-05				
103	635.50	-5.05E-01	-7.87E-01	-8.97E-02	-6.38E-02	3.77E-01	5.63E-01	-4.91E-01	-8.00E-01	-12.18	-5.05E-01	-6.38E-02	
	256.00	-4.24E-06	-1.51E-05	1.17E-05	-4.91E-06	2.90E-05	4.33E-05	-3.71E-06	-1.56E-05				
104	635.50	-7.37E-01	-5.50E-01	1.90E-01	-9.50E-02	1.35E+00	-4.54E-02	-5.11E-01	-7.77E-01	-67.27	-5.50E-01	9.50E-02	
	290.67	-1.63E-05	-9.10E-06	1.94E-05	-7.31E-06	1.04E-04	-3.49E-06	-7.57E-06	-1.78E-05				
105	569.00	5.01E-01	1.21E-02	3.40E-01	1.78E+00	6.96E-01	-1.72E+00	2.05E+00	-1.54E+00	41.08	5.01E-01	1.78E+00	
	16.50	9.91E-06	-8.91E-06	3.69E-06	1.37E-04	5.35E-05	-1.32E-04	6.96E-05	-6.86E-05				
106	508.50	4.38E+00	2.95E+00	3.02E+00	1.40E+00	1.74E+00	-4.52E-01	5.24E+00	2.09E+00	31.53	2.95E+00	-1.40E+00	
	13.00	5.47E-05	-1.87E-07	2.45E-06	1.08E-04	1.34E-04	-3.47E-05	8.77E-05	-3.33E-05				
107	521.00	1.17E+00	4.68E-01	5.90E-01	1.82E+00	5.69E-01	-8.85E-01	2.67E+00	-1.03E+00	39.57	1.17E+00	1.82E+00	
	15.75	2.04E-05	-6.42E-06	-1.74E-06	1.40E-04	4.38E-05	-6.81E-05	7.81E-05	-6.41E-05				
108	526.25	1.02E+00	4.09E-01	5.58E-01	1.99E+00	4.91E-01	-9.28E-01	2.73E+00	-1.30E+00	40.63	1.02E+00	1.99E+00	
	21.00	1.74E-05	-6.12E-06	-3.85E-07	1.53E-04	3.78E-05	-7.14E-05	8.30E-05	-7.17E-05				
109	515.50	2.80E+00	1.91E+00	2.08E+00	2.51E+00	1.32E+00	-4.55E-01	4.90E+00	-1.94E-01	39.97	1.91E+00	-2.51E+00	
	26.00	3.31E-05	-1.13E-06	5.33E-06	1.93E-04	1.01E-04	-3.50E-05	1.14E-04	-8.21E-05				
110	531.50	4.82E-01	2.52E-01	3.77E-01	1.63E+00	3.58E-01	-8.28E-01	2.00E+00	-1.26E+00	42.98	4.82E-01	1.63E+00	
	34.50	6.32E-06	-2.52E-06	2.30E-06	1.25E-04	2.75E-05	-6.37E-05	6.46E-05	-6.06E-05				
111	515.50	-1.16E+00	-1.56E+00	-1.26E+00	4.83E+00	3.03E-01	1.09E+00	3.29E+00	-6.41E+00	42.61	-1.16E+00	4.83E+00	
	44.00	3.67E-06	-2.74E-05	-3.49E-07	3.72E-04	2.33E-05	8.35E-05	1.75E-04	-1.98E-04				
112	515.50	-1.01E-01	2.65E-02	2.08E-01	1.11E+00	8.70E-01	-3.79E-01	1.07E+00	-1.15E+00	46.65	2.65E-02	-1.11E+00	
	53.33	-5.36E-06	-4.45E-07	6.54E-06	8.53E-05	6.69E-05	-2.91E-05	3.98E-05	-4.56E-05				
113	547.50	-4.17E-01	4.53E-01	2.39E-01	1.73E+00	4.57E-01	-2.43E+00	1.81E+00	-1.77E+00	52.04	9.92E-01	-1.50E+00	
	64.00	-1.90E-05	1.44E-05	6.16E-06	1.33E-04	3.51E-05	-1.87E-04	6.64E-05	-7.11E-05				
114	515.50	-1.34E+00	-1.65E+00	-1.06E+00	2.02E+00	1.51E-01	4.49E-03	5.33E-01	-3.52E+00	42.77	-1.34E+00	2.02E+00	

	74.67	-6.94E-05	-1.50E-05	3.77E-05	1.55E-04	1.16E-05	3.46E-07	6.49E-05	-9.05E-05				
115	515.50	-2.58E+00	-1.56E+00	-1.42E+00	7.31E-01	6.03E-01	-3.71E-01	-1.18E+00	-2.97E+00	62.46	-1.56E+00	-7.31E-01	
	88.00	-3.82E-05	1.07E-06	6.51E-06	5.62E-05	4.64E-05	-2.85E-05	1.57E-05	-5.25E-05				
116	547.50	-1.57E+00	-1.45E-01	-4.63E-01	2.23E+00	3.52E-01	-1.44E+00	1.48E+00	-3.20E+00	53.86	8.20E-01	-1.63E+00	
	104.00	-3.65E-05	1.84E-05	8.13E-06	1.72E-04	2.71E-05	-1.11E-04	8.10E-05	-9.91E-05				
117	515.50	-4.03E-01	-5.33E-01	-1.23E-01	1.64E+00	6.48E-02	-3.67E-01	1.18E+00	-2.11E+00	43.87	-4.03E-01	1.64E+00	
	120.00	-3.87E-06	-8.86E-06	6.91E-06	1.26E-04	4.99E-06	-2.82E-05	5.69E-05	-6.96E-05				
118	515.50	-1.49E+00	-8.35E-01	-5.84E-01	6.28E-01	4.10E-01	-3.07E-01	-4.55E-01	-1.87E+00	58.85	-8.35E-01	-6.28E-01	
	136.00	-2.54E-05	-7.49E-08	9.51E-06	4.83E-05	3.16E-05	-2.36E-05	1.45E-05	-4.01E-05				
119	547.50	-1.41E+00	-6.21E-01	-4.86E-01	1.42E+00	2.21E-01	-6.45E-01	4.57E-01	-2.45E+00	52.77	-1.19E+04	-1.07E+00	
	152.00	-2.66E-05	3.77E-06	8.95E-06	1.09E-04	1.70E-05	-4.96E-05	4.52E-05	-6.80E-05				
120	515.50	-6.91E-01	-7.44E-01	-2.25E-01	1.08E+00	1.21E-01	1.85E-01	3.63E-01	-1.80E+00	44.29	-6.91E-01	1.08E+00	
	168.00	-8.33E-06	-1.04E-05	9.59E-06	8.31E-05	9.32E-06	1.42E-05	3.22E-05	-5.09E-05				
121	515.50	-2.16E+00	-1.24E+00	-9.06E-01	4.67E-01	6.24E-01	-2.21E-01	-1.04E+00	-2.36E+00	67.32	-1.24E+00	-4.67E-01	
	184.00	-3.58E-05	-3.41E-07	1.25E-05	3.59E-05	4.80E-05	-1.70E-05	7.17E-06	-4.33E-05				
122	547.50	-7.03E-01	5.08E-01	3.50E-01	1.55E+00	2.89E-01	-1.16E+00	1.56E+00	-1.76E+00	55.68	1.17E+00	-1.08E+00	
	200.00	-2.87E-05	1.78E-05	1.18E-05	1.19E-04	2.22E-05	-6.93E-05	5.85E-05	-6.94E-05				
123	515.50	2.64E-01	3.46E-01	6.75E-01	7.32E-01	4.88E-02	2.39E-01	1.04E+00	-4.29E-01	46.61	2.64E-01	7.32E-01	
	216.00	-3.97E-06	-8.09E-07	1.18E-05	5.63E-05	3.75E-06	1.84E-05	2.58E-05	-3.06E-05				
124	515.50	-3.86E-01	-6.86E-02	3.45E-01	1.47E-01	4.49E-01	-1.49E-01	-1.10E-02	-4.43E-01	68.59	-6.86E-02	-1.47E-01	
	232.00	-1.36E-05	-1.43E-06	1.45E-05	1.13E-05	3.45E-05	-1.15E-05	7.82E-07	-1.58E-05				
125	547.50	1.93E-01	4.89E-01	7.68E-01	3.29E-01	1.70E-01	-1.34E+00	7.01E-01	-1.92E-02	57.16	6.26E-01	-2.20E-01	
	248.00	-8.53E-06	2.89E-06	1.36E-05	2.53E-05	1.31E-05	-1.03E-04	1.10E-05	-1.67E-05				
126	515.50	8.38E-01	1.08E+00	1.21E+00	-1.77E-01	-1.16E-01	-1.25E-01	1.17E+00	7.44E-01	-61.89	8.38E-01	-1.77E-01	
	264.00	-2.08E-06	7.03E-06	1.22E-05	-1.36E-05	-8.90E-06	-9.60E-06	1.07E-05	-5.72E-06				
127	515.50	1.79E-01	2.53E-01	6.08E-01	-1.54E-02	-1.88E-02	-1.01E-01	2.56E-01	1.76E-01	-78.61	2.53E-01	1.54E-02	
	276.00	-4.54E-06	-1.72E-06	1.20E-05	-1.18E-06	-1.45E-06	-7.76E-06	-1.60E-06	-4.65E-06				
128	531.50	6.67E-01	3.60E-01	8.20E-01	-1.48E-03	-1.00E-01	-6.70E-02	6.67E-01	3.66E-01	-.28	6.67E-01	-1.48E-03	
	297.00	5.38E-06	-6.45E-06	1.12E-05	-1.14E-07	-7.71E-06	-5.15E-06	5.35E-06	-6.45E-06				
129	515.50	1.70E+00	9.71E-01	1.44E+00	-4.12E-01	-9.30E-02	8.26E-02	1.88E+00	7.85E-01	-24.28	1.70E+00	-4.12E-01	
	320.00	2.02E-05	-7.85E-06	1.03E-05	-3.17E-05	-7.15E-06	6.35E-06	2.73E-05	-1.50E-05				
183	565.50	1.56E-01	-2.79E-01	-1.62E-02	2.69E+00	9.08E-01	-1.96E+00	2.64E+00	-2.77E+00	42.69	1.56E-01	2.69E+00	
	-8.00	7.53E-06	-9.20E-06	9.07E-07	2.07E-04	6.98E-05	-1.51E-04	1.03E-04	-1.05E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .1900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3528E+02	-.2194E+03	-.2969E+02	.2052E+02	.3282E+02	-.2574E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3635E+01	.1498E+01	.5060E+00	.2444E+02	-.9590E+01	-.1731E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2993E+01	-.4901E+00	.2062E+00	.4189E+02	-.2062E+02	-.3259E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.4310E+01	.9951E+00	-.1424E-01	.5939E+02	-.3343E+02	-.4808E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.5108E+01	-.7867E+00	.3529E-01	.7690E+02	-.4617E+02	-.6532E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
[illegible]	.1713E+00	-.3731E+00	.2505E+00	.[illegible]9	-.5955E+02	-.8738E+02

	.1043E+02	.1699E+01	.2760E-01	.1[illegible]	-.6569E+02	-.1097E+03
26	-.7091E+01	-.1823E+00	-.5907E-01	.1388E+03	-.7006E+02	-.1261E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5942E+02	-.1134E+02	.1947E+01	.1429E+03	-.1007E+03	-.1397E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2526E+03	.1686E+03	-.8784E+01	.2045E+03	-.2825E+03	-.2266E+03
40	.6991E+03	.1127E+03	-.6133E+00	.1935E+03	-.2781E+03	-.2062E+03
41	.4945E+03	.6912E+02	.7561E+01	.1676E+03	-.2517E+03	-.1771E+03
42	.1228E+03	.1073E+02	.8243E+01	.1446E+03	-.1772E+03	-.1537E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1353E+04	-.1820E+03	-.7102E+01	.3704E+02	-.3066E+03	.1443E+03
48	-.1183E+04	-.1571E+03	-.8249E+01	.6103E+02	-.2843E+03	.1009E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1817E+04	-.2752E+03	-.8964E+01	-.5497E+02	-.2130E+03	.3718E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.5491E+01	.5214E+01	-.1408E+00	.2136E+02	-.2995E+03	.1379E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1244E+04	-.1879E+03	-.8838E+01	-.2775E+02	-.1663E+03	.3440E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.8694E+03	-.1316E+03	-.1171E+02	-.2891E+02	-.1489E+03	.3333E+03
66	-.2855E+03	-.4366E+02	-.1464E+02	-.3468E+02	-.1042E+03	.3476E+03
67	.6039E+03	.9013E+02	-.1464E+02	-.3427E+02	-.5605E+02	.3457E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1072E+04	.1607E+03	-.1207E+02	.1764E+02	-.6851E+01	.3700E+03
76	-.1195E+03	-.1748E+02	-.8224E+01	.3300E+02	.5030E+02	.3814E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4528E+03	.6897E+02	-.6034E+01	.4212E+02	.1146E+03	.3656E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

89	-.1922E+03	-.2746E+02	-.4210E+01	.6804E+02	.1516E+03	.3627E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2659E+03	.4181E+02	-.3786E+01	.4735E+02	.2054E+03	.3315E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1748E+03	-.2399E+02	-.3137E+01	.3644E+02	.2353E+03	.3002E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2011E+03	.3284E+02	-.3140E+01	.3937E+02	.2809E+03	.2720E+03
109	-.1217E+03	-.1532E+02	-.2683E+01	.3982E+02	.3077E+03	.2337E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1696E+03	.2873E+02	-.2520E+01	.1875E+02	.3424E+03	.1998E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.8335E+02	.1592E+02	-.2180E+00	.5716E+01	.3535E+03	.1625E+03
115	.4156E+02	.9803E+01	.7170E+00	-.8946E+01	.3545E+03	.1224E+03
116	.1050E+03	.1967E+02	.2066E+01	-.1462E+02	.3638E+03	.1031E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1078E+03	.2025E+02	.3180E+01	-.3993E+01	.3693E+03	.8213E+02
119	.9049E+02	.1728E+02	.4621E+01	-.2571E+02	.3324E+03	.5797E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1852E+03	.2224E+02	.1121E+02	-.1612E+02	.2747E+03	.3805E+02
122	.1557E+03	.7979E+01	.1665E+02	.9998E+01	.2631E+03	.2862E+02
123	.1165E+03	.4692E+01	.1457E+02	.7064E+01	.2286E+03	.2539E+02
124	.8334E+02	.3244E+01	.1005E+02	.5044E+01	.1872E+03	.2278E+02
125	.5259E+02	.9398E+00	.7353E+01	.3372E+01	.1537E+03	.2030E+02
126	.1228E+02	-.5158E+01	.6817E+01	.1220E+01	.1275E+03	.1765E+02
127	-.1698E+02	-.9960E+01	.6883E+01	-.2288E+00	.1072E+03	.1436E+02
128	-.4588E+02	-.1363E+02	.6308E+01	-.3626E+01	.6640E+02	.1070E+02
129	-.4496E+02	-.1156E+02	.4990E+01	-.5138E+01	.3441E+02	.7664E+01
130	-.3045E+02	-.6920E+01	.3312E+01	-.5389E+01	.1178E+02	.5794E+01
131	-.7628E+01	-.1188E+01	.1907E+01	-.4594E+01	.9392E+00	.4889E+01
132	.9754E+00	.5762E+00	.1346E+01	-.2948E+01	.3056E+01	.4421E+01
133	.1573E+01	.4675E+00	.1287E+01	-.1985E+01	.5159E+01	.3838E+01
134	.4245E+00	.1227E+00	.1323E+01	-.1509E+01	.4732E+01	.3048E+01
135	-.1887E-01	-.4365E-02	.1495E+01	-.1155E+01	.3330E+01	.2242E+01
136	-.1647E-01	.2139E-02	.1994E+01	-.8074E+00	.2123E+01	.1488E+01
137	-.5851E-01	-.2055E-01	.3207E+01	-.5350E+00	.9433E+00	.8091E+00
138	.3397E-01	.8848E-01	.6065E+02	-.3167E+00	-.2378E+00	.3946E+00
139	.6325E-01	.1025E+00	-.3967E+02	-.5447E-01	.1761E+00	-.1201E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.56158E-02	-.10304E-04	.54952E-02	.00000E+00
3	-.98414E-02	-.61490E-04	.98480E-02	.00000E+00
4	-.10546E-01	-.66440E-04	.10588E-01	.00000E+00
5	-.11229E-01	-.66342E-05	.11231E-01	.00000E+00
6	-.12140E-01	.20925E-05	.12141E-01	-.11467E-05
[illegible]	-.11491E-01	-.13553E-03	.11511E-01	[illegible]0000E+00
[illegible]	-.12151E-01	-.75784E-04	.12136E-01	[illegible]014E-06

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.54129E-02	-.66197E-04	.53509E-02	.00000E+00
11	-.97539E-02	-.10314E-03	.96663E-02	.00000E+00
12	-.10746E-01	-.98504E-04	.10644E-01	.00000E+00
13	-.11456E-01	-.54373E-04	.11314E-01	.00000E+00
14	-.12193E-01	-.44217E-04	.12123E-01	-.70314E-06
15	-.11546E-01	-.20112E-03	.11373E-01	.00000E+00
16	-.12259E-01	-.96196E-04	.12109E-01	.10232E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.54018E-02	-.11438E-03	.51950E-02	.00000E+00
19	-.98166E-02	-.15561E-03	.94856E-02	.00000E+00
20	-.10847E-01	-.16238E-03	.10485E-01	.00000E+00
21	-.11613E-01	-.78701E-04	.11202E-01	.00000E+00
22	-.12352E-01	-.90700E-05	.12098E-01	-.12271E-05
23	-.11789E-01	-.36400E-03	.11279E-01	.00000E+00
24	-.12471E-01	-.25271E-03	.12101E-01	-.32512E-05
25	-.12565E-01	-.31399E-03	.12132E-01	.27527E-06
26	-.12616E-01	-.30533E-03	.12161E-01	-.41792E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.53046E-02	-.22792E-03	.47051E-02	.00000E+00
29	-.98437E-02	-.34243E-03	.87925E-02	.00000E+00
30	-.10919E-01	-.34808E-03	.10021E-01	.00000E+00
31	-.11806E-01	-.38778E-03	.10941E-01	.00000E+00
32	-.12673E-01	-.38986E-03	.12201E-01	-.10561E-04
33	-.11750E-01	-.57375E-03	.10680E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.52302E-02	-.33244E-03	.44711E-02	.00000E+00
36	-.98329E-02	-.42632E-03	.82253E-02	.00000E+00
37	-.10969E-01	-.43503E-03	.96031E-02	.00000E+00
38	-.12015E-01	-.50230E-03	.10912E-01	.00000E+00
39	-.12774E-01	-.57727E-03	.12248E-01	.66981E-05
40	-.12759E-01	-.61407E-03	.12236E-01	.32400E-06
41	-.12744E-01	-.59106E-03	.12229E-01	-.42337E-05
42	-.12716E-01	-.51102E-03	.12220E-01	-.85737E-05
43	-.10679E-01	-.65810E-03	.77717E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.46310E-02	-.10670E-03	.29339E-02	.00000E+00
46	-.95703E-02	-.47945E-03	.61262E-02	.00000E+00
47	-.12780E-01	-.52436E-03	.12237E-01	.54059E-05
48	-.12779E-01	-.54957E-03	.12252E-01	.91726E-05
49	-.11992E-01	-.53228E-03	.10733E-01	.00000E+00
50	-.12898E-01	-.54327E-03	.12288E-01	.28763E-04
51	-.12073E-01	-.65984E-03	.93606E-02	.00000E+00
52	-.13415E-01	-.54403E-03	.10322E-01	.00000E+00
53	-.12780E-01	-.50371E-03	.12184E-01	-.11054E-06
54	-.10582E-01	-.48060E-03	.61740E-02	.00000E+00
55	-.11814E-01	-.53287E-03	.64236E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.37779E-02	-.48043E-03	.53278E-03	.00000E+00
58	-.79613E-02	-.23821E-03	.41215E-03	.00000E+00
59	-.13561E-01	-.31368E-03	.79644E-02	.00000E+00
60	-.13476E-01	-.46253E-03	.94638E-02	.00000E+00
61	-.13010E-01	-.54130E-03	.12307E-01	.44909E-04
62	-.94270E-02	-.14856E-03	.53149E-03	.00000E+00
63	-.10994E-01	-.95065E-04	.24773E-02	.00000E+00
64	-.13675E-01	-.49845E-03	.10474E-01	.00000E+00
65	-.13162E-01	-.53931E-03	.12325E-01	.56059E-04
66	-.13541E-01	-.53195E-03	.12361E-01	.68184E-04
67	-.13949E-01	-.52761E-03	.12400E-01	.64896E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.27932E-02	-.17303E-06	-.94964E-03	.00000E+00
70	-.79767E-02	.42642E-04	-.29170E-02	.00000E+00
71	-.12769E-01	.14257E-03	.19310E-02	.00000E+00
72	-.14023E-01	-.43559E-03	.10170E-01	.00000E+00

73	-.96750E-02	.13144E-03	-.59324E-02	.00000E+00
74	-.14354E-01	-.35288E-03	.10835E-01	.00000E+00
75	-.14204E-01	-.52042E-03	.12432E-01	.49351E-04
76	-.14765E-01	-.52474E-03	.12569E-01	.34786E-04
77	-.11383E-01	.47141E-03	-.42157E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.31950E-02	-.20205E-03	-.25546E-02	.00000E+00
80	-.71870E-02	.18347E-03	-.56672E-02	.00000E+00
81	-.77656E-02	.34230E-03	-.69656E-02	.00000E+00
82	-.90820E-02	.53181E-03	-.51563E-02	.00000E+00
83	-.14170E-01	.57353E-03	.18853E-02	.00000E+00
84	-.12399E-01	.90525E-03	-.51375E-02	.00000E+00
85	-.15299E-01	-.51106E-03	.12673E-01	.27905E-04
86	-.15406E-01	-.38015E-03	.11773E-01	.00000E+00
87	-.10874E-01	.77191E-03	-.74388E-02	.00000E+00
88	-.15199E-01	.29748E-04	.66997E-02	.00000E+00
89	-.15664E-01	-.51357E-03	.12836E-01	.22102E-04
90	-.62680E-02	.25987E-03	-.17127E-01	.00000E+00
91	-.70390E-02	.54591E-03	-.16753E-01	.00000E+00
92	-.77820E-02	.61429E-03	-.17014E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.21150E-02	.00000E+00	-.88491E-02	.00000E+00
95	-.42896E-02	.00000E+00	-.15756E-01	.00000E+00
96	-.52320E-02	.00000E+00	-.17142E-01	.00000E+00
97	-.52664E-02	.00000E+00	-.18544E-01	.00000E+00
98	-.48428E-02	.00000E+00	-.18737E-01	.00000E+00
99	-.60985E-02	.22321E-03	-.18934E-01	.00000E+00
100	-.95685E-02	.76770E-03	-.13844E-01	.00000E+00
101	-.13341E-01	.88397E-03	-.65381E-02	.00000E+00
102	-.16229E-01	-.50654E-03	.13015E-01	.19972E-04
103	-.14688E-01	.63239E-03	.48544E-03	.00000E+00
104	-.16549E-01	-.44166E-03	.12221E-01	.00000E+00
105	-.16613E-01	-.48632E-03	.13204E-01	.16567E-04
106	-.15622E-01	.67569E-03	.34935E-02	.00000E+00
107	-.17087E-01	-.32594E-03	.11777E-01	.00000E+00
108	-.17045E-01	-.46261E-03	.13335E-01	.15643E-04
109	-.17354E-01	-.44192E-03	.13499E-01	.13436E-04
110	-.16618E-01	.49990E-03	.43400E-02	.00000E+00
111	-.17712E-01	-.37924E-03	.11738E-01	.00000E+00
112	-.17696E-01	-.41330E-03	.13579E-01	.11961E-04
113	-.17513E-01	.49349E-03	.72328E-02	.00000E+00
114	-.17972E-01	-.37302E-03	.13727E-01	.33721E-05
115	-.17885E-01	-.34253E-03	.13779E-01	-.18683E-05
116	-.17768E-01	-.29346E-03	.13883E-01	-.91169E-05
117	-.17754E-01	-.50063E-03	.12865E-01	.00000E+00
118	-.17625E-01	-.27733E-03	.13910E-01	-.14568E-04
119	-.17258E-01	-.24566E-03	.13939E-01	-.22226E-04
120	-.18094E-01	-.54181E-04	.12986E-01	.00000E+00
121	-.16598E-01	-.21220E-03	.13995E-01	-.33505E-04
122	-.16530E-01	.58537E-04	.14044E-01	-.38245E-04
123	-.16433E-01	.30111E-03	.14082E-01	-.41929E-04
124	-.16326E-01	.56704E-03	.14121E-01	-.46024E-04
125	-.16189E-01	.85960E-03	.14160E-01	-.50617E-04
126	-.15932E-01	.13954E-02	.14225E-01	-.55014E-04
127	-.15468E-01	.19467E-02	.14288E-01	-.53998E-04
128	-.15188E-01	.30164E-02	.14416E-01	-.41306E-04
129	-.14981E-01	.37451E-02	.14534E-01	-.24741E-04
130	-.14732E-01	.41351E-02	.14662E-01	-.62717E-05
131	-.14811E-01	.39270E-02	.14856E-01	.11939E-04
132	-.15021E-01	.32479E-02	.15025E-01	.16271E-04
133	-.15202E-01	.25694E-02	.15173E-01	.13682E-04
[illegible]	-.15320E-01	.20200E-02	.15291E-01	[illegible]1287E-04
[illegible]	-.15401E-01	.15365E-02	.15385E-01	[illegible]0594E-04
[illegible]	-.15461E-01	.10592E-02	.15454E-01	[illegible]0741E-04

	-.15496E-01	.58671E-03	.15494E-01	.08813E-04
	-.15520E-01	.87580E-04	.15520E-01	.11013E-04
139.	-.15520E-01	.10202E-04	.15520E-01	.10214E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-8.57E-05	-2.49E-02	-2.95E-02	-6.76E-01	1.47E-03	6.66E-01	6.64E-01	-6.89E-01	-44.47	-8.56E-05	-6.76E-01
	-303.00	7.05E-07	-4.24E-07	-6.34E-07	-6.15E-05	1.33E-07	6.05E-05	3.09E-05	-3.06E-05			
2	72.00	4.59E-03	-2.84E-02	-3.77E-02	-5.27E-01	-2.38E-03	5.39E-01	5.16E-01	-5.39E-01	-44.10	4.59E-03	-5.27E-01
	-213.00	1.01E-06	-4.92E-07	-9.16E-07	-4.79E-05	-2.16E-07	4.90E-05	2.42E-05	-2.37E-05			
3	72.00	-4.64E-02	-2.91E-02	-5.07E-02	-3.17E-01	1.21E-03	3.40E-01	2.79E-01	-3.55E-01	-45.78	-4.64E-02	-3.17E-01
	-138.00	-3.92E-07	7.41E-10	-4.91E-07	-1.44E-05	5.48E-08	1.55E-05	7.00E-06	-7.40E-06			
4	24.00	-1.49E-01	-3.23E-02	-8.65E-03	-5.24E-01	2.78E-02	5.15E-01	4.37E-01	-6.18E-01	-48.16	-1.49E-01	-5.24E-01
	-68.00	-3.63E-06	8.40E-07	1.75E-06	-4.03E-05	2.14E-06	3.96E-05	1.89E-05	-2.17E-05			
5	72.00	6.40E-02	-2.21E-02	-3.50E-02	-2.44E-01	-4.97E-02	3.00E-01	2.69E-01	-2.27E-01	-40.01	-2.21E-02	2.44E-01
	-88.00	2.39E-06	-9.26E-07	-1.42E-06	-1.88E-05	-3.82E-06	2.31E-05	1.03E-05	-8.82E-06			
6	120.00	3.67E-02	6.60E-02	2.01E-03	-4.54E-01	-2.44E-02	6.89E-01	6.96E-01	-6.13E-01	-45.29	-4.05E-01	8.65E-02
	-68.00	4.81E-07	8.37E-07	-9.53E-07	-3.50E-05	-1.88E-06	3.76E-05	1.81E-05	-1.68E-05			
7	36.25	-1.13E-01	-4.82E-02	-6.23E-02	-1.95E-01	2.40E-02	1.91E-01	1.17E-01	-2.78E-01	-49.74	-1.06E-01	-1.96E-01
	-19.00	-1.89E-06	6.03E-07	6.27E-08	-1.50E-05	1.85E-06	1.47E-05	6.94E-06	-8.23E-06			
8	108.00	2.72E-03	1.99E-02	-8.28E-03	-1.46E-01	-1.27E-02	1.70E-01	1.58E-01	-1.35E-01	-46.68	2.72E-03	-1.46E-01
	-19.00	-5.26E-08	6.07E-07	-4.76E-07	-1.13E-05	-9.79E-07	1.31E-05	8.92E-06	-5.36E-06			
9	216.00	-5.53E-02	-7.82E-02	-6.30E-02	-6.63E-01	-2.53E-03	6.47E-01	5.96E-01	-7.30E-01	-44.51	-5.53E-02	-6.63E-01
	-303.00	3.87E-08	-1.00E-06	-3.11E-07	-6.02E-05	-2.30E-07	5.88E-05	2.96E-05	-3.06E-05			
10	216.00	-6.53E-02	-7.21E-02	-7.99E-02	-5.39E-01	-4.10E-03	5.32E-01	4.70E-01	-6.08E-01	-44.85	-6.63E-02	-5.39E-01
	-213.00	-1.79E-07	-4.43E-07	-7.96E-07	-4.90E-05	-3.73E-07	4.83E-05	2.42E-05	-2.48E-05			
11	216.00	-7.75E-02	-5.29E-02	-9.76E-02	-3.80E-01	-3.45E-03	3.76E-01	3.15E-01	-4.45E-01	-45.93	-7.75E-02	-3.80E-01
	-138.00	-5.67E-07	-6.05E-09	-1.02E-06	-1.73E-05	-1.57E-07	1.71E-05	8.35E-06	-8.92E-06			
12	168.00	-1.48E-01	-1.26E-01	-1.32E-01	-5.09E-01	1.84E-02	4.56E-01	3.72E-01	-6.46E-01	-45.64	-1.48E-01	-5.09E-01
	-68.00	-1.25E-06	-3.73E-07	-6.09E-07	-3.91E-05	1.42E-06	3.51E-05	1.88E-05	-2.04E-05			
13	216.00	1.23E-01	3.50E-03	-1.03E-02	-2.35E-01	-8.70E-02	2.98E-01	3.05E-01	-1.79E-01	-37.85	3.50E-03	2.35E-01
	-88.00	3.46E-06	-1.14E-06	-1.67E-06	-1.80E-05	-6.69E-06	2.29E-05	1.05E-05	-8.15E-06			
14	264.00	-3.87E-02	3.83E-02	-5.01E-02	-4.60E-01	-1.31E-02	5.11E-01	4.62E-01	-4.62E-01	-47.39	-4.46E-01	1.21E-01
	-68.00	-9.35E-07	2.03E-06	-1.37E-06	-3.54E-05	-1.01E-06	3.93E-05	1.83E-05	-1.72E-05			
15	180.00	-6.79E-02	-1.23E-02	-5.91E-02	-1.81E-01	1.36E-02	1.80E-01	1.43E-01	-2.23E-01	-49.36	-6.79E-02	-1.81E-01
	-19.00	-1.08E-06	1.06E-06	-7.42E-07	-1.39E-05	1.05E-06	1.39E-05	7.03E-06	-7.05E-06			
16	252.00	-5.68E-02	1.29E-02	-5.32E-02	-1.43E-01	-3.63E-03	1.88E-01	1.25E-01	-1.69E-01	-51.85	-5.68E-02	-1.43E-01
	-19.00	-1.12E-06	1.57E-06	-9.81E-07	-1.10E-05	-2.79E-07	1.45E-05	6.89E-06	-5.44E-06			
17	361.00	-8.63E-02	-1.35E-01	-1.06E-01	-6.59E-01	-1.23E-02	6.08E-01	5.48E-01	-7.70E-01	-43.93	-8.63E-02	-6.59E-01
	-303.00	3.33E-07	-1.90E-06	-5.58E-07	-5.99E-05	-1.12E-06	5.52E-05	2.92E-05	-3.07E-05			
18	361.00	-9.92E-02	-1.14E-01	-1.28E-01	-5.58E-01	-2.79E-02	5.18E-01	4.57E-01	-6.60E-01	-44.37	-8.92E-02	-5.58E-01
	-213.00	2.40E-07	-8.71E-07	-1.52E-06	-5.08E-05	-2.54E-06	4.71E-05	2.51E-05	-2.57E-05			
19	361.00	-8.96E-02	-7.89E-02	-1.55E-01	-4.14E-01	-4.70E-02	4.24E-01	3.30E-01	-4.98E-01	-45.37	-8.96E-02	-4.14E-01
	-138.00	-3.38E-07	-9.51E-08	-1.83E-06	-1.88E-05	-2.13E-06	1.93E-05	9.19E-06	-9.63E-06			
20	312.00	-2.81E-01	-2.32E-01	-2.47E-01	-5.88E-01	2.90E-02	4.89E-01	3.32E-01	-8.45E-01	-46.19	-2.81E-01	-5.88E-01
	-68.00	-2.45E-06	-5.71E-07	-1.16E-06	-4.52E-05	2.23E-06	3.76E-05	2.11E-05	-2.41E-05			
21	360.67	2.36E-01	9.55E-02	4.22E-02	-3.14E-01	-1.62E-01	4.18E-01	4.87E-01	-1.55E-01	-38.67	9.55E-02	3.14E-01
	-88.00	4.96E-06	-4.39E-07	-2.49E-06	-2.41E-05	-1.25E-05	3.22E-05	1.46E-05	-1.01E-05			
22	400.33	-2.14E-01	-2.50E-01	-2.65E-01	-5.77E-01	-3.10E-02	6.82E-01	3.46E-01	-8.10E-01	-44.12	-8.01E-01	1.02E-01
	-68.00	-2.27E-07	-1.59E-06	-2.19E-06	-4.44E-05	-2.38E-06	5.25E-05	2.13E-05	-2.31E-05			
23	324.00	-1.41E-01	-4.70E-02	-1.19E-01	-2.07E-01	2.27E-02	2.00E-01	1.18E-01	-3.06E-01	-51.39	-1.41E-01	-2.07E-01
	-19.00	-2.05E-06	1.56E-06	-1.19E-06	-1.59E-05	1.75E-06	1.54E-05	7.92E-06	-8.41E-06			
24	372.00	-2.91E-02	1.60E-01	2.61E-03	-5.02E-01	2.51E-02	5.72E-01	5.76E-01	-4.45E-01	-50.35	-2.91E-02	-5.02E-01
	-9.33	-2.59E-06	4.70E-06	-1.37E-06	-3.86E-05	2.24E-06	4.40E-05	2.07E-05	-1.86E-05			
25	401.25	-9.96E-02	-4.04E-02	-1.07E-01	-1.76E-01	-1.31E-02	2.48E-01	1.09E-01	-2.48E-01	-49.69	7.54E-02	-1.04E-01
	-19.00	-1.09E-06	1.15E-06	-1.41E-06	-1.36E-05	-1.01E-06	1.91E-05	6.90E-06	-6.84E-06			
26	427.67	-2.71E-01	-1.17E-01	-2.45E-01	-6.28E-01	5.33E-02	8.50E-01	4.16E-01	-8.45E-01	-47.59	-6.32E-01	-4.73E-01
	-9.33	-3.03E-06	1.35E-06	-2.02E-06	-4.83E-05	4.10E-06	6.54E-05	2.34E-05	-2.51E-05			
27	457.00	-1.16E-01	-2.03E-01	-1.50E-01	-6.56E-01	-1.98E-02	8.64E-01	4.98E-01	-8.17E-01	-43.12	-1.16E-01	-6.56E-01

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	-303.00	8.09E-07	-3.11E-06	-7.43E-07	-5.57E-05	-1.86E-06	5.13E-05	2.87E-05	-3.10E-05				
28	457.00	-8.65E-02	-1.32E-01	-1.55E-01	-5.81E-01	-7.16E-02	4.87E-01	4.72E-01	-6.91E-01	-43.87	-8.65E-02	-5.81E-01	
	-213.00	9.27E-07	-1.16E-06	-2.20E-06	-5.28E-05	-6.51E-06	4.43E-05	2.63E-05	-2.66E-05				
29	457.00	-1.26E-01	-1.12E-01	-2.26E-01	-4.46E-01	-1.76E-01	4.56E-01	3.27E-01	-5.66E-01	-45.44	-1.26E-01	-4.46E-01	
	-138.00	-4.34E-07	-1.20E-07	-2.59E-06	-2.03E-05	-8.01E-06	2.26E-05	9.87E-06	-1.04E-05				
30	442.00	-1.92E-01	-3.98E-01	-3.06E-01	-6.69E-01	-1.15E-01	5.51E-01	3.86E-01	-9.66E-01	-40.83	-1.92E-01	-6.69E-01	
	-68.00	2.35E-06	-5.18E-06	-2.03E-06	-5.14E-05	-8.84E-06	4.24E-05	2.46E-05	-2.74E-05				
31	457.33	8.09E-01	3.31E-01	3.47E-01	-2.65E-01	-5.02E-01	3.71E-01	9.26E-01	2.13E-01	-24.00	3.31E-01	2.65E-01	
	-88.00	1.48E-05	-3.61E-06	-2.99E-06	-2.04E-05	-3.86E-05	2.86E-05	1.93E-05	-8.15E-06				
32	472.67	-1.33E+00	-1.14E+00	-1.09E+00	-5.76E-01	1.75E-01	8.13E-01	-6.52E-01	-1.82E+00	-49.74	-1.68E+00	-3.78E-01	
	-68.00	-1.21E-05	-4.65E-06	-2.89E-06	-4.43E-05	1.35E-05	6.25E-05	1.41E-05	-3.06E-05				
33	443.00	-2.03E-01	-1.79E-01	-2.12E-01	-3.27E-01	-3.01E-02	3.28E-01	1.36E-01	-5.18E-01	-46.04	-2.03E-01	-3.27E-01	
	-19.50	-1.27E-06	-3.56E-07	-1.64E-06	-2.51E-05	-2.32E-06	2.52E-05	1.18E-05	-1.34E-05				
34	454.00	-9.72E-01	-6.52E-01	-7.35E-01	-7.96E-01	2.26E-01	1.13E+00	3.63E-04	-1.62E+00	-50.68	-1.26E+00	-6.61E-01	
	-11.33	-1.15E-05	8.54E-07	-2.36E-06	-6.13E-05	1.74E-05	8.72E-05	2.59E-05	-3.65E-05				
35	461.67	-2.77E-01	-2.70E-01	-3.03E-01	-7.49E-01	3.85E-02	1.14E+00	4.75E-01	-1.02E+00	-45.12	-2.77E-01	-7.49E-01	
	-12.00	-1.30E-06	-1.05E-06	-2.32E-06	-5.76E-05	2.96E-06	8.75E-05	2.76E-05	-3.00E-05				
36	469.00	4.71E-01	1.39E-01	1.58E-01	-1.11E-01	-4.76E-01	4.92E-01	5.05E-01	1.05E-01	-16.87	1.39E-01	1.11E-01	
	-30.00	9.68E-06	-3.10E-06	-2.35E-06	-8.53E-06	-3.66E-05	3.78E-05	1.10E-05	-4.40E-06				
37	476.33	-4.83E-01	-5.72E-01	-5.06E-01	-5.01E-01	4.38E-02	9.75E-01	-2.46E-02	-1.03E+00	-42.46	-6.83E-01	-4.79E-01	
	-12.00	-1.42E-06	-4.85E-06	-2.31E-06	-3.85E-05	3.37E-06	7.50E-05	1.62E-05	-2.25E-05				
38	558.50	-2.98E-02	-1.25E-01	-9.59E-02	-5.95E-01	-4.18E-02	4.55E-01	5.19E-01	-6.74E-01	-42.70	-2.98E-02	-5.95E-01	
	-303.00	1.91E-06	-2.44E-06	-1.10E-06	-5.41E-05	-3.80E-06	4.13E-05	2.69E-05	-2.74E-05				
39	558.50	-8.08E-02	-1.98E-01	-2.15E-01	-5.77E-01	-9.04E-02	4.31E-01	4.41E-01	-7.20E-01	-42.10	-8.08E-02	-5.77E-01	
	-213.00	2.74E-06	-2.59E-06	-3.36E-06	-5.25E-05	-8.22E-06	3.92E-05	2.64E-05	-2.63E-05				
40	506.17	4.27E-02	-3.03E-01	-2.60E-01	-1.21E+00	-4.43E-01	8.63E-01	1.09E+00	-1.35E+00	-40.93	4.27E-02	-1.21E+00	
	-128.00	3.70E-06	-4.15E-06	-3.18E-06	-5.48E-05	-2.02E-05	3.02E-05	2.75E-05	-2.79E-05				
41	558.50	4.50E-01	-2.04E-01	-2.79E-01	-6.00E-01	-6.83E-01	9.24E-01	8.06E-01	-5.60E-01	-30.69	-2.04E-01	6.00E-01	
	-148.00	1.04E-05	-4.47E-06	-6.17E-06	-2.73E-05	-3.11E-05	4.20E-05	1.85E-05	-1.26E-05				
42	610.83	-1.90E-01	-3.77E-01	-4.93E-01	-1.10E+00	-3.24E-01	6.56E-01	8.19E-01	-1.39E+00	-42.56	-1.37E+00	1.98E-01	
	-128.00	1.24E-06	-3.02E-06	-5.64E-06	-4.99E-05	-1.47E-05	2.98E-05	2.42E-05	-2.59E-05				
43	501.38	2.97E-02	-1.01E-01	-1.49E-01	-2.70E-01	-2.69E-01	2.90E-01	2.43E-01	-3.14E-01	-38.23	2.97E-02	-2.70E-01	
	-78.00	3.56E-06	-1.46E-06	-3.31E-06	-2.08E-05	-2.07E-05	2.23E-05	1.17E-05	-9.65E-06				
44	534.67	-2.64E-01	-1.82E-01	-3.76E-01	-9.12E-01	-1.79E-01	1.35E+00	6.89E-01	-1.14E+00	-46.29	-1.11E+00	1.99E-01	
	-68.00	-1.12E-06	2.04E-06	-5.44E-06	-7.01E-05	-1.38E-05	1.04E-04	3.56E-05	-3.46E-05				
45	584.67	1.04E-01	7.10E-02	-1.11E-01	-8.29E-01	-4.22E-01	4.11E-01	9.16E-01	-7.41E-01	-44.43	1.04E-01	-8.29E-01	
	-68.00	3.29E-06	2.03E-06	-4.97E-06	-6.37E-05	-3.24E-05	3.16E-05	3.45E-05	-2.92E-05				
46	610.83	7.98E-01	2.03E-01	1.38E-01	-4.88E-01	-4.77E-01	4.65E-01	1.07E+00	-7.04E-02	-29.31	2.03E-01	4.88E-01	
	-88.00	1.82E-05	-4.70E-06	-7.22E-06	-3.75E-05	-3.67E-05	3.57E-05	2.87E-05	-1.52E-05				
47	482.63	-3.72E-02	-9.14E-02	-1.16E-01	-1.75E-01	-1.65E-01	3.52E-01	1.13E-01	-2.42E-01	-40.61	-3.72E-02	-1.75E-01	
	-21.00	1.25E-06	-8.28E-07	-1.77E-06	-1.35E-05	-1.27E-05	2.71E-05	7.03E-06	-6.61E-06				
48	485.83	-1.59E-01	-1.51E-01	-2.19E-01	-4.75E-01	-2.25E-02	1.10E+00	3.21E-01	-6.30E-01	-45.20	-2.19E-01	-4.71E-01	
	-12.00	-2.76E-07	-2.67E-08	-2.59E-06	-3.66E-05	-1.73E-06	8.49E-05	1.81E-05	-1.84E-05				
49	507.88	-1.29E-01	-7.97E-02	-1.75E-01	-1.94E-01	-1.55E-01	4.32E-01	9.10E-02	-3.00E-01	-48.65	-1.29E-01	-1.94E-01	
	-21.00	-7.53E-07	1.16E-06	-2.52E-06	-1.49E-05	-1.19E-05	3.32E-05	7.72E-06	-7.32E-06				
50	538.67	-3.14E-01	-1.63E-02	-3.15E-01	-7.52E-01	-4.45E-01	1.04E+00	6.02E-01	-9.32E-01	-50.59	-8.99E-01	2.21E-01	
	-10.00	-4.97E-06	6.46E-06	-5.03E-06	-5.79E-05	-3.42E-05	8.03E-05	3.02E-05	-2.86E-05				
51	484.67	2.56E+00	1.73E+00	1.68E+00	1.66E-03	-2.86E-01	9.12E-02	2.56E+00	1.73E+00	.11	1.73E+00	-1.66E-03	
	8.00	3.29E-05	1.05E-06	-1.12E-06	1.28E-07	-2.20E-05	7.01E-06	3.29E-05	1.05E-06				
52	507.00	-8.79E-01	-9.51E-01	-8.19E-01	-5.23E-01	-2.19E-01	-7.80E-01	-3.90E-01	-1.44E+00	-43.03	-1.35E+00	-2.89E-01	
	9.00	-4.70E-06	-7.47E-06	-2.39E-06	-4.02E-05	-1.69E-05	-6.00E-05	1.41E-05	-2.62E-05				
53	603.00	-1.35E-01	-8.25E-02	-3.54E-01	-3.17E-01	-3.23E-01	2.62E-01	2.09E-01	-4.27E-01	-47.36	6.84E-02	-2.64E-01	
	-18.00	1.09E-06	3.11E-06	-7.34E-06	-2.44E-05	-2.48E-05	2.01E-05	1.43E-05	-1.01E-05				
54	712.00	-3.44E-02	-1.70E-01	-1.35E-01	-5.28E-01	-6.90E-02	2.14E-01	4.30E-01	-6.34E-01	-41.35	-3.44E-02	-5.28E-01	
	-303.00	2.84E-06	-3.31E-06	-1.74E-06	-4.80E-05	-6.27E-06	1.95E-05	2.40E-05	-2.44E-05				
55	712.00	2.66E-01	7.03E-02	-3.79E-02	-5.63E-01	-2.36E-01	1.93E-01	7.39E-01	-4.02E-01	-40.08	2.66E-01	-5.63E-01	
	-213.00	8.21E-06	-4.75E-07	-5.60E-06	-5.12E-05	-2.15E-05	1.75E-05	2.97E-05	-2.22E-05				
56	712.00	4.52E-01	7.93E-02	-3.29E-01	-4.12E-01	-6.45E-01	4.10E-02	7.18E-01	-1.87E-01	-32.83	4.52E-01	-4.12E-01	
	-138.00	9.21E-06	7.39E-07	-8.53E-06	-1.87E-05	-2.93E-05	1.87E-06	1.53E-05	-5.31E-06				
57	712.00	1.70E-02	-1.54E-01	-4.03E-01	-2.70E-01	-2.91E-01	2.44E-01	2.15E-01	-3.52E-01	-36.22	1.70E-02	-2.70E-01	
	-78.00	6.55E-06	1.02E-08	-9.55E-06	-2.08E-05	-2.24E-05	1.87E-05	1.42E-05	-7.59E-06				
58	712.0[illegible]	6.60E-02	2.68E-02	-3.51E-01	-3.42E-01	-2.94E-01	[illegible]1E-01	3.89E-01	-2.97E-01	-43.36	6.60E-02	-3.42[illegible]	
	-18.[illegible]	5.37E-06	3.87E-06	-1.07E-05	-2.63E-05	-2.26E-05	[illegible]7E-06	1.78E-05	-8.57E-06				
59	83[illegible]	1.42E+00	7.49E-01	8.69E-01	-4.26E-01	-3.91E-02	[illegible]1E-02	1.62E+00	5.43E-01	-25.83	7.49E-01	4.[illegible]	

	-318.[illegible]	2.52E-05	-5.44E-06	.00E+00	-3.87E-05	-3.55E-06	[illegible]2E-06	3.46E-05	-1.48E-05				
60	887.[illegible]	1.94E-01	-7.03E-02	4.94E-02	-1.11E+00	-1.09E-01	[illegible]7E-01	1.16E+00	-1.05E+00	-41.60	-9.79E-01	4.09[illegible]	
	-288.00	6.56E-06	-5.44E-06	.00E+00	-1.01E-04	-9.86E-06	-1.52E-05	5.13E-05	-5.02E-05				
61	987.00	-2.76E-01	-2.66E-01	-2.17E-01	-1.09E+00	-1.18E-01	-5.44E-01	8.17E-01	-1.36E+00	-45.12	-2.76E-01	-1.09E+00	
	-288.00	-2.68E-06	-2.25E-06	.00E+00	-9.89E-05	-1.07E-05	-4.95E-05	4.70E-05	-5.19E-05				
62	1037.00	1.21E+00	6.41E-01	7.40E-01	-7.66E-01	1.87E-01	-6.24E-01	1.74E+00	1.08E-01	-34.84	6.41E-01	7.66E-01	
	-318.00	2.13E-05	-4.49E-06	.00E+00	-6.97E-05	1.70E-05	-5.69E-05	4.55E-05	-2.87E-05				
63	862.00	-3.94E-02	-7.45E-02	-2.73E-01	-5.44E-01	-9.53E-02	-1.28E-01	4.87E-01	-6.01E-01	-44.08	-3.94E-02	-5.44E-01	
	-213.00	3.23E-06	1.63E-06	-7.38E-06	-4.95E-05	-8.66E-06	-1.14E-05	2.72E-05	-2.23E-05				
64	1012.00	-1.71E-01	-1.47E-01	-3.80E-01	-5.63E-01	-6.94E-02	-3.11E-01	4.04E-01	-7.22E-01	-45.61	-1.71E-01	-5.63E-01	
	-213.00	1.29E-06	2.38E-06	-8.21E-06	-5.12E-05	-6.31E-06	-2.82E-05	2.74E-05	-2.36E-05				
65	837.00	3.48E-01	-2.17E-03	-6.41E-01	-4.27E-01	-1.20E+00	4.26E-02	6.35E-01	-2.88E-01	-33.84	-2.17E-03	4.27E-01	
	-148.00	9.46E-06	1.49E-06	-1.30E-05	-1.94E-05	-5.44E-05	1.94E-06	1.60E-05	-5.01E-06				
66	937.00	1.31E-01	7.42E-03	-6.23E-01	-6.48E-01	-2.54E-01	-3.31E-01	7.20E-01	-5.81E-01	-42.27	-4.22E-01	4.26E-01	
	-128.00	5.52E-06	2.71E-06	-1.16E-05	-2.94E-05	-1.34E-05	-1.50E-05	1.89E-05	-1.07E-05				
67	1037.00	7.98E-01	2.94E-01	-3.82E-01	-6.99E-01	-3.44E-01	5.23E-02	1.29E+00	-1.97E-01	-35.08	2.94E-01	6.99E-01	
	-148.00	1.44E-05	2.95E-06	-1.24E-05	-3.18E-05	-1.56E-05	2.38E-06	2.56E-05	-8.21E-06				
68	837.00	4.68E-01	4.06E-01	-3.73E-02	-7.14E-01	-5.91E-01	-5.55E-01	1.15E+00	-2.77E-01	-43.77	4.68E-01	-7.14E-01	
	-68.00	8.79E-06	6.43E-06	-1.06E-05	-5.49E-05	-4.54E-05	-4.27E-05	3.51E-05	-1.95E-05				
69	937.00	2.64E-01	-3.26E-01	-5.97E-01	-5.68E-01	-4.90E-01	3.31E-01	6.09E-01	-6.71E-01	-31.27	-3.26E-01	5.68E-01	
	-88.00	1.74E-05	-5.30E-06	-1.57E-05	-4.37E-05	-3.77E-05	2.55E-05	3.07E-05	-1.86E-05				
70	1037.00	-2.86E-01	-3.16E-01	-7.58E-01	-9.47E-01	2.52E-01	1.00E+00	6.47E-01	-1.25E+00	-44.54	-9.65E-01	6.76E-01	
	-68.00	3.95E-06	2.79E-06	-1.42E-05	-7.29E-05	1.94E-05	7.72E-05	3.98E-05	-3.31E-05				
71	862.00	1.94E-01	8.61E-02	-4.22E-01	-3.54E-01	-4.40E-01	1.24E-01	4.98E-01	-2.18E-01	-40.67	1.94E-01	-3.54E-01	
	-18.00	9.01E-06	4.87E-06	-1.47E-05	-2.72E-05	-3.39E-05	9.56E-06	2.07E-05	-6.81E-06				
72	1012.00	-2.81E-01	-2.51E-01	-7.86E-01	-3.49E-01	9.87E-02	-6.74E-02	8.29E-02	-6.15E-01	-46.24	-2.81E-01	-3.49E-01	
	-18.00	3.68E-06	4.83E-06	-1.58E-05	-2.68E-05	7.59E-06	-5.19E-06	1.77E-05	-9.16E-06				
73	1387.00	-1.23E-01	-1.67E-01	-2.09E-01	-3.23E-01	-2.46E-02	-6.96E-01	1.79E-01	-4.68E-01	-43.03	-1.23E-01	-3.23E-01	
	-303.00	9.00E-07	-1.12E-06	-3.01E-06	-2.93E-05	-2.23E-06	-6.33E-05	1.46E-05	-1.46E-05				
74	1387.00	-8.05E-02	-1.06E-01	-3.50E-01	-3.77E-01	-5.18E-02	-6.12E-01	2.84E-01	-4.70E-01	-44.02	-8.05E-02	-3.77E-01	
	-213.00	3.31E-06	2.14E-06	-8.94E-06	-3.42E-05	-4.71E-06	-5.57E-05	1.99E-05	-1.44E-05				
75	1387.00	-2.40E-02	-1.65E-01	-7.79E-01	-2.89E-01	-9.39E-02	-4.94E-01	2.03E-01	-3.92E-01	-38.15	-2.40E-02	-2.89E-01	
	-138.00	4.53E-06	1.32E-06	-1.26E-05	-1.31E-05	-4.27E-06	-2.25E-05	9.69E-06	-3.84E-06				
76	1187.00	3.43E-01	2.28E-01	-2.23E-01	-2.55E-01	-3.57E-01	-1.42E+00	5.48E-01	2.37E-02	-38.64	3.43E-01	-2.55E-01	
	-68.00	9.38E-06	4.94E-06	-1.24E-05	-1.97E-05	-2.75E-05	-1.09E-04	1.72E-05	-2.91E-06				
77	1387.00	2.93E-01	1.98E-01	-3.91E-01	-3.57E-01	-2.32E-01	4.76E-03	6.06E-01	-1.15E-01	-41.18	1.98E-01	3.57E-01	
	-88.00	1.02E-05	6.50E-06	-1.61E-05	-2.75E-05	-1.78E-05	3.67E-07	2.22E-05	-5.52E-06				
78	1587.00	-2.47E-01	-2.22E-01	-7.01E-01	-2.51E-01	1.22E-01	-6.04E-01	1.64E-02	-4.86E-01	-46.47	-3.19E-01	2.36E-01	
	-68.00	3.34E-06	4.33E-06	-1.41E-05	-1.93E-05	9.38E-06	-4.65E-05	1.35E-05	-5.82E-06				
79	1237.00	2.55E-01	8.09E-02	-4.52E-01	-2.88E-01	-2.52E-01	-2.12E-01	4.69E-01	-1.33E-01	-36.61	2.55E-01	-2.88E-01	
	-18.00	1.11E-05	4.39E-06	-1.61E-05	-2.22E-05	-1.94E-05	-1.63E-05	1.93E-05	-3.84E-06				
80	1433.80	1.45E-01	2.06E-01	-4.53E-01	-3.27E-01	1.02E-02	-2.32E-01	5.04E-01	-1.53E-01	-47.68	1.45E-01	-3.27E-01	
	-8.00	6.70E-06	9.06E-06	-1.63E-05	-2.51E-05	7.85E-07	-1.78E-05	2.05E-05	-4.75E-06				
81	1533.80	2.07E-01	1.00E-01	-4.42E-01	-2.83E-01	9.59E-02	-1.44E-01	4.42E-01	-1.35E-01	-39.65	1.00E-01	2.83E-01	
	-28.00	9.45E-06	5.33E-06	-1.55E-05	-2.18E-05	7.38E-06	-1.10E-05	1.85E-05	-3.70E-06				
82	1633.80	5.45E-02	-5.07E-02	-5.29E-01	-1.54E-02	2.05E-01	-1.68E-01	5.67E-02	-5.25E-02	-8.15	-4.78E-02	-2.31E-02	
	-8.00	7.87E-06	3.82E-06	-1.46E-05	-1.18E-06	1.58E-05	-1.29E-05	7.95E-06	3.74E-06				
83	1433.80	1.15E+00	5.25E-01	3.32E-02	-3.01E-01	-3.55E-01	-7.47E-02	1.27E+00	4.03E-01	-22.01	5.25E-01	3.01E-01	
	27.60	2.54E-05	1.44E-06	-1.75E-05	-2.31E-05	-2.73E-05	-5.75E-06	3.01E-05	-3.24E-06				
84	1296.10	3.66E-01	4.80E-02	-4.68E-01	-3.29E-01	-2.28E-01	1.48E-01	5.73E-01	-1.59E-01	-32.10	2.47E-01	3.64E-01	
	40.70	1.47E-05	2.44E-06	-1.74E-05	-2.53E-05	-1.75E-05	1.14E-05	2.28E-05	-5.51E-06				
85	1148.60	1.20E-01	-4.51E-02	-5.51E-01	-2.43E-01	-1.86E-01	-6.52E-01	2.94E-01	-2.19E-01	-35.65	-1.75E-01	-1.45E-01	
	57.33	9.83E-06	3.50E-06	-1.59E-05	-1.87E-05	-1.43E-05	-5.01E-05	1.65E-05	-3.21E-06				
86	1131.40	1.47E+00	6.15E-01	8.11E-02	-1.45E-01	-8.47E-01	-1.98E-01	1.49E+00	5.91E-01	-9.39	6.15E-01	1.45E-01	
	112.00	3.28E-05	-1.59E-07	-2.07E-05	-1.12E-05	-6.51E-05	-1.53E-05	3.37E-05	-1.08E-06				
87	1019.80	4.87E-01	9.39E-02	-4.21E-01	-4.73E-01	-5.25E-01	9.11E-01	8.02E-01	-2.22E-01	-33.72	9.39E-02	4.73E-01	
	34.67	1.70E-05	1.86E-06	-1.80E-05	-3.64E-05	-4.04E-05	7.01E-05	2.91E-05	-1.03E-05				
88	886.60	6.79E-02	-8.95E-03	-5.54E-01	-2.85E-01	-2.34E-01	2.18E-01	3.17E-01	-2.58E-01	-41.16	6.79E-02	-2.85E-01	
	46.00	8.05E-06	5.09E-06	-1.59E-05	-2.19E-05	-1.80E-05	1.68E-05	1.76E-05	-4.48E-06				
89	869.80	8.46E-01	2.67E-01	-2.89E-01	-9.13E-02	-7.67E-01	-3.93E-01	8.60E-01	2.53E-01	-8.76	2.67E-01	9.13E-02	
	96.00	2.35E-05	1.23E-06	-2.02E-05	-7.02E-06	-5.90E-05	-3.02E-05	2.40E-05	6.85E-07				
90	952.60	-4.38E-02	-4.85E-01	-8.82E-01	-5.44E-01	-2.02E-01	3.70E-01	3.22E-01	-8.51E-01	-33.95	-6.72E-01	4.22E-01	
	128.00	1.39E-05	-3.16E-06	-1.84E-05	-4.18E-05	-1.55E-05	2.84E-05	2.79E-05	-1.72E-05				
91	869.80	2.42E-01	1.91E-01	-4.21E-01	-1.30E-01	-3.13E-01	-2.82E-01	3.49E-01	8.38E-02	-39.44	2.42E-01	-1.30E-01	

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	160.00	9.18E-06	7.21E-06	-1.63E-05	-1.00E-05	-2.41E-05	-2.17E-05	1.33E-05	3.09E-06				
92	865.80	1.16E+00	2.77E-01	-2.59E-01	-1.13E-01	-1.32E+00	1.20E-01	1.17E+00	2.63E-01	-7.22	2.77E-01	1.13E-01	
	203.60	3.16E-05	-2.24E-06	-2.29E-05	-8.70E-06	-1.02E-04	9.20E-06	3.21E-05	-2.80E-06				
93	598.67	2.76E-02	-4.63E-02	-3.49E-01	-4.98E-01	-1.06E+00	7.72E-01	4.90E-01	-5.09E-01	-42.68	-4.63E-02	4.98E-01	
	16.00	5.09E-06	2.25E-06	-9.35E-06	-3.93E-05	-9.12E-05	5.94E-05	2.29E-05	-1.56E-05				
94	645.75	3.41E-02	2.49E-02	-3.10E-01	-3.25E-01	-3.76E-01	2.18E-01	3.54E-01	-2.95E-01	-44.60	3.41E-02	-3.25E-01	
	24.00	4.17E-06	3.82E-06	-9.41E-06	-2.50E-05	-2.69E-05	1.67E-05	1.65E-05	-8.49E-06				
95	613.10	3.52E-01	5.65E-01	1.28E-01	-5.36E-01	-5.69E-01	-5.11E-01	1.00E+00	-8.75E-02	-50.63	3.52E-01	-5.36E-01	
	69.33	2.05E-06	1.03E-05	-6.55E-06	-4.12E-05	-4.38E-05	-7.01E-05	2.72E-05	-1.49E-05				
96	708.45	1.18E-01	2.33E-02	-4.01E-01	-2.81E-01	-4.04E-01	3.17E-02	3.55E-01	-2.14E-01	-40.22	1.94E-01	2.56E-01	
	55.00	7.39E-06	3.76E-06	-1.26E-05	-2.16E-05	-3.11E-05	2.44E-06	1.65E-05	-5.37E-06				
97	613.10	5.76E-01	8.84E-02	-2.39E-01	-1.43E-01	-1.84E+00	1.21E-01	6.15E-01	4.95E-02	-15.19	8.84E-02	1.43E-01	
	86.00	1.75E-05	-1.28E-06	-1.39E-05	-1.10E-05	-1.42E-04	9.29E-06	1.90E-05	-2.76E-06				
98	682.27	2.49E-01	1.14E-01	-3.09E-01	-2.80E-01	-5.73E-01	-2.37E-01	4.69E-01	-1.07E-01	-38.24	-7.91E-02	1.24E-01	
	112.00	8.97E-06	3.78E-06	-1.25E-05	-2.16E-05	-4.41E-05	-1.82E-05	1.75E-05	-4.71E-06				
99	751.43	5.72E-01	-2.86E-01	-4.81E-01	-4.34E-01	-7.90E-01	5.36E-01	7.53E-01	-4.68E-01	-22.66	-2.86E-01	4.34E-01	
	96.00	2.42E-05	-8.88E-06	-1.63E-05	-3.34E-05	-6.08E-05	4.12E-05	3.11E-05	-1.58E-05				
100	683.25	2.74E-02	-1.38E-01	-5.23E-01	-1.34E-01	-4.56E-01	3.45E-01	1.03E-01	-2.13E-01	-29.22	2.74E-02	-1.34E-01	
	152.00	8.01E-06	1.67E-06	-1.32E-05	-1.03E-05	-3.51E-05	2.65E-05	1.09E-05	-1.22E-06				
101	648.67	8.57E-01	1.99E-01	-2.58E-01	2.25E-02	-1.31E+00	-2.42E-02	8.58E-01	1.98E-01	1.96	1.99E-01	-2.25E-02	
	192.00	2.42E-05	-1.11E-06	-1.87E-05	1.73E-06	-1.01E-04	-1.86E-06	2.42E-05	-1.14E-06				
102	728.25	2.66E-02	-2.01E-01	-5.80E-01	-1.86E-01	-3.79E-01	3.47E-01	1.31E-01	-3.05E-01	-29.30	-8.53E-02	2.18E-01	
	232.70	9.31E-06	5.61E-07	-1.40E-05	-1.43E-05	-2.91E-05	2.67E-05	1.33E-05	-3.46E-06				
103	635.50	3.05E-01	6.09E-01	2.36E-02	1.08E-01	-3.14E-01	-6.02E-01	6.44E-01	2.71E-01	72.28	3.05E-01	1.08E-01	
	256.00	1.43E-06	1.31E-05	-9.40E-06	8.33E-06	-2.41E-05	-4.63E-05	1.45E-05	1.06E-07				
104	635.50	6.61E-02	1.09E-01	-5.19E-01	1.17E-01	-1.11E+00	1.79E-02	2.07E-01	-3.16E-02	50.20	1.09E-01	-1.17E-01	
	290.67	6.32E-06	7.97E-06	-1.62E-05	9.02E-06	-8.51E-05	1.38E-06	1.17E-05	2.56E-06				
105	569.00	-3.52E-01	-1.49E-01	-4.27E-01	-5.44E-01	-3.62E-01	5.94E-01	3.03E-01	-8.06E-01	-50.29	-3.52E-01	-5.44E-01	
	16.50	-3.35E-06	4.47E-06	-6.22E-06	-4.19E-05	-2.79E-05	4.57E-05	2.19E-05	-2.07E-05				
106	508.50	-1.78E+00	-1.26E+00	-1.44E+00	-4.86E-01	-9.46E-01	9.91E-02	-9.72E-01	-2.07E+00	-59.00	-1.26E+00	4.86E-01	
	13.00	-1.92E-05	6.56E-07	-6.08E-06	-3.74E-05	-7.28E-05	7.62E-06	1.19E-05	-3.05E-05				
107	521.00	-5.01E-01	-1.95E-01	-4.15E-01	-5.99E-01	-2.79E-01	2.37E-01	2.70E-01	-9.66E-01	-52.16	-5.01E-01	-5.99E-01	
	15.75	-7.06E-06	4.71E-06	-3.76E-06	-4.61E-05	-2.15E-05	1.83E-05	2.26E-05	-2.50E-05				
108	526.25	-4.60E-01	-1.96E-01	-4.19E-01	-6.44E-01	-2.52E-01	2.61E-01	3.29E-01	-9.85E-01	-50.80	-4.60E-01	-6.44E-01	
	21.00	-5.88E-06	4.29E-06	-4.31E-06	-4.95E-05	-1.94E-05	2.00E-05	2.45E-05	-2.61E-05				
109	515.50	-1.18E+00	-8.69E-01	-1.09E+00	-8.46E-01	-7.98E-01	9.71E-02	-1.64E-01	-1.88E+00	-50.18	-8.69E-01	8.46E-01	
	26.00	-1.08E-05	1.06E-06	-7.48E-06	-6.51E-05	-6.14E-05	7.47E-06	2.82E-05	-3.80E-05				
110	531.50	-2.90E-01	-1.71E-01	-3.78E-01	-5.39E-01	-1.98E-01	2.70E-01	3.12E-01	-7.73E-01	-48.17	-2.90E-01	-5.39E-01	
	34.50	-1.95E-06	2.65E-06	-5.31E-06	-4.15E-05	-1.52E-05	2.07E-05	2.12E-05	-2.05E-05				
111	515.50	4.29E-01	7.98E-01	3.59E-01	-1.60E+00	-1.88E-01	-1.42E+00	2.22E+00	-9.92E-01	-48.30	4.29E-01	-1.60E+00	
	44.00	-9.32E-07	1.33E-05	-3.62E-06	-1.23E-04	-1.44E-05	-1.09E-04	6.79E-05	-5.56E-05				
112	515.50	-1.45E-01	-1.95E-01	-4.20E-01	-3.66E-01	-6.17E-01	9.33E-02	1.97E-01	-5.37E-01	-43.06	-1.95E-01	3.66E-01	
	53.33	2.77E-06	8.55E-07	-7.80E-06	-2.82E-05	-4.75E-05	7.18E-06	1.59E-05	-1.23E-05				
113	547.50	-1.85E-01	-5.39E-01	-5.57E-01	-5.97E-01	-2.78E-01	1.52E+00	2.61E-01	-9.84E-01	-36.75	-7.23E-01	5.07E-01	
	64.00	6.95E-06	-6.65E-06	-7.34E-06	-4.59E-05	-2.14E-05	1.17E-04	2.41E-05	-2.38E-05				
114	515.50	3.54E-01	4.88E-01	1.51E-01	-6.61E-01	-7.77E-02	-4.55E-01	1.09E+00	-2.44E-01	-47.91	3.54E-01	-6.61E-01	
	74.67	2.69E-06	7.87E-06	-5.09E-06	-5.09E-05	-5.98E-06	-3.50E-05	3.08E-05	-2.03E-05				
115	515.50	7.37E-01	3.82E-01	1.91E-01	-2.53E-01	-3.65E-01	1.07E-01	8.68E-01	2.50E-01	-27.48	3.82E-01	2.53E-01	
	88.00	1.39E-05	2.93E-07	-7.05E-06	-1.95E-05	-2.80E-05	8.22E-06	1.90E-05	-4.77E-06				
116	547.50	3.88E-01	-8.14E-02	-1.19E-01	-8.16E-01	-1.66E-01	5.88E-01	1.00E+00	-6.96E-01	-36.98	-4.38E-01	6.10E-01	
	104.00	1.29E-05	-5.20E-06	-6.64E-06	-6.28E-05	-1.28E-05	4.53E-05	3.65E-05	-2.88E-05				
117	515.50	-4.40E-02	5.28E-02	-2.23E-01	-5.83E-01	-5.20E-02	-2.13E-01	5.89E-01	-5.80E-01	-47.37	-4.40E-02	-5.83E-01	
	120.00	6.67E-07	4.39E-06	-6.23E-06	-4.48E-05	-4.00E-06	-1.64E-05	2.50E-05	-2.00E-05				
118	515.50	1.22E-01	-2.14E-02	-2.65E-01	-2.19E-01	-3.08E-01	8.26E-02	2.81E-01	-1.80E-01	-35.94	-2.14E-02	2.19E-01	
	136.00	6.50E-06	5.88E-07	-8.40E-06	-1.69E-05	-2.37E-05	6.35E-06	1.26E-05	-5.12E-06				
119	547.50	4.22E-01	3.34E-01	1.46E-02	-4.22E-01	-1.24E-01	7.22E-02	8.02E-01	-4.62E-02	-42.04	1.41E-01	3.52E-01	
	152.00	7.75E-06	4.39E-06	-7.91E-06	-3.24E-05	-9.51E-06	5.55E-06	2.24E-05	-1.02E-05				
120	515.50	2.28E-01	3.49E-01	-3.10E-02	-3.42E-01	-1.40E-01	-6.55E-01	6.36E-01	-5.88E-02	-50.00	2.28E-01	-3.42E-01	
	168.00	2.78E-06	7.42E-06	-7.20E-06	-2.63E-05	-1.07E-05	-5.04E-05	1.85E-05	-8.26E-06				
121	515.50	4.55E-01	1.76E-01	-1.22E-01	-1.42E-01	-5.77E-01	5.15E-02	5.15E-01	1.17E-01	-22.79	1.76E-01	1.42E-01	
	184.00	1.19E-05	1.19E-06	-1.03E-05	-1.09E-05	-4.44E-05	3.96E-06	1.42E-05	-1.10E-06				
122	547.50	2.78E-02	-3.25E-01	-4.72E-01	-4.86E-01	-2.40E-01	4.75E-01	3.68E-01	-6.65E-01	-35.03	-5.32E-01	3.46E-01	
	200.00	[illegible].52E-06	-4.04E-06	-9.70E-06	-3.74E-05	-1.85E-05	3[illegible]5E-05	2.26E-05	-1.71E-05				
123	515.[illegible]	[illegible]89E-02	1.12E-02	-3.10E-01	-1.99E-01	-1.66E-01	[illegible]-01	1.78E-01	-2.26E-01	-50.00	-5.89E-02	-1.9[illegible]	

	216.00	[illegible]E-06	4.36E-06	-7.99E-06	-1.53E-05	-1.27E-05	[illegible]E-05	1.08E-05	-4.76E-06				
124	515.50	-1.26E-01	-2.21E-01	-5.61E-01	-1.24E-02	-6.64E-01	[illegible]E-02	-1.24E-01	-2.22E-01	-7.32	-2.21E-01	1.24E	
	232.00	5.12E-06	1.49E-06	-1.16E-05	-9.52E-07	-5.11E-05	2.91E-06	5.19E-06	1.42E-06				
125	547.50	-5.80E-01	-7.62E-01	-9.34E-01	-7.60E-02	-2.73E-01	1.17E+00	-5.52E-01	-7.90E-01	-20.09	-7.87E-01	2.50E-02	
	248.00	2.70E-06	-4.29E-06	-1.09E-05	-5.90E-06	-2.10E-05	9.02E-05	3.78E-06	-5.37E-06				
126	515.50	-5.33E-01	-6.02E-01	-7.44E-01	1.70E-01	-3.44E-02	-3.74E-01	-3.94E-01	-7.41E-01	39.29	-5.33E-01	1.70E-01	
	264.00	1.43E-07	-2.50E-06	-7.96E-06	1.31E-05	-2.64E-06	-2.87E-05	8.49E-06	-7.85E-06				
127	515.50	-5.06E-01	-4.43E-01	-7.25E-01	6.94E-02	-2.94E-01	4.16E-02	-3.99E-01	-5.50E-01	57.27	-4.43E-01	-6.84E-02	
	276.00	-1.06E-06	1.34E-06	-9.48E-06	5.26E-06	-2.26E-05	3.20E-06	3.02E-06	-2.75E-06				
128	531.50	-5.37E-01	-2.57E-01	-6.09E-01	3.55E-02	-3.27E-02	3.10E-02	-2.52E-01	-5.41E-01	82.88	-5.37E-01	3.55E-02	
	297.00	-5.23E-06	5.53E-06	-8.01E-06	2.73E-06	-2.51E-06	2.38E-06	5.71E-06	-5.40E-06				
129	515.50	-9.90E-01	-3.05E-01	-7.53E-01	2.83E-01	-5.30E-02	-4.49E-01	-2.04E-01	-1.09E+00	70.22	-9.90E-01	2.83E-01	
	320.00	-1.56E-05	1.08E-05	-6.44E-06	2.18E-05	-4.06E-06	-3.45E-05	1.47E-05	-1.95E-05				
130	565.50	-1.02E-01	1.59E-01	-1.52E-01	-8.35E-01	-4.69E-01	4.54E-01	8.74E-01	-8.17E-01	-49.43	-1.02E-01	-8.35E-01	
	-8.00	-2.88E-06	7.15E-06	-4.80E-06	-6.43E-05	-3.61E-05	3.49E-05	3.47E-05	-3.04E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .2000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.0393E+01	.5860E+02	.7207E+01	.4853E+00	.1609E+02	-.7411E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1104E+01	-.4762E+00	-.9010E-01	-.5386E+01	-.3502E+01	.4393E+00
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1088E+01	.2119E+00	-.5402E-01	-.1118E+02	-.8090E+01	.1700E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1609E+01	-.3618E+00	.2060E-01	-.1647E+02	-.1168E+02	.3007E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.2404E+01	.4341E+00	-.3365E-01	-.2188E+02	-.1499E+02	.4762E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1154E+01	-.4768E-01	-.8456E-01	-.3095E+02	-.1833E+02	.8551E+01
25	-.2397E+01	-.4073E+00	-.1007E-01	-.3804E+02	-.2022E+02	.1330E+02
26	.2698E+01	.5412E+00	-.2141E-01	-.4101E+02	-.2069E+02	.1680E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1559E+02	.3180E+01	-.7145E+00	-.4226E+02	-.2441E+02	.2002E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.3207E+03	-.5717E+02	.2381E+01	-.5611E+02	-.5364E+02	.3934E+02
40	-.2396E+03	-.3761E+02	-.4368E+00	-.5230E+02	-.5375E+02	.3397E+02
41	-.1656E+03	-.2240E+02	-.3121E+01	-.5312E+02	-.4907E+02	.2699E+02
42	-.3527E+02	-.2595E+01	-.3053E+01	-.4372E+02	-.3611E+02	.2256E+02

3704

43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.4514E+03	.6134E+02	.1948E+01	-.1203E+02	-.4628E+02	-.5632E+02
48	.3989E+03	.5287E+02	.2534E+01	-.1397E+02	-.4329E+02	-.3720E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.6203E+03	.9261E+02	.3384E+01	.1945E+02	-.3164E+02	-.8719E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1832E+01	-.1136E+01	-.4567E+00	-.5454E+01	-.4858E+02	-.5575E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.4250E+03	.6347E+02	.3300E+01	.1050E+02	-.3219E+02	-.7453E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2968E+03	.4417E+02	.4280E+01	.1233E+02	-.3838E+02	-.7114E+02
66	.9555E+02	.1385E+02	.5296E+01	.1449E+02	-.3458E+02	-.7442E+02
67	-.2021E+03	-.3099E+02	.5312E+01	.1549E+02	-.7349E+02	-.7256E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3557E+03	-.5427E+02	.4239E+01	-.5377E+01	-.9909E+02	-.1066E+03
76	.4219E+02	.5143E+01	.2929E+01	-.1182E+02	-.1239E+03	-.1175E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1546E+03	-.2460E+02	.2221E+01	-.1281E+02	-.1480E+03	-.1097E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.6503E+02	.8230E+01	.1507E+01	-.2228E+02	-.1607E+03	-.1155E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.9270E+02	-.1565E+02	.1395E+01	-.1181E+02	-.1806E+03	-.1019E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.5561E+02	.6502E+01	.1122E+01	-.39[illegible]1	-.1903E+03	-.8984E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]0	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	-.5611E+02	-.1192E+02	.1075E+01	-.62[illegible]01	-.2073E+03	-.8330E+02
109	.4161E+02	.4162E+01	.5474E+00	-.4638E+01	-.2112E+03	-.7012E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.5820E+02	-.1095E+02	.8199E+00	.1489E+01	-.2288E+03	-.6544E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.3517E+02	-.7511E+01	-.8976E-01	.5188E+01	-.2298E+03	-.5785E+02
115	-.2184E+02	-.5605E+01	-.6181E+00	.1378E+02	-.2302E+03	-.4742E+02
116	-.7306E+02	-.1347E+02	-.1677E+01	.1412E+02	-.2327E+03	-.4964E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6681E+02	-.1262E+02	-.2412E+01	.9776E+01	-.2342E+03	-.3201E+02
119	-.6488E+02	-.1205E+02	-.3548E+01	.1440E+02	-.2084E+03	-.3200E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1039E+03	-.1133E+02	-.6409E+01	.4903E+01	-.1644E+03	-.2626E+02
122	-.8813E+02	-.2351E+01	-.8055E+01	-.7168E+01	-.1563E+03	-.1423E+02
123	-.6509E+02	-.9147E+00	-.6866E+01	-.5319E+01	-.1350E+03	-.1234E+02
124	-.4572E+02	-.5897E+00	-.4726E+01	-.4041E+01	-.1100E+03	-.1081E+02
125	-.2751E+02	.4749E+00	-.3435E+01	-.2982E+01	-.8961E+02	-.9358E+01
126	-.3705E+01	.3948E+01	-.3164E+01	-.1609E+01	-.7330E+02	-.7811E+01
127	.1340E+02	.6700E+01	-.3140E+01	-.6759E+00	-.6053E+02	-.5944E+01
128	.2961E+02	.8628E+01	-.2662E+01	.1466E+01	-.3535E+02	-.3906E+01
129	.2819E+02	.7172E+01	-.1841E+01	.2435E+01	-.1610E+02	-.2319E+01
130	.1867E+02	.4204E+01	-.9108E+00	.2642E+01	-.2959E+01	-.1512E+01
131	.4424E+01	.6823E+00	-.1867E+00	.2215E+01	.2527E+01	-.1318E+01
132	-.6675E+00	-.3534E+00	-.5882E-01	.1319E+01	.3856E+00	-.1376E+01
133	-.9409E+00	-.2705E+00	-.1222E+00	.8326E+00	-.1409E+01	-.1295E+01
134	-.2518E+00	-.6421E-01	-.1702E+00	.6250E+00	-.1551E+01	-.1051E+01
135	.2140E-01	.1018E-01	-.2017E+00	.4856E+00	-.1080E+01	-.7685E+00
136	.2040E-01	.7040E-02	-.2750E+00	.3424E+00	-.6578E+00	-.5036E+00
137	.2897E-01	.1088E-01	-.5129E+00	.2184E+00	-.2807E+00	-.2706E+00
138	-.1714E-01	-.3216E-01	-.1652E+02	.1143E+00	.6474E-01	-.1265E+00
139	-.2242E-01	-.3631E-01	.2729E+02	.2137E-01	-.3332E-01	.2802E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.77031E-03	-.22042E-04	.96567E-03	.00000E+00
3	-.16389E-02	-.75648E-04	.16073E-02	.00000E+00
4	-.17990E-02	-.83576E-04	.16623E-02	.00000E+00
5	-.19397E-02	.43088E-04	.19425E-02	.00000E+00
6	-.24722E-02	-.10940E-04	.24681E-02	-.65424E-05
7	-.21202E-02	-.33798E-03	.23028E-02	.00000E+00
8	-.25035E-02	-.30232E-03	.25809E-02	-.19691E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.95623E-03	-.70253E-04	.10928E-02	.00000E+00
11	-.17374E-02	-.19999E-03	.20531E-02	.00000E+00
12	-.19010E-02	-.29372E-03	.22918E-02	.00000E+00
13	-.21514E-02	-.27021E-03	.24743E-02	.00000E+00
14	-.25294E-02	-.44527E-03	.28853E-02	-.35869E-05
15	-.21457E-02	-.67181E-03	.31808E-02	.00000E+00
16	-.25744E-02	-.72507E-03	.33758E-02	-.21272E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.97499E-03	-.15135E-03	.15693E-02	.00000E+00
19	-.18208E-02	-.43254E-03	.29244E-02	.00000E+00
20	-.19690E-02	-.58254E-03	.32700E-02	.00000E+00
21	-.22422E-02	-.55078E-03	.35237E-02	.00000E+00
22	-.26229E-02	-.81109E-03	.40497E-02	-.24346E-05
23	-.23208E-02	-.10962E-02	.47109E-02	.00000E+00
24	-.26953E-02	-.11433E-02	.49136E-02	-.59529E-05
25	-.27373E-02	-.13151E-02	.54306E-02	-.21877E-05
26	-.27664E-02	-.13596E-02	.57230E-02	-.46777E-05

28	.00000E+00	.00000E+00	.00000E+00	.00000E+00
29	-.30210E-03	-.29312E-03	.23294E-02	.00000E+00
30	-.18128E-02	-.31274E-03	.43140E-02	.00000E+00
31	-.20255E-02	-.10563E-02	.47080E-02	.00000E+00
32	-.24687E-02	-.12461E-02	.53915E-02	.00000E+00
33	-.27493E-02	-.15345E-02	.60376E-02	-.13787E-04
34	-.24279E-02	-.15554E-02	.56990E-02	.00000E+00
35	.00000E+00	.00000E+00	.00000E+00	.00000E+00
36	-.83687E-03	-.33274E-03	.25827E-02	.00000E+00
37	-.17668E-02	-.99316E-03	.50192E-02	.00000E+00
38	-.21061E-02	-.11381E-02	.51311E-02	.00000E+00
39	-.24989E-02	-.16432E-02	.60345E-02	.00000E+00
40	-.29022E-02	-.21295E-02	.66277E-02	-.44766E-05
41	-.28397E-02	-.20364E-02	.64940E-02	-.11659E-04
42	-.28775E-02	-.18986E-02	.63649E-02	-.14611E-04
43	-.28344E-02	-.17374E-02	.62130E-02	-.15522E-04
44	-.18675E-02	-.12391E-02	.66662E-02	.00000E+00
45	.00000E+00	.00000E+00	.00000E+00	.00000E+00
46	-.64233E-03	-.25467E-03	.34757E-02	.00000E+00
47	-.15143E-02	-.98228E-03	.65644E-02	.00000E+00
48	-.29093E-02	-.21390E-02	.66968E-02	.13008E-05
49	-.29066E-02	-.21195E-02	.66712E-02	-.11152E-05
50	-.24846E-02	-.16343E-02	.60851E-02	.00000E+00
51	-.29073E-02	-.21579E-02	.66854E-02	.11033E-05
52	-.22070E-02	-.15399E-02	.71090E-02	.00000E+00
53	-.26617E-02	-.19181E-02	.75943E-02	.00000E+00
54	-.29210E-02	-.20959E-02	.67887E-02	.47179E-05
55	-.16784E-02	-.10012E-02	.72697E-02	.00000E+00
56	-.19985E-02	-.13376E-02	.83216E-02	.00000E+00
57	.00000E+00	.00000E+00	.00000E+00	.00000E+00
58	-.61628E-03	-.12565E-03	.41017E-02	.00000E+00
59	-.14938E-02	-.42028E-03	.82948E-02	.00000E+00
60	-.26051E-02	-.17268E-02	.89706E-02	.00000E+00
61	-.25202E-02	-.19165E-02	.79177E-02	.00000E+00
62	-.29133E-02	-.21683E-02	.67019E-02	.27590E-05
63	-.18194E-02	-.69920E-03	.99532E-02	.00000E+00
64	-.21454E-02	-.96415E-03	.10363E-01	.00000E+00
65	-.27311E-02	-.19325E-02	.76533E-02	.00000E+00
66	-.29235E-02	-.21780E-02	.67173E-02	.40090E-05
67	-.29535E-02	-.21982E-02	.67485E-02	.59126E-05
68	-.29919E-02	-.22197E-02	.67826E-02	.65762E-05
69	.00000E+00	.00000E+00	.00000E+00	.00000E+00
70	-.54782E-03	-.36414E-04	.35507E-02	.00000E+00
71	-.17866E-02	-.52619E-03	.11280E-01	.00000E+00
72	-.25350E-02	-.14422E-02	.12615E-01	.00000E+00
73	-.27733E-02	-.20207E-02	.79761E-02	.00000E+00
74	-.23531E-02	-.77726E-03	.15160E-01	.00000E+00
75	-.29768E-02	-.22256E-02	.80124E-02	.00000E+00
76	-.30303E-02	-.22397E-02	.68128E-02	.61373E-05
77	-.30978E-02	-.22767E-02	.67968E-02	.53115E-05
78	-.27242E-02	-.12207E-02	.15904E-01	.00000E+00
79	.00000E+00	.00000E+00	.00000E+00	.00000E+00
80	-.66754E-03	-.29150E-04	.58567E-02	.00000E+00
81	-.19182E-02	-.37163E-03	.12667E-01	.00000E+00
82	-.21200E-02	-.58105E-03	.14451E-01	.00000E+00
83	-.22357E-02	-.87952E-03	.14864E-01	.00000E+00
84	-.29329E-02	-.20913E-02	.14083E-01	.00000E+00
85	-.31436E-02	-.18056E-02	.18417E-01	.00000E+00
86	-.31772E-02	-.23280E-02	.68368E-02	.46663E-05
87	-.30665E-02	-.23150E-02	.75658E-02	.00000E+00
88	-.30478E-02	-.13751E-02	.18138E-01	.00000E+00
89	-.30774E-02	-.22389E-02	.11146E-01	.00000E+00
90	-.32501E-02	-.23780E-02	.68163E-02	.45721E-05
91	-.35379E-02	-.22179E-03	.19981E-01	.00000E+00

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91	-.34392E-02	-.47796E-03	.20464E-01	.00000E+00
92	-.29863E-02	-.80339E-03	.21218E-01	.00000E+00
93	.00000E+00	.00300E+00	.00000E+00	.00000E+00
94	-.18754E-02	.00300E+00	.96458E-02	.00000E+00
95	-.32131E-02	.00300E+00	.17252E-01	.00000E+00
96	-.35021E-02	.00300E+00	.19076E-01	.00000E+00
97	-.38120E-02	.00300E+00	.20099E-01	.00000E+00
98	-.39774E-02	.00300E+00	.20102E-01	.00000E+00
99	-.38520E-02	-.26924E-03	.20798E-01	.00000E+00
100	-.38255E-02	-.11404E-02	.20292E-01	.00000E+00
101	-.35952E-02	-.21405E-02	.19793E-01	.00000E+00
102	-.33462E-02	-.24560E-02	.68308E-02	.36081E-05
103	-.32610E-02	-.24250E-02	.15948E-01	.00000E+00
104	-.31723E-02	-.24691E-02	.76840E-02	.00000E+00
105	-.34264E-02	-.25370E-02	.67971E-02	.29933E-05
106	-.33480E-02	-.28342E-02	.14577E-01	.00000E+00
107	-.33231E-02	-.27069E-02	.82915E-02	.00000E+00
108	-.34950E-02	-.26054E-02	.67992E-02	.29690E-05
109	-.35662E-02	-.26669E-02	.67263E-02	.25968E-05
110	-.38039E-02	-.35799E-02	.14546E-01	.00000E+00
111	-.35733E-02	-.29457E-02	.87939E-02	.00000E+00
112	-.36208E-02	-.27413E-02	.67054E-02	.23042E-05
113	-.35592E-02	-.34731E-02	.12258E-01	.00000E+00
114	-.36702E-02	-.27816E-02	.65666E-02	.11810E-05
115	-.36963E-02	-.28388E-02	.64931E-02	.23324E-05
116	-.38052E-02	-.28696E-02	.63063E-02	.66165E-05
117	-.36545E-02	-.29395E-02	.79769E-02	.00000E+00
118	-.39000E-02	-.28873E-02	.62374E-02	.92445E-05
119	-.41332E-02	-.29171E-02	.61230E-02	.14488E-04
120	-.34910E-02	-.33062E-02	.75832E-02	.00000E+00
121	-.45670E-02	-.29196E-02	.59263E-02	.21511E-04
122	-.46103E-02	-.30307E-02	.58909E-02	.23835E-04
123	-.46704E-02	-.32398E-02	.58571E-02	.25525E-04
124	-.47347E-02	-.33992E-02	.58235E-02	.27233E-04
125	-.48146E-02	-.35688E-02	.57873E-02	.28834E-04
126	-.49559E-02	-.38438E-02	.57272E-02	.29338E-04
127	-.50926E-02	-.41489E-02	.56682E-02	.27102E-04
128	-.53171E-02	-.46492E-02	.55471E-02	.17523E-04
129	-.54291E-02	-.49165E-02	.54343E-02	.68475E-05
130	-.54359E-02	-.49396E-02	.53119E-02	-.43416E-05
131	-.52721E-02	-.44784E-02	.51265E-02	-.14002E-04
132	-.50582E-02	-.37745E-02	.49674E-02	-.16102E-04
133	-.48760E-02	-.30783E-02	.48300E-02	-.14536E-04
134	-.47473E-02	-.24504E-02	.47210E-02	-.13090E-04
135	-.46515E-02	-.18771E-02	.46359E-02	-.12885E-04
136	-.45805E-02	-.12315E-02	.45728E-02	-.13005E-04
137	-.45393E-02	-.71195E-03	.45370E-02	-.13162E-04
138	-.45115E-02	-.10471E-03	.45116E-02	-.13075E-04
139	-.45115E-02	-.13098E-04	.45115E-02	-.13095E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.45E-02	-1.15E-02	2.51E-02	-1.07E-01	-7.82E-03	1.29E-01	9.44E-02	-1.20E-01	-45.39	-1.45E-02	-1.07E-01
	-303.00	-6.46E-07	-5.13E-07	1.15E-06	-9.76E-06	-7.11E-07	1.18E-05	4.30E-06	-5.46E-06			
2	72.00	-1.59E-02	-1.66E-02	5.29E-02	-1.07E-01	-1.64E-03	1.12E-01	9.12E-02	-1.24E-01	-44.91	-1.59E-02	-1.07E-01
	-213.00	-9.88E-07	-1.02E-06	2.14E-06	-9.76E-06	-1.49E-07	1.02E-05	3.86E-06	-5.89E-06			
3	72.00	[illegible].14E-02	-2.65E-02	9.45E-02	-8.31E-02	4.03E-02	1.04E-01	5.91E-02	-1.07E-01	-44.12	-2.14E-02	-8.31E-02
	-138.0[illegible]	[illegible].31E-07	-8.47E-07	1.90E-06	-3.78E-06	1.83E-06	[illegible]E-06	1.10E-06	-2.68E-06			
4	24	[illegible].71E-01	-4.06E-01	-5.43E-01	-2.06E-01	1.34E-01	[illegible]E-01	-2.30E-01	-6.47E-01	-49.47	-4.71E-01	-2.0[illegible]

	-68.00	2.51E-06	-1.20E-08	-5.28E-06	-1.58E-05	1.03E-05	[illegible]E-05	6.75E-06	-9.28E-06				
5	72.00	2.22E-01	1.54E-01	3.64E-01	-1.05E-01	4.21E-02	[illegible]E-02	3.14E-01	1.02E-01	-41.22	1.94E-01	1.05E[illegible]	
	-88.00	-3.29E-06	-1.11E-06	5.43E-06	-8.09E-06	3.24E-06	4.36E-06	3.51E-06	-4.65E-06				
6	120.00	1.34E-01	1.50E-01	2.34E-01	-1.44E-01	-1.14E-02	1.13E-01	2.86E-01	2.70E-04	-46.24	3.88E-03	3.21E-02	
	-68.00	-4.33E-07	4.59E-08	3.26E-06	-1.11E-05	-8.75E-07	6.72E-06	5.34E-06	-5.73E-06				
7	36.25	-2.86E-02	6.83E-03	5.63E-02	-1.64E-01	1.97E-02	1.44E-01	1.54E-01	-1.75E-01	-48.09	-2.29E-02	-1.64E-01	
	-19.00	-1.48E-06	-1.17E-07	1.78E-06	-1.26E-05	1.52E-06	1.11E-05	5.53E-06	-7.13E-06				
8	108.00	1.91E-02	-2.03E-03	8.59E-02	-9.22E-02	1.47E-02	1.18E-01	1.01E-01	-8.43E-02	-41.73	1.91E-02	-9.22E-02	
	-19.00	-3.97E-07	-1.21E-06	2.17E-06	-7.09E-06	1.13E-06	9.08E-06	2.77E-06	-4.37E-06				
9	216.00	-2.12E-02	-4.69E-02	-1.13E-03	-1.21E-01	6.89E-03	1.66E-01	8.77E-02	-1.56E-01	-41.98	-2.12E-02	-1.21E-01	
	-303.00	-6.48E-06	-1.23E-06	8.46E-07	-1.10E-05	8.09E-07	1.50E-05	4.89E-06	-6.18E-06				
10	216.00	-1.43E-02	-5.60E-02	4.82E-02	-1.11E-01	2.41E-02	1.52E-01	7.79E-02	-1.49E-01	-39.61	-1.43E-02	-1.11E-01	
	-213.00	-3.54E-07	-2.28E-06	2.49E-06	-1.01E-05	2.19E-06	1.39E-05	3.84E-06	-6.47E-06				
11	216.00	1.16E-02	-5.48E-02	1.93E-01	-9.68E-02	6.20E-02	1.46E-01	8.08E-02	-1.24E-01	-35.54	1.16E-02	-9.68E-02	
	-138.00	-5.22E-07	-2.03E-06	3.60E-06	-4.40E-06	2.82E-06	6.62E-06	1.05E-06	-3.60E-06				
12	168.00	-1.60E-01	-3.05E-01	-1.01E-01	-2.34E-01	9.73E-02	2.94E-01	1.25E-02	-4.78E-01	-36.36	-1.60E-01	-2.34E-01	
	-68.00	7.91E-08	-5.52E-06	2.33E-06	-1.80E-05	7.49E-06	2.27E-05	6.71E-06	-1.21E-05				
13	216.00	2.21E-01	1.55E-01	3.70E-01	-1.02E-01	1.06E-01	6.07E-03	2.95E-01	8.10E-02	-36.04	1.55E-01	1.02E-01	
	-88.00	3.02E-07	-2.23E-06	6.03E-06	-7.83E-06	8.18E-06	4.67E-07	3.15E-06	-5.06E-06				
14	264.00	1.30E-01	1.53E-01	2.93E-01	-1.35E-01	-2.20E-03	1.19E-01	2.77E-01	5.45E-03	-47.50	1.03E-02	3.61E-02	
	-68.00	-1.34E-06	-4.29E-07	4.93E-06	-1.04E-05	-1.69E-07	9.18E-06	4.34E-06	-6.11E-06				
15	180.00	5.76E-02	1.33E-02	1.56E-01	-1.52E-01	6.27E-02	1.06E-01	1.89E-01	-1.18E-01	-40.85	5.76E-02	-1.52E-01	
	-19.00	-2.73E-07	-1.99E-06	3.49E-06	-1.17E-05	4.82E-06	8.16E-06	4.78E-06	-7.03E-06				
16	252.00	1.53E-02	-2.87E-02	1.59E-01	-8.76E-02	3.32E-02	1.16E-01	8.36E-02	-9.70E-02	-37.93	1.53E-02	-8.76E-02	
	-19.00	-1.01E-06	-2.70E-06	4.51E-06	-6.73E-06	2.55E-06	8.95E-06	1.62E-06	-5.33E-06				
17	361.00	-3.18E-02	-9.22E-02	-6.50E-03	-1.20E-01	1.32E-02	2.42E-01	6.19E-02	-1.86E-01	-37.95	-3.18E-02	-1.20E-01	
	-303.00	2.49E-07	-2.50E-06	1.40E-06	-1.09E-05	1.20E-06	2.20E-05	4.51E-06	-6.76E-06				
18	361.00	-4.91E-03	-1.09E-01	7.48E-02	-1.27E-01	3.81E-02	2.17E-01	8.08E-02	-1.94E-01	-33.94	-4.81E-03	-1.27E-01	
	-213.00	2.77E-07	-4.42E-06	3.90E-06	-1.16E-05	3.47E-06	1.97E-05	4.17E-06	-8.31E-06				
19	361.00	2.94E-02	-1.01E-01	2.76E-01	-1.44E-01	9.85E-02	1.80E-01	1.22E-01	-1.94E-01	-32.85	2.94E-02	-1.44E-01	
	-138.00	-4.09E-07	-3.36E-06	5.21E-06	-6.54E-06	4.48E-06	8.17E-06	1.70E-06	-5.47E-06				
20	312.00	-2.59E-01	-4.25E-01	-1.21E-01	-2.94E-01	1.60E-01	4.46E-01	-3.63E-02	-6.47E-01	-37.08	-2.58E-01	-2.94E-01	
	-68.00	-1.09E-06	-7.50E-06	4.17E-06	-2.26E-05	1.23E-05	3.43E-05	7.45E-06	-1.60E-05				
21	360.67	3.16E-01	2.99E-01	5.10E-01	-1.57E-01	1.62E-01	4.36E-02	4.65E-01	1.51E-01	-43.45	2.99E-01	1.57E-01	
	-88.00	-2.04E-07	-8.56E-07	7.24E-06	-1.21E-05	1.24E-05	3.86E-06	5.51E-06	-6.57E-06				
22	409.33	-1.62E-01	-2.78E-01	5.63E-02	-2.37E-01	3.66E-02	3.31E-01	2.39E-02	-4.64E-01	-38.07	-4.64E-01	-8.21E-03	
	-68.00	-2.00E-06	-6.49E-06	6.38E-06	-1.82E-05	2.81E-06	2.54E-05	5.14E-06	-1.36E-05				
23	324.00	7.40E-02	3.23E-02	2.48E-01	-1.64E-01	1.12E-01	1.18E-01	2.18E-01	-1.12E-01	-41.38	7.40E-02	-1.64E-01	
	-19.00	-1.05E-06	-2.65E-06	5.65E-06	-1.26E-05	8.60E-06	9.06E-06	4.50E-06	-8.20E-06				
24	372.00	-3.75E-02	-1.48E-01	1.60E-01	-3.23E-01	1.03E-01	2.90E-01	2.35E-01	-4.20E-01	-40.17	-3.75E-02	-3.23E-01	
	-9.33	-1.17E-06	-5.40E-06	6.42E-06	-2.49E-05	7.94E-06	2.23E-05	9.33E-06	-1.55E-05				
25	401.25	7.94E-02	6.07E-02	3.05E-01	-1.04E-01	5.91E-02	1.37E-01	1.75E-01	-3.47E-02	-42.44	1.68E-01	-3.79E-02	
	-19.00	-1.83E-06	-2.55E-06	6.83E-06	-8.02E-06	4.55E-06	1.05E-05	1.84E-06	-6.22E-06				
26	427.67	-3.58E-01	-6.36E-01	-1.49E-01	-3.30E-01	1.26E-01	4.02E-01	-1.39E-01	-8.55E-01	-33.58	-5.80E-01	-3.48E-01	
	-9.33	-1.21E-06	-1.19E-05	6.83E-06	-2.54E-05	9.72E-06	3.09E-05	7.22E-06	-2.03E-05				
27	457.00	-3.10E-02	-1.24E-01	-8.45E-03	-1.10E-01	1.12E-02	3.04E-01	4.24E-02	-1.97E-01	-23.61	-3.10E-02	-1.10E-01	
	-303.00	7.09E-07	-3.50E-06	1.74E-06	-1.00E-05	1.02E-06	2.76E-05	4.05E-06	-6.84E-06				
28	457.00	7.41E-03	-1.63E-01	8.82E-02	-1.38E-01	6.08E-02	2.85E-01	8.46E-02	-2.40E-01	-29.19	7.41E-03	-1.38E-01	
	-213.00	1.21E-06	-6.53E-06	4.88E-06	-1.26E-05	5.52E-06	2.59E-05	4.72E-06	-1.00E-05				
29	457.00	1.12E-01	-6.95E-02	3.69E-01	-1.86E-01	1.32E-01	1.42E-01	2.29E-01	-1.86E-01	-32.02	1.12E-01	-1.86E-01	
	-138.00	3.85E-07	-3.74E-06	6.23E-06	-8.47E-06	6.02E-06	6.45E-06	3.03E-06	-6.39E-06				
30	442.00	-2.96E-01	-7.08E-01	-1.86E-01	-4.01E-01	8.98E-02	5.42E-01	-5.05E-02	-9.53E-01	-31.41	-2.96E-01	-4.01E-01	
	-68.00	1.70E-06	-1.41E-05	5.91E-06	-3.09E-05	6.90E-06	4.17E-05	1.11E-05	-2.36E-05				
31	457.33	3.74E-01	-3.58E-02	3.76E-01	-7.11E-02	-7.33E-03	2.17E-01	3.86E-01	-4.78E-02	-9.57	-3.58E-02	7.11E-02	
	-88.00	6.54E-06	-9.23E-06	6.61E-06	-5.47E-06	-5.64E-07	1.67E-05	7.00E-06	-9.69E-06				
32	472.67	-1.03E+00	-1.50E+00	-7.78E-01	-2.92E-01	1.15E-01	5.47E-01	-8.89E-01	-1.64E+00	-25.65	-1.27E+00	-3.74E-01	
	-68.00	-3.27E-06	-2.13E-05	6.40E-06	-2.25E-05	8.65E-06	4.21E-05	2.12E-06	-2.67E-05				
33	453.00	1.78E-02	-9.37E-02	2.33E-01	-2.65E-01	9.30E-02	1.96E-01	2.33E-01	-3.05E-01	-39.06	1.78E-02	-2.65E-01	
	-19.50	-1.04E-06	-5.33E-06	7.24E-06	-2.04E-05	7.15E-06	1.51E-05	7.24E-06	-1.36E-05				
34	454.00	-1.01E+00	-1.20E+00	-6.22E-01	-5.43E-01	1.45E-01	4.89E-01	-5.53E-01	-1.66E+00	-39.89	-1.24E+00	-5.36E-01	
	-11.33	-7.62E-06	-1.52E-05	7.21E-06	-4.18E-05	1.11E-05	3.76E-05	9.85E-06	-3.26E-05				
35	461.67	-8.23E-01	-1.35E+00	-6.10E-01	-5.02E-01	6.05E-02	5.56E-01	-5.18E-01	-1.65E+00	-31.24	-8.23E-01	-5.02E-01	
	-12.00	-1.11E-06	-2.12E-05	7.09E-06	-3.96E-05	4.65E-06	4.26E-05	1.06E-05	-3.30E-05				
36	465.00	6.05E-01	1.21E-01	6.01E-01	-1.21E-02	2.71E-02	2.11E-01	6.96E-01	1.21E-01	-1.20	1.21E-01	1.21E-02	

	-30.00	1.12E-05	-1.09E-05	7.54E-06	-9.30E-07	2.08E-06	1.63E-05	1.12E-05	-1.05E-05				
37	476.33	-1.02E+00	-1.65E+00	-7.66E-01	-3.98E-01	6.16E-02	4.41E-01	-8.26E-01	-1.84E+00	-25.85	-1.20E+00	-4.89E-01	
	-12.00	-1.14E-06	-2.53E-05	7.42E-06	-3.04E-05	4.74E-06	3.39E-05	6.27E-06	-3.27E-05				
38	558.50	-1.25E-02	-9.79E-02	1.90E-02	-8.77E-02	8.74E-03	3.73E-01	4.23E-02	-1.53E-01	-32.01	-1.25E-02	-8.77E-02	
	-303.00	6.20E-07	-3.26E-06	2.05E-06	-7.97E-06	7.54E-07	3.39E-05	3.11E-06	-5.75E-06				
39	558.50	3.28E-02	-1.56E-01	1.28E-01	-1.03E-01	2.20E-02	3.50E-01	7.85E-02	-2.02E-01	-23.82	3.28E-02	-1.03E-01	
	-213.00	1.42E-06	-7.16E-06	5.77E-06	-9.41E-06	2.00E-06	3.18E-05	3.50E-06	-9.23E-06				
40	506.17	6.88E-02	-5.68E-01	2.18E-01	-3.14E-01	2.89E-01	7.30E-01	1.98E-01	-6.97E-01	-22.30	6.88E-02	-3.14E-01	
	-128.00	3.04E-06	-1.14E-05	8.42E-06	-1.43E-05	1.31E-05	3.32E-05	5.97E-06	-1.44E-05				
41	558.50	3.84E-01	-3.04E-01	5.41E-01	-1.06E-01	2.20E-01	9.07E-02	4.00E-01	-3.26E-01	-8.58	-3.04E-01	1.06E-01	
	-148.00	5.47E-06	-1.02E-05	9.04E-06	-4.83E-06	1.00E-05	4.12E-06	5.83E-06	-1.05E-05				
42	610.83	1.04E-01	-4.75E-01	3.62E-01	-1.69E-01	-1.28E-02	5.86E-01	1.50E-01	-5.21E-01	-15.15	-4.25E-01	-2.35E-01	
	-128.00	2.41E-06	-1.07E-05	8.27E-06	-7.69E-06	-5.80E-07	2.67E-05	3.45E-06	-1.16E-05				
43	501.38	2.42E-01	-1.23E-02	3.63E-01	-9.49E-02	1.11E-01	1.96E-01	2.74E-01	-4.38E-02	-18.37	2.42E-01	-9.49E-02	
	-78.00	2.79E-06	-6.99E-06	7.46E-06	-7.30E-06	8.51E-06	1.51E-05	4.01E-06	-8.20E-06				
44	534.67	-6.84E-02	-5.68E-01	6.40E-02	-2.75E-01	6.95E-02	9.73E-02	4.98E-02	-7.06E-01	-23.28	-6.44E-01	-2.08E-01	
	-68.00	3.88E-06	-1.61E-05	8.98E-06	-2.11E-05	5.34E-06	7.49E-06	8.43E-06	-2.07E-05				
45	584.67	5.32E-02	-3.06E-01	1.98E-01	-1.32E-01	9.41E-02	5.79E-01	9.65E-02	-3.50E-01	-18.15	5.32E-02	-1.32E-01	
	-68.00	2.66E-06	-1.12E-05	8.21E-06	-1.02E-05	7.24E-06	4.46E-05	4.32E-06	-1.28E-05				
46	610.83	3.37E-01	-3.10E-01	3.44E-01	-2.87E-02	-9.33E-02	3.46E-01	3.39E-01	-3.11E-01	-2.53	-3.10E-01	2.87E-02	
	-88.00	8.90E-06	-1.60E-05	9.15E-06	-2.20E-06	-7.18E-06	2.66E-05	8.95E-06	-1.61E-05				
47	482.63	-2.55E-02	-2.84E-01	1.52E-01	-1.05E-01	2.36E-02	1.97E-01	1.16E-02	-3.21E-01	-19.50	-2.55E-02	-1.05E-01	
	-21.00	7.53E-07	-9.20E-06	7.58E-06	-8.06E-06	1.81E-06	1.51E-05	2.18E-06	-1.06E-05				
48	485.83	-1.13E+00	-1.84E+00	-9.20E-01	-3.04E-01	-1.30E-03	4.79E-01	-1.02E+00	-1.95E+00	-20.31	-1.18E+00	-3.47E-01	
	-12.00	-7.70E-07	-2.80E-05	7.41E-06	-2.34E-05	-1.00E-07	3.69E-05	3.56E-06	-3.24E-05				
49	507.98	1.55E-01	-1.25E-01	3.02E-01	-1.01E-01	5.49E-02	1.70E-01	1.88E-01	-1.58E-01	-17.93	1.55E-01	-1.01E-01	
	-21.00	2.32E-06	-8.45E-06	7.95E-06	-7.78E-06	4.22E-06	1.31E-05	3.58E-06	-9.71E-06				
50	538.67	4.44E-02	-6.31E-01	9.67E-02	-2.88E-01	4.35E-02	1.79E-01	1.51E-01	-7.37E-01	-20.25	-6.13E-01	-3.08E-01	
	-10.00	7.09E-06	-1.89E-05	9.10E-06	-2.22E-05	3.35E-06	1.38E-05	1.12E-05	-2.30E-05				
51	484.67	8.27E-02	5.84E-02	3.41E-01	7.27E-02	1.31E-01	8.81E-02	1.44E-01	-3.18E-03	40.25	5.84E-02	-7.27E-02	
	8.00	-2.12E-06	-3.05E-06	7.81E-06	5.59E-06	1.01E-05	6.78E-06	2.53E-07	-5.42E-06				
52	507.00	4.52E-01	3.43E-01	6.12E-01	2.10E-01	3.41E-02	2.65E-01	6.14E-01	1.81E-01	37.74	6.07E-01	5.60E-02	
	9.00	1.92E-06	-2.26E-06	8.07E-06	1.61E-05	2.63E-06	2.04E-05	8.17E-06	-8.50E-06				
53	603.00	1.93E-01	-7.40E-03	4.21E-01	-6.55E-02	9.41E-02	1.56E-01	2.12E-01	-2.69E-02	-16.60	2.12E-01	1.12E-02	
	-18.00	7.49E-07	-6.95E-06	9.53E-06	-5.04E-06	7.24E-06	1.20E-05	1.50E-06	-7.70E-06				
54	712.00	1.04E-02	-3.80E-02	5.73E-02	-7.22E-02	-1.45E-03	5.65E-01	6.23E-02	-8.95E-02	-35.73	1.04E-02	-7.22E-02	
	-303.00	8.69E-08	-2.11E-06	2.22E-06	-6.56E-06	-1.32E-07	4.22E-05	2.45E-06	-4.47E-06				
55	712.00	6.33E-02	-5.39E-02	2.00E-01	-8.56E-02	1.62E-02	4.52E-01	1.08E-01	-9.90E-02	-27.79	6.33E-02	-8.56E-02	
	-213.00	1.55E-07	-5.17E-06	6.38E-06	-7.78E-06	1.47E-06	4.10E-05	2.21E-06	-7.22E-06				
56	712.00	1.59E-01	2.37E-02	5.71E-01	-3.42E-02	1.26E-01	4.57E-01	1.68E-01	2.50E-02	-14.35	1.59E-01	-3.42E-02	
	-138.00	-3.98E-07	-3.24E-06	8.98E-06	-1.56E-06	5.73E-06	2.08E-05	-1.99E-07	-3.44E-06				
57	712.00	1.81E-01	7.55E-02	4.64E-01	-4.08E-02	7.57E-02	1.77E-01	1.95E-01	6.15E-02	-18.88	1.81E-01	-4.08E-02	
	-78.00	-9.57E-07	-5.01E-06	9.93E-06	-3.14E-06	5.82E-06	1.36E-05	-4.19E-07	-5.55E-06				
58	712.00	1.40E-01	-5.68E-02	4.29E-01	-7.64E-02	1.05E-01	3.40E-01	1.66E-01	-8.30E-02	-18.93	1.40E-01	-7.64E-02	
	-18.00	-2.56E-07	-7.81E-06	1.09E-05	-5.87E-06	8.07E-06	2.61E-05	7.51E-07	-8.82E-06				
59	837.00	2.10E-01	8.85E-02	1.19E-01	-6.61E-02	-3.01E-01	5.01E-01	2.39E-01	5.95E-02	-23.76	8.86E-02	6.61E-02	
	-318.00	4.11E-06	-1.40E-06	.00E+00	-6.01E-06	-2.73E-05	4.56E-05	5.43E-06	-2.72E-06				
60	987.00	-6.69E-02	-1.25E-01	-7.70E-02	-2.03E-01	-4.04E-02	1.37E+00	1.09E-01	-3.01E-01	-40.89	-2.89E-01	6.95E-02	
	-288.00	4.56E-07	-2.21E-06	.00E+00	-1.84E-05	-3.67E-06	1.24E-04	8.43E-06	-1.02E-05				
61	987.00	-1.03E-01	-1.10E-01	-8.50E-02	-2.15E-01	1.69E-01	1.58E+00	1.09E-01	-3.21E-01	-44.51	-1.03E-01	-2.15E-01	
	-288.00	-7.98E-07	-1.13E-06	.00E+00	-1.95E-05	1.54E-05	1.44E-04	8.81E-06	-1.07E-05				
62	1037.00	2.65E-01	1.53E-01	1.67E-01	-1.61E-01	-4.29E-01	1.43E+00	3.80E-01	3.86E-02	-35.40	1.53E-01	1.61E-01	
	-318.00	4.45E-06	-6.48E-07	.00E+00	-1.46E-05	-3.90E-05	1.30E-04	9.65E-06	-5.85E-06				
63	862.00	4.74E-02	-3.31E-02	2.09E-01	-1.30E-01	1.66E-02	7.32E-01	1.43E-01	-1.29E-01	-36.37	4.74E-02	-1.30E-01	
	-213.00	-7.48E-07	-4.41E-06	6.61E-06	-1.18E-05	1.51E-06	6.66E-05	3.59E-06	-8.75E-06				
64	1012.00	7.34E-02	-1.72E-02	2.40E-01	-1.40E-01	5.79E-02	8.91E-01	1.75E-01	-1.19E-01	-36.04	7.34E-02	-1.40E-01	
	-213.00	-5.04E-07	-4.62E-06	7.05E-06	-1.27E-05	5.26E-06	8.10E-05	4.13E-06	-9.26E-06				
65	837.00	-5.85E-02	-9.40E-02	6.03E-01	-1.22E-01	8.21E-01	6.22E-01	4.71E-02	-2.00E-01	-40.87	-9.40E-02	1.22E-01	
	-148.00	-3.69E-06	-4.50E-06	1.13E-05	-5.55E-06	3.73E-05	2.83E-05	-1.29E-06	-6.90E-06				
66	937.00	5.10E-02	-1.45E-01	5.51E-01	-2.31E-01	1.07E-01	1.03E+00	2.04E-01	-2.98E-01	-33.48	-2.77E-01	9.94E-02	
	-128.00	1.24E-06	-5.70E-06	1.01E-05	-1.05E-05	4.86E-06	4.67E-05	2.23E-06	-9.16E-06				
67	1037.0[illegible]	[illegible].88E-01	-3.23E-01	5.58E-01	-1.85E-01	-8.49E-02	[illegible]E-01	2.46E-01	-3.83E-01	-17.95	-3.23E-01	1.85E[illegible]	
	-148.0[illegible]	[illegible].06E-06	-9.56E-06	1.05E-05	-8.41E-06	-3.86E-06	[illegible]E-05	3.42E-06	-1.09E-05				
68	837[illegible]	-1.30E-01	-3.57E-01	1.59E-01	-2.41E-01	2.89E-01	[illegible]E+00	2.36E-02	-5.10E-01	-32.39	-1.30E-01	-2.[illegible]	

	-68.	1.30E-04	-1.01E-05	9.72E-06	-1.66E-05	2.23E-05	[illegible]E-04	4.50E-06	-1.60E-05				
69	937.0[illegible]	2.75E-01	1.97E-01	6.65E-01	-3.43E-02	1.85E-01	[illegible]95E-01	2.88E-01	1.84E-01	-20.79	1.97E-01	3.43[illegible]	
	-88.00	-1.03E-04	-4.91E-05	1.31E-05	-2.64E-06	1.45E-05	1.84E-05	-1.43E-06	-5.41E-06				
70	1037.00	-9.81E-03	-3.73E-01	2.77E-01	-6.39E-02	-1.79E-01	3.40E-01	1.12E-03	-3.84E-01	-9.70	-3.67E-01	-7.89E-02	
	-68.00	7.83E-07	-1.32E-05	1.18E-05	-4.92E-06	-1.38E-05	2.61E-05	1.20E-06	-1.36E-05				
71	862.00	1.35E-01	-4.54E-02	5.03E-01	-6.77E-02	1.83E-01	3.41E-01	1.58E-01	-6.80E-02	-18.45	1.35E-01	-6.77E-02	
	-18.00	-1.32E-04	-9.26E-06	1.28E-05	-5.21E-06	1.41E-05	2.63E-05	-4.54E-07	-9.13E-06				
72	1012.00	1.99E-01	-2.39E-03	5.41E-01	-1.36E-01	-8.85E-02	4.49E-01	2.67E-01	-7.12E-02	-26.79	1.99E-01	-1.36E-01	
	-18.00	-6.87E-07	-8.42E-06	1.33E-05	-1.05E-05	-6.81E-06	3.46E-05	1.96E-06	-1.11E-05				
73	1387.00	2.92E-02	4.78E-02	1.03E-01	-1.55E-01	9.07E-03	5.48E-01	1.94E-01	-1.17E-01	-46.71	2.92E-02	-1.55E-01	
	-303.00	-1.01E-06	-1.62E-07	2.34E-06	-1.41E-05	8.24E-07	8.62E-05	6.48E-06	-7.65E-06				
74	1387.00	7.33E-02	7.92E-02	2.71E-01	-1.48E-01	1.76E-03	8.82E-01	2.75E-01	-7.22E-02	-45.57	7.33E-02	-1.48E-01	
	-213.00	-2.17E-04	-1.50E-06	6.82E-06	-1.35E-05	1.60E-07	8.01E-05	4.71E-06	-8.78E-06				
75	1387.00	8.23E-02	1.05E-01	6.00E-01	-1.04E-01	-4.02E-02	6.65E-01	1.98E-01	-1.07E-02	-48.09	8.23E-02	-1.04E-01	
	-138.00	-2.26E-06	-1.75E-06	9.50E-06	-4.71E-06	-1.83E-06	3.02E-05	3.69E-07	-4.37E-06				
76	1187.00	-1.26E-02	-5.40E-03	3.69E-01	-2.84E-01	8.75E-02	1.38E+00	2.75E-01	-2.93E-01	-45.37	-1.26E-02	-2.84E-01	
	-68.00	-4.34E-06	-4.06E-06	1.03E-05	-2.18E-05	6.73E-06	1.06E-04	6.71E-06	-1.51E-05				
77	1387.00	-5.13E-02	-8.85E-02	3.53E-01	1.85E-02	3.49E-02	2.94E-01	-4.37E-02	-9.62E-02	22.44	-8.85E-02	-1.85E-02	
	-88.00	-4.31E-06	-5.74E-06	1.12E-05	1.42E-06	2.68E-06	2.26E-05	-4.02E-06	-6.04E-06				
78	1567.00	2.40E-01	1.64E-01	5.19E-01	-1.32E-01	-1.22E-01	6.39E-01	3.39E-01	6.45E-02	-37.00	1.16E-01	1.07E-01	
	-68.00	-9.14E-07	-3.83E-06	9.81E-06	-1.02E-05	-9.42E-06	4.92E-05	2.91E-06	-7.66E-06				
79	1237.00	6.50E-02	-1.22E-02	4.69E-01	-7.09E-02	1.16E-03	4.15E-01	1.07E-01	-5.43E-02	-30.72	6.50E-02	-7.09E-02	
	-18.00	-3.24E-06	-6.21E-06	1.23E-05	-5.45E-06	8.94E-08	3.19E-05	-1.62E-06	-7.83E-06				
80	1433.80	4.24E-02	-1.59E-01	3.71E-01	-1.14E-01	-1.18E-01	3.88E-01	9.39E-02	-2.11E-01	-24.29	4.24E-02	-1.14E-01	
	-8.00	-1.16E-06	-8.91E-06	1.15E-05	-8.79E-06	-9.09E-06	2.99E-05	8.23E-07	-1.09E-05				
81	1533.80	9.15E-02	-2.88E-02	4.12E-01	1.50E-02	-1.58E-01	2.24E-01	9.33E-02	-3.06E-02	7.02	-2.88E-02	-1.50E-02	
	-28.00	-1.69E-06	-6.32E-06	1.06E-05	1.16E-06	-1.22E-05	1.72E-05	-1.62E-06	-6.39E-06				
82	1633.80	2.25E-01	1.29E-01	5.04E-01	-5.85E-02	-1.86E-01	1.53E-01	2.52E-01	1.01E-01	-25.33	1.02E-01	1.24E-02	
	-8.00	-7.86E-07	-4.47E-06	9.97E-06	-4.50E-06	-1.43E-05	1.19E-05	2.79E-07	-5.54E-06				
83	1433.80	1.50E-01	6.36E-03	4.93E-01	5.60E-03	-1.31E-01	2.12E-01	1.50E-01	6.14E-03	2.23	6.36E-03	-5.60E-03	
	27.60	-1.36E-06	-6.89E-06	1.18E-05	4.31E-07	-1.00E-05	1.63E-05	-1.35E-06	-6.90E-06				
84	1296.10	9.28E-02	-1.97E-02	4.90E-01	-1.59E-02	-3.32E-02	8.33E-02	9.50E-02	-2.19E-02	-7.90	-2.60E-03	4.34E-02	
	40.70	-2.61E-06	-6.94E-06	1.26E-05	-1.22E-06	-2.56E-06	6.40E-06	-2.53E-06	-7.02E-06				
85	1148.60	1.11E-01	-2.15E-02	5.14E-01	-1.79E-01	-8.66E-02	5.96E-01	2.35E-01	-1.46E-01	-34.84	-1.10E-01	-1.12E-01	
	57.33	-2.37E-06	-7.46E-06	1.31E-05	-1.37E-05	-6.66E-06	4.58E-05	2.42E-06	-1.22E-05				
86	1131.40	1.43E-01	1.96E-01	6.65E-01	4.40E-02	1.37E-03	1.99E-01	2.21E-01	1.18E-01	60.57	1.96E-01	-4.40E-02	
	112.00	-5.54E-06	-3.49E-06	1.45E-05	3.39E-06	1.06E-07	1.53E-05	-2.53E-06	-6.49E-06				
87	1019.80	-4.22E-02	-2.09E-01	4.38E-01	1.16E-02	1.71E-01	-2.75E-02	-4.14E-02	-2.10E-01	3.97	-2.09E-01	-1.16E-02	
	34.67	-3.68E-06	-1.01E-05	1.48E-05	9.95E-07	1.31E-05	-2.11E-06	-3.65E-06	-1.01E-05				
88	886.60	1.62E-01	-5.40E-02	5.53E-01	-5.43E-02	7.02E-02	2.22E-01	1.75E-01	-6.65E-02	-13.33	1.62E-01	-5.43E-02	
	46.00	-1.03E-06	-9.35E-06	1.40E-05	-4.18E-06	5.40E-06	1.71E-05	-5.34E-07	-9.84E-06				
89	869.90	4.56E-01	3.07E-01	9.45E-01	-2.65E-02	3.55E-01	5.32E-01	4.61E-01	3.03E-01	-9.81	3.07E-01	2.65E-02	
	96.00	-1.22E-06	-6.95E-06	1.76E-05	-2.04E-06	2.73E-05	4.09E-05	-1.05E-06	-7.13E-06				
90	952.60	1.91E-01	-1.77E-01	9.89E-01	-8.96E-02	-1.46E-02	6.29E-02	2.11E-01	-1.98E-01	-12.99	-1.97E-01	1.47E-02	
	128.00	7.09E-07	-1.34E-05	1.60E-05	-6.89E-06	-1.12E-06	4.84E-06	1.50E-06	-1.42E-05				
91	869.80	1.24E-01	-1.29E-01	5.29E-01	-1.02E-01	8.34E-02	3.35E-01	1.60E-01	-1.65E-01	-19.44	1.24E-01	-1.02E-01	
	160.00	-9.95E-07	-1.07E-05	1.46E-05	-7.83E-06	6.41E-06	2.58E-05	3.87E-07	-1.21E-05				
92	865.80	4.04E-01	1.97E-01	9.18E-01	7.53E-02	5.79E-01	2.71E-02	4.29E-01	1.72E-01	18.00	1.97E-01	-7.53E-02	
	203.60	-1.15E-06	-9.13E-06	1.86E-05	5.79E-06	4.45E-05	2.09E-06	-2.10E-07	-1.01E-05				
93	598.67	9.91E-02	-1.26E-01	3.76E-01	-1.69E-01	5.63E-01	1.02E-01	1.90E-01	-2.17E-01	-28.20	-1.26E-01	1.69E-01	
	16.00	-2.66E-08	-8.69E-06	1.06E-05	-1.30E-05	4.33E-05	7.87E-06	3.47E-06	-1.22E-05				
94	645.75	1.63E-01	-6.61E-02	4.15E-01	-9.36E-02	1.60E-01	1.86E-01	1.96E-01	-9.95E-02	-19.64	1.63E-01	-9.36E-02	
	24.00	6.40E-07	-8.16E-06	1.03E-05	-7.20E-06	1.23E-05	1.43E-05	1.92E-06	-9.45E-06				
95	613.10	4.13E-02	-1.45E-01	2.58E-01	-1.13E-01	3.55E-01	9.57E-01	9.47E-02	-1.98E-01	-25.28	4.13E-02	-1.13E-01	
	69.33	-1.08E-07	-7.26E-06	8.21E-06	-8.69E-06	2.73E-05	7.36E-05	1.95E-06	-9.31E-06				
96	708.45	2.40E-01	-3.20E-02	5.24E-01	-5.40E-02	1.86E-01	2.85E-01	2.50E-01	-4.23E-02	-10.84	2.41E-02	1.23E-01	
	55.00	1.18E-06	-9.28E-06	1.21E-05	-4.16E-06	1.43E-05	2.19E-05	1.58E-06	-9.67E-06				
97	613.10	5.63E-01	4.55E-01	8.86E-01	-5.12E-03	1.20E+00	8.08E-02	5.63E-01	4.55E-01	-2.72	4.55E-01	5.12E-03	
	94.00	7.25E-07	-3.42E-06	1.32E-05	-3.94E-07	9.22E-05	6.21E-06	7.34E-07	-3.43E-06				
98	682.27	9.95E-02	-1.30E-01	4.18E-01	-1.10E-01	3.64E-01	5.57E-01	1.44E-01	-1.75E-01	-21.87	-1.73E-01	-1.99E-02	
	112.00	-4.27E-07	-9.27E-06	1.18E-05	-8.46E-06	2.80E-05	4.28E-05	1.27E-06	-1.10E-05				
99	751.43	2.75E-01	-3.49E-01	5.10E-01	-1.26E-01	2.96E-01	2.51E-01	2.99E-01	-3.74E-01	-10.96	-3.49E-01	1.26E-01	
	96.00	5.78E-08	-1.82E-05	1.48E-05	-9.66E-06	2.27E-05	1.93E-05	6.72E-06	-1.92E-05				
100	683.25	2.69E-01	1.04E-01	5.94E-01	-3.45E-02	2.97E-01	-5.39E-02	2.76E-01	9.67E-02	-11.32	2.69E-01	-3.45E-02	

	152.00	-2.74E-07	-6.64E-06	1.22E-05	-2.65E-05	2.28E-05	-4.14E-06	-8.03E-09	-6.90E-06					
101	648.67	7.07E-01	5.50E-01	1.14E+00	-7.49E-02	9.21E-01	1.93E-01	7.36E-01	5.25E-01	-22.34	5.56E-01	7.49E-02		
	192.00	8.47E-07	-4.93E-06	1.73E-05	-5.76E-06	7.11E-05	1.48E-05	2.03E-06	-6.16E-06					
102	725.25	1.60E-01	2.08E-02	5.23E-01	-4.91E-02	2.70E-01	-1.51E-01	1.75E-01	5.83E-03	-17.35	5.67E-02	7.75E-02		
	232.70	-1.58E-06	-6.92E-06	1.24E-05	-3.70E-06	2.07E-05	-1.16E-05	-1.01E-06	-7.50E-06					
103	635.50	-6.49E-02	-3.48E-01	1.34E-01	-8.22E-02	2.24E-01	5.56E-01	-4.28E-02	-3.70E-01	-15.08	-6.49E-02	-8.22E-02		
	256.00	5.67E-07	-1.03E-05	9.21E-06	-6.32E-06	1.73E-05	4.28E-05	1.42E-06	-1.12E-05					
104	635.50	4.19E-01	2.25E-01	7.56E-01	-5.91E-02	8.46E-01	-2.03E-02	4.35E-01	2.08E-01	-15.68	2.25E-01	5.91E-02		
	290.67	7.29E-07	-6.73E-06	1.37E-05	-4.55E-06	6.51E-05	-1.56E-06	1.37E-06	-7.37E-06					
105	569.00	3.11E-01	-8.03E-02	4.19E-01	-2.12E-01	7.03E-02	1.35E-01	4.03E-01	-1.73E-01	-23.64	3.11E-01	-2.12E-01		
	16.50	4.91E-06	-1.02E-05	8.59E-06	-1.63E-05	5.41E-06	1.04E-05	8.38E-06	-1.36E-05					
106	508.50	1.10E+00	7.47E-01	1.09E+00	1.01E-01	3.44E-01	1.21E-01	1.12E+00	7.20E-01	15.03	7.47E-01	-1.01E-01		
	13.00	9.90E-06	-3.49E-06	9.70E-06	7.75E-06	2.64E-05	9.28E-06	1.09E-05	-4.53E-06					
107	521.00	2.07E-01	-8.89E-02	3.52E-01	-7.06E-02	5.17E-02	1.54E-01	2.23E-01	-1.05E-01	-12.76	2.07E-01	-7.06E-02		
	15.75	2.80E-06	-9.58E-06	8.37E-06	-5.43E-06	3.98E-06	1.18E-05	3.41E-06	-9.20E-06					
108	526.25	2.04E-01	-5.53E-02	3.66E-01	-1.00E-01	5.50E-02	1.48E-01	2.39E-01	-8.96E-02	-18.86	2.04E-01	-1.00E-01		
	21.00	2.20E-06	-7.79E-06	8.42E-06	-7.73E-06	4.23E-06	1.14E-05	3.52E-06	-9.10E-06					
109	515.50	8.09E-01	5.60E-01	9.15E-01	-8.24E-03	3.63E-01	1.25E-01	8.10E-01	5.59E-01	-1.89	5.60E-01	8.24E-03		
	26.00	6.03E-06	-3.58E-06	1.01E-05	-6.34E-07	2.79E-05	9.61E-06	6.04E-06	-3.59E-06					
110	531.50	2.16E-01	-1.67E-03	3.91E-01	-8.35E-02	5.20E-02	8.90E-02	2.44E-01	-3.00E-02	-18.75	2.16E-01	-8.35E-02		
	34.50	1.66E-06	-6.71E-06	8.38E-06	-6.43E-06	4.00E-06	6.84E-06	2.75E-06	-7.80E-06					
111	515.50	2.20E-01	5.74E-02	3.79E-01	-8.16E-02	6.92E-02	1.32E+00	2.54E-01	2.35E-02	-22.55	2.20E-01	-8.16E-02		
	44.00	1.26E-06	-5.00E-06	7.34E-06	-6.28E-06	5.32E-06	1.02E-04	2.56E-06	-6.30E-06					
112	515.50	7.01E-01	4.97E-01	8.35E-01	-3.67E-02	3.61E-01	8.86E-02	7.07E-01	4.91E-01	-9.94	4.97E-01	3.67E-02		
	53.33	4.61E-06	-3.21E-06	9.77E-06	-2.83E-06	2.78E-05	6.82E-06	4.96E-06	-3.46E-06					
113	547.50	2.98E-01	4.02E-03	4.56E-01	-1.34E-01	1.19E-01	-7.88E-01	3.49E-01	-4.76E-02	-21.14	-3.13E-02	7.87E-02		
	64.00	3.13E-06	-8.17E-06	9.20E-06	-1.03E-05	9.17E-06	-6.06E-05	5.12E-06	-1.02E-05					
114	515.50	2.68E-01	9.35E-02	4.03E-01	-1.88E-02	9.21E-03	6.18E-01	2.70E-01	9.15E-02	-6.07	2.68E-01	-1.88E-02		
	74.67	1.91E-06	-4.81E-06	7.10E-06	-1.45E-06	7.09E-07	4.75E-05	1.99E-06	-4.89E-06					
115	515.50	8.10E-01	5.51E-01	8.62E-01	-1.18E-02	1.89E-01	6.60E-02	8.11E-01	5.50E-01	-2.60	5.51E-01	1.18E-02		
	88.00	6.74E-06	-3.25E-06	8.73E-06	-9.07E-07	1.45E-05	5.08E-06	6.76E-06	-3.27E-06					
116	547.50	2.49E-01	-1.24E-01	3.49E-01	-1.02E-01	4.25E-02	-8.03E-02	2.75E-01	-1.50E-01	-14.38	-1.50E-01	2.52E-03		
	104.00	4.37E-06	-9.98E-06	8.22E-06	-7.87E-06	3.27E-06	-6.18E-06	5.38E-06	-1.10E-05					
117	515.50	2.22E-01	-1.50E-02	3.29E-01	1.51E-02	3.22E-02	4.88E-01	2.23E-01	-1.59E-02	3.64	2.22E-01	1.51E-02		
	120.00	2.65E-06	-6.46E-06	6.76E-06	1.16E-06	2.48E-06	3.75E-05	2.68E-06	-6.50E-06					
118	515.50	9.60E-01	6.51E-01	9.63E-01	-3.01E-03	2.46E-01	6.34E-02	9.60E-01	6.51E-01	-.56	6.51E-01	3.01E-03		
	136.00	8.65E-06	-3.26E-06	8.75E-06	-2.31E-07	1.89E-05	4.88E-06	8.66E-06	-3.26E-06					
119	547.50	1.59E-01	-3.04E-01	2.42E-01	-1.41E-01	7.26E-02	1.48E-01	1.99E-01	-3.43E-01	-15.72	-3.43E-01	1.59E-02		
	152.00	5.04E-06	-1.27E-05	8.24E-06	-1.09E-05	5.58E-06	1.14E-05	6.57E-06	-1.43E-05					
120	515.50	4.47E-02	-2.64E-01	1.45E-01	1.04E-02	1.29E-01	7.95E-01	4.50E-02	-2.65E-01	1.93	4.47E-02	1.04E-02		
	168.00	2.53E-06	-9.35E-06	6.41E-06	8.02E-07	9.89E-06	6.12E-05	2.55E-06	-9.36E-06					
121	515.50	9.77E-01	6.84E-01	1.01E+00	-3.57E-02	5.13E-01	5.69E-02	9.81E-01	6.79E-01	-6.85	6.84E-01	3.57E-02		
	184.00	8.17E-06	-3.11E-06	9.64E-06	-2.75E-06	3.95E-05	4.38E-06	8.33E-06	-3.27E-06					
122	547.50	2.80E-01	-1.18E-01	3.95E-01	-2.09E-01	2.04E-01	-9.31E-02	3.70E-01	-2.08E-01	-23.20	-1.93E-01	9.08E-02		
	200.00	4.65E-06	-1.07E-05	9.07E-06	-1.61E-05	1.57E-05	-7.17E-06	8.10E-06	-1.41E-05					
123	515.50	-2.28E-01	-5.63E-01	-9.83E-02	-5.01E-02	2.24E-01	1.05E+00	-2.20E-01	-5.70E-01	-8.32	-2.28E-01	-5.01E-02		
	216.00	1.01E-06	-1.19E-05	5.98E-06	-3.85E-06	1.72E-05	8.08E-05	1.29E-06	-1.22E-05					
124	515.50	6.60E-01	5.12E-01	8.38E-01	-7.30E-02	7.83E-01	3.65E-02	6.90E-01	4.82E-01	-22.34	5.12E-01	7.30E-02		
	232.00	3.30E-06	-2.38E-06	1.01E-05	-5.62E-06	6.02E-05	2.65E-06	4.45E-06	-3.54E-06					
125	547.50	7.97E-01	8.22E-01	9.54E-01	-9.90E-02	3.43E-01	-9.96E-01	9.09E-01	7.09E-01	-48.66	7.74E-01	9.33E-02		
	248.00	1.92E-06	2.50E-06	9.54E-06	-7.62E-06	2.64E-05	-7.66E-05	6.25E-06	-1.43E-06					
126	515.50	7.48E-02	-1.31E-01	1.75E-01	-1.03E-01	1.56E-01	6.73E-01	1.18E-01	-1.74E-01	-22.58	7.48E-02	-1.03E-01		
	264.00	1.57E-06	-6.34E-06	5.43E-06	-7.96E-06	1.20E-05	5.18E-05	3.22E-06	-8.00E-06					
127	515.50	8.04E-01	6.17E-01	8.73E-01	-1.25E-01	5.79E-01	-8.37E-04	8.66E-01	5.55E-01	-26.60	6.17E-01	1.25E-01		
	276.00	5.70E-06	-1.48E-06	8.38E-06	-9.59E-06	4.45E-05	-6.44E-08	8.10E-06	-3.88E-06					
128	531.50	4.30E-01	1.92E-01	4.71E-01	-5.97E-02	1.44E-01	-1.13E-02	4.53E-01	1.78E-01	-12.88	4.39E-01	-5.97E-02		
	297.00	4.79E-06	-4.73E-06	5.99E-06	-4.59E-06	1.11E-05	-8.66E-07	5.31E-06	-5.26E-06					
129	515.50	2.21E-01	-4.97E-01	3.00E-02	-1.75E-01	1.74E-01	6.51E-01	2.61E-01	-5.37E-01	-12.96	2.21E-01	-1.75E-01		
	320.00	1.12E-05	-1.64E-05	3.86E-06	-1.34E-05	1.34E-05	5.01E-05	1.28E-05	-1.80E-05					
183	565.50	1.50E-01	-4.38E-01	2.00E-01	-2.64E-01	8.76E-02	4.22E-01	2.51E-01	-5.39E-01	-20.95	1.50E-01	-2.64E-01		
	-8.00	6.74E-06	-1.59E-05	8.67E-06	-2.03E-05	6.74E-06	3.25E-05	1.06E-05	-1.98E-05					

EARTHQUAKE [illegible]YSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 TIME = .2100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1308E+02	-.7807E+02	-.1339E+03	-.1420E+02	-.8555E+02	.3240E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.9368E+00	-.6890E+00	-.6597E+00	-.3258E+01	.1378E+02	.1059E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1383E+01	.2675E+00	-.3576E+00	-.1651E+01	.3258E+02	.1761E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1747E+01	-.3629E+00	-.1955E+00	-.1259E+01	.4910E+02	.2527E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1616E+01	.2189E+00	-.1404E+00	-.1312E+01	.6561E+02	.3306E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2574E+00	.1752E+00	-.1953E+00	-.2191E+01	.8153E+02	.4053E+02
25	-.3941E+01	-.6418E+00	-.1071E+00	-.4458E+01	.8968E+02	.4663E+02
26	.8564E+01	.1344E+01	-.1476E+00	-.4075E+01	.9403E+02	.5111E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.8585E+01	.2278E+01	-.6973E+00	-.2611E+01	.1239E+03	.5419E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.4257E+03	-.6382E+02	-.3861E+01	-.1377E+01	.3091E+03	.7843E+02
40	-.2115E+03	-.2427E+02	-.7094E+01	.1138E+01	.3064E+03	.7389E+02
41	-.4871E+02	.1672E+01	-.6859E+01	.2254E+01	.2785E+03	.6669E+02
42	.9336E+01	.6222E+01	-.3351E+01	-.3333E+00	.2012E+03	.5899E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2825E+03	-.4796E+02	-.1320E+01	.1204E+02	.3117E+03	-.5076E+01
48	-.2631E+03	-.4038E+02	-.1836E+01	-.1610E+02	.2863E+03	-.7057E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.6201E+02	.1199E+02	-.3225E+00	-.5785E+02	.2054E+03	-.9721E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1145E+01	-.8375E+01	.2157E+00	.7742E+01	.3100E+03	-.1623E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

61	.4505E+02	.8236E+01	-.2182E+00	-.5316E+02	.1743E+03	-.9905E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3503E+02	.6931E+01	-.9837E-01	-.5066E+02	.1748E+03	-.9770E+02
66	.2657E+02	.5526E+01	.4014E-01	-.5454E+02	.1743E+03	-.1010E+03
67	-.4638E+01	.8290E+00	.1107E+00	-.5504E+02	.1773E+03	-.1024E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1253E+02	-.5902E-02	.4755E+00	-.5283E+02	.1915E+03	-.6993E+02
76	-.4533E+01	.1315E+01	.5362E+00	-.5504E+02	.1976E+03	-.6190E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3350E+01	.1472E+01	.4603E+00	-.5590E+02	.1952E+03	-.6342E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2698E+01	.1519E+01	.5570E+00	-.5726E+02	.1898E+03	-.5355E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1852E+01	.1602E+01	.4544E+00	-.5570E+02	.1855E+03	-.5475E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.4087E+01	.1205E+01	.4141E+00	-.5684E+02	.1790E+03	-.5343E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4213E+01	.2414E+01	.5039E+00	-.5192E+02	.1761E+03	-.4579E+02
109	-.7416E+01	.5922E+00	.5160E+00	-.5098E+02	.1682E+03	-.4166E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.4439E+01	.2330E+01	.6387E+00	-.3951E+02	.1657E+03	-.2738E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1553E+02	-.7743E+00	.6355E+00	-.3116E+02	.1565E+03	-.1556E+02
115	.2793E+02	.5776E+01	.9386E+00	-.2671E+02	.1542E+03	-.4889E+01
116	.2995E+02	.5962E+01	.1810E+01	-.1817E+02	.1485E+03	.9918E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.3649E+02	.7109E+01	.2203E+01	-.2384E+02	.1447E+03	-.3193E+01
119	.5349E+02	.9414E+01	.3155E+01	-.5701E+01	.1254E+03	.1232E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5105E+02	.3752E+01	.3042E+01	.7125E+01	.8730E+02	.1633E+02
[illegible]	.4117E+02	-.2588E+01	.1773E+01	.338[illegible]	.8044E+02	.3339E+01
[illegible]	.2811E+02	-.2638E+01	.1410E+01	.22[illegible]	.6811E+02	.2361E+01
[illegible]	.1732E+02	-.2056E+01	.9796E+00	[illegible]	.5421E+02	.1575E+01

	.7609E+01	-.2112E+01	.6991E+00	.9[illegible]00	.4289E+02	.6460E+00
126	-.4690E+01	-.3673E+01	.5536E+00	.1195E+00	.3303E+02	.6670E-01
127	-.1294E+02	-.4002E+01	.4785E+00	-.3890E+00	.2513E+02	-.7815E+00
128	-.1974E+02	-.5456E+01	.1961E-01	-.1570E+01	.1036E+02	-.1654E+01
129	-.1738E+02	-.4285E+01	-.4937E+00	-.2018E+01	-.5391E-01	-.2145E+01
130	-.1068E+02	-.2343E+01	-.9073E+00	-.2006E+01	-.6276E+01	-.2091E+01
131	-.2160E+01	-.3250E+00	-.1134E+01	-.1589E+01	-.7360E+01	-.1667E+01
132	.4169E+00	.1969E+00	-.9312E+00	-.2946E+00	-.4541E+01	-.1117E+01
133	.5925E+00	.1490E+00	-.7691E+00	-.6568E+00	-.2492E+01	-.7565E+00
134	.1406E+00	.1959E-01	-.7065E+00	-.4914E+00	-.1585E+01	-.5504E+00
135	-.4198E-01	-.1959E-01	-.7836E+00	-.3724E+00	-.1147E+01	-.4122E+00
136	-.9878E-02	-.1351E-01	-.1027E+01	-.2486E+00	-.7917E+00	-.2880E+00
137	-.1584E-01	-.7004E-02	-.1476E+01	-.1091E+00	-.3846E+00	-.1656E+00
138	.2856E-01	-.1689E-02	-.1116E+02	.1797E-01	.1284E+00	-.1067E+00
139	-.4091E-02	-.7668E-02	-.3277E+02	-.6333E-02	-.7348E-01	.9036E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.41982E-02	.31903E-04	-.44673E-02	.00000E+00
3	.75210E-02	.15449E-03	-.74490E-02	.00000E+00
4	.79494E-02	.18407E-03	-.77302E-02	.00000E+00
5	.83131E-02	-.10208E-03	-.83175E-02	.00000E+00
6	.90982E-02	.26040E-04	-.90925E-02	.15199E-04
7	.86045E-02	.80393E-03	-.88790E-02	.00000E+00
8	.91425E-02	.67546E-03	-.92517E-02	.39433E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.43665E-02	.21060E-03	-.45292E-02	.00000E+00
11	.75216E-02	.50852E-03	-.79630E-02	.00000E+00
12	.80549E-02	.70939E-03	-.86230E-02	.00000E+00
13	.86247E-02	.61671E-03	-.90718E-02	.00000E+00
14	.91708E-02	.98466E-03	-.96916E-02	.85790E-05
15	.85348E-02	.16458E-02	-.10100E-01	.00000E+00
16	.92339E-02	.16463E-02	-.10401E-01	.43310E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.43155E-02	.46528E-03	-.51469E-02	.00000E+00
19	.75667E-02	.11379E-02	-.91340E-02	.00000E+00
20	.80460E-02	.14597E-02	-.99433E-02	.00000E+00
21	.87148E-02	.13391E-02	-.10540E-01	.00000E+00
22	.92925E-02	.18372E-02	-.11382E-01	.76884E-05
23	.87495E-02	.27964E-02	-.12208E-01	.00000E+00
24	.94008E-02	.29034E-02	-.12644E-01	.14573E-04
25	.94726E-02	.31946E-02	-.13409E-01	.50560E-05
26	.95202E-02	.33258E-02	-.13846E-01	.14598E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.39377E-02	.92692E-03	-.59441E-02	.00000E+00
29	.72532E-02	.22202E-02	-.10716E-01	.00000E+00
30	.81217E-02	.28039E-02	-.11736E-01	.00000E+00
31	.90103E-02	.32121E-02	-.13051E-01	.00000E+00
32	.95547E-02	.38261E-02	-.14319E-01	.36433E-04
33	.88512E-02	.40311E-02	-.13363E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.36909E-02	.10878E-02	-.61597E-02	.00000E+00
36	.69968E-02	.27201E-02	-.11338E-01	.00000E+00
37	.80488E-02	.31655E-02	-.12135E-01	.00000E+00
38	.89587E-02	.42766E-02	-.13869E-01	.00000E+00
39	.97956E-02	.53616E-02	-.15221E-01	.10863E-04
40	.97747E-02	.51290E-02	-.15019E-01	.29441E-04
41	.97551E-02	.47525E-02	-.14825E-01	.37500E-04
42	.96571E-02	.42809E-02	-.14591E-01	.40362E-04
43	.70809E-02	.36320E-02	-.13164E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00

45	.26283E-02	.88568E-03	-.64289E-02	.00000E+00
46	.59113E-02	.26051E-02	-.12197E-01	.00000E+00
47	.98062E-02	.53342E-02	-.15316E-01	-.25303E-05
48	.98031E-02	.53351E-02	-.15287E-01	.23002E-05
49	.89008E-02	.42775E-02	-.13876E-01	.00000E+00
50	.96224E-02	.54201E-02	-.15300E-01	-.79219E-05
51	.81485E-02	.43305E-02	-.14512E-01	.00000E+00
52	.94002E-02	.49335E-02	-.15508E-01	.00000E+00
53	.98211E-02	.52188E-02	-.15430E-01	-.93797E-05
54	.64860E-02	.28384E-02	-.13058E-01	.00000E+00
55	.74546E-02	.35909E-02	-.14461E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.20635E-02	.51584E-03	-.57782E-02	.00000E+00
58	.45836E-02	.11105E-02	-.11077E-01	.00000E+00
59	.91015E-02	.44453E-02	-.15986E-01	.00000E+00
60	.90947E-02	.48309E-02	-.15433E-01	.00000E+00
61	.98585E-02	.54411E-02	-.15319E-01	-.15827E-04
62	.56694E-02	.17858E-02	-.13267E-01	.00000E+00
63	.68942E-02	.23984E-02	-.15074E-01	.00000E+00
64	.96020E-02	.50558E-02	-.15624E-01	.00000E+00
65	.99151E-02	.54401E-02	-.15337E-01	-.21612E-04
66	.10070E-01	.54285E-02	-.15371E-01	-.29087E-04
67	.10251E-01	.55402E-02	-.15412E-01	-.29934E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.14638E-02	.17994E-03	-.39657E-02	.00000E+00
70	.45902E-02	.12029E-02	-.12618E-01	.00000E+00
71	.80772E-02	.32175E-02	-.17481E-01	.00000E+00
72	.97383E-02	.50750E-02	-.15853E-01	.00000E+00
73	.57800E-02	.16475E-02	-.15504E-01	.00000E+00
74	.10372E-01	.54372E-02	-.16134E-01	.00000E+00
75	.10419E-01	.55766E-02	-.15443E-01	-.25603E-04
76	.10588E-01	.56552E-02	-.15447E-01	-.20925E-04
77	.71215E-02	.24904E-02	-.17763E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.15286E-02	.24174E-03	-.58964E-02	.00000E+00
80	.39025E-02	.76753E-03	-.12511E-01	.00000E+00
81	.44452E-02	.10451E-02	-.13866E-01	.00000E+00
82	.50990E-02	.15515E-02	-.16065E-01	.00000E+00
83	.91414E-02	.41772E-02	-.19157E-01	.00000E+00
84	.79317E-02	.31255E-02	-.20734E-01	.00000E+00
85	.11007E-01	.57526E-02	-.15486E-01	-.17957E-04
86	.10717E-01	.56621E-02	-.15986E-01	.00000E+00
87	.69035E-02	.22774E-02	-.18482E-01	.00000E+00
88	.10351E-01	.51415E-02	-.17908E-01	.00000E+00
89	.11267E-01	.58529E-02	-.15477E-01	-.15905E-04
90	.46390E-02	.23155E-03	-.12548E-01	.00000E+00
91	.52637E-02	.45266E-03	-.13627E-01	.00000E+00
92	.61316E-02	.90375E-03	-.14502E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.18266E-02	.00000E+00	-.54869E-02	.00000E+00
95	.34833E-02	.00000E+00	-.99559E-02	.00000E+00
96	.41093E-02	.00000E+00	-.11268E-01	.00000E+00
97	.43349E-02	.00000E+00	-.11457E-01	.00000E+00
98	.42551E-02	.00000E+00	-.11306E-01	.00000E+00
99	.48238E-02	.22368E-03	-.12069E-01	.00000E+00
100	.71708E-02	.14804E-02	-.15980E-01	.00000E+00
101	.92900E-02	.35654E-02	-.21654E-01	.00000E+00
102	.11630E-01	.60065E-02	-.15485E-01	-.13229E-04
103	.97587E-02	.47341E-02	-.20829E-01	.00000E+00
104	.11396E-01	.60388E-02	-.16224E-01	.00000E+00
105	.11899E-01	.61303E-02	-.15433E-01	-.99803E-05
106	.10511E-01	.56124E-02	-.20747E-01	.00000E+00
10[illegible]	.11723E-01	.63767E-02	-.16570E-01	[illegible]0000E+00
[illegible]	.12133E-01	.62676E-02	-.15394E-01	[illegible]940E-05

110	.12351E-01	.63721E-02	-.15271E-01	[illegible]549E-05
110	.11963E-01	.70556E-02	-.20943E-01	.00000E+00
111	.12353E-01	.68573E-02	-.17065E-01	.00000E+00
112	.12644E-01	.64244E-02	-.15167E-01	-.74971E-05
113	.12195E-01	.69367E-02	-.19312E-01	.00000E+00
114	.12673E-01	.65491E-02	-.14938E-01	-.16097E-05
115	.12662E-01	.66316E-02	-.14744E-01	-.66328E-06
116	.12726E-01	.66495E-02	-.14417E-01	-.29617E-05
117	.12465E-01	.69725E-02	-.16481E-01	.00000E+00
118	.12760E-01	.66710E-02	-.14274E-01	-.30528E-05
119	.12852E-01	.67033E-02	-.14028E-01	-.68714E-05
120	.12405E-01	.72548E-02	-.15700E-01	.00000E+00
121	.13084E-01	.66318E-02	-.13660E-01	-.11724E-04
122	.13107E-01	.67739E-02	-.13626E-01	-.12656E-04
123	.13138E-01	.68519E-02	-.13586E-01	-.13127E-04
124	.13170E-01	.69319E-02	-.13546E-01	-.13314E-04
125	.13207E-01	.70114E-02	-.13501E-01	-.12927E-04
126	.13264E-01	.71316E-02	-.13426E-01	-.10696E-04
127	.13307E-01	.72235E-02	-.13351E-01	-.74098E-05
128	.13338E-01	.72994E-02	-.13197E-01	.71385E-06
129	.13294E-01	.72005E-02	-.13053E-01	.80548E-05
130	.13170E-01	.68945E-02	-.12895E-01	.14940E-04
131	.12899E-01	.60970E-02	-.12657E-01	.19250E-04
132	.12616E-01	.51981E-02	-.12455E-01	.20022E-04
133	.12384E-01	.43083E-02	-.12280E-01	.19080E-04
134	.12210E-01	.34706E-02	-.12143E-01	.18089E-04
135	.12076E-01	.26498E-02	-.12036E-01	.18219E-04
136	.11976E-01	.18198E-02	-.11957E-01	.18325E-04
137	.11918E-01	.10011E-02	-.11913E-01	.18528E-04
138	.11979E-01	.14632E-03	-.11880E-01	.18236E-04
139	.11879E-01	.18326E-04	-.11879E-01	.18317E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.19E-02	4.97E-02	-1.40E-02	5.30E-01	1.41E-02	-5.59E-01	5.71E-01	-4.90E-01	45.45	3.19E-02	5.30E-01
	-303.00	5.84E-07	1.35E-06	-1.50E-06	4.82E-05	1.29E-06	-5.08E-05	2.51E-05	-2.31E-05			
2	72.00	1.91E-02	5.76E-02	-5.50E-02	4.16E-01	8.61E-03	-4.27E-01	4.55E-01	-3.78E-01	46.32	1.91E-02	4.16E-01
	-213.00	5.86E-07	2.34E-06	-2.78E-06	3.78E-05	7.83E-07	-3.88E-05	2.04E-05	-1.75E-05			
3	72.00	9.42E-03	7.77E-02	-1.17E-01	2.44E-01	-5.26E-02	-2.91E-01	2.89E-01	-2.02E-01	48.99	9.42E-03	2.44E-01
	-138.00	3.68E-07	1.92E-06	-2.49E-06	1.11E-05	-2.39E-06	-1.32E-05	6.73E-06	-4.44E-06			
4	24.00	8.32E-01	7.47E-01	9.64E-01	4.63E-01	-2.20E-01	-6.03E-01	1.25E+00	3.25E-01	42.39	8.32E-01	4.63E-01
	-68.00	4.05E-06	7.92E-07	9.14E-06	3.56E-05	-1.69E-05	-4.64E-05	2.03E-05	-1.55E-05			
5	72.00	-4.71E-01	-3.48E-01	-6.15E-01	2.65E-01	-3.55E-02	-2.11E-01	-1.38E-01	-6.82E-01	51.51	-3.48E-01	-2.65E-01
	-88.00	-2.35E-06	2.36E-06	-7.89E-06	2.04E-05	-2.73E-06	-1.63E-05	1.05E-05	-1.05E-05			
6	120.00	-3.03E-01	-3.50E-01	-4.33E-01	3.32E-01	2.67E-02	-3.27E-01	6.66E-03	-6.59E-01	42.99	-3.81E-03	-8.28E-02
	-68.00	2.80E-07	-1.51E-06	-4.73E-06	2.56E-05	2.06E-06	-2.51E-05	1.22E-05	-1.34E-05			
7	36.25	4.10E-02	-2.21E-02	-8.84E-02	2.89E-01	-3.11E-02	-2.54E-01	3.01E-01	-2.82E-01	41.89	3.11E-02	2.90E-01
	-19.00	2.34E-06	-8.82E-08	-2.64E-06	2.23E-05	-2.39E-06	-1.95E-05	1.23E-05	-1.01E-05			
8	108.00	-2.86E-02	1.65E-02	-1.19E-01	1.32E-01	-1.65E-02	-2.04E-01	1.28E-01	-1.40E-01	49.84	-2.86E-02	1.32E-01
	-19.00	3.37E-07	2.07E-06	-3.13E-06	1.02E-05	-1.27E-06	-1.57E-05	6.37E-06	-3.96E-06			
9	216.00	1.03E-01	1.89E-01	8.15E-02	5.40E-01	-1.09E-02	-6.00E-01	6.88E-01	-3.96E-01	47.29	1.03E-01	5.40E-01
	-303.00	-1.77E-07	3.75E-06	-1.15E-06	4.91E-05	-9.94E-07	-5.45E-05	2.64E-05	-2.28E-05			
10	216.00	8.30E-02	2.02E-01	6.97E-03	4.25E-01	-3.01E-02	-4.83E-01	5.72E-01	-2.87E-01	48.96	8.30E-02	4.25E-01
	-213.00	-2.01E-06	5.39E-06	-3.48E-06	3.87E-05	-2.74E-06	-4.39E-05	2.22E-05	-1.68E-05			
11	216.00	-1.47E-02	1.75E-01	-2.48E-01	2.92E-01	-7.64E-02	-3.67E-01	3.87E-01	-2.27E-01	54.01	-1.47E-02	2.92E-01
	-138.00	1.26E-07	4.44E-06	-5.18E-06	1.33E-05	-3.47E-06	-1.67E-05	9.26E-06	-4.69E-06			
12	168.00	3.78E-01	7.36E-01	3.22E-01	5.37E-01	-1.42E-01	-5.69E-01	1.12E+00	-9.16E-03	54.22	3.78E-01	5.37E-01
	-68.00	-1.25E-06	1.25E-05	-3.38E-06	4.13E-05	-1.05E-05	-4.38E-05	2.74E-05	-1.61E-05			
13	216.00	-5.02E-01	-2.66E-01	-6.39E-01	2.90E-01	-1.10E-01	-1.40E-01	-1.01E-01	-6.98E-01	55.09	-2.96E-01	-2.80E-01

	-88.00	-3.52E-06	4.40E-06	-8.73E-06	2.16E-05	-4.46E-06	-1.07E-05	1.19E-05	-1.10E-05				
14	264.00	-2.52E-01	-3.44E-01	-5.04E-01	3.40E-01	1.41E-02	-3.65E-01	4.08E-02	-6.47E-01	40.74	2.22E-02	-1.11E-01	
	-68.00	2.40E-06	-1.42E-06	-7.19E-06	2.62E-05	1.08E-06	-2.81E-05	1.38E-05	-1.27E-05				
15	180.00	-1.17E-01	-2.93E-02	-2.46E-01	2.92E-01	-9.61E-02	-1.92E-01	2.22E-01	-3.66E-01	49.26	-1.17E-01	2.92E-01	
	-10.00	-1.87E-07	3.18E-06	-5.14E-06	2.25E-05	-6.93E-06	-1.47E-05	1.29E-05	-9.87E-06				
16	252.00	9.87E-03	7.85E-02	-2.05E-01	1.33E-01	-4.24E-02	-2.11E-01	1.81E-01	-9.26E-02	52.26	9.87E-03	1.33E-01	
	-10.00	1.66E-06	4.30E-06	-6.59E-06	1.02E-05	-3.26E-06	-1.63E-05	8.25E-06	-2.29E-06				
17	361.00	1.69E-01	3.67E-01	1.54E-01	5.22E-01	-8.41E-03	-6.88E-01	7.99E-01	-2.63E-01	50.39	1.68E-01	5.22E-01	
	-303.00	-1.29E-06	7.73E-06	-1.97E-05	4.74E-05	-7.65E-07	-6.26E-05	2.74E-05	-2.09E-05				
18	361.00	8.46E-02	3.77E-01	1.68E-02	4.59E-01	-2.97E-02	-5.71E-01	7.13E-01	-2.51E-01	53.82	8.46E-02	4.59E-01	
	-213.00	-2.37E-06	1.09E-05	-5.45E-06	4.18E-05	-2.70E-06	-5.19E-05	2.42E-05	-1.76E-05				
19	361.00	-5.18E-02	3.20E-01	-3.37E-01	4.29E-01	-9.36E-02	-4.52E-01	6.02E-01	-3.34E-01	56.70	-5.18E-02	4.29E-01	
	-138.00	-8.14E-07	7.63E-06	-7.30E-06	1.95E-05	-4.26E-06	-2.05E-05	1.40E-05	-7.22E-06				
20	312.00	6.44E-01	1.09E+00	4.73E-01	7.05E-01	-2.22E-01	-8.10E-01	1.61E+00	1.28E-01	53.84	6.44E-01	7.05E-01	
	-68.00	4.67E-07	1.78E-05	-6.08E-06	5.42E-05	-1.71E-05	-6.23E-05	3.76E-05	-1.94E-05				
21	360.67	-7.69E-01	-6.81E-01	-9.45E-01	4.41E-01	-1.47E-01	-2.59E-01	-2.82E-01	-1.17E+00	47.84	-6.81E-01	-4.41E-01	
	-88.00	-3.26E-06	1.17E-07	-1.00E-05	3.39E-05	-1.13E-05	-1.99E-05	1.55E-05	-1.86E-05				
22	409.33	5.18E-01	7.76E-01	1.96E-01	5.94E-01	-3.33E-02	-7.61E-01	1.25E+00	3.93E-02	51.14	1.25E+00	3.73E-03	
	-68.00	3.54E-06	1.35E-05	-8.83E-06	4.57E-05	-2.56E-06	-5.85E-05	3.19E-05	-1.49E-05				
23	324.00	-1.23E-01	-3.50E-02	-3.61E-01	3.57E-01	-1.58E-01	-2.31E-01	2.80E-01	-4.38E-01	48.50	-1.23E-01	3.57E-01	
	-10.00	9.86E-07	4.35E-06	-8.19E-06	2.74E-05	-1.22E-05	-1.78E-05	1.65E-05	-1.11E-05				
24	372.00	4.15E-02	1.75E-01	-2.52E-01	5.96E-01	-1.55E-01	-5.62E-01	7.08E-01	-4.92E-01	48.18	4.15E-02	5.96E-01	
	-9.33	1.99E-06	7.11E-06	-9.30E-06	4.58E-05	-1.19E-05	-4.33E-05	2.76E-05	-1.85E-05				
25	401.25	-7.98E-02	-7.08E-02	-4.18E-01	2.11E-01	-7.36E-02	-2.96E-01	1.36E-01	-2.87E-01	45.62	-2.67E-01	8.96E-02	
	-10.00	3.17E-06	3.52E-06	-9.82E-06	1.62E-05	-5.66E-06	-2.27E-05	1.15E-05	-4.78E-06				
26	427.67	8.62E-01	1.41E+00	5.66E-01	7.02E-01	-2.01E-01	-8.44E-01	1.89E+00	3.83E-01	55.73	1.33E+00	7.29E-01	
	-9.33	1.92E-06	2.31E-05	-9.45E-06	5.40E-05	-1.54E-05	-6.50E-05	4.15E-05	-1.65E-05				
27	457.00	2.08E-01	5.13E-01	2.13E-01	4.85E-01	1.15E-03	-7.52E-01	8.69E-01	-1.49E-01	53.73	2.08E-01	4.85E-01	
	-303.00	-2.68E-06	1.12E-05	-2.45E-06	4.41E-05	1.04E-07	-6.83E-05	2.74E-05	-1.85E-05				
28	457.00	5.85E-02	5.36E-01	3.11E-02	4.84E-01	-2.63E-02	-6.50E-01	8.37E-01	-2.42E-01	58.15	5.85E-02	4.84E-01	
	-213.00	-5.47E-06	1.63E-05	-6.72E-06	4.40E-05	-2.39E-06	-5.91E-05	2.99E-05	-1.91E-05				
29	457.00	-2.72E-01	2.62E-01	-4.88E-01	5.58E-01	-5.76E-02	-4.66E-01	6.14E-01	-6.24E-01	57.80	-2.72E-01	5.58E-01	
	-138.00	-3.58E-06	8.58E-06	-8.48E-06	2.54E-05	-2.62E-06	-2.11E-05	1.66E-05	-1.16E-05				
30	442.00	8.29E-01	1.89E+00	7.89E-01	9.87E-01	-6.26E-02	-1.00E+00	2.48E+00	2.38E-01	59.10	8.29E-01	9.87E-01	
	-68.00	-6.63E-06	3.41E-05	-8.18E-06	7.59E-05	-4.82E-06	-7.73E-05	5.68E-05	-2.93E-05				
31	457.33	-9.44E-01	1.56E-01	-6.41E-01	2.25E-01	2.38E-01	-4.91E-01	2.00E-01	-9.88E-01	78.87	1.56E-01	-2.25E-01	
	-88.00	-2.06E-05	2.17E-05	-8.93E-06	1.73E-05	1.83E-05	-3.78E-05	2.34E-05	-2.23E-05				
32	472.67	2.61E+00	3.82E+00	2.26E+00	7.13E-01	-1.99E-01	-1.11E+00	4.15E+00	2.28E+00	65.16	3.21E+00	9.36E-01	
	-68.00	4.89E-06	5.15E-05	-8.64E-06	5.49E-05	-1.53E-05	-8.56E-05	6.42E-05	-7.81E-06				
33	443.00	9.69E-02	3.81E-01	-1.84E-01	6.30E-01	-1.09E-01	-4.23E-01	8.85E-01	-4.06E-01	51.36	9.69E-02	6.30E-01	
	-10.50	4.88E-07	1.14E-05	-1.03E-05	4.84E-05	-8.40E-06	-3.25E-05	3.08E-05	-1.89E-05				
34	454.00	2.38E+00	2.77E+00	1.70E+00	1.21E+00	-2.92E-01	-1.12E+00	3.80E+00	1.35E+00	49.62	2.89E+00	1.18E+00	
	-11.33	1.62E-05	3.13E-05	-9.94E-06	9.29E-05	-2.24E-05	-8.58E-05	7.09E-05	-2.33E-05				
35	461.67	2.08E+00	3.25E+00	1.78E+00	1.10E+00	-1.02E-01	-1.22E+00	3.92E+00	1.42E+00	59.05	2.08E+00	1.10E+00	
	-12.00	1.78E-06	4.71E-05	-9.77E-06	8.48E-05	-7.82E-06	-9.36E-05	7.25E-05	-2.37E-05				
36	460.00	-1.45E+00	-1.20E-01	-1.01E+00	8.11E-02	1.81E-01	-5.26E-01	-1.15E-01	-1.45E+00	86.51	-1.20E-01	-8.11E-02	
	-30.00	-2.73E-05	2.37E-05	-1.05E-05	6.24E-06	1.40E-05	-4.05E-05	2.39E-05	-2.75E-05				
37	476.33	2.52E+00	3.93E+00	2.20E+00	8.74E-01	-1.05E-01	-1.03E+00	4.34E+00	2.10E+00	64.40	2.92E+00	1.08E+00	
	-12.00	1.90E-06	5.60E-05	-1.04E-05	6.72E-05	-8.05E-06	-7.92E-05	7.21E-05	-1.42E-05				
38	558.50	1.36E-01	4.52E-01	1.49E-01	3.79E-01	2.14E-02	-7.79E-01	7.04E-01	-1.17E-01	56.30	1.36E-01	3.79E-01	
	-303.00	-3.38E-06	1.10E-05	-2.81E-06	3.45E-05	1.95E-06	-7.08E-05	2.25E-05	-1.49E-05				
39	558.50	3.48E-02	5.95E-01	1.89E-02	3.92E-01	4.37E-02	-7.05E-01	7.96E-01	-1.67E-01	62.78	3.48E-02	3.92E-01	
	-213.00	-6.84E-06	1.86E-05	-7.56E-06	3.56E-05	3.97E-06	-6.41E-05	2.78E-05	-1.60E-05				
40	506.17	-2.41E-01	1.62E+00	-7.59E-02	9.33E-01	-9.96E-02	-1.37E+00	2.01E+00	-6.28E-01	67.49	-2.41E-01	9.33E-01	
	-128.00	-1.23E-05	3.00E-05	-8.58E-06	4.24E-05	-4.53E-06	-6.24E-05	3.88E-05	-2.11E-05				
41	558.50	-1.16E+00	9.03E-01	-7.22E-01	4.67E-01	1.42E-01	-6.34E-01	1.00E+00	-1.26E+00	77.83	9.03E-01	-4.67E-01	
	-148.00	-2.13E-05	2.57E-05	-1.13E-05	2.12E-05	6.46E-06	-2.88E-05	2.80E-05	-2.36E-05				
42	610.83	-3.57E-02	1.48E+00	-1.55E-01	6.45E-01	2.56E-01	-1.08E+00	1.72E+00	-2.73E-01	69.82	1.54E+00	5.63E-01	
	-128.00	-7.58E-06	2.69E-05	-1.03E-05	2.93E-05	1.16E-05	-4.90E-05	3.23E-05	-1.30E-05				
43	501.38	-4.98E-01	2.39E-01	-4.68E-01	2.65E-01	1.66E-02	-4.34E-01	3.24E-01	-5.83E-01	72.15	-4.98E-01	2.65E-01	
	-78.00	-1.12E-05	1.72E-05	-1.00E-05	2.04E-05	1.28E-06	-3.34E-05	2.04E-05	-1.44E-05				
44	534.6[illegible]	[illegible]3.58E-01	1.52E+00	3.3[illegible]E-01	8.67E-01	3.23E-02	[illegible]37E-01	1.98E+00	-1.05E-01	61.88	1.89E+00	4.20E[illegible]	
	-68.[illegible]	[illegible].05E-05	3.40E-05	-1.14E-05	6.67E-05	2.49E-06	[illegible]E-05	5.19E-05	-2.83E-05				
45	58[illegible]	[illegible].55E-02	7.62E-01	-9.61E-02	4.21E-01	1.44E-01	[illegible]E-01	9.40E-01	-2.34E-01	67.07	-5.55E-02	4.2[illegible]	

	-68.00	[illegible]-06	2.26E-05	-1.04E-05	3.24E-05	1.11E-05	[illegible]-05	2.94E-05	-1.57E-05				
46	610.83	-8.68E-01	7.65E-01	-4.33E-01	1.91E-01	4.07E-01	-6.93E-01	7.87E-01	-8.90E-01	83.42	7.65E-01	-1.91E-0[illegible]	
	-88.00	-2.75E-05	3.53E-05	-1.09E-05	1.47E-05	3.13E-05	-5.33E-05	3.62E-05	-2.83E-05				
47	482.63	1.93E-01	9.26E-01	1.50E-02	2.45E-01	5.24E-02	-4.63E-01	9.09E-01	1.09E-01	71.12	1.93E-01	2.45E-01	
	-21.00	-3.23E-06	2.64E-05	-1.03E-05	1.88E-05	4.03E-06	-3.56E-05	2.36E-05	-7.16E-06				
48	485.83	2.73E+00	4.31E+00	2.44E+00	6.50E-01	1.60E-02	-1.15E+00	4.54E+00	2.50E+00	70.25	2.82E+00	7.46E-01	
	-12.00	8.42E-07	6.15E-05	-1.02E-05	5.00E-05	1.39E-06	-6.84E-05	7.05E-05	-8.12E-06				
49	507.88	-1.52E-01	4.97E-01	-2.65E-01	2.39E-01	2.63E-02	-4.72E-01	5.75E-01	-2.31E-01	71.82	-1.52E-01	2.39E-01	
	-21.00	-6.73E-06	1.82E-05	-1.11E-05	1.84E-05	2.03E-06	-3.63E-05	2.12E-05	-9.75E-06				
50	538.67	1.71E-01	1.49E+00	2.30E-01	7.77E-01	2.00E-01	-7.35E-01	1.84E+00	-1.93E-01	65.04	1.66E+00	5.76E-01	
	-10.00	-1.41E-05	3.62E-05	-1.18E-05	5.98E-05	1.54E-05	-5.66E-05	5.02E-05	-2.60E-05				
51	484.67	-5.15E-01	-2.87E-01	-7.35E-01	-9.81E-02	-1.52E-01	-1.71E-01	-2.51E-01	-5.51E-01	-69.62	-2.87E-01	9.81E-02	
	8.00	-2.91E-06	5.84E-06	-1.14E-05	-7.55E-06	-1.17E-05	-1.31E-05	7.25E-06	-4.31E-06				
52	507.00	-6.54E-01	-4.67E-01	-9.56E-01	-3.17E-01	8.23E-02	9.65E-02	-2.30E-01	-8.91E-01	-53.23	-8.83E-01	-7.45E-02	
	9.00	-3.44E-06	3.77E-06	-1.12E-05	-2.44E-05	6.33E-06	7.42E-06	1.29E-05	-1.25E-05				
53	603.00	-2.79E-01	1.74E-01	-4.43E-01	1.85E-01	9.02E-02	-3.48E-01	2.40E-01	-3.45E-01	70.35	-3.45E-01	3.70E-03	
	-18.00	-4.71E-06	1.27E-05	-1.10E-05	1.43E-05	6.94E-06	-2.68E-05	1.53E-05	-7.25E-06				
54	712.00	1.03E-01	3.16E-01	8.61E-02	2.73E-01	5.29E-02	-7.51E-01	5.02E-01	-8.46E-02	55.65	1.03E-01	2.73E-01	
	-309.00	-1.88E-06	7.80E-06	-2.64E-06	2.48E-05	4.81E-06	-6.83E-05	1.63E-05	-1.04E-05				
55	712.00	-1.65E-01	2.57E-01	-1.83E-01	2.86E-01	1.43E-01	-6.96E-01	4.01E-01	-3.09E-01	63.18	-1.65E-01	2.86E-01	
	-213.00	-6.31E-06	1.28E-05	-7.13E-06	2.60E-05	1.30E-05	-6.33E-05	1.94E-05	-1.25E-05				
56	712.00	-5.96E-01	7.34E-02	-6.98E-01	1.13E-01	2.75E-01	-6.24E-01	9.20E-02	-6.15E-01	80.66	-5.96E-01	1.13E-01	
	-138.00	-7.15E-06	8.07E-06	-9.46E-06	5.15E-06	1.25E-05	-2.84E-05	8.50E-06	-7.57E-06				
57	712.00	-3.28E-01	7.37E-02	-4.77E-01	1.38E-01	9.83E-02	-3.96E-01	1.16E-01	-3.71E-01	72.79	-3.28E-01	1.38E-01	
	-78.00	-4.59E-06	1.09E-05	-1.03E-05	1.06E-05	7.56E-06	-3.05E-05	1.25E-05	-6.23E-06				
58	712.00	-2.61E-01	2.38E-01	-4.11E-01	2.02E-01	5.23E-02	-4.88E-01	3.10E-01	-3.33E-01	70.55	-2.61E-01	2.02E-01	
	-18.00	-5.28E-06	1.39E-05	-1.11E-05	1.55E-05	4.02E-06	-3.76E-05	1.67E-05	-8.02E-06				
59	837.00	-6.55E-01	-2.26E-01	-3.53E-01	2.14E-01	4.24E-01	-7.06E-01	-1.38E-01	-7.44E-01	67.51	-2.26E-01	-2.14E-01	
	-318.00	-1.38E-05	5.74E-06	.00E+00	1.95E-05	3.85E-05	-6.42E-05	9.78E-06	-1.78E-05				
60	887.00	1.64E-01	4.66E-01	2.52E-01	5.85E-01	1.33E-01	-1.68E+00	9.19E-01	-2.90E-01	52.23	9.02E-01	-1.42E-01	
	-288.00	-4.00E-06	9.72E-06	.00E+00	5.32E-05	1.21E-05	-1.52E-04	3.03E-05	-2.46E-05				
61	987.00	3.22E-01	4.59E-01	3.12E-01	5.49E-01	-1.42E-01	-1.69E+00	9.44E-01	-1.63E-01	48.56	3.22E-01	5.49E-01	
	-288.00	4.32E-07	6.66E-06	.00E+00	4.99E-05	-1.29E-05	-1.54E-04	2.87E-05	-2.16E-05				
62	1037.00	-4.36E-01	-9.38E-02	-2.12E-01	3.56E-01	4.32E-01	-1.44E+00	1.30E-01	-6.66E-01	57.84	-9.38E-02	-3.56E-01	
	-318.00	-1.02E-05	5.37E-06	.00E+00	3.24E-05	3.93E-05	-1.31E-04	1.55E-05	-2.04E-05				
63	862.00	2.67E-04	2.41E-01	-8.85E-02	3.36E-01	7.61E-02	-8.62E-01	4.78E-01	-2.36E-01	54.87	2.67E-04	3.36E-01	
	-213.00	-1.98E-06	8.99E-06	-6.01E-06	3.06E-05	6.92E-06	-7.84E-05	1.97E-05	-1.27E-05				
64	1012.00	-1.37E-02	2.21E-01	-9.58E-02	3.22E-01	-3.00E-03	-9.39E-01	4.47E-01	-2.39E-01	55.01	-1.37E-02	3.22E-01	
	-213.00	-2.08E-06	8.61E-06	-5.81E-06	2.93E-05	-2.73E-07	-8.54E-05	1.89E-05	-1.23E-05				
65	837.00	-4.92E-01	3.16E-01	-6.02E-01	3.40E-01	-1.46E-01	-8.35E-01	4.39E-01	-6.16E-01	69.97	3.16E-01	-3.40E-01	
	-148.00	-7.11E-06	1.13E-05	-9.59E-06	1.54E-05	-6.61E-06	-3.79E-05	1.41E-05	-9.92E-06				
66	937.00	-2.46E-01	4.01E-01	-4.44E-01	4.59E-01	1.45E-01	-1.07E+00	6.39E-01	-4.85E-01	62.58	6.28E-01	-1.10E-01	
	-128.00	-4.08E-06	1.06E-05	-8.57E-06	2.09E-05	6.57E-06	-4.87E-05	1.60E-05	-9.50E-06				
67	1037.00	-7.14E-01	5.75E-01	-5.16E-01	4.82E-01	4.13E-01	-1.05E+00	7.35E-01	-8.74E-01	71.61	5.75E-01	-4.82E-01	
	-148.00	-1.28E-05	1.65E-05	-8.30E-06	2.19E-05	1.88E-05	-4.77E-05	2.01E-05	-1.64E-05				
68	837.00	-1.09E-01	5.55E-01	-1.52E-01	4.90E-01	8.08E-02	-1.30E+00	8.14E-01	-3.69E-01	62.07	-1.09E-01	4.90E-01	
	-68.00	-7.43E-06	1.81E-05	-9.08E-06	3.77E-05	6.21E-06	-9.96E-05	2.81E-05	-1.74E-05				
69	937.00	-7.23E-01	-3.84E-03	-6.57E-01	3.44E-01	1.50E-01	-5.47E-01	1.34E-01	-8.61E-01	68.16	-3.84E-03	-3.44E-01	
	-88.00	-1.26E-05	1.51E-05	-1.01E-05	2.64E-05	1.15E-05	-4.20E-05	2.04E-05	-1.79E-05				
70	1037.00	5.73E-01	1.39E+00	4.55E-01	5.64E-01	6.94E-02	-1.32E+00	1.68E+00	2.86E-01	62.97	1.67E+00	-1.26E-01	
	-68.00	-4.54E-06	2.69E-05	-9.08E-06	4.34E-05	5.34E-06	-1.02E-04	3.80E-05	-1.56E-05				
71	862.00	-3.90E-01	1.49E-01	-4.97E-01	2.09E-01	1.12E-01	-5.42E-01	2.21E-01	-4.62E-01	71.09	-3.90E-01	2.09E-01	
	-18.00	-6.30E-06	1.38E-05	-1.10E-05	1.61E-05	8.64E-06	-4.17E-05	1.66E-05	-9.66E-06				
72	1012.00	-1.05E-01	3.13E-01	-3.03E-01	3.27E-01	8.23E-02	-5.32E-01	4.92E-01	-2.85E-01	61.27	-1.05E-01	3.27E-01	
	-18.00	-2.00E-06	1.31E-05	-1.06E-05	2.52E-05	6.33E-06	-4.09E-05	2.00E-05	-9.90E-06				
73	1387.00	1.18E-02	3.59E-02	-2.55E-02	2.03E-01	1.97E-02	-6.96E-01	2.27E-01	-1.79E-01	46.70	1.18E-02	2.03E-01	
	-303.00	2.46E-07	1.34E-06	-1.45E-06	1.84E-05	1.79E-06	-6.33E-05	1.00E-05	-8.44E-06				
74	1387.00	-6.14E-02	5.07E-03	-1.51E-01	2.37E-01	7.30E-02	-6.79E-01	2.11E-01	-2.68E-01	48.99	-6.14E-02	2.37E-01	
	-213.00	-1.01E-07	2.02E-06	-4.17E-06	2.16E-05	6.64E-06	-6.18E-05	1.23E-05	-9.47E-06				
75	1387.00	-1.60E-01	-3.10E-02	-3.84E-01	1.81E-01	2.20E-01	-4.96E-01	9.66E-02	-2.88E-01	54.84	-1.60E-01	1.81E-01	
	-138.00	-6.29E-07	2.31E-06	-5.71E-06	8.23E-06	1.00E-05	-2.26E-05	5.21E-06	-3.53E-06				
76	1187.00	-3.59E-01	-2.33E-01	-5.26E-01	2.68E-01	2.56E-01	-6.79E-01	-2.09E-02	-5.72E-01	51.63	-3.59E-01	2.68E-01	
	-68.00	-1.53E-06	3.32E-06	-7.94E-06	2.06E-05	1.97E-05	-5.22E-05	1.15E-05	-9.70E-06				
77	1387.00	-1.24E-01	7.90E-02	-2.06E-01	1.22E-01	2.07E-01	-4.16E-01	1.36E-01	-1.81E-01	64.87	7.90E-02	-1.22E-01	

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	-8E.00	-2.00E-06	5.79E-06	-5.16E-06	9.37E-06	1.60E-05	-3.20E-05	7.90E-06	-4.20E-06				
78	1587.00	-1.13E-01	1.37E-02	-2.04E-01	2.02E-01	1.06E-01	-3.59E-01	1.63E-01	-2.62E-01	53.69	8.67E-02	-1.63E-01	
	-68.00	-1.01E-06	3.86E-06	-4.51E-06	1.56E-05	9.15E-06	-2.76E-05	9.58E-06	-6.74E-06				
79	1237.00	-2.71E-01	2.56E-02	-3.04E-01	1.95E-01	2.83E-01	-3.91E-01	1.22E-01	-3.67E-01	63.61	-2.71E-01	1.95E-01	
	-18.00	-3.50E-06	7.80E-06	-7.95E-06	1.50E-05	2.18E-05	-3.00E-05	1.16E-05	-7.22E-06				
80	1433.80	-1.55E-01	1.15E-01	-2.17E-01	2.90E-01	2.16E-01	-3.66E-01	2.59E-01	-3.35E-01	57.48	-1.55E-01	2.90E-01	
	-8.00	-3.13E-06	7.24E-06	-5.52E-06	2.23E-05	1.66E-05	-2.81E-05	1.43E-05	-1.02E-05				
81	1533.80	-2.55E-01	-2.40E-02	-2.81E-01	1.22E-01	1.81E-01	-1.80E-01	2.82E-02	-3.07E-01	66.77	-2.40E-02	-1.22E-01	
	-28.00	-3.66E-06	5.23E-06	-4.64E-06	9.35E-06	1.40E-05	-1.38E-05	7.23E-06	-5.66E-06				
82	1533.80	-3.11E-01	-1.21E-01	-3.31E-01	5.31E-02	1.19E-01	-6.72E-02	-1.07E-01	-3.22E-01	75.37	-1.10E-01	2.25E-02	
	-8.00	-3.56E-06	3.73E-06	-4.36E-06	4.08E-06	9.14E-06	-5.17E-06	4.26E-06	-4.10E-06				
83	1433.80	-5.77E-01	-3.21E-01	-7.03E-01	1.36E-01	5.80E-01	-2.45E-01	-2.94E-01	-1.06E+00	78.76	-3.21E-01	-1.36E-01	
	27.60	-1.56E-05	9.64E-06	-5.05E-06	1.04E-05	4.46E-05	-1.89E-05	1.07E-05	-1.66E-05				
84	1296.10	-3.77E-01	3.30E-02	-3.98E-01	2.14E-01	3.05E-01	-2.65E-01	1.25E-01	-4.68E-01	66.90	-1.11E-01	-2.91E-01	
	40.70	-6.36E-06	9.44E-06	-7.16E-06	1.65E-05	2.35E-05	-2.04E-05	1.30E-05	-9.87E-06				
85	1148.60	-2.68E-01	3.15E-02	-4.62E-01	3.44E-01	3.46E-01	-2.46E-01	2.57E-01	-4.93E-01	56.77	1.73E-01	2.37E-01	
	87.33	-2.64E-06	8.89E-06	-1.01E-05	2.65E-05	2.66E-05	-1.89E-05	1.76E-05	-1.13E-05				
86	1131.40	-1.15E+00	-7.05E-01	-1.03E+00	-5.87E-02	7.87E-01	-1.42E-01	-6.97E-01	-1.16E+00	-82.66	-7.05E-01	5.87E-02	
	112.00	-1.26E-05	4.58E-06	-7.79E-06	-4.52E-06	6.05E-05	-1.09E-05	4.87E-06	-1.29E-05				
87	1019.80	-2.27E-01	5.89E-01	-2.68E-01	2.28E-01	2.18E-01	-6.99E-01	6.49E-01	-2.86E-01	75.40	5.89E-01	-2.28E-01	
	34.67	-9.76E-06	2.16E-05	-1.14E-05	1.75E-05	1.68E-05	-5.38E-05	2.39E-05	-1.20E-05				
88	886.60	-2.81E-01	2.53E-01	-4.51E-01	1.73E-01	1.00E-01	-4.51E-01	3.04E-01	-3.32E-01	73.54	-2.81E-01	1.73E-01	
	46.00	-5.53E-06	1.50E-05	-1.21E-05	1.33E-05	7.70E-06	-3.47E-05	1.69E-05	-7.49E-06				
89	869.80	-1.50E+00	-7.49E-01	-1.43E+00	-2.71E-02	3.12E-02	-5.00E-01	-7.48E-01	-1.50E+00	-87.92	-7.49E-01	2.71E-02	
	94.00	-1.71E-05	1.16E-05	-1.47E-05	-2.08E-06	2.40E-06	-3.84E-05	1.16E-05	-1.71E-05				
90	952.60	-2.11E-01	7.49E-01	-2.74E-01	4.89E-01	1.82E-01	-3.05E-01	9.54E-01	-4.17E-01	67.25	8.97E-01	-2.75E-01	
	128.00	-1.10E-05	2.59E-05	-1.34E-05	3.76E-05	1.40E-05	-2.34E-05	3.38E-05	-1.89E-05				
91	869.80	-4.08E-01	3.82E-02	-6.11E-01	1.73E-01	1.18E-01	-2.50E-01	9.77E-02	-4.68E-01	71.07	-4.08E-01	1.73E-01	
	160.00	-4.92E-06	1.23E-05	-1.27E-05	1.33E-05	9.08E-06	-1.92E-05	1.45E-05	-7.20E-06				
92	969.80	-1.43E+00	-4.41E-01	-1.27E+00	-1.70E-01	5.27E-02	-8.40E-02	-4.13E-01	-1.46E+00	-80.56	-4.41E-01	1.70E-01	
	203.60	-2.06E-05	1.76E-05	-1.42E-05	-1.30E-05	4.05E-06	-6.46E-06	1.86E-05	-2.17E-05				
93	598.67	-3.86E-01	4.25E-01	-4.03E-01	3.81E-01	-1.31E-01	-5.52E-01	5.76E-01	-5.36E-01	68.40	4.25E-01	-3.81E-01	
	16.00	-1.08E-05	2.03E-05	-1.15E-05	2.93E-05	-1.00E-05	-4.25E-05	2.61E-05	-1.66E-05				
94	645.75	-3.20E-01	2.27E-01	-4.34E-01	2.14E-01	2.91E-02	-3.45E-01	3.01E-01	-3.94E-01	70.99	-3.20E-01	2.14E-01	
	24.00	-6.51E-06	1.45E-05	-1.09E-05	1.64E-05	2.24E-06	-2.65E-05	1.74E-05	-9.35E-06				
95	613.10	-5.22E-01	-3.02E-01	-6.72E-01	2.04E-01	-1.26E-01	-7.15E-01	-1.80E-01	-6.44E-01	59.13	-5.22E-01	2.04E-01	
	69.33	-3.64E-06	4.82E-06	-9.40E-06	1.57E-05	-9.68E-06	-5.50E-05	9.52E-06	-8.34E-06				
96	708.45	-5.21E-01	1.17E-01	-5.82E-01	1.54E-01	6.74E-03	-3.84E-01	1.52E-01	-5.56E-01	77.14	-3.00E-02	-3.10E-01	
	55.00	-9.21E-06	1.53E-05	-1.16E-05	1.18E-05	5.18E-07	-2.95E-05	1.67E-05	-1.06E-05				
97	613.10	-1.61E+00	-9.46E-01	-1.47E+00	-6.61E-02	-5.53E-01	-1.74E-01	-9.40E-01	-1.62E+00	-84.36	-9.46E-01	6.61E-02	
	96.00	-1.76E-05	7.85E-06	-1.23E-05	-5.09E-06	-4.25E-05	-1.34E-05	8.10E-06	-1.79E-05				
98	682.27	-3.76E-01	2.38E-01	-4.58E-01	1.09E-01	-1.44E-01	-5.82E-01	2.56E-01	-3.94E-01	80.23	2.09E-01	1.69E-01	
	112.00	-7.89E-06	1.57E-05	-1.11E-05	8.37E-06	-1.11E-05	-4.48E-05	1.64E-05	-8.61E-06				
99	751.43	-6.61E-01	1.20E+00	-2.68E-01	3.59E-01	7.28E-02	-6.40E-01	1.27E+00	-7.28E-01	79.47	1.20E+00	-3.59E-01	
	96.00	-2.85E-05	4.33E-05	-1.33E-05	2.76E-05	5.60E-06	-4.92E-05	4.59E-05	-3.10E-05				
100	683.25	-4.66E-01	4.17E-02	-5.82E-01	8.13E-02	-1.28E-01	-1.44E-01	5.44E-02	-4.75E-01	81.12	-4.66E-01	8.13E-02	
	152.00	-6.87E-06	1.27E-05	-1.13E-05	6.26E-06	-9.82E-06	-1.11E-05	1.32E-05	-7.36E-06				
101	648.67	-1.90E+00	-1.11E+00	-1.78E+00	-3.20E-03	-5.49E-01	-2.47E-01	-1.11E+00	-1.90E+00	-89.77	-1.11E+00	3.20E-03	
	192.00	-2.06E-05	1.00E-05	-1.58E-05	-2.46E-07	-4.22E-05	-1.90E-05	1.00E-05	-2.06E-05				
102	725.25	-2.36E-01	1.79E-01	-4.12E-01	1.93E-01	-1.54E-01	1.17E-02	2.55E-01	-3.12E-01	68.55	4.61E-02	-2.73E-01	
	232.70	-3.92E-06	1.20E-05	-1.07E-05	1.48E-05	-1.18E-05	8.99E-07	1.50E-05	-6.83E-06				
103	635.50	-1.58E-01	6.34E-02	-3.08E-01	1.36E-02	-1.23E-01	-4.32E-01	6.42E-02	-1.59E-01	86.49	-1.58E-01	1.36E-02	
	256.00	-1.67E-06	6.87E-06	-7.42E-06	1.05E-06	-9.43E-06	-3.33E-05	6.90E-06	-1.70E-06				
104	635.50	-6.74E-01	-4.18E-01	-8.45E-01	-4.00E-02	-5.72E-01	3.90E-02	-4.12E-01	-6.80E-01	-81.33	-4.18E-01	4.00E-02	
	290.67	-4.65E-06	5.22E-06	-1.12E-05	-3.08E-06	-4.40E-05	3.00E-06	5.45E-06	-4.88E-06				
105	569.00	-3.22E-01	4.81E-01	-3.30E-01	5.25E-01	1.46E-01	-4.84E-01	7.40E-01	-5.82E-01	63.69	-3.22E-01	5.25E-01	
	16.50	-1.05E-05	2.04E-05	-1.08E-05	4.04E-05	1.12E-05	-3.72E-05	3.04E-05	-2.05E-05				
106	508.50	-1.62E+00	-9.83E-01	-1.48E+00	-1.00E-01	5.10E-02	-2.12E-01	-9.68E-01	-1.63E+00	-81.24	-9.83E-01	1.00E-01	
	13.00	-1.74E-05	6.98E-06	-1.20E-05	-7.69E-06	3.92E-06	-1.63E-05	7.57E-06	-1.80E-05				
107	521.00	-1.77E-01	3.20E-01	-3.45E-01	2.82E-01	9.87E-02	-3.08E-01	4.48E-01	-3.04E-01	65.70	-1.77E-01	2.82E-01	
	15.75	-4.50E-06	1.48E-05	-1.10E-05	2.17E-05	7.59E-06	-2.37E-05	1.94E-05	-9.49E-06				
108	526.2[illegible]	[illegible]1.67E-01	2.76E-01	-3.51E-01	3.38E-01	8.32E-02	-[illegible]5E-01	4.60E-01	-3.49E-01	61.68	-1.67E-01	3.38E-[illegible]	
	21.[illegible]	[illegible].79E-06	1.33E-05	-1.09E-05	2.60E-05	6.40E-06	[illegible]E-05	2.03E-05	-1.08E-05				
109	51[illegible]	[illegible]1.21E+00	-7.11E-01	-1.20E+00	2.15E-01	-3.59E-0[illegible]	[illegible]E-01	-6.31E-01	-1.29E+00	69.61	-7.11E-01	-2.[illegible]	

	26.[illegible]	[illegible].22E-04	[illegible].5[illegible]E-06	-1.19E-05	1.6[illegible]E-05	-2.76E-06	[illegible]-05	1.0[illegible]E-05	-1.53E-05				
110	531.50	-2.12E-01	1.09E-01	-3.84E-01	3.05E-01	6.20E-02	-[illegible]E-01	3.59E-01	-3.74E-01	61.90	-2.12E-01	3.05E[illegible]	
	34.50	-3.75E-06	1.19E-05	-1.04E-05	2.34E-05	4.77E-06	-1.96E-05	1.82E-05	-1.00E-05				
111	51[illegible].50	-6.86E-01	-1.52E-01	-8.14E-01	5.03E-01	3.36E-02	-8.98E-01	-1.18E-01	-1.13E+00	48.51	-6.86E-01	5.03E-01	
	44.00	-3.29E-06	1.40E-06	-9.75E-06	3.87E-05	2.58E-06	-6.91E-05	1.86E-05	-2.04E-05				
112	515.50	-1.29E+00	-7.92E-01	-1.24E+00	1.57E-01	-1.29E-01	-1.69E-01	-7.47E-01	-1.34E+00	73.93	-7.92E-01	-1.57E-01	
	57.33	-1.32E-05	6.09E-06	-1.12E-05	1.21E-05	-9.91E-06	-1.30E-05	7.83E-06	-1.49E-05				
113	547.50	-7.70E-02	8.02E-01	-9.29E-02	4.74E-01	5.02E-03	2.55E-01	1.01E+00	-2.84E-01	66.43	9.32E-01	-3.06E-01	
	64.00	-9.91E-06	2.39E-05	-1.05E-05	3.65E-05	3.86E-07	1.96E-05	3.19E-05	-1.79E-05				
114	515.50	-5.41E-01	-2.13E-01	-6.18E-01	1.63E-01	4.41E-02	-5.37E-01	-1.46E-01	-6.08E-01	67.61	-5.41E-01	1.63E-01	
	74.67	-5.73E-06	6.89E-06	-8.69E-06	1.25E-05	3.39E-06	-4.13E-05	9.47E-06	-8.31E-06				
115	515.50	-1.83E+00	-1.12E+00	-1.55E+00	9.83E-02	-7.27E-02	-1.47E-01	-1.11E+00	-1.85E+00	82.28	-1.12E+00	-9.83E-02	
	88.00	-2.10E-05	6.40E-06	-1.02E-05	7.56E-06	-5.55E-06	-1.13E-05	6.91E-06	-2.15E-05				
116	547.50	-4.24E-01	5.42E-01	-3.03E-01	5.45E-01	2.35E-02	-1.28E-01	7.87E-01	-6.69E-01	65.77	7.42E-01	-2.54E-01	
	104.00	-1.43E-05	2.29E-05	-9.62E-06	4.19E-05	1.81E-06	-9.87E-06	3.23E-05	-2.37E-05				
117	515.50	-1.91E-01	2.48E-01	-2.49E-01	1.51E-01	-9.89E-03	-4.96E-01	2.95E-01	-2.38E-01	72.71	-1.91E-01	1.51E-01	
	120.00	-5.23E-06	1.17E-05	-7.48E-06	1.16E-05	-7.60E-07	-3.81E-05	1.35E-05	-7.04E-06				
118	515.50	-1.60E+00	-9.84E-01	-1.38E+00	7.10E-02	-2.05E-01	-1.31E-01	-9.76E-01	-1.61E+00	83.55	-9.84E-01	-7.10E-02	
	136.00	-1.81E-05	5.72E-06	-9.37E-06	5.44E-06	-1.58E-05	-1.01E-05	6.03E-06	-1.84E-05				
119	547.50	-3.76E-01	4.13E-01	-3.06E-01	3.30E-01	-5.40E-02	-1.06E-01	5.33E-01	-4.96E-01	70.04	5.22E-01	-1.06E-01	
	152.00	-1.15E-05	1.88E-05	-8.82E-06	2.54E-05	-4.15E-06	-8.14E-06	2.35E-05	-1.61E-05				
120	515.50	-1.50E-01	3.65E-01	-1.44E-01	1.57E-02	-9.37E-02	-6.61E-01	3.65E-01	-1.50E-01	88.26	-1.50E-01	1.57E-02	
	168.00	-6.54E-06	1.33E-05	-6.33E-06	1.21E-06	-7.21E-06	-5.09E-05	1.33E-05	-6.56E-06				
121	515.50	-1.91E+00	-1.22E+00	-1.59E+00	8.95E-02	-4.20E-01	-1.04E-01	-1.20E+00	-1.92E+00	82.78	-1.22E+00	-8.95E-02	
	184.00	-2.16E-05	5.10E-06	-9.40E-06	6.88E-06	-3.23E-05	-8.03E-06	5.53E-06	-2.21E-05				
122	547.50	-2.91E-01	6.26E-01	-1.88E-01	5.39E-01	-1.70E-01	-3.96E-02	8.76E-01	-5.41E-01	65.19	8.26E-01	-2.60E-01	
	200.00	-1.28E-05	2.25E-05	-8.85E-06	4.15E-05	-1.31E-05	-3.04E-06	3.21E-05	-2.24E-05				
123	515.50	4.95E-01	1.09E+00	4.49E-01	7.85E-02	-2.22E-01	-9.45E-01	1.10E+00	4.85E-01	82.63	4.95E-01	7.85E-02	
	216.00	-3.33E-06	1.56E-05	-5.09E-06	6.04E-06	-1.71E-05	-7.27E-05	2.00E-05	-3.72E-06				
124	515.50	-1.07E+00	-7.18E-01	-1.05E+00	1.08E-01	-7.72E-01	-6.77E-02	-6.87E-01	-1.10E+00	74.02	-7.18E-01	-1.08E-01	
	232.00	-9.88E-06	3.48E-06	-9.14E-06	8.33E-06	-5.94E-05	-5.21E-06	4.67E-06	-1.11E-05				
125	547.50	-8.19E-01	-6.91E-01	-9.17E-01	1.90E-01	-3.60E-01	7.82E-01	-5.55E-01	-9.55E-01	54.30	-6.09E-01	-1.38E-01	
	248.00	-4.83E-06	9.47E-08	-8.61E-06	1.46E-05	-2.77E-05	6.02E-05	5.34E-06	-1.01E-05				
126	515.50	3.93E-01	8.72E-01	3.59E-01	7.08E-03	-2.27E-01	-7.54E-01	8.73E-01	3.93E-01	89.15	3.93E-01	7.08E-03	
	264.00	-2.73E-06	1.57E-05	-4.04E-06	5.45E-07	-1.75E-05	-5.80E-05	1.57E-05	-2.73E-06				
127	515.50	-9.77E-01	-7.09E-01	-9.58E-01	1.64E-01	-7.57E-01	-2.12E-02	-6.31E-01	-1.06E+00	64.61	-7.09E-01	-1.64E-01	
	276.00	-8.53E-06	1.79E-06	-7.79E-06	1.27E-05	-5.82E-05	-1.63E-06	4.80E-06	-1.15E-05				
128	531.50	-3.51E-01	-1.49E-01	-3.72E-01	6.97E-02	-2.12E-01	4.35E-03	-1.28E-01	-3.73E-01	72.71	-3.51E-01	6.97E-02	
	297.00	-3.93E-06	3.84E-06	-4.70E-06	5.36E-06	-1.63E-05	3.35E-07	4.68E-06	-4.77E-06				
129	515.50	4.54E-01	1.20E+00	5.79E-01	9.80E-02	-2.47E-01	-6.76E-01	1.21E+00	4.44E-01	83.36	4.54E-01	8.80E-02	
	320.00	-7.06E-06	2.16E-05	-2.28E-06	6.77E-06	-1.90E-05	-5.20E-05	2.20E-05	-7.46E-06				
183	565.50	-2.41E-01	8.77E-01	-1.55E-01	6.84E-01	1.93E-01	-7.31E-01	1.20E+00	-5.65E-01	64.63	-2.41E-01	6.84E-01	
	-8.00	-1.45E-05	2.84E-05	-1.13E-05	5.26E-05	1.49E-05	-5.62E-05	4.09E-05	-2.70E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .2200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3297E+02	.1970E+03	.3176E+03	.2006E+02	.7839E+02	-.4572E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.2240E+01	.1677E+01	.1427E+01	.3828E+01	-.1956E+02	-.1537E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.3641E+01	-.7603E+00	.8245E+00	.1246E+01	-.4786E+02	-.2523E+02

15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.4753E+01	.5826E+00	.4251E+00	.4500E+00	-.7174E+02	-.3656E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.5264E+01	-.9151E+00	.3762E+00	.9708E+00	-.9621E+02	-.4804E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1614E+01	-.9183E-01	.4783E+00	.5408E+01	-.1169E+03	-.5996E+02
25	.7917E+01	.1307E+01	.2552E+00	.1030E+02	-.1305E+03	-.7042E+02
26	-.2570E+02	-.4135E+01	.4196E+00	.9832E+01	-.1371E+03	-.7815E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1588E+02	-.4946E+01	.1906E+01	.5421E+01	-.1814E+03	-.8371E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1099E+04	.1637E+03	.9544E+01	.1353E+02	-.4484E+03	-.1274E+03
40	.5594E+03	.6504E+02	.1790E+02	.6598E+01	-.4446E+03	-.1181E+03
41	.1509E+03	-.1520E+00	.1785E+02	.1035E+01	-.4043E+03	-.1047E+03
42	-.2460E+02	-.1583E+02	.9064E+01	.2001E+01	-.2936E+03	-.9172E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.5668E+03	.9837E+02	.3640E+01	-.2628E+02	-.4550E+03	.3865E+02
48	.5248E+03	.9270E+02	.4160E+01	.3935E+02	-.4147E+03	.3089E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3033E+03	-.4938E+02	-.6720E+00	.1297E+03	-.2909E+03	.1806E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2297E+01	.1882E+02	.5163E+00	-.1801E+02	-.4507E+03	.3321E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2148E+03	-.3444E+02	-.8239E+00	.1180E+03	-.2449E+03	.1761E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1599E+03	-.2618E+02	-.1351E+01	.1115E+03	-.2439E+03	.1726E+03
66	-.8335E+02	-.1466E+02	-.1948E+01	.1197E+03	-.2370E+03	.1783E+03
67	.5532E+02	.6086E+01	-.2165E+01	.1186E+03	-.2348E+03	.1790E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1021E+03	.1283E+02	-.2403E+01	.1243E+03	-.2462E+03	.1567E+03
	-.2547E+01	-.2949E+01	-.2217E+01	.133[illegible]03	-.2448E+03	.1529E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4718E+02	.4661E+01	-.1927E+01	.1318E+03	-.2294E+03	.1503E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.9204E+01	-.3652E+01	-.1814E+01	.1384E+03	-.2135E+03	.1405E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3148E+02	.2643E+01	-.1603E+01	.1261E+03	-.1956E+03	.1347E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2566E+01	-.1522E+01	-.1347E+01	.1195E+03	-.1788E+03	.1261E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2647E+01	-.1392E+01	-.1461E+01	.1108E+03	-.1649E+03	.1119E+03
109	.6683E+01	-.5723E+00	-.1509E+01	.1051E+03	-.1467E+03	.9868E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.4918E+01	-.6772E+00	-.1635E+01	.7854E+02	-.1342E+03	.7612E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.5732E+02	.7376E+01	-.1181E+01	.5931E+02	-.1172E+03	.5545E+02
115	-.4657E+02	-.8166E+01	-.1391E+01	.4037E+02	-.1117E+03	.3341E+02
116	.1599E+02	.1304E+01	-.2117E+01	.2304E+02	-.9876E+02	.1312E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1594E+02	-.3451E+01	-.2229E+01	.3872E+02	-.9026E+02	.2262E+02
119	-.4935E+02	-.8225E+01	-.3043E+01	-.1675E+00	-.7464E+02	.6781E+00
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2193E+02	.6318E+00	-.9742E+00	-.1692E+02	-.3913E+02	-.8342E+01
122	-.1281E+02	.5948E+01	.2054E+01	.4658E+00	-.3233E+02	.3624E+01
123	-.4991E+01	.5219E+01	.1762E+01	.1103E+01	-.2540E+02	.4043E+01
124	.1304E+01	.4069E+01	.1179E+01	.1492E+01	-.1842E+02	.4375E+01
125	.5915E+01	.3440E+01	.8589E+00	.1792E+01	-.1265E+02	.4662E+01
126	.1108E+02	.3778E+01	.8805E+00	.2223E+01	-.6608E+01	.4970E+01
127	.1361E+02	.4007E+01	.1063E+01	.2410E+01	-.1575E+01	.5178E+01
128	.1431E+02	.3636E+01	.1525E+01	.2913E+01	.6943E+01	.5318E+01
129	.1107E+02	.2570E+01	.1847E+01	.2920E+01	.1187E+02	.5103E+01
130	.5795E+01	.1197E+01	.1977E+01	.2627E+01	.1362E+02	.4475E+01
131	.7507E+00	.1030E+00	.1895E+01	.2032E+01	.1163E+02	.3631E+01
132	-.2214E+00	-.9717E-01	.1498E+01	.1450E+01	.8054E+01	.2739E+01
133	-.4106E+00	-.8610E-01	.1280E+01	.1058E+01	.5566E+01	.2079E+01
134	-.7839E-01	.8605E-02	.1208E+01	.3016E+00	.4004E+01	.1578E+01
135	.6684E-01	.2814E-01	.1349E+01	.5905E+00	.2866E+01	.1169E+01
136	-.7961E-02	.1652E-01	.1770E+01	.3792E+00	.1908E+01	.7967E+00
137	.1421E-01	.6891E-02	.2573E+01	.1378E+00	.9019E+00	.4478E+00
138	-.5296E-01	.1558E-01	.2307E+02	-.8213E-01	-.2891E+00	.2681E+00
139	.1817E-01	.2957E-01	.4584E+02	.4557E-02	.1639E+00	-.1965E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.27360E-02	-.46492E-04	.90310E-02	.00000E+00
3	-.15526E-01	-.24142E-03	.15435E-01	.00000E+00
4	-.16491E-01	-.28396E-03	.16220E-01	.00000E+00
5	-.17355E-01	.13159E-03	.17362E-01	.00000E+00
6	-.16910E-01	-.33374E-04	.16903E-01	-.21066E-04
7	-.17890E-01	-.11555E-02	.18270E-01	.00000E+00
8	-.18975E-01	-.95111E-03	.19113E-01	-.51849E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.88501E-02	-.31362E-03	.90343E-02	.00000E+00
11	-.15480E-01	-.74076E-03	.16025E-01	.00000E+00
12	-.16743E-01	-.10380E-02	.17449E-01	.00000E+00
13	-.17898E-01	-.85334E-03	.18421E-01	.00000E+00
14	-.19036E-01	-.13681E-02	.19697E-01	-.11922E-04
15	-.17826E-01	-.23276E-02	.19834E-01	.00000E+00
16	-.19157E-01	-.22664E-02	.20642E-01	-.52598E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.87751E-02	-.68981E-03	.97777E-02	.00000E+00
19	-.15575E-01	-.16164E-02	.17497E-01	.00000E+00
20	-.16785E-01	-.20658E-02	.19136E-01	.00000E+00
21	-.18105E-01	-.18440E-02	.20330E-01	.00000E+00
22	-.19282E-01	-.24752E-02	.21953E-01	-.11018E-04
23	-.18247E-01	-.39608E-02	.22611E-01	.00000E+00
24	-.19498E-01	-.39087E-02	.23649E-01	-.21383E-04
25	-.19645E-01	-.44685E-02	.24693E-01	-.66473E-05
26	-.19737E-01	-.46602E-02	.25296E-01	-.19870E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.82131E-02	-.13723E-02	.10578E-01	.00000E+00
29	-.15167E-01	-.31744E-02	.19238E-01	.00000E+00
30	-.16926E-01	-.39624E-02	.21285E-01	.00000E+00
31	-.18608E-01	-.45331E-02	.23557E-01	.00000E+00
32	-.19818E-01	-.53596E-02	.25953E-01	-.54801E-04
33	-.18363E-01	-.57400E-02	.23831E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.78400E-02	-.16463E-02	.10738E-01	.00000E+00
36	-.14816E-01	-.38330E-02	.19760E-01	.00000E+00
37	-.16955E-01	-.44966E-02	.21590E-01	.00000E+00
38	-.18653E-01	-.60277E-02	.24667E-01	.00000E+00
39	-.20195E-01	-.75277E-02	.27190E-01	-.10931E-04
40	-.20158E-01	-.72351E-02	.26912E-01	-.39417E-04
41	-.20124E-01	-.67160E-02	.26649E-01	-.52760E-04
42	-.19977E-01	-.60379E-02	.26328E-01	-.58993E-04
43	-.15393E-01	-.52471E-02	.21959E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.50803E-02	-.12518E-02	.10250E-01	.00000E+00
46	-.13211E-01	-.37679E-02	.19754E-01	.00000E+00
47	-.20212E-01	-.75290E-02	.27315E-01	.63685E-05
48	-.20208E-01	-.75440E-02	.27282E-01	.19438E-05
49	-.19562E-01	-.60455E-02	.24550E-01	.00000E+00
50	-.20298E-01	-.75977E-02	.27318E-01	.26326E-04
51	-.17595E-01	-.61372E-02	.24645E-01	.00000E+00
52	-.20015E-01	-.69360E-02	.26513E-01	.00000E+00
53	-.20232E-01	-.74329E-02	.27436E-01	.12546E-04
54	-.14539E-01	-.41631E-02	.20935E-01	.00000E+00
55	-.16519E-01	-.51226E-02	.22955E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.48510E-02	-.96440E-03	.80498E-02	.00000E+00
58	-.10538E-01	-.16244E-02	.15095E-01	.00000E+00
59	-.19693E-01	-.61505E-02	.25851E-01	.00000E+00
[illegible]	-.19638E-01	-.67509E-02	.25937E-01	.00000E+00
[illegible]	-.20409E-01	-.76148E-02	.27355E-01	[illegible]5967E-04
[illegible]	-.12803E-01	-.24833E-02	.18099E-01	[illegible]0000E+00

	-.15312E-01	-.32777E-02	.21600E-01	.00000E+00
64	-.20410E-01	-.70733E-02	.26752E-01	.00000E+00
65	-.20568E-01	-.75392E-02	.27388E-01	.59877E-04
66	-.20984E-01	-.76879E-02	.27454E-01	.76594E-04
67	-.21453E-01	-.77405E-02	.27530E-01	.75926E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.35024E-02	-.24101E-03	.47971E-02	.00000E+00
70	-.10553E-01	-.15340E-02	.15320E-01	.00000E+00
71	-.17978E-01	-.42439E-02	.24528E-01	.00000E+00
72	-.20804E-01	-.70643E-02	.26891E-01	.00000E+00
73	-.13085E-01	-.21431E-02	.17525E-01	.00000E+00
74	-.22113E-01	-.75056E-02	.27635E-01	.00000E+00
75	-.21969E-01	-.77355E-02	.27589E-01	.61564E-04
76	-.22488E-01	-.78935E-02	.27670E-01	.47263E-04
77	-.15928E-01	-.30997E-02	.21508E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.38094E-02	-.43655E-03	.65008E-02	.00000E+00
80	-.91920E-02	-.93101E-03	.13656E-01	.00000E+00
81	-.10241E-01	-.12163E-02	.14757E-01	.00000E+00
82	-.11843E-01	-.17927E-02	.18710E-01	.00000E+00
83	-.20079E-01	-.52997E-02	.26750E-01	.00000E+00
84	-.17475E-01	-.37022E-02	.24988E-01	.00000E+00
85	-.23211E-01	-.90168E-02	.27779E-01	.39488E-04
86	-.22881E-01	-.78231E-02	.27953E-01	.00000E+00
87	-.15252E-01	-.26356E-02	.20691E-01	.00000E+00
88	-.22273E-01	-.68965E-02	.27733E-01	.00000E+00
89	-.23762E-01	-.81531E-02	.27856E-01	.33539E-04
90	-.96672E-02	-.16769E-03	.73593E-02	.00000E+00
91	-.10931E-01	-.30626E-03	.90155E-02	.00000E+00
92	-.12507E-01	-.87485E-03	.10046E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.36090E-02	.00000E+00	.24644E-02	.00000E+00
95	-.70257E-02	.00000E+00	.46383E-02	.00000E+00
96	-.83848E-02	.00000E+00	.56330E-02	.00000E+00
97	-.87054E-02	.00000E+00	.51097E-02	.00000E+00
98	-.83640E-02	.00000E+00	.48001E-02	.00000E+00
99	-.98209E-02	-.17363E-03	.57155E-02	.00000E+00
100	-.14890E-01	-.15653E-02	.13785E-01	.00000E+00
101	-.19819E-01	-.43010E-02	.25448E-01	.00000E+00
102	-.24561E-01	-.83557E-02	.27966E-01	.28768E-04
103	-.21193E-01	-.60155E-02	.28221E-01	.00000E+00
104	-.24422E-01	-.83535E-02	.28520E-01	.00000E+00
105	-.25133E-01	-.85109E-02	.28000E-01	.22525E-04
106	-.22719E-01	-.71721E-02	.29772E-01	.00000E+00
107	-.25157E-01	-.87536E-02	.28738E-01	.00000E+00
108	-.25685E-01	-.86823E-02	.28019E-01	.21362E-04
109	-.26149E-01	-.88114E-02	.27943E-01	.18888E-04
110	-.25219E-01	-.92271E-02	.30501E-01	.00000E+00
111	-.26348E-01	-.94289E-02	.29380E-01	.00000E+00
112	-.26595E-01	-.89599E-02	.27847E-01	.16654E-04
113	-.26012E-01	-.90796E-02	.29908E-01	.00000E+00
114	-.26867E-01	-.90127E-02	.27622E-01	.40120E-05
115	-.26958E-01	-.91052E-02	.27389E-01	-.14936E-06
116	-.26880E-01	-.91022E-02	.27007E-01	-.11981E-05
117	-.26520E-01	-.96509E-02	.29218E-01	.00000E+00
118	-.26845E-01	-.91222E-02	.26830E-01	-.39532E-05
119	-.26766E-01	-.91481E-02	.26514E-01	-.30501E-05
120	-.26628E-01	-.97969E-02	.28234E-01	.00000E+00
121	-.26713E-01	-.91007E-02	.26051E-01	-.27556E-05
122	-.26707E-01	-.90749E-02	.26031E-01	-.41186E-05
123	-.26695E-01	-.90458E-02	.25999E-01	-.55193E-05
124	-.26679E-01	-.90364E-02	.25967E-01	-.75287E-05
125	-.26653E-01	-.89517E-02	.25928E-01	-.10584E-04
126	-.26588E-01	-.88172E-02	.25863E-01	-.16009E-04

127	-.26400E-01	-.35364E-02	.25797E-01	-.19863E-04
128	-.26277E-01	-.01476E-02	.25661E-01	-.23772E-04
129	-.26047E-01	-.76122E-02	.25532E-01	-.24492E-04
130	-.25788E-01	-.69354E-02	.25391E-01	-.23548E-04
131	-.25465E-01	-.60282E-02	.25178E-01	-.19286E-04
132	-.25214E-01	-.51247E-02	.24999E-01	-.17933E-04
133	-.25002E-01	-.43732E-02	.24846E-01	-.19096E-04
134	-.24833E-01	-.35504E-02	.24726E-01	-.18086E-04
135	-.24698E-01	-.27130E-02	.24635E-01	-.19644E-04
136	-.24596E-01	-.18516E-02	.24566E-01	-.18704E-04
137	-.24537E-01	-.10319E-02	.24529E-01	-.18938E-04
138	-.24498E-01	-.14334E-03	.24499E-01	-.18635E-04
139	-.24499E-01	-.16517E-04	.24499E-01	-.18598E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-4.29E-02	-7.92E-02	2.42E-03	-1.09E+00	-1.82E-02	1.12E+00	1.02E+00	-1.15E+00	-44.52	-4.29E-02	-1.09E+00
	-303.00	-3.96E-07	-2.05E-06	1.66E-06	-9.86E-05	-1.65E-06	1.02E-04	4.81E-05	-5.05E-05			
2	72.00	-2.31E-02	-9.31E-02	5.31E-02	-8.50E-01	-1.29E-02	6.70E-01	7.92E-01	-9.08E-01	-43.82	-2.31E-02	-8.50E-01
	-213.00	-2.29E-07	-3.41E-06	3.23E-06	-7.72E-05	-1.17E-06	7.91E-05	3.68E-05	-4.05E-05			
3	72.00	-3.80E-02	-1.21E-01	1.29E-01	-5.01E-01	7.12E-02	5.79E-01	4.24E-01	-5.82E-01	-42.65	-3.80E-02	-5.01E-01
	-138.00	-7.06E-07	-2.58E-06	3.08E-06	-2.28E-05	3.24E-06	2.63E-05	9.79E-06	-1.31E-05			
4	24.00	-1.20E+00	-1.02E+00	-1.30E+00	-9.10E-01	3.11E-01	1.09E+00	-1.96E-01	-2.03E+00	-47.78	-1.20E+00	-9.10E-01
	-68.00	-7.63E-06	-6.07E-07	-1.13E-05	-7.00E-05	2.39E-05	8.41E-05	3.12E-05	-3.92E-05			
5	72.00	6.68E-01	4.56E-01	8.07E-01	-4.91E-01	2.03E-02	4.69E-01	1.06E+00	6.01E-02	-38.89	4.56E-01	4.91E-01
	-88.00	4.48E-06	-3.69E-06	9.81E-06	-3.77E-05	1.56E-06	3.45E-05	1.97E-05	-1.89E-05			
6	120.00	4.28E-01	4.95E-01	5.94E-01	-6.96E-01	-4.94E-02	7.08E-01	1.16E+00	-2.35E-01	-46.40	-2.17E-01	1.59E-01
	-68.00	-1.10E-07	2.50E-06	5.89E-06	-5.35E-05	-3.80E-06	5.45E-05	2.80E-05	-2.56E-05			
7	36.25	-1.17E-01	3.32E-03	8.45E-02	-4.96E-01	5.50E-02	4.46E-01	4.42E-01	-5.56E-01	-48.47	-1.00E-01	-4.97E-01
	-19.00	-4.19E-06	4.51E-07	3.57E-06	-3.81E-05	4.23E-06	3.43E-05	1.73E-05	-2.11E-05			
8	108.00	3.99E-02	-1.14E-02	1.55E-01	-2.58E-01	1.51E-02	3.67E-01	2.74E-01	-2.45E-01	-42.16	3.99E-02	-2.58E-01
	-19.00	-4.79E-07	-2.45E-06	3.94E-06	-1.99E-05	1.16E-06	2.83E-05	8.51E-06	-1.14E-05			
9	216.00	-1.69E-01	-2.98E-01	-1.44E-01	-1.09E+00	1.33E-02	1.16E+00	8.60E-01	-1.33E+00	-43.31	-1.69E-01	-1.09E+00
	-303.00	2.60E-07	-5.60E-06	1.37E-06	-9.92E-05	1.21E-06	1.06E-04	4.70E-05	-5.24E-05			
10	216.00	-1.49E-01	-3.11E-01	-5.36E-02	-8.68E-01	3.81E-02	9.42E-01	6.42E-01	-1.10E+00	-42.31	-1.48E-01	-8.68E-01
	-213.00	-6.84E-08	-7.49E-06	4.23E-06	-7.89E-05	3.47E-06	8.56E-05	3.59E-05	-4.34E-05			
11	216.00	-2.29E-02	-2.65E-01	2.79E-01	-6.01E-01	1.01E-01	7.00E-01	4.69E-01	-7.57E-01	-39.31	-2.29E-02	-6.01E-01
	-138.00	-4.77E-07	-5.57E-06	6.39E-06	-2.73E-05	4.57E-06	3.18E-05	1.07E-05	-1.72E-05			
12	168.00	-5.89E-01	-1.06E+00	-5.06E-01	-1.00E+00	2.00E-01	1.02E+00	2.04E-01	-1.85E+00	-38.41	-5.89E-01	-1.00E+00
	-68.00	9.99E-07	-1.70E-05	4.21E-06	-7.70E-05	1.54E-05	7.81E-05	3.15E-05	-4.76E-05			
13	216.00	7.43E-01	4.00E-01	8.53E-01	-5.06E-01	9.97E-02	3.52E-01	1.11E+00	3.75E-02	-35.64	4.00E-01	5.06E-01
	-88.00	6.84E-06	-6.55E-06	1.09E-05	-3.89E-05	7.67E-06	2.71E-05	2.06E-05	-2.05E-05			
14	264.00	3.18E-01	4.97E-01	6.50E-01	-7.10E-01	-2.61E-02	7.71E-01	1.12E+00	-3.08E-01	-48.60	-2.75E-01	2.16E-01
	-68.00	-3.97E-06	3.03E-06	8.90E-06	-5.46E-05	-2.01E-06	5.93E-05	2.71E-05	-2.80E-05			
15	180.00	1.20E-01	3.26E-02	2.97E-01	-4.92E-01	1.28E-01	3.56E-01	5.70E-01	-4.18E-01	-42.47	1.20E-01	-4.92E-01
	-19.00	-3.39E-07	-3.69E-06	6.50E-06	-3.78E-05	9.88E-06	2.74E-05	1.70E-05	-2.10E-05			
16	252.00	-4.46E-02	-9.65E-02	2.45E-01	-2.57E-01	5.49E-02	3.87E-01	1.87E-01	-3.30E-01	-42.00	-4.46E-02	-2.57E-01
	-19.00	-2.84E-06	-4.91E-06	8.32E-06	-1.97E-05	4.23E-06	2.98E-05	6.05E-06	-1.38E-05			
17	361.00	-2.74E-01	-5.68E-01	-2.65E-01	-1.06E+00	4.48E-03	1.26E+00	6.53E-01	-1.50E+00	-41.06	-2.74E-01	-1.06E+00
	-303.00	1.92E-06	-1.16E-05	2.33E-06	-9.67E-05	4.07E-07	1.15E-04	4.41E-05	-5.36E-05			
18	361.00	-1.63E-01	-5.70E-01	-9.33E-02	-9.25E-01	2.44E-02	1.05E+00	5.81E-01	-1.31E+00	-38.80	-1.63E-01	-9.25E-01
	-213.00	3.32E-06	-1.52E-05	6.48E-06	-8.41E-05	2.22E-06	9.57E-05	3.71E-05	-4.90E-05			
19	361.00	2.05E-02	-4.73E-01	3.67E-01	-8.05E-01	9.97E-02	8.40E-01	6.15E-01	-1.07E+00	-36.47	2.05E-02	-8.05E-01
	-138.00	9.15E-07	-1.03E-05	8.80E-06	-3.66E-05	4.53E-06	3.82E-05	1.44E-05	-2.38E-05			
20	312.00	-1.02E+00	-1.60E+00	-7.73E-01	-1.27E+00	3.14E-01	1.36E+00	-5.27E-03	-2.61E+00	-38.60	-1.02E+00	-1.27E+00
	-68.00	-1.96E-06	-2.42E-05	7.53E-06	-9.78E-05	2.42E-05	1.04E-04	3.71E-05	-6.32E-05			
21	360.[illegible]	1.16E+00	9.68E-01	1.29E+00	-7.66E-01	1.08E-01	[illegible]2E-01	1.84E+00	2.94E-01	-41.36	9.68E-01	7.66E-01
	-88.[illegible]	7.13E-06	-3.92E-07	1.21E-05	-5.89E-05	8.29E-06	[illegible]E-05	3.31E-05	-2.63E-05			
22	408[illegible]	-8.14E-01	-1.18E+00	-4.11E-01	-1.12E+00	2.76E-02	[illegible]0E+00	1.33E-01	-2.13E+00	-40.33	-2.13E+00	5.[illegible]

	-68.	[illegible]83E-06	-1.50E-05	1.06E-05	-8.58E-05	2.12E-06	[illegible]	-04	3.16E-05	-5.54E-05			
23	324.00	[illegible].73E-02	2.11E-02	4.20E-01	-5.93E-01	2.25E-01	[illegible]	-01	6.48E-01	-5.40E-01	-43.40	8.73E-02	-5.93[illegible]
	-10.00	-2.45E-06	-4.59E-06	1.03E-05	-4.54E-05	1.73E-05	3.23E-05		1.91E-05	-2.66E-05			
24	372.00	-7.17E-02	-1.46E-01	3.40E-01	-1.08E+00	2.25E-01	1.07E+00		9.68E-01	-1.19E+00	-44.01	-7.17E-02	-1.08E+00
	-9.33	-4.10E-06	-6.96E-06	1.17E-05	-8.28E-05	1.73E-05	6.23E-05		3.59E-05	-4.70E-05			
25	401.25	5.29E-02	7.27E-02	5.02E-01	-3.81E-01	9.16E-02	5.34E-01		4.43E-01	-3.16E-01	-45.75	3.99E-01	-1.76E-01
	-10.00	-4.86E-06	-4.10E-06	1.24E-05	-2.93E-05	7.05E-06	4.11E-05		1.02E-05	-1.91E-05			
26	427.67	-1.31E+00	-1.99E+00	-8.96E-01	-1.29E+00	2.99E-01	1.60E+00		-3.15E-01	-2.98E+00	-37.62	-2.14E+00	-1.24E+00
	-9.33	-4.24E-06	-3.03E-05	1.16E-05	-9.91E-05	2.30E-05	1.23E-04		3.39E-05	-6.85E-05			
27	457.00	-3.44E-01	-8.02E-01	-3.69E-01	-1.01E+00	-1.25E-02	1.32E+00		4.67E-01	-1.61E+00	-38.63	-3.44E-01	-1.01E+00
	-303.00	4.06E-06	-1.68E-05	2.88E-06	-9.22E-05	-1.14E-06	1.20E-04		4.09E-05	-5.36E-05			
28	457.00	-1.26E-01	-7.94E-01	-1.28E-01	-9.70E-01	-4.33E-03	1.16E+00		5.65E-01	-1.49E+00	-35.50	-1.26E-01	-9.70E-01
	-213.00	7.87E-06	-2.25E-05	7.81E-06	-8.82E-05	-3.94E-07	1.04E-04		3.93E-05	-5.39E-05			
29	457.00	2.97E-01	-4.15E-01	5.31E-01	-9.96E-01	-2.01E-02	8.97E-01		9.99E-01	-1.12E+00	-35.17	2.97E-01	-9.96E-01
	-138.00	4.58E-06	-1.16E-05	9.91E-06	-4.53E-05	-9.15E-07	4.08E-05		2.05E-05	-2.75E-05			
30	442.00	-1.22E+00	-2.75E+00	-1.23E+00	-1.69E+00	2.06E-02	1.65E+00		-1.27E-01	-3.84E+00	-32.85	-1.22E+00	-1.69E+00
	-68.00	1.02E-05	-4.86E-05	9.86E-06	-1.30E-04	1.59E-06	1.27E-04		5.23E-05	-9.07E-05			
31	457.33	1.71E+00	-2.79E-02	1.05E+00	-4.48E-01	-5.96E-01	8.64E-01		1.82E+00	-1.37E-01	-13.62	-2.79E-02	4.48E-01
	-88.00	3.58E-05	-3.11E-05	1.04E-05	-3.45E-05	-4.58E-05	6.65E-05		4.00E-05	-3.53E-05			
32	472.67	-4.24E+00	-5.76E+00	-3.66E+00	-1.28E+00	3.63E-01	1.94E+00		-3.51E+00	-6.49E+00	-29.58	-5.24E+00	-1.47E+00
	-68.00	-1.32E-05	-7.18E-05	1.00E-05	-9.81E-05	2.80E-05	1.49E-04		1.47E-05	-9.96E-05			
33	463.00	-2.42E-01	-6.12E-01	1.29E-01	-1.03E+00	1.30E-01	7.49E-01		6.16E-01	-1.47E+00	-39.90	-2.42E-01	-1.03E+00
	-10.50	-1.35E-06	-1.56E-05	1.29E-05	-7.89E-05	1.00E-05	5.76E-05		3.17E-05	-4.86E-05			
34	654.00	-3.73E+00	-4.09E+00	-2.69E+00	-2.06E+00	5.16E-01	2.12E+00		-1.84E+00	-5.98E+00	-42.56	-4.59E+00	-1.95E+00
	-11.33	-2.81E-05	-4.17E-05	1.20E-05	-1.59E-04	3.97E-05	1.63E-04		4.47E-05	-1.14E-04			
35	461.67	-2.95E+00	-4.53E+00	-2.56E+00	-1.89E+00	1.58E-01	2.26E+00		-1.68E+00	-5.75E+00	-33.68	-2.95E+00	-1.89E+00
	-12.00	-3.11E-06	-6.38E-05	1.18E-05	-1.46E-04	1.21E-05	1.74E-04		4.54E-05	-1.12E-04			
36	669.00	2.20E+00	2.37E-01	1.44E+00	-1.70E-01	-5.06E-01	9.78E-01		2.22E+00	2.22E-01	-4.91	2.37E-01	1.70E-01
	-30.00	4.20E-05	-3.35E-05	1.28E-05	-1.31E-05	-3.89E-05	7.52E-05		4.26E-05	-3.41E-05			
37	476.33	-3.65E+00	-5.59E+00	-3.24E+00	-1.45E+00	1.65E-01	1.92E+00		-2.88E+00	-6.37E+00	-28.12	-4.30E+00	-1.71E+00
	-12.00	-3.33E-06	-7.79E-05	1.26E-05	-1.12E-04	1.27E-05	1.48E-04		2.65E-05	-1.08E-04			
38	558.50	-1.99E-01	-6.77E-01	-2.53E-01	-8.37E-01	-5.19E-02	1.30E+00		4.32E-01	-1.31E+00	-37.04	-1.99E-01	-8.37E-01
	-303.00	5.60E-06	-1.61E-05	3.16E-06	-7.61E-05	-4.72E-06	1.18E-04		3.43E-05	-4.48E-05			
39	558.50	-9.15E-02	-9.09E-01	-1.46E-01	-8.44E-01	-1.09E-01	1.18E+00		4.37E-01	-1.44E+00	-32.07	-9.15E-02	-8.44E-01
	-213.00	1.07E-05	-2.65E-05	8.31E-06	-7.67E-05	-9.88E-06	1.08E-04		3.48E-05	-5.05E-05			
40	506.17	3.48E-01	-2.35E+00	-4.19E-02	-1.92E+00	-1.11E-01	2.32E+00		1.34E+00	-3.35E+00	-27.44	3.48E-01	-1.92E+00
	-128.00	1.96E-05	-4.27E-05	9.77E-06	-8.72E-05	-5.06E-06	1.05E-04		4.13E-05	-6.53E-05			
41	558.50	1.81E+00	-1.33E+00	8.16E-01	-9.56E-01	-5.68E-01	1.36E+00		2.08E+00	-1.60E+00	-15.70	-1.33E+00	9.58E-01
	-148.00	3.44E-05	-3.70E-05	1.17E-05	-4.36E-05	-2.58E-05	6.19E-05		4.05E-05	-4.31E-05			
42	610.83	-5.71E-02	-2.20E+00	-6.43E-02	-1.47E+00	-5.23E-01	1.81E+00		6.91E-01	-2.95E+00	-26.96	-2.83E+00	-6.48E-01
	-128.00	1.09E-05	-3.78E-05	1.07E-05	-6.69E-05	-2.38E-05	8.23E-05		2.79E-05	-5.48E-05			
43	501.38	6.85E-01	-3.77E-01	5.46E-01	-5.04E-01	-1.71E-01	7.43E-01		8.86E-01	-5.78E-01	-21.76	6.85E-01	-5.04E-01
	-78.00	1.70E-05	-2.39E-05	1.16E-05	-3.88E-05	-1.32E-05	5.72E-05		2.47E-05	-3.16E-05			
44	534.67	-6.27E-01	-2.14E+00	-6.59E-01	-1.67E+00	-1.42E-01	1.85E+00		4.47E-01	-3.21E+00	-32.79	-3.16E+00	-4.56E-01
	-68.00	1.35E-05	-4.46E-05	1.23E-05	-1.28E-04	-1.09E-05	1.43E-04		5.48E-05	-8.59E-05			
45	584.67	1.31E-01	-9.86E-01	6.71E-02	-1.02E+00	-4.26E-01	1.50E+00		7.37E-01	-1.55E+00	-30.67	1.31E-01	-1.02E+00
	-68.00	1.37E-05	-2.93E-05	1.12E-05	-7.86E-05	-3.28E-05	1.15E-04		3.70E-05	-5.26E-05			
46	610.83	1.61E+00	-9.17E-01	6.57E-01	-5.25E-01	-8.10E-01	1.19E+00		1.71E+00	-1.02E+00	-11.30	-9.17E-01	5.25E-01
	-88.00	4.70E-05	-5.01E-05	1.05E-05	-4.04E-05	-6.23E-05	9.12E-05		5.10E-05	-5.41E-05			
47	482.63	-2.81E-01	-1.16E+00	-8.50E-02	-4.26E-01	-1.61E-01	8.16E-01		-1.08E-01	-1.33E+00	-22.02	-2.81E-01	-4.26E-01
	-21.00	5.98E-06	-2.79E-05	1.35E-05	-3.27E-05	-1.24E-05	6.28E-05		1.26E-05	-3.45E-05			
48	485.83	-3.76E+00	-5.88E+00	-3.41E+00	-1.13E+00	-3.66E-02	2.15E+00		-3.27E+00	-6.37E+00	-23.50	-3.92E+00	-1.26E+00
	-12.00	-1.31E-06	-8.27E-05	1.23E-05	-8.73E-05	-2.82E-06	1.65E-04		1.77E-05	-1.02E-04			
49	507.88	1.33E-01	-7.12E-01	2.58E-01	-4.28E-01	-1.21E-01	8.72E-01		3.12E-01	-8.91E-01	-22.67	1.33E-01	-4.28E-01
	-21.00	8.65E-06	-2.39E-05	1.35E-05	-3.29E-05	-9.31E-06	6.71E-05		1.55E-05	-3.07E-05			
50	538.67	-4.03E-01	-2.00E+00	-4.84E-01	-1.46E+00	-5.14E-01	1.56E+00		4.62E-01	-2.86E+00	-30.66	-2.73E+00	-6.53E-01
	-10.00	1.62E-05	-4.52E-05	1.31E-05	-1.12E-04	-3.96E-05	1.20E-04		4.95E-05	-7.84E-05			
51	484.67	2.10E+00	1.34E+00	1.91E+00	1.33E-01	4.72E-02	2.80E-01		2.12E+00	1.32E+00	9.60	1.34E+00	-1.33E-01
	0.00	2.20E-05	-7.28E-06	1.47E-05	1.02E-05	3.63E-06	2.15E-05		2.29E-05	-8.14E-06			
52	507.00	3.06E-01	1.05E-01	7.00E-01	1.38E-01	-2.32E-01	-5.60E-01		4.52E-01	4.95E-02	21.77	4.43E-01	-5.86E-02
	0.00	2.04E-06	-9.16E-06	1.37E-05	1.06E-05	-1.78E-05	-4.31E-05		4.17E-06	-1.13E-05			
53	603.00	3.00E-01	-2.80E-01	4.00E-01	-4.23E-01	-3.00E-01	6.12E-01		5.24E-01	-5.03E-01	-27.79	5.01E-01	-1.50E-01
	-18.00	6.94E-06	-1.54E-05	1.08E-05	-3.26E-05	-2.30E-05	4.71E-05		1.55E-05	-2.40E-05			
54	712.00	-1.57E-01	-5.19E-01	-1.91E-01	-6.57E-01	-1.09E-01	1.13E+00		3.44E-01	-1.02E+00	-37.32	-1.57E-01	-6.57E-01

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	-303.00	4.10E-04	-1.23E-05	2.50E-06	-5.98E-05	-9.92E-06	1.02E-04	2.65E-05	-3.51E-05				
55	712.00	3.67E-01	-3.07E-01	2.24E-01	-6.94E-01	-3.23E-01	1.04E+00	6.02E-01	-7.41E-01	-22.05	3.67E-01	-6.94E-01	
	-213.00	1.30E-05	-1.76E-05	6.49E-06	-6.31E-05	-2.94E-05	9.46E-05	3.28E-05	-3.74E-05				
56	712.00	1.02E+00	-5.57E-02	7.56E-01	-3.79E-01	-7.25E-01	8.60E-01	1.17E+00	-1.73E-01	-17.19	1.05E+00	-3.79E-01	
	-138.00	1.47E-05	-1.65E-05	8.00E-06	-1.72E-05	-3.30E-05	3.91E-05	1.74E-05	-1.31E-05				
57	712.00	4.51E-01	-1.84E-01	4.19E-01	-3.34E-01	-2.93E-01	6.67E-01	5.94E-01	-3.27E-01	-23.21	4.51E-01	-3.34E-01	
	-78.00	9.81E-06	-1.46E-05	8.57E-06	-2.57E-05	-2.25E-05	5.13E-05	1.53E-05	-2.01E-05				
58	712.00	3.88E-01	-3.06E-01	3.59E-01	-4.59E-01	-2.33E-01	7.17E-01	6.16E-01	-5.35E-01	-26.47	3.88E-01	-4.59E-01	
	-18.00	1.01E-05	-1.66E-05	8.96E-06	-3.53E-05	-1.79E-05	5.51E-05	1.89E-05	-2.54E-05				
59	837.00	1.66E+00	7.16E-01	9.51E-01	-5.22E-01	-5.90E-01	9.84E-01	1.85E+00	4.84E-01	-23.90	7.16E-01	5.22E-01	
	-318.00	3.23E-05	-1.07E-05	.00E+00	-4.75E-05	-5.37E-05	8.94E-05	4.29E-05	-2.12E-05				
60	887.00	-1.14E-01	-6.65E-01	-3.12E-01	-1.40E+00	-2.39E-01	2.16E+00	1.03E+00	-1.81E+00	-39.41	-1.75E+00	4.14E-01	
	-288.00	8.99E-06	-1.61E-05	.00E+00	-1.27E-04	-2.17E-05	1.96E-04	6.11E-05	-6.82E-05				
61	987.00	-5.84E-01	-7.64E-01	-5.39E-01	-1.34E+00	1.25E-01	1.97E+00	6.65E-01	-2.01E+00	-43.08	-5.84E-01	-1.34E+00	
	-288.00	-2.05E-06	-1.02E-05	.00E+00	-1.21E-04	1.14E-05	1.79E-04	5.47E-05	-6.70E-05				
62	1037.00	1.25E+00	4.77E-01	6.91E-01	-8.99E-01	-4.77E-01	1.59E+00	1.84E+00	-1.15E-01	-33.38	4.77E-01	8.99E-01	
	-318.00	2.54E-05	-9.70E-06	.00E+00	-8.17E-05	-4.33E-05	1.44E-04	5.23E-05	-3.66E-05				
63	862.00	-2.24E-02	-3.66E-01	-3.20E-02	-7.51E-01	-1.55E-01	1.09E+00	5.76E-01	-9.64E-01	-38.55	-2.24E-02	-7.51E-01	
	-213.00	4.45E-06	-1.12E-05	4.01E-06	-6.82E-05	-1.41E-05	9.89E-05	3.16E-05	-3.84E-05				
64	1012.00	-7.61E-02	-3.79E-01	-8.15E-02	-7.43E-01	-3.45E-02	1.09E+00	5.30E-01	-9.86E-01	-39.23	-7.61E-02	-7.43E-01	
	-213.00	3.51E-06	-1.03E-05	3.27E-06	-6.75E-05	-3.13E-06	9.90E-05	3.11E-05	-3.78E-05				
65	837.00	8.55E-01	-4.26E-01	4.55E-01	-6.91E-01	-4.67E-01	1.14E+00	1.16E+00	-7.26E-01	-23.59	-4.26E-01	6.91E-01	
	-148.00	1.48E-05	-1.43E-05	5.70E-06	-3.14E-05	-2.12E-05	5.20E-05	2.17E-05	-2.12E-05				
66	937.00	4.04E-01	-5.35E-01	2.52E-01	-9.73E-01	-3.57E-01	1.26E+00	1.01E+00	-1.15E+00	-32.13	-1.08E+00	3.81E-01	
	-178.00	8.54E-06	-1.28E-05	5.09E-06	-4.42E-05	-1.62E-05	5.71E-05	2.24E-05	-2.67E-05				
67	1037.00	1.40E+00	-6.12E-01	4.82E-01	-1.03E+00	-7.44E-01	1.44E+00	1.83E+00	-1.05E+00	-22.87	-6.12E-01	1.03E+00	
	-148.00	2.51E-05	-2.06E-05	4.30E-06	-4.69E-05	-3.38E-05	6.53E-05	3.50E-05	-3.05E-05				
68	837.00	4.05E-01	-5.22E-01	1.83E-01	-1.05E+00	-4.35E-01	1.43E+00	1.09E+00	-1.21E+00	-33.09	4.05E-01	-1.05E+00	
	-68.00	1.48E-05	-2.08E-05	6.33E-06	-8.08E-05	-3.35E-05	1.10E-04	4.12E-05	-4.71E-05				
69	937.00	1.12E+00	-1.75E-01	5.53E-01	-7.74E-01	-4.72E-01	9.17E-01	1.48E+00	-5.38E-01	-25.07	-1.75E-01	7.74E-01	
	-88.00	2.66E-05	-2.32E-05	4.82E-06	-5.96E-05	-3.63E-05	7.05E-05	4.05E-05	-3.71E-05				
70	1037.00	-9.30E-01	-2.05E+00	-1.03E+00	-1.28E+00	4.61E-02	2.33E+00	-9.14E-02	-2.88E+00	-33.22	-2.78E+00	5.42E-01	
	-68.00	8.28E-06	-3.47E-05	4.35E-06	-9.85E-05	3.55E-06	1.79E-04	4.05E-05	-6.69E-05				
71	862.00	6.31E-01	-1.53E-01	4.35E-01	-4.76E-01	-3.94E-01	7.97E-01	8.56E-01	-3.78E-01	-25.24	6.31E-01	-4.76E-01	
	-18.00	1.43E-05	-1.59E-05	6.69E-06	-3.66E-05	-3.03E-05	6.13E-05	2.29E-05	-2.46E-05				
72	1012.00	-1.41E-02	-5.59E-01	-2.76E-02	-6.32E-01	-5.61E-02	6.77E-01	4.01E-01	-9.75E-01	-33.33	-1.41E-02	-6.32E-01	
	-18.00	6.06E-06	-1.49E-05	5.54E-06	-4.86E-05	-4.31E-06	5.21E-05	2.20E-05	-3.09E-05				
73	1387.00	-8.34E-02	-1.40E-01	-8.10E-02	-4.49E-01	-4.01E-02	5.49E-01	3.38E-01	-5.62E-01	-43.18	-8.34E-02	-4.49E-01	
	-303.00	1.67E-07	-2.43E-06	2.79E-07	-4.08E-05	-3.64E-06	4.99E-05	1.93E-05	-2.16E-05				
74	1387.00	3.80E-02	-6.58E-02	9.02E-03	-5.25E-01	-1.27E-01	5.73E-01	5.14E-01	-5.42E-01	-42.18	3.80E-02	-5.25E-01	
	-213.00	1.97E-06	-2.75E-06	6.53E-07	-4.77E-05	-1.15E-05	5.21E-05	2.36E-05	-2.44E-05				
75	1387.00	2.02E-01	-4.96E-02	8.55E-02	-4.02E-01	-3.48E-01	3.93E-01	4.98E-01	-3.45E-01	-36.30	2.02E-01	-4.02E-01	
	-138.00	3.35E-06	-2.33E-06	6.92E-07	-1.83E-05	-1.58E-05	1.78E-05	1.01E-05	-9.09E-06				
76	1187.00	6.73E-01	4.40E-01	5.84E-01	-4.99E-01	-5.41E-01	1.24E-01	1.07E+00	4.34E-02	-38.42	6.73E-01	-4.99E-01	
	-68.00	7.25E-06	-1.74E-06	3.80E-06	-3.84E-05	-4.16E-05	9.53E-06	2.25E-05	-1.70E-05				
77	1387.00	3.28E-01	2.65E-03	6.01E-02	-3.60E-01	-4.07E-01	5.61E-01	5.61E-01	-2.30E-01	-32.85	2.65E-03	3.60E-01	
	-88.00	8.32E-06	-4.19E-06	-1.98E-06	-2.77E-05	-3.13E-05	4.32E-05	1.73E-05	-1.31E-05				
78	1587.00	1.46E-02	-1.41E-01	-1.14E-01	-4.10E-01	-7.49E-02	1.47E-01	3.53E-01	-4.80E-01	-39.61	-2.93E-01	3.48E-01	
	-68.00	3.21E-06	-2.79E-06	-1.73E-06	-3.15E-05	-5.76E-06	1.13E-05	1.62E-05	-1.56E-05				
79	1237.00	5.04E-01	9.97E-03	2.65E-01	-4.21E-01	-5.20E-01	4.07E-01	7.45E-01	-2.31E-01	-29.79	5.04E-01	-4.21E-01	
	-18.00	1.08E-05	-8.18E-06	1.63E-06	-3.24E-05	-4.00E-05	3.13E-05	2.01E-05	-1.74E-05				
80	1433.80	2.88E-01	-4.04E-02	4.04E-02	-5.69E-01	-2.85E-01	3.63E-01	7.16E-01	-4.68E-01	-36.95	2.88E-01	-5.69E-01	
	-8.00	7.91E-06	-4.72E-06	-1.61E-06	-4.38E-05	-2.19E-05	2.79E-05	2.44E-05	-2.12E-05				
81	1533.80	4.57E-01	8.74E-02	1.32E-01	-3.19E-01	-1.91E-01	1.61E-01	6.41E-01	-9.69E-02	-29.99	8.74E-02	3.19E-01	
	-28.00	1.01E-05	-4.07E-06	-2.34E-06	-2.46E-05	-1.47E-05	1.24E-05	1.72E-05	-1.12E-05				
82	1633.80	4.47E-01	1.35E-01	1.53E-01	-7.96E-02	-4.60E-02	-2.93E-03	4.66E-01	1.15E-01	-13.49	1.21E-01	-4.31E-02	
	-8.00	9.13E-06	-2.89E-06	-2.20E-06	-6.12E-06	-3.54E-06	-2.25E-07	9.86E-06	-3.63E-06				
83	1433.80	1.95E+00	7.21E-01	9.62E-01	-3.48E-01	-9.75E-01	2.88E-01	2.04E+00	6.25E-01	-14.81	7.21E-01	3.48E-01	
	27.60	3.50E-05	-1.21E-05	-2.86E-06	-2.68E-05	-7.50E-05	2.21E-05	3.85E-05	-1.57E-05				
84	1296.10	7.08E-01	-1.51E-02	2.75E-01	-4.69E-01	-5.37E-01	4.28E-01	9.39E-01	-2.49E-01	-26.11	2.86E-01	5.91E-01	
	40.70	1.66E-05	-1.13E-05	-8.24E-09	-3.61E-05	-4.13E-05	3.37E-05	2.55E-05	-2.02E-05				
85	1148.60	4.26E-01	-6.71E-02	3.16E-01	-5.96E-01	-5.67E-01	-3.09E-02	8.24E-01	-4.65E-01	-33.75	-3.28E-01	-3.98E-01	
	57.3[illegible]	[illegible]8.98E-06	-1.00E-05	4.74E-06	-4.58E-05	-4.36E-05	[illegible]8E-06	2.43E-05	-2.53E-05				
86	1131 [illegible]	[illegible].34E+00	1.29E+00	1.42E+00	-1.09E-03	-1.53E+00	[illegible]E-02	2.36E+00	1.29E+00	-.06	1.29E+00	1.0[illegible]	

	112.00	[illegible]51E-05	-6.24E-06	-9.76E-07	-8.34E-04	-1.17E-04	[illegible]-06	3.51E-05	-6.24E-06				
87	1019.80	[illegible].73E-01	-7.41E-01	1.27[illegible]-01	-5.67E-01	-5.82E-01	[illegible]+00	7.84E-01	-9.52E-01	-20.40	-7.41E-01	5.67E[illegible]	
	34.67	2.25E-05	-2.51E-06	6.33E-06	-4.36E-05	-4.49E-05	1.11E-04	3.06E-05	-3.62E-05				
88	886.60	4.14E-01	-3.45E-01	3.00E-01	-3.89E-01	-2.64E-01	7.25E-01	5.78E-01	-5.09E-01	-22.83	4.14E-01	-3.89E-01	
	46.00	1.19E-05	-1.73E-05	7.48E-06	-2.99E-05	-2.03E-05	5.58E-05	1.82E-05	-2.36E-05				
89	869.80	2.49E+00	1.15E+00	1.77E+00	-1.34E-02	-4.66E-01	4.54E-01	2.48E+00	1.15E+00	-.58	1.15E+00	1.34E-02	
	96.00	3.59E-05	-1.49E-05	8.64E-06	-1.03E-06	-3.58E-05	3.49E-05	3.59E-05	-1.49E-05				
90	952.60	2.60E-01	-1.28E+00	-1.19E-01	-9.57E-01	-3.56E-01	6.13E-01	7.19E-01	-1.73E+00	-25.64	-1.58E+00	6.02E-01	
	128.00	2.25E-05	-3.66E-05	7.89E-06	-7.30E-05	-2.74E-05	4.72E-05	4.01E-05	-5.42E-05				
91	860.80	6.82E-01	5.43E-02	5.89E-01	-3.05E-01	-3.31E-01	1.79E-01	8.06E-01	-6.91E-02	-22.06	6.82E-01	-3.05E-01	
	160.00	1.17E-05	-1.25E-05	8.08E-06	-2.34E-05	-2.55E-05	1.38E-05	1.64E-05	-1.72E-05				
92	869.80	2.56E+00	7.65E-01	1.56E+00	1.66E-01	-8.01E-01	1.79E-01	2.56E+00	7.30E-01	5.17	7.45E-01	-1.66E-01	
	203.60	4.51E-05	-2.49E-05	6.47E-06	1.28E-05	-6.16E-05	1.37E-05	4.57E-05	-2.54E-05				
93	598.67	5.34E-01	-5.97E-01	3.49E-01	-7.85E-01	-4.08E-01	1.17E+00	9.36E-01	-9.99E-01	-27.11	-5.97E-01	7.85E-01	
	16.00	1.74E-05	-2.61E-05	1.03E-05	-6.04E-05	-3.13E-05	8.98E-05	3.29E-05	-4.16E-05				
94	645.75	4.49E-01	-2.52E-01	4.07E-01	-4.66E-01	-2.47E-01	5.83E-01	6.73E-01	-5.16E-01	-25.76	4.49E-01	-4.66E-01	
	24.00	1.11E-05	-1.74E-05	9.45E-06	-3.58E-05	-1.90E-05	4.48E-05	1.97E-05	-2.61E-05				
95	613.10	8.96E-01	7.19E-01	9.74E-01	-5.69E-01	-1.46E-01	4.57E-01	1.38E+00	2.32E-01	-40.56	8.96E-01	-5.69E-01	
	60.33	6.03E-06	-8.09E-07	9.01E-06	-4.39E-05	-1.12E-05	3.51E-05	2.48E-05	-1.95E-05				
96	708.45	7.65E-01	-1.45E-01	5.60E-01	-3.61E-01	-2.32E-01	5.33E-01	8.91E-01	-2.70E-01	-19.20	1.47E-01	5.57E-01	
	55.00	1.65E-05	-1.85E-05	8.58E-06	-2.77E-05	-1.79E-05	4.10E-05	2.13E-05	-2.34E-05				
97	613.10	2.48E+00	1.32E+00	1.84E+00	1.06E-02	-2.74E-01	3.00E-01	2.48E+00	1.32E+00	.52	1.32E+00	-1.06E-02	
	96.00	3.34E-05	-1.13E-05	8.90E-06	8.18E-07	-2.11E-05	2.31E-05	3.34E-05	-1.13E-05				
98	682.27	6.42E-01	-2.57E-01	4.45E-01	-3.00E-01	-1.23E-01	6.51E-01	7.33E-01	-3.48E-01	-16.85	-3.24E-01	-1.60E-01	
	112.00	1.56E-05	-1.90E-05	8.00E-06	-2.31E-05	-9.44E-06	5.01E-05	1.91E-05	-2.25E-05				
99	751.43	1.20E+00	-1.78E+00	9.32E-02	-7.21E-01	-5.34E-01	1.15E+00	1.37E+00	-1.94E+00	-12.91	-1.78E+00	7.21E-01	
	96.00	9.16E-05	-6.31E-05	8.88E-06	-5.55E-05	-4.11E-05	8.88E-05	5.79E-05	-6.95E-05				
100	683.25	6.41E-01	-1.33E-01	4.93E-01	-1.83E-01	-8.04E-02	3.84E-01	6.83E-01	-1.74E-01	-12.66	6.41E-01	-1.83E-01	
	152.00	1.37E-05	-1.61E-05	7.96E-06	-1.41E-05	-6.19E-06	2.95E-05	1.52E-05	-1.77E-05				
101	648.67	3.03E+00	1.60E+00	2.25E+00	1.73E-02	1.29E-02	3.18E-01	3.03E+00	1.60E+00	.69	1.60E+00	-1.73E-02	
	192.00	4.10E-05	-1.41E-05	1.09E-05	1.33E-06	9.94E-07	2.44E-05	4.10E-05	-1.41E-05				
102	725.25	3.31E-01	-3.52E-01	2.33E-01	-3.62E-01	-2.80E-03	1.76E-01	4.87E-01	-5.08E-01	-23.32	-1.09E-01	4.88E-01	
	232.70	1.04E-05	-1.59E-05	6.64E-06	-2.78E-05	-2.15E-07	1.35E-05	1.64E-05	-2.19E-05				
103	635.50	3.82E-01	2.52E-01	4.27E-01	4.16E-02	-8.63E-03	2.48E-01	3.94E-01	2.39E-01	16.32	3.82E-01	4.16E-02	
	256.00	3.03E-06	-1.97E-06	4.77E-06	3.20E-06	-6.64E-07	1.91E-05	3.50E-06	-2.44E-06				
104	635.50	9.42E-01	6.21E-01	8.48E-01	1.19E-01	1.57E-01	-4.27E-02	9.81E-01	5.82E-01	18.27	6.21E-01	-1.19E-01	
	290.67	9.73E-06	-2.61E-06	6.13E-06	9.14E-06	1.20E-05	-3.28E-06	1.12E-05	-4.12E-06				
105	569.00	2.38E-01	-7.29E-01	2.07E-01	-1.01E+00	-3.96E-01	9.77E-01	8.70E-01	-1.36E+00	-32.16	2.38E-01	-1.01E+00	
	16.50	1.23E-05	-2.49E-05	1.11E-05	-7.73E-05	-3.05E-05	7.52E-05	3.66E-05	-4.92E-05				
106	508.50	1.19E+00	6.25E-01	1.19E+00	-1.33E-01	-5.91E-01	3.39E-01	1.22E+00	5.96E-01	-12.56	6.25E-01	1.33E-01	
	13.00	1.28E-05	-9.02E-06	1.28E-05	-1.02E-05	-4.55E-05	2.60E-05	1.39E-05	-1.02E-05				
107	521.00	-3.82E-02	-5.38E-01	2.34E-01	-7.08E-01	-2.87E-01	5.44E-01	4.63E-01	-1.04E+00	-35.28	-3.82E-02	-7.08E-01	
	15.75	2.30E-06	-1.69E-05	1.28E-05	-5.45E-05	-2.21E-05	4.18E-05	2.16E-05	-3.62E-05				
108	526.25	-2.83E-02	-4.81E-01	2.41E-01	-8.08E-01	-2.51E-01	5.66E-01	5.85E-01	-1.05E+00	-37.18	-2.83E-02	-8.08E-01	
	21.00	1.86E-06	-1.55E-05	1.22E-05	-6.22E-05	-1.93E-05	4.35E-05	2.54E-05	-3.91E-05				
109	515.50	9.78E-01	4.78E-01	1.01E+00	-7.54E-01	-3.92E-01	3.43E-01	1.52E+00	-6.65E-02	-35.82	4.78E-01	7.54E-01	
	26.00	1.05E-05	-8.76E-06	1.18E-05	-5.80E-05	-3.02E-05	2.64E-05	3.14E-05	-2.97E-05				
110	531.50	1.24E-01	-3.58E-01	3.07E-01	-7.06E-01	-1.93E-01	4.91E-01	6.29E-01	-8.63E-01	-35.57	1.24E-01	-7.06E-01	
	34.50	3.97E-06	-1.46E-05	1.10E-05	-5.43E-05	-1.48E-05	3.78E-05	2.34E-05	-3.40E-05				
111	515.50	1.16E+00	1.20E+00	1.35E+00	-1.55E+00	-1.49E-01	4.21E-01	2.73E+00	-3.76E-01	-45.34	1.16E+00	-1.55E+00	
	44.00	3.91E-06	5.33E-06	1.11E-05	-1.19E-04	-1.15E-05	3.24E-05	6.44E-05	-5.51E-05				
112	515.50	1.66E+00	9.57E-01	1.44E+00	-4.13E-01	-1.68E-01	2.78E-01	1.85E+00	7.66E-01	-24.84	9.57E-01	4.13E-01	
	53.33	1.93E-05	-7.71E-06	1.07E-05	-3.18E-05	-1.29E-05	2.14E-05	2.66E-05	-1.51E-05				
113	547.50	-7.10E-05	-1.39E+00	-1.84E-01	-9.66E-01	-1.60E-01	4.94E-01	4.97E-01	-1.87E+00	-27.25	-1.65E+00	6.90E-01	
	64.00	1.72E-05	-3.58E-05	1.01E-05	-7.43E-05	-1.23E-05	3.80E-05	3.63E-05	-5.49E-05				
114	515.50	9.21E-01	5.54E-01	9.12E-01	-5.82E-01	-1.02E-01	4.70E-01	1.35E+00	1.27E-01	-36.26	9.21E-01	-5.82E-01	
	74.67	9.18E-06	-4.93E-06	8.86E-06	-4.48E-05	-7.86E-06	3.61E-05	2.56E-05	-2.14E-05				
115	515.50	2.97E+00	1.72E+00	2.19E+00	-2.71E-01	-1.04E-01	2.57E-01	2.93E+00	1.66E+00	-12.61	1.72E+00	2.71E-01	
	88.00	3.59E-05	-8.44E-06	9.84E-06	-2.09E-05	-7.97E-06	1.98E-05	3.82E-05	-1.08E-05				
116	547.50	7.82E-01	-7.74E-01	3.60E-01	-1.18E+00	-1.23E-01	4.96E-01	1.42E+00	-1.41E+00	-28.32	-1.24E+00	6.77E-01	
	104.00	2.63E-05	-3.36E-05	9.26E-06	-9.09E-05	-9.47E-06	3.82E-05	5.08E-05	-5.81E-05				
117	515.50	2.31E-01	-3.05E-01	2.11E-01	-5.24E-01	-1.55E-02	5.47E-01	5.52E-01	-6.26E-01	-21.43	2.31E-01	-5.24E-01	
	120.00	7.40E-06	-1.33E-05	6.61E-06	-4.03E-05	-1.19E-06	4.21E-05	1.97E-05	-2.56E-05				
118	515.50	2.22E+00	1.31E+00	1.70E+00	-2.16E-01	1.05E-01	2.21E-01	2.27E+00	1.26E+00	-12.67	1.31E+00	2.16E-01	

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	136.00	2.79E-05	-7.14E-06	7.95E-06	-1.66E-05	8.05E-06	1.70E-05	2.98E-05	-9.01E-06				
119	547.50	7.37E-01	-3.71E-01	4.19E-01	-6.75E-01	4.33E-03	1.81E-01	1.06E+00	-6.91E-01	-25.32	-6.24E-01	3.35E-01	
	152.00	1.97E-05	-2.29E-05	7.48E-06	-5.20E-05	3.33E-07	1.39E-05	3.20E-05	-3.52E-05				
120	515.50	3.27E-01	-2.55E-01	1.76E-01	-2.09E-01	4.87E-02	5.26E-01	3.91E-01	-3.62E-01	-16.88	3.27E-01	-2.09E-01	
	168.00	1.03E-05	-1.37E-05	4.53E-06	-1.61E-05	3.74E-06	4.04E-05	1.28E-05	-1.62E-05				
121	515.50	2.82E+00	1.73E+00	2.07E+00	-1.98E-01	2.45E-01	1.69E-01	2.85E+00	1.70E+00	-10.02	1.73E+00	1.98E-01	
	184.00	3.56E-05	-6.19E-06	6.94E-06	-1.53E-05	1.89E-05	1.30E-05	3.70E-05	-7.54E-06				
122	547.50	4.06E-01	-1.02E+00	-8.26E-03	-9.92E-01	9.58E-02	3.15E-01	9.14E-01	-1.53E+00	-27.13	-1.40E+00	5.40E-01	
	200.00	2.25E-05	-3.24E-05	6.54E-06	-7.63E-05	7.37E-06	2.42E-05	4.20E-05	-5.20E-05				
123	515.50	-6.97E-01	-1.46E+00	-7.75E-01	-2.15E-01	2.07E-01	8.12E-01	-6.41E-01	-1.52E+00	-14.69	-6.97E-01	-2.15E-01	
	216.00	5.40E-06	-2.39E-05	2.43E-06	-1.65E-05	1.59E-05	6.24E-05	7.56E-06	-2.61E-05				
124	515.50	1.36E+00	8.43E-01	1.10E+00	-1.52E-01	6.69E-01	1.12E-01	1.60E+00	8.01E-01	-15.20	8.43E-01	1.52E-01	
	232.00	1.61E-05	-3.86E-06	5.88E-06	-1.17E-05	5.15E-05	8.60E-06	1.77E-05	-5.45E-06				
125	547.50	7.79E-01	5.07E-01	7.16E-01	-2.97E-01	3.32E-01	-4.03E-01	9.70E-01	3.16E-01	-32.70	3.83E-01	1.98E-01	
	248.00	7.97E-06	-2.51E-06	5.54E-06	-2.29E-05	2.56E-05	-3.10E-05	1.53E-05	-9.85E-06				
126	515.50	-8.23E-01	-1.51E+00	-8.94E-01	8.46E-02	2.86E-01	8.06E-01	-8.13E-01	-1.52E+00	6.97	-8.23E-01	8.46E-02	
	264.00	3.74E-06	-2.25E-05	1.03E-06	6.51E-05	2.20E-05	6.20E-05	4.14E-06	-2.29E-05				
127	515.50	1.03E+00	7.07E-01	8.87E-01	-1.83E-01	8.54E-01	5.14E-02	1.12E+00	6.25E-01	-24.17	7.07E-01	1.83E-01	
	276.00	1.09E-05	-1.67E-06	5.23E-06	-1.41E-05	6.57E-05	3.95E-06	1.40E-05	-4.83E-06				
128	531.50	1.76E-01	5.88E-02	1.63E-01	-7.39E-02	2.67E-01	1.12E-02	2.12E-01	2.30E-02	-25.83	1.76E-01	-7.39E-02	
	297.00	2.39E-06	-2.11E-06	1.90E-06	-5.69E-06	2.06E-05	8.62E-07	3.77E-06	-3.48E-06				
129	515.50	-1.16E+00	-1.79E+00	-1.19E+00	3.80E-02	3.02E-01	6.61E-01	-1.15E+00	-1.78E+00	3.48	-1.16E+00	3.80E-02	
	320.00	8.83E-07	-2.31E-05	-4.89E-07	2.92E-06	2.32E-05	5.08E-05	9.72E-07	-2.32E-05				
183	565.50	2.67E-01	-1.09E+00	1.24E-01	-1.38E+00	-5.19E-01	1.23E+00	1.12E+00	-1.95E+00	-31.88	2.67E-01	-1.38E+00	
	-8.00	1.80E-05	-3.43E-05	1.25E-05	-1.06E-04	-3.99E-05	9.47E-05	5.10E-05	-6.73E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .2300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3918E+02	-.2327E+03	-.4231E+03	-.2667E+02	-.9641E+02	.5731E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3619E+01	-.2517E+01	-.1967E+01	-.8092E+01	.2433E+02	.2088E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.5495E+01	.1139E+01	-.1138E+01	-.7806E+01	.5982E+02	.3481E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.7277E+01	-.1521E+01	-.5616E+00	-.9652E+01	.8991E+02	.5074E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.8907E+01	.1470E+01	-.5244E+00	-.1331E+02	.1210E+03	.6712E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2810E+01	.9627E-01	-.6897E+00	-.2426E+02	.1495E+03	.8521E+02
25	-.1182E+02	-.1981E+01	-.3487E+00	-.3474E+02	.1641E+03	.1019E+03
26	.3660E+02	.5861E+01	-.5762E+00	-.3439E+02	.1728E+03	.1142E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.2920E+02	.8395E+01	-.2957E+01	-[illegible]02	.2302E+03	.1234E+03

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1645E+04	-.2515E+03	-.1153E+02	-.5452E+02	.5727E+03	.1927E+03
40	-.4830E+03	-.1081E+03	-.2431E+02	-.4310E+02	.5675E+03	.1773E+03
41	-.2040E+03	-.1215E+02	-.2572E+02	-.3058E+02	.5158E+03	.1554E+03
42	.1373E+02	.1986E+02	-.1387E+02	-.2670E+02	.3744E+03	.1356E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.5141E+03	-.9855E+02	-.3882E+01	.2873E+02	.5856E+03	-.8297E+02
48	-.4864E+03	-.8213E+02	-.4202E+01	-.6334E+02	.5331E+03	-.6201E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.7438E+03	.1173E+03	.2766E+01	-.1637E+03	.3732E+03	-.2906E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2082E+01	-.2593E+02	-.9538E+01	.2067E+02	.5784E+03	-.7536E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.5225E+03	.8120E+02	.2924E+01	-.1529E+03	.3110E+03	-.2776E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3781E+03	.5949E+02	.4171E+01	-.1432E+03	.3064E+03	-.2710E+03
66	.1646E+03	.2732E+02	.5528E+01	-.1530E+03	.2881E+03	-.2804E+03
67	-.1855E+03	-.2522E+02	.5833E+01	-.1510E+03	.2748E+03	-.2803E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3329E+03	-.4709E+02	.5563E+01	-.1701E+03	.2760E+03	-.2692E+03
76	.2663E+02	.6789E+01	.4592E+01	-.1856E+03	.2605E+03	-.2701E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1484E+03	-.1980E+02	.3815E+01	-.1842E+03	.2265E+03	-.2623E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.4813E+02	.9429E+01	.3269E+01	-.1984E+03	.1981E+03	-.2524E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.9337E+02	-.1217E+02	.2923E+01	-.1761E+03	.1631E+03	-.2371E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2710E+02	.5612E+01	.2429E+01	-.1628E+03	.1351E+03	-.2189E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3962E+02	-.4694E+01	.2556E+01	-.1524E+03	.1070E+03	-.1963E+03
109	.1389E+02	.3052E+01	.2549E+01	-.1439E+03	.7828E+02	-.1712E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.3861E+02	-.5117E+01	.2649E+01	-.1047E+03	.5394E+02	-.1383E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9645E+02	-.1406E+02	.1537E+01	-.7685E+02	.3054E+02	-.1064E+03
115	.5056E+02	.7886E+01	.1528E+01	-.4664E+02	.2307E+02	-.7103E+02
116	-.6188E+02	-.9200E+01	.1919E+01	-.2316E+02	.4223E+01	-.4458E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1547E+02	-.2332E+01	.1654E+01	-.4664E+02	-.7996E+01	-.4804E+02
119	.3049E+02	.4397E+01	.2130E+01	.9177E+01	-.1476E+02	-.1858E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2788E+02	-.7099E+01	-.2229E+01	.2544E+02	-.3817E+02	-.3298E+01
122	-.3143E+02	-.9289E+01	-.7205E+01	-.4589E+01	-.4284E+02	-.1272E+02
123	-.2921E+02	-.7517E+01	-.6155E+01	-.4424E+01	-.4043E+02	-.1224E+02
124	-.2699E+02	-.5792E+01	-.4191E+01	-.4241E+01	-.3595E+02	-.1184E+02
125	-.2314E+02	-.4360E+01	-.3049E+01	-.4060E+01	-.3247E+02	-.1143E+02
126	-.1693E+02	-.2896E+01	-.2928E+01	-.3881E+01	-.3159E+02	-.1099E+02
127	-.1089E+02	-.1685E+01	-.3160E+01	-.3616E+01	-.3130E+02	-.1024E+02
128	-.2879E+01	-.1225E+00	-.3517E+01	-.3110E+01	-.2884E+02	-.9300E+01
129	.6919E+00	.5057E+00	-.3496E+01	-.2584E+01	-.2484E+02	-.8135E+01
130	.2518E+01	.7116E+00	-.3158E+01	-.2076E+01	-.1994E+02	-.6846E+01
131	.1433E+01	.2383E+00	-.2648E+01	-.1511E+01	-.1424E+02	-.5605E+01
132	-.7126E-01	-.6451E-01	-.2044E+01	-.1222E+01	-.1061E+02	-.4439E+01
133	.4325E-01	-.3358E-01	-.1786E+01	-.9643E+00	-.8257E+01	-.3508E+01
134	-.3363E-01	-.4700E-01	-.1716E+01	-.7336E+00	-.6237E+01	-.2700E+01
135	-.7803E-01	-.3219E-01	-.1923E+01	-.5264E+00	-.4447E+01	-.1995E+01
136	.2201E-01	-.1829E-01	-.2529E+01	-.3213E+00	-.2927E+01	-.1348E+01
137	-.3177E-02	-.3263E-02	-.3739E+01	-.6495E-01	-.1367E+01	-.7509E+00
138	.6176E-01	-.3865E-01	-.4002E+02	.1733E+00	.4243E+00	-.4300E+00
139	-.3676E-01	-.5974E-01	-.4655E+02	.5636E-02	-.2387E+00	.2795E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.24526E-01	.14188E-03	-.24822E-01	.00000E+00
3	.44610E-01	.53909E-03	-.44546E-01	.00000E+00
4	.48187E-01	.56575E-03	-.47896E-01	.00000E+00
5	.51772E-01	-.91311E-04	-.51793E-01	.00000E+00
6	.59245E-01	.20553E-04	-.58234E-01	.24350E-04
7	.53708E-01	.15924E-02	-.54566E-01	.00000E+00
8	.58429E-01	.12710E-02	-.59696E-01	.57355E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.24536E-01	.43711E-03	-.24886E-01	.00000E+00
11	.44846E-01	.99355E-03	-.45812E-01	.00000E+00
12	.49692E-01	.12591E-02	-.50872E-01	.00000E+00
13	.53719E-01	.10576E-02	-.54472E-01	.00000E+00
14	.58749E-01	.15143E-02	-.59938E-01	.13312E-04
[illegible]	.54238E-01	.27370E-02	-.57750E-01	[illegible]0000E+00
[illegible]	.59250E-01	.26147E-02	-.61966E-01	[illegible]3956E-05

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.24685E-01	.79387E-03	-.26310E-01	.00000E+00
19	.45609E-01	.17776E-02	-.49835E-01	.00000E+00
20	.50529E-01	.22566E-02	-.54463E-01	.00000E+00
21	.54909E-01	.19747E-02	-.58510E-01	.00000E+00
22	.59909E-01	.24750E-02	-.64739E-01	.96127E-05
23	.56176E-01	.44985E-02	-.64016E-01	.00000E+00
24	.60765E-01	.42689E-02	-.68468E-01	.31233E-04
25	.61359E-01	.50648E-02	-.70795E-01	.51303E-05
26	.61711E-01	.51112E-02	-.72158E-01	.97508E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.24348E-01	.15596E-02	-.27756E-01	.00000E+00
29	.46170E-01	.34358E-02	-.52223E-01	.00000E+00
30	.51645E-01	.42978E-02	-.58900E-01	.00000E+00
31	.56911E-01	.49296E-02	-.65574E-01	.00000E+00
32	.62070E-01	.58653E-02	-.73657E-01	.82217E-04
33	.56530E-01	.65636E-02	-.65885E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.23961E-01	.20197E-02	-.27988E-01	.00000E+00
36	.46218E-01	.42239E-02	-.53218E-01	.00000E+00
37	.52062E-01	.48434E-02	-.59102E-01	.00000E+00
38	.58062E-01	.63951E-02	-.68333E-01	.00000E+00
39	.62904E-01	.82276E-02	-.76319E-01	-.18738E-04
40	.62782E-01	.81523E-02	-.75708E-01	.28758E-04
41	.62666E-01	.76670E-02	-.75134E-01	.56604E-04
42	.62408E-01	.68475E-02	-.74468E-01	.78210E-04
43	.50666E-01	.58104E-02	-.59023E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.21566E-01	.77712E-03	-.26267E-01	.00000E+00
46	.45042E-01	.39262E-02	-.52234E-01	.00000E+00
47	.62962E-01	.80086E-02	-.76569E-01	-.29603E-04
48	.62945E-01	.81277E-02	-.76520E-01	-.38815E-04
49	.57948E-01	.64749E-02	-.67851E-01	.00000E+00
50	.63466E-01	.81634E-02	-.76759E-01	-.12834E-03
51	.57678E-01	.67593E-02	-.67179E-01	.00000E+00
52	.64921E-01	.73605E-02	-.73249E-01	.00000E+00
53	.63014E-01	.77648E-02	-.76748E-01	-.15670E-04
54	.49906E-01	.42509E-02	-.55716E-01	.00000E+00
55	.56198E-01	.56102E-02	-.61550E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.18320E-01	.22944E-02	-.20230E-01	.00000E+00
58	.39514E-01	.21771E-02	-.38771E-01	.00000E+00
59	.65690E-01	.62406E-02	-.70552E-01	.00000E+00
60	.64754E-01	.71313E-02	-.71498E-01	.00000E+00
61	.63968E-01	.81999E-02	-.76927E-01	-.20153E-03
62	.46736E-01	.24720E-02	-.46733E-01	.00000E+00
63	.54229E-01	.29394E-02	-.55613E-01	.00000E+00
64	.66264E-01	.74438E-02	-.74158E-01	.00000E+00
65	.66653E-01	.82148E-02	-.77083E-01	-.25236E-03
66	.66365E-01	.82618E-02	-.77396E-01	-.30936E-03
67	.68227E-01	.83075E-02	-.77740E-01	-.29713E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.14242E-01	-.39113E-04	-.12583E-01	.00000E+00
70	.41484E-01	.13636E-02	-.40406E-01	.00000E+00
71	.63153E-01	.37095E-02	-.64024E-01	.00000E+00
72	.67942E-01	.73067E-02	-.74499E-01	.00000E+00
73	.51203E-01	.19027E-02	-.47245E-01	.00000E+00
74	.72132E-01	.76361E-02	-.77381E-01	.00000E+00
75	.69825E-01	.83482E-02	-.78037E-01	-.22900E-03
76	.72017E-01	.84870E-02	-.78562E-01	-.16333E-03
77	.59451E-01	.23446E-02	-.56538E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.16784E-01	.75389E-03	-.17178E-01	.00000E+00
80	.39098E-01	.37979E-03	-.36869E-01	.00000E+00

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81	.43379E-01	.57766E-03	-.40375E-01	.00000E+00
82	.49747E-01	.81168E-03	-.43035E-01	.00000E+00
83	.70597E-01	.44949E-02	-.70776E-01	.00000E+00
84	.65635E-01	.27188E-02	-.64033E-01	.00000E+00
85	.74515E-01	.86071E-02	-.79244E-01	-.13185E-03
86	.74738E-01	.79311E-02	-.79045E-01	.00000E+00
87	.59537E-01	.18484E-02	-.55049E-01	.00000E+00
88	.74422E-01	.68601E-02	-.75882E-01	.00000E+00
89	.76275E-01	.87387E-02	-.79975E-01	-.10753E-03
90	.44904E-01	-.66160E-04	-.31377E-01	.00000E+00
91	.48494E-01	-.12215E-03	-.34583E-01	.00000E+00
92	.52525E-01	.96645E-03	-.36924E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.19191E-01	.00000E+00	-.13367E-01	.00000E+00
95	.35414E-01	.00000E+00	-.23969E-01	.00000E+00
96	.40692E-01	.00000E+00	-.27399E-01	.00000E+00
97	.42522E-01	.00000E+00	-.27271E-01	.00000E+00
98	.41761E-01	.00000E+00	-.26634E-01	.00000E+00
99	.45880E-01	.33977E-03	-.29077E-01	.00000E+00
100	.58143E-01	.15762E-02	-.43225E-01	.00000E+00
101	.70834E-01	.42893E-02	-.65082E-01	.00000E+00
102	.78959E-01	.90259E-02	-.80789E-01	-.95528E-04
103	.74168E-01	.55219E-02	-.73849E-01	.00000E+00
104	.79670E-01	.87603E-02	-.81521E-01	.00000E+00
105	.80843E-01	.92029E-02	-.81524E-01	-.80788E-04
106	.77896E-01	.65547E-02	-.78977E-01	.00000E+00
107	.82642E-01	.92490E-02	-.82889E-01	.00000E+00
108	.82929E-01	.93903E-02	-.82210E-01	-.77102E-04
109	.84487E-01	.95325E-02	-.82687E-01	-.65908E-04
110	.83228E-01	.10084E-01	-.82394E-01	.00000E+00
111	.86190E-01	.10306E-01	-.85212E-01	.00000E+00
112	.86130E-01	.96956E-02	-.83082E-01	-.58807E-04
113	.85439E-01	.95452E-02	-.83424E-01	.00000E+00
114	.87065E-01	.97115E-02	-.83216E-01	-.20826E-04
115	.87313E-01	.97300E-02	-.83281E-01	-.55145E-05
116	.87378E-01	.97352E-02	-.83055E-01	.35686E-05
117	.86739E-01	.10584E-01	-.86018E-01	.00000E+00
118	.87283E-01	.97425E-02	-.82951E-01	.11999E-04
119	.86959E-01	.97403E-02	-.82720E-01	.19245E-04
120	.87342E-01	.10517E-01	-.85223E-01	.00000E+00
121	.86370E-01	.96350E-02	-.82272E-01	.33271E-04
122	.86302E-01	.93517E-02	-.82319E-01	.41542E-04
123	.86195E-01	.90789E-02	-.82339E-01	.48326E-04
124	.86069E-01	.87612E-02	-.82360E-01	.56462E-04
125	.85895E-01	.83973E-02	-.82376E-01	.66713E-04
126	.85539E-01	.76390E-02	-.82402E-01	.80343E-04
127	.85140E-01	.68013E-02	-.82424E-01	.85100E-04
128	.84328E-01	.49966E-02	-.82469E-01	.76103E-04
129	.83705E-01	.35355E-02	-.82505E-01	.57514E-04
130	.83249E-01	.23242E-02	-.82544E-01	.34158E-04
131	.82987E-01	.15211E-02	-.82606E-01	.60362E-05
132	.82980E-01	.14766E-02	-.82667E-01	-.15479E-05
133	.83001E-01	.14650E-02	-.82725E-01	.17039E-05
134	.82975E-01	.12847E-02	-.82776E-01	.49156E-05
135	.82939E-01	.99931E-03	-.82823E-01	.65897E-05
136	.82909E-01	.68262E-03	-.82854E-01	.65273E-05
137	.82892E-01	.36650E-03	-.82877E-01	.68978E-05
138	.82881E-01	.49341E-04	-.82882E-01	.58552E-05
139	.82881E-01	.63913E-05	-.82881E-01	.63269E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 TIME = .2400E+01

ELM	R-DR / Z-DRI	R-STRESS / R-STRAIN	Z-STRESS / Z-STRAIN	T-STRESS / T-STRAIN	RZ-STRESS / RZ-STRAIN	RT-STRESS / RT-STRAIN	Z[illegible]ESS / Z[illegible]AIN	MAX-STRESS / MAX-STRAIN	MIN-STRESS / MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-
1	72.00	4.51E-02	1.15E-01	-4.95E-03	3.01E+00	2.22E-02	-3.06E+00	3.09E+00	-2.93E+00	45.33	4.51E-02	3.01E+00
	-303.00	3.46E-08	3.22E-06	-2.24E-06	2.74E-04	2.02E-06	-2.78E-04	1.38E-04	-1.35E-04			
2	72.00	5.27E-02	1.50E-01	-8.42E-02	2.50E+00	8.35E-03	-2.56E+00	2.60E+00	-2.40E+00	45.56	5.27E-02	2.50E+00
	-213.00	8.53E-07	5.29E-06	-5.37E-06	2.27E-04	7.59E-07	-2.33E-04	1.17E-04	-1.10E-04			
3	72.00	3.40E-01	1.87E-01	-2.00E-01	1.63E+00	-1.86E-01	-1.80E+00	1.90E+00	-1.37E+00	43.66	3.40E-01	1.63E+00
	-138.00	6.01E-06	2.53E-06	-6.25E-06	7.41E-05	-8.47E-06	-6.18E-05	4.14E-05	-3.26E-05			
4	24.00	2.47E+00	1.64E+00	2.08E+00	3.05E+00	-6.58E-01	-3.44E+00	5.13E+00	-1.03E+00	41.13	2.47E+00	3.05E+00
	-68.00	2.69E-05	-5.01E-06	1.21E-05	2.35E-04	-5.06E-05	-2.65E-04	1.29E-04	-1.08E-04			
5	72.00	-1.01E+00	-6.23E-01	-1.26E+00	1.41E+00	1.11E-02	-1.43E+00	6.02E-01	-2.24E+00	48.95	-6.23E-01	-1.41E+00
	-88.00	-7.19E-06	7.63E-06	-1.65E-05	1.08E-04	8.51E-07	-1.10E-04	5.49E-05	-5.43E-05			
6	120.00	-5.98E-01	-6.50E-01	-8.60E-01	2.53E+00	1.46E-01	-2.50E+00	1.90E+00	-3.15E+00	44.71	1.86E+00	-4.81E-01
	-68.00	1.58E-07	-1.83E-06	-9.92E-06	1.94E-04	1.12E-05	-1.92E-04	9.64E-05	-9.80E-05			
7	36.25	6.47E-01	2.13E-01	5.91E-02	1.52E+00	-1.92E-01	-1.43E+00	1.96E+00	-1.10E+00	40.94	5.94E-01	1.53E+00
	-19.00	1.48E-05	-1.00E-06	-7.83E-06	1.17E-04	-1.47E-05	-1.10E-04	6.54E-05	-5.26E-05			
8	108.00	-9.28E-02	-1.05E-01	-3.37E-01	1.07E+00	-1.13E-02	-1.24E+00	9.75E-01	-1.17E+00	44.84	-9.28E-02	1.07E+00
	-19.00	2.31E-06	1.86E-06	-7.10E-06	8.26E-05	-8.73E-07	-9.54E-05	4.34E-05	-3.92E-05			
9	216.00	2.35E-01	3.74E-01	1.73E-01	3.02E+00	-2.92E-02	-3.14E+00	3.33E+00	-2.72E+00	45.66	2.35E-01	3.02E+00
	-303.00	5.18E-07	6.84E-06	-2.29E-06	2.75E-04	-2.66E-06	-2.88E-04	1.41E-04	-1.34E-04			
10	216.00	2.72E-01	3.90E-01	4.50E-02	2.56E+00	-9.14E-02	-2.71E+00	2.90E+00	-2.23E+00	45.66	2.72E-01	2.56E+00
	-213.00	3.17E-06	8.56E-06	-7.14E-06	2.33E-04	-8.31E-06	-2.46E-04	1.22E-04	-1.11E-04			
11	216.00	3.06E-01	3.30E-01	-4.21E-01	1.94E+00	-2.70E-01	-2.12E+00	2.26E+00	-1.62E+00	45.17	3.06E-01	1.94E+00
	-138.00	5.84E-06	6.37E-06	-1.07E-05	8.81E-05	-1.23E-05	-9.64E-05	5.01E-05	-3.79E-05			
12	168.00	1.14E+00	1.43E+00	7.71E-01	3.05E+00	-5.00E-01	-3.15E+00	4.34E+00	-1.77E+00	46.35	1.14E+00	3.05E+00
	-68.00	7.20E-06	1.82E-05	-7.08E-06	2.35E-04	-3.84E-05	-2.42E-04	1.30E-04	-1.05E-04			
13	216.00	-1.23E+00	-5.67E-01	-1.37E+00	1.32E+00	-1.19E-01	-1.20E+00	4.58E-01	-2.26E+00	52.08	-5.67E-01	-1.32E+00
	-88.00	-1.35E-05	1.30E-05	-1.79E-05	1.01E-04	-9.15E-06	-9.27E-05	5.24E-05	-5.19E-05			
14	264.00	-2.73E-01	-6.26E-01	-8.92E-01	2.49E+00	5.30E-02	-2.58E+00	2.04E+00	-2.95E+00	42.97	1.96E+00	-6.22E-01
	-68.00	9.19E-06	-4.39E-06	-1.46E-05	1.91E-04	4.08E-06	-1.98E-04	9.83E-05	-9.35E-05			
15	180.00	1.21E-01	1.61E-02	-3.58E-01	1.37E+00	-3.31E-01	-1.23E+00	1.44E+00	-1.31E+00	43.91	1.21E-01	1.37E+00
	-19.00	7.07E-06	3.06E-06	-1.13E-05	1.06E-04	-2.55E-05	-9.46E-05	5.80E-05	-4.78E-05			
16	252.00	1.48E-01	5.44E-03	-4.70E-01	1.03E+00	-1.34E-01	-1.30E+00	1.11E+00	-9.54E-01	43.02	1.48E-01	1.03E+00
	-19.00	9.17E-06	3.69E-06	-1.46E-05	7.91E-05	-1.03E-05	-1.00E-04	4.61E-05	-3.32E-05			
17	361.00	3.46E-01	6.59E-01	2.94E-01	3.03E+00	-1.61E-02	-3.32E+00	3.53E+00	-2.53E+00	46.48	3.46E-01	3.03E+00
	-303.00	-1.16E-06	1.31E-05	-3.49E-06	2.75E-04	-1.47E-06	-3.02E-04	1.44E-04	-1.32E-04			
18	361.00	3.13E-01	6.46E-01	7.84E-02	2.70E+00	-7.31E-02	-2.93E+00	3.19E+00	-2.23E+00	46.76	3.13E-01	2.70E+00
	-213.00	7.62E-07	1.59E-05	-9.91E-06	2.46E-04	-6.65E-06	-2.66E-04	1.31E-04	-1.15E-04			
19	361.00	3.04E-01	5.25E-01	-5.59E-01	2.19E+00	-2.79E-01	-2.43E+00	2.61E+00	-1.78E+00	46.44	3.04E-01	2.19E+00
	-138.00	5.50E-06	1.05E-05	-1.41E-05	9.95E-05	-1.27E-05	-1.11E-04	5.78E-05	-4.18E-05			
20	312.00	1.99E+00	2.15E+00	1.20E+00	3.54E+00	-8.33E-01	-3.92E+00	5.61E+00	-1.48E+00	45.66	1.99E+00	3.54E+00
	-68.00	1.77E-05	2.40E-05	-1.24E-05	2.73E-04	-6.41E-05	-3.01E-04	1.57E-04	-1.15E-04			
21	360.67	-1.96E+00	-1.33E+00	-2.05E+00	1.79E+00	-7.31E-02	-1.82E+00	1.68E-01	-3.47E+00	49.97	-1.33E+00	-1.79E+00
	-88.00	-1.67E-05	7.43E-06	-2.01E-05	1.38E-04	-5.62E-06	-1.40E-04	6.52E-05	-7.45E-05			
22	400.33	1.24E+00	1.77E+00	5.58E-01	3.30E+00	-4.33E-02	-4.13E+00	4.81E+00	-1.80E+00	47.27	4.78E+00	-4.25E-01
	-68.00	8.58E-06	2.87E-05	-1.77E-05	2.54E-04	-3.33E-06	-3.18E-04	1.46E-04	-1.09E-04			
23	324.00	3.61E-01	6.16E-02	-5.06E-01	1.47E+00	-5.88E-01	-1.33E+00	1.69E+00	-1.27E+00	42.10	3.61E-01	1.47E+00
	-19.00	1.48E-05	3.28E-06	-1.85E-05	1.13E-04	-4.53E-05	-1.03E-04	6.60E-05	-4.79E-05			
24	372.00	3.15E-01	-5.30E-02	-6.62E-01	3.51E+00	-5.66E-01	-3.67E+00	3.64E+00	-3.38E+00	43.50	3.15E-01	3.51E+00
	-0.33	1.65E-05	2.36E-06	-2.11E-05	2.70E-04	-4.36E-05	-2.82E-04	1.44E-04	-1.26E-04			
25	401.25	6.35E-02	-9.86E-02	-8.42E-01	1.17E+00	-2.10E-01	-1.58E+00	1.15E+00	-1.19E+00	43.02	-1.03E+00	5.91E-01
	-19.00	1.21E-05	5.84E-06	-2.27E-05	8.99E-05	-1.62E-05	-1.22E-04	5.40E-05	-3.61E-05			
26	427.67	2.25E+00	2.68E+00	1.23E+00	3.97E+00	-7.59E-01	-5.25E+00	6.44E+00	-1.51E+00	46.54	4.64E+00	3.33E+00
	-0.33	1.99E-05	3.54E-05	-2.05E-05	3.06E-04	-5.84E-05	-4.04E-04	1.80E-04	-1.26E-04			
27	457.00	4.19E-01	9.49E-01	4.22E-01	3.01E+00	1.71E-02	-3.43E+00	3.70E+00	-2.34E+00	47.52	4.19E-01	3.01E+00
	-303.00	-4.20E-06	1.59E-05	-4.07E-06	2.73E-04	1.55E-06	-3.12E-04	1.45E-04	-1.25E-04			
28	457.00	2.61E-01	6.41E-01	9.58E-02	2.84E+00	-2.33E-02	-3.10E+00	3.41E+00	-2.31E+00	47.91	2.61E-01	2.84E+00
	-213.00	-3.68E-06	2.27E-05	-1.12E-05	2.58E-04	-2.12E-06	-2.82E-04	1.39E-04	-1.20E-04			
29	457.00	2.78E-01	5.66E-01	-6.02E-01	2.42E+00	4.30E-02	-2.50E+00	2.84E+00	-2.00E+00	46.70	2.78E-01	2.42E+00
	-138.00	5.06E-06	1.16E-05	-1.50E-05	1.10E-04	1.95E-06	-1.14E-04	6.33E-05	-4.67E-05			
30	442.00	1.53E+00	3.48E+00	1.40E+00	4.18E+00	4.49E-02	-4.53E+00	6.80E+00	-1.79E+00	51.56	1.53E+00	4.18E+00
	-68.00	-1.17E-05	6.33E-05	-1.64E-05	3.22E-04	3.45E-06	-3.48E-04	1.91E-04	-1.39E-04			
31	457.33	-4.72E+00	-1.54E+00	-3.06E+00	1.34E+00	2.00E+00	-2.37E+00	-1.05E+00	-5.21E+00	69.90	-1.54E+00	-1.34E+00

	-88.00	-7.90E-05	4.32E-05	-1.[illegible]4E-05	1.03E-04	1.54E-04	-1.82E-04	6.21E-05	-9.79E-05					
32	472.67	8.84E+00	9.12E+00	6.64E+00	3.47E+00	-1.25E+00	-5.60E+00	1.24E+01	5.51E+00	46.15	1.11E+01	2.74E+00		
	-68.00	6.06E-05	8.04E-05	-1.49E-05	2.67E-04	-9.64E-05	-4.31E-04	2.09E-04	-5.85E-05					
33	443.00	6.73E-01	8.43E-01	-2.69E-01	2.26E+00	-2.97E-01	-2.14E+00	2.03E+00	-1.51E+00	46.10	6.73E-01	2.26E+00		
	-10.50	1.19E-05	1.86E-05	-2.36E-05	1.74E-04	-2.29E-05	-1.65E-04	1.02E-04	-7.15E-05					
34	454.00	7.39E+00	6.56E+00	4.82E+00	5.36E+00	-1.54E+00	-6.71E+00	1.23E+01	1.60E+00	42.82	9.54E+00	4.72E+00		
	-11.33	7.76E-05	4.61E-05	-2.06E-05	4.12E-04	-1.18E-04	-5.16E-04	2.68E-04	-1.45E-04					
35	461.67	3.42E+00	4.59E+00	2.62E+00	5.03E+00	-4.15E-01	-7.00E+00	9.29E+00	-8.94E-01	49.39	3.42E+00	5.03E+00		
	-12.00	1.05E-05	7.03E-05	-2.03E-05	3.97E-04	-3.19E-05	-5.39E-04	2.36E-04	-1.55E-04					
36	469.00	-4.47E+00	-1.24E+00	-3.05E+00	4.67E-01	1.75E+00	-2.84E+00	-1.18E+00	-4.54E+00	81.93	-1.24E+00	-4.67E-01		
	-30.00	-7.52E-05	4.88E-05	-2.19E-05	3.59E-05	1.35E-04	-2.18E-04	5.14E-05	-7.78E-05					
37	476.33	4.96E+00	7.29E+00	4.11E+00	3.56E+00	-4.42E-01	-5.79E+00	9.86E+00	2.38E+00	54.05	6.44E+00	3.73E+00		
	-12.00	1.10E-05	1.00E-04	-2.16E-05	2.74E-04	-3.40E-05	-4.46E-04	2.00E-04	-8.82E-05					
38	558.50	8.47E-03	5.18E-01	9.03E-02	2.74E+00	1.03E-01	-3.33E+00	3.01E+00	-2.49E+00	47.66	8.47E-03	2.74E+00		
	-302.00	-7.63E-06	1.55E-05	-3.91E-06	2.49E-04	9.39E-06	-3.03E-04	1.29E-04	-1.21E-04					
39	558.50	1.07E-01	1.01E+00	1.31E-01	2.74E+00	2.08E-01	-3.18E+00	3.34E+00	-2.22E+00	49.68	1.07E-01	2.74E+00		
	-213.00	-1.14E-05	2.57E-05	-1.03E-05	2.49E-04	1.89E-05	-2.89E-04	1.35E-04	-1.17E-04					
40	506.17	-2.72E-01	2.58E+00	-9.79E-02	6.19E+00	3.26E-01	-6.63E+00	7.51E+00	-5.20E+00	51.49	-2.72E-01	6.19E+00		
	-128.00	-1.78E-05	4.71E-05	-1.38E-05	2.81E-04	1.48E-05	-3.01E-04	1.59E-04	-1.30E-04					
41	558.50	-2.78E+00	1.53E+00	-1.11E+00	2.75E+00	1.51E+00	-3.89E+00	2.86E+00	-4.12E+00	64.06	1.53E+00	-2.75E+00		
	-148.00	-5.08E-05	4.71E-05	-1.29E-05	1.25E-04	6.87E-05	-1.77E-04	7.75E-05	-8.12E-05					
42	610.83	2.59E-01	2.54E+00	1.67E-01	5.19E+00	1.19E+00	-5.18E+00	6.72E+00	-3.91E+00	51.20	6.71E+00	-2.61E-01		
	-128.00	-9.68E-06	4.22E-05	-1.18E-05	2.36E-04	5.39E-05	-2.36E-04	1.37E-04	-1.05E-04					
43	501.38	-9.43E-01	1.75E-01	-9.53E-01	1.46E+00	5.00E-01	-1.95E+00	1.18E+00	-1.95E+00	55.47	-9.43E-01	1.46E+00		
	-78.00	-1.74E-05	2.56E-05	-1.77E-05	1.12E-04	3.85E-05	-1.50E-04	6.43E-05	-5.60E-05					
44	534.67	1.11E+00	2.32E+00	8.05E-01	4.67E+00	3.25E-01	-5.59E+00	6.42E+00	-2.99E+00	48.69	6.42E+00	-2.15E-01		
	-68.00	-3.77E-06	4.27E-05	-1.56E-05	3.59E-04	2.50E-05	-4.30E-04	2.01E-04	-1.62E-04					
45	584.67	-7.42E-01	4.84E-01	-6.24E-01	4.05E+00	1.12E+00	-4.21E+00	3.96E+00	-4.22E+00	49.31	-7.42E-01	4.05E+00		
	-68.00	-1.88E-05	2.83E-05	-1.43E-05	3.11E-04	8.60E-05	-3.24E-04	1.62E-04	-1.53E-04					
46	610.83	-4.55E+00	-1.08E-01	-2.21E+00	2.15E+00	2.18E+00	-3.33E+00	7.62E-01	-5.42E+00	67.97	-1.08E-01	-2.15E+00		
	-88.00	-9.99E-05	7.13E-05	-9.51E-06	1.65E-04	1.68E-04	-2.57E-04	1.05E-04	-1.33E-04					
47	482.63	3.89E-02	9.94E-01	-4.76E-01	1.11E+00	5.28E-01	-2.19E+00	1.73E+00	-6.96E-01	56.60	3.89E-02	1.11E+00		
	-21.00	-4.61E-06	3.21E-05	-2.44E-05	8.57E-05	4.06E-05	-1.69E-04	6.04E-05	-3.29E-05					
48	485.83	3.97E+00	6.02E+00	3.21E+00	3.17E+00	8.45E-02	-6.46E+00	8.30E+00	1.59E+00	54.33	4.29E+00	3.29E+00		
	-12.00	4.06E-06	8.74E-05	-2.04E-05	2.44E-04	6.50E-06	-4.97E-04	1.75E-04	-8.27E-05					
49	507.88	-1.75E-01	4.11E-01	-7.43E-01	1.19E+00	3.19E-01	-2.38E+00	1.34E+00	-1.11E+00	51.94	-1.75E-01	1.19E+00		
	-21.00	-1.17E-06	2.14E-05	-2.30E-05	9.13E-05	2.46E-05	-1.83E-04	5.72E-05	-3.69E-05					
50	538.67	8.98E-01	1.89E+00	4.72E-01	4.16E+00	1.47E+00	-4.87E+00	5.58E+00	-2.79E+00	48.39	5.58E+00	9.03E-02		
	-10.00	-1.26E-06	3.68E-05	-1.76E-05	3.20E-04	1.13E-04	-3.74E-04	1.79E-04	-1.43E-04					
51	484.67	-1.16E+01	-7.97E+00	-8.86E+00	-3.29E-01	7.10E-01	-7.32E-01	-7.94E+00	-1.16E+01	-84.88	-7.97E+00	3.29E-01		
	8.00	-1.34E-04	5.54E-06	-2.81E-05	-2.53E-05	5.46E-05	-5.63E-05	7.08E-06	-1.35E-04					
52	507.00	2.14E+00	2.89E+00	1.14E+00	1.55E+00	6.66E-01	1.74E+00	4.11E+00	9.24E-01	51.81	3.68E+00	1.09E+00		
	9.00	1.46E-05	4.35E-05	-2.41E-05	1.19E-04	5.12E-05	1.34E-04	9.03E-05	-3.23E-05					
53	603.00	-1.98E-01	1.60E-01	-4.14E-01	1.61E+00	7.43E-01	-1.69E+00	1.60E+00	-1.64E+00	48.17	-1.16E+00	1.15E+00		
	-18.00	-2.64E-06	1.11E-05	-1.10E-05	1.24E-04	5.72E-05	-1.30E-04	6.65E-05	-5.8CE-05					
54	712.00	-6.79E-02	5.44E-01	1.19E-01	2.49E+00	2.47E-01	-2.85E+00	2.75E+00	-2.27E+00	48.50	-6.79E-02	2.49E+00		
	-303.00	-1.08E-05	1.70E-05	-2.32E-06	2.27E-04	2.24E-05	-2.59E-04	1.17E-04	-1.11E-04					
55	712.00	-1.39E+00	-3.73E-01	-8.46E-01	2.72E+00	7.65E-01	-2.76E+00	1.89E+00	-3.65E+00	50.28	-1.39E+00	2.72E+00		
	-213.00	-2.92E-05	1.69E-05	-4.59E-06	2.47E-04	6.96E-05	-2.50E-04	1.20E-04	-1.32E-04					
56	712.00	-2.20E+00	-7.01E-01	-1.12E+00	1.96E+00	1.74E+00	-2.20E+00	6.44E-01	-3.55E+00	55.50	-2.20E+00	1.96E+00		
	-138.00	-2.90E-05	5.16E-06	-4.30E-06	8.90E-05	7.91E-05	-9.99E-05	3.57E-05	-5.96E-05					
57	712.00	-7.48E-01	1.07E-01	-4.17E-01	1.30E+00	7.04E-01	-1.66E+00	1.05E+00	-1.65E+00	54.07	-7.48E-01	1.30E+00		
	-78.00	-1.71E-05	1.57E-05	-4.40E-06	1.00E-04	5.41E-05	-1.28E-04	5.20E-05	-5.35E-05					
58	712.00	-8.10E-01	-1.24E-01	-5.33E-01	1.77E+00	5.97E-01	-1.97E+00	1.34E+00	-2.27E+00	50.47	-8.10E-01	1.77E+00		
	-18.00	-1.50E-05	1.13E-05	-4.39E-06	1.36E-04	4.59E-05	-1.52E-04	6.76E-05	-7.12E-05					
59	837.00	-6.94E+00	-3.70E+00	-4.26E+00	2.07E+00	1.48E+00	-2.47E+00	-2.69E+00	-7.95E+00	64.04	-3.70E+00	-2.07E+00		
	-318.00	-1.22E-04	2.54E-05	.00E+00	1.88E-04	1.35E-04	-2.25E-04	7.12E-05	-1.68E-04					
60	887.00	-7.16E-01	4.21E-01	-1.18E-01	5.55E+00	5.61E-01	-5.55E+00	5.43E+00	-5.73E+00	47.92	5.02E+00	-2.11E+00		
	-288.00	-2.72E-05	2.45E-05	.00E+00	5.05E-04	5.10E-05	-5.04E-04	2.52E-04	-2.55E-04					
61	987.00	1.45E+00	1.24E+00	1.07E+00	5.59E+00	-3.27E-01	-5.18E+00	6.93E+00	-4.25E+00	44.47	1.45E+00	5.59E+00		
	-288.00	1.69E-05	7.46E-06	.00E+00	5.08E-04	-3.06E-05	-4.70E-04	2.66E-04	-2.42E-04					
62	1037.0[illegible]	[illegible].65E+00	-3.82E+00	-4.19E+00	4.05E+00	1.26E+00	-[illegible].20E+00	-9.49E-01	-9.52E+00	54.63	-3.82E+00	-4.05E+00		
	-318.0[illegible]	[illegible].12E-04	1.67E-05	.00E+00	3.68E-04	1.15E-04	[illegible]E-04	1.47E-04	-2.43E-04					
63	862	[illegible].27E-01	1.86E-01	3.77E-02	2.84E+00	2.15E-01	[illegible]E+00	2.88E+00	-2.82E+00	46.57	-1.27E-01	2.8[illegible]		

	-213.	[illegible]03E-06	7.20E-04	4.55E-07	2.59E-04	1.56E-05	[illegible]-04	1.30E-04	-1.29E-04				
64	1012.00	[illegible]36E-01	4.[illegible]1E-01	3.50E-01	3.02E+00	-5.12E-02	-[illegible]+00	3.42E+00	-2.63E+00	45.54	3.36E-01	3.02E+[illegible]	
	-213.00	5.20E-07	5.74E-06	1.13E-06	2.75E-04	-4.[illegible]E-06	-2.65E-04	1.40E-04	-1.34E-04				
65	837.00	-4.60E-01	1.32E-01	-2.72E-02	2.25E+00	4.20E-01	-2.96E+00	2.10E+00	-2.44E+00	48.81	1.32E-01	-2.25E+00	
	-148.00	-8.75E-06	4.52E-06	1.29E-06	1.02E-04	1.51E-05	-1.34E-04	4.96E-05	-5.34E-05				
66	937.00	-5.58E-01	2.69E-01	-1.47E-02	3.79E+00	4.41E-01	-3.49E+00	3.68E+00	-3.95E+00	48.19	2.79E+00	-2.45E+00	
	-128.00	-1.12E-05	8.06E-06	1.15E-06	1.72E-04	2.00E-05	-1.59E-04	8.51E-05	-8.83E-05				
67	1037.00	-3.82E+00	-1.50E-01	-1.07E+00	3.70E+00	1.50E+00	-3.88E+00	2.14E+00	-6.11E+00	58.19	-1.50E-01	-3.70E+00	
	-148.00	-6.04E-05	2.30E-05	2.15E-05	1.68E-04	6.84E-05	-1.76E-04	7.51E-05	-1.12E-04				
68	837.00	-1.15E+00	-4.18E-01	-6.28E-01	4.12E+00	7.25E-01	-4.00E+00	3.35E+00	-4.92E+00	47.55	-1.15E+00	4.12E+00	
	-68.00	-2.02E-05	8.09E-06	4.08E-09	3.17E-04	5.58E-05	-3.08E-04	1.53E-04	-1.65E-04				
69	937.00	-1.89E+00	2.30E-01	-5.48E-01	2.32E+00	8.07E-01	-2.24E+00	1.72E+00	-3.38E+00	57.28	2.30E-01	-2.32E+00	
	-88.00	-4.85E-05	3.31E-05	3.21E-06	1.79E-04	6.21E-05	-1.72E-04	9.05E-05	-1.06E-04				
70	1037.00	4.97E-01	1.73E+00	9.98E-01	3.93E+00	-1.06E-01	-4.81E+00	5.09E+00	-2.86E+00	49.47	4.27E+00	-2.42E+00	
	-68.00	-1.64E-05	3.12E-05	2.90E-06	3.02E-04	-8.16E-06	-3.70E-04	1.60E-04	-1.46E-04				
71	862.00	-1.17E+00	-3.35E-01	-5.54E-01	1.75E+00	6.70E-01	-1.96E+00	1.05E+00	-2.56E+00	51.71	-1.17E+00	1.75E+00	
	-18.00	-2.24E-05	9.77E-06	1.34E-06	1.35E-04	5.15E-05	-1.51E-04	6.30E-05	-7.57E-05				
72	1012.00	1.71E-01	6.92E-01	4.54E-01	1.99E+00	-8.49E-03	-1.79E+00	2.44E+00	-1.58E+00	48.72	1.71E-01	1.99E+00	
	-18.00	-7.90E-06	1.22E-05	2.98E-06	1.53E-04	-6.53E-07	-1.38E-04	7.95E-05	-7.52E-05				
73	1387.00	3.59E-01	4.07E-01	3.36E-01	2.19E+00	2.42E-02	-1.87E+00	2.57E+00	-1.81E+00	45.31	3.59E-01	2.19E+00	
	-308.00	2.01E-06	4.17E-06	9.79E-07	1.99E-04	2.20E-06	-1.70E-04	1.03E-04	-9.65E-05				
74	1387.00	-9.46E-03	-3.14E-02	8.97E-02	2.34E+00	1.15E-01	-1.85E+00	2.32E+00	-2.37E+00	44.87	-9.46E-03	2.34E+00	
	-213.00	-1.06E-06	-2.06E-06	3.44E-06	2.13E-04	1.05E-05	-1.68E-04	1.05E-04	-1.08E-04				
75	1387.00	-1.76E-01	1.30E-01	2.95E-01	1.73E+00	3.56E-01	-1.28E+00	1.72E+00	-1.76E+00	47.52	-1.76E-01	1.73E+00	
	-138.00	-5.31E-06	1.65E-06	5.40E-06	7.89E-05	1.62E-05	-5.80E-05	3.78E-05	-4.14E-05				
76	1187.00	-9.51E-01	-6.59E-01	-5.52E-01	2.62E+00	6.89E-01	-1.38E+00	1.82E+00	-3.43E+00	46.59	-9.51E-01	2.62E+00	
	-68.00	-1.28E-05	-1.60E-06	2.53E-06	2.01E-04	5.30E-05	-1.06E-04	9.36E-05	-1.06E-04				
77	1387.00	-8.34E-01	-4.61E-01	-1.69E-01	1.35E+00	5.24E-01	-1.29E+00	7.11E-01	-2.01E+00	48.94	-4.61E-01	-1.35E+00	
	-88.00	-1.60E-05	-1.65E-06	9.58E-06	1.03E-04	4.03E-05	-9.94E-05	4.34E-05	-6.11E-05				
78	1587.00	-2.41E-01	-6.34E-02	1.83E-01	1.71E+00	6.90E-02	-8.06E-01	1.56E+00	-1.86E+00	46.49	5.87E-01	-1.54E+00	
	-68.00	-7.94E-06	-1.10E-06	8.38E-06	1.31E-04	5.31E-06	-6.20E-05	6.13E-05	-7.03E-05				
79	1237.00	-1.18E+00	-3.36E-01	-3.68E-01	1.50E+00	7.19E-01	-1.11E+00	7.94E-01	-2.31E+00	52.92	-1.18E+00	1.50E+00	
	-18.00	-2.48E-05	7.84E-06	6.60E-06	1.15E-04	5.53E-05	-8.57E-05	5.13E-05	-6.83E-05				
80	1433.80	-7.08E-01	-9.67E-02	2.17E-02	1.81E+00	3.87E-01	-8.90E-01	1.43E+00	-2.24E+00	49.79	-7.08E-01	1.81E+00	
	-8.00	-1.86E-05	4.88E-06	9.43E-06	1.39E-04	2.98E-05	-6.85E-05	6.37E-05	-7.74E-05				
81	1533.80	-1.16E+00	-2.39E-01	-1.98E-01	1.03E+00	3.05E-01	-5.17E-01	4.25E-01	-1.82E+00	57.09	-2.39E-01	-1.03E+00	
	-28.00	-2.71E-05	8.36E-06	9.94E-06	7.89E-05	2.34E-05	-3.98E-05	3.39E-05	-5.26E-05				
82	1633.80	-1.23E+00	-4.16E-01	-3.20E-01	3.70E-01	7.76E-02	-1.15E-01	-2.74E-01	-1.38E+00	68.93	-2.74E-01	-8.95E-03	
	-8.00	-2.58E-05	5.65E-06	9.33E-06	2.85E-05	5.97E-06	-8.86E-06	1.11E-05	-3.13E-05				
83	1433.80	-4.78E+00	-1.97E+00	-2.27E+00	1.15E+00	1.59E+00	-6.54E-01	-1.56E+00	-5.19E+00	70.35	-1.97E+00	-1.15E+00	
	27.60	-8.46E-05	2.33E-05	1.17E-05	8.82E-05	1.23E-04	-5.03E-05	3.90E-05	-1.00E-04				
84	1296.10	-1.72E+00	-1.47E-01	-4.02E-01	1.30E+00	7.99E-01	-8.17E-01	5.84E-01	-2.45E+00	60.59	-9.56E-01	-1.52E+00	
	40.70	-4.11E-05	1.93E-05	9.44E-06	9.98E-05	6.15E-05	-6.29E-05	4.74E-05	-6.93E-05				
85	1148.60	-9.59E-01	3.00E-01	-8.15E-02	1.76E+00	8.88E-01	-4.83E-01	1.57E+00	-2.13E+00	54.13	1.26E+00	1.03E+00	
	57.33	-2.60E-05	1.86E-05	3.91E-06	1.35E-04	6.83E-05	-3.71E-05	6.74E-05	-7.49E-05				
86	1131.40	-5.96E+00	-3.04E+00	-3.12E+00	4.78E-01	2.69E+00	-1.60E-01	-2.96E+00	-6.04E+00	60.94	-3.04E+00	-4.78E-01	
	112.00	-9.61E-05	1.64E-05	1.32E-05	3.68E-05	2.07E-04	-1.23E-05	1.93E-05	-9.90E-05				
87	1019.80	-1.63E+00	1.25E-02	-4.86E-01	1.76E+00	9.79E-01	-2.96E+00	1.13E+00	-2.75E+00	57.49	1.25E-02	-1.76E+00	
	34.67	-3.95E-05	2.36E-05	4.40E-06	1.35E-04	7.53E-05	-2.27E-04	6.67E-05	-8.27E-05				
88	866.60	-9.37E-01	8.65E-04	-3.39E-01	1.41E+00	4.70E-01	-1.76E+00	1.01E+00	-1.95E+00	54.22	-9.37E-01	1.41E+00	
	46.00	-2.20E-05	1.40E-05	9.74E-07	1.08E-04	3.61E-05	-1.35E-04	5.30E-05	-6.10E-05				
89	869.80	-4.57E+00	-2.08E+00	-2.59E+00	6.38E-01	1.20E+00	-8.73E-01	-1.92E+00	-4.72E+00	76.44	-2.08E+00	-6.38E-01	
	98.00	-7.42E-05	2.16E-05	1.84E-06	4.91E-05	9.20E-05	-6.71E-05	2.75E-05	-8.01E-05				
90	952.60	-7.12E-01	2.24E+00	6.72E-01	2.34E+00	7.49E-01	-1.65E+00	3.53E+00	-2.01E+00	61.09	3.00E+00	-1.63E+00	
	128.00	-5.15E-05	6.19E-05	1.68E-06	1.80E-04	5.76E-05	-1.27E-04	1.12E-04	-1.01E-04				
91	869.80	-1.30E+00	-1.05E-01	-5.47E-01	9.98E-01	7.22E-01	-4.86E-01	4.61E-01	-1.86E+00	60.41	-1.30E+00	9.98E-01	
	160.00	-2.84E-05	1.74E-05	3.67E-07	7.68E-05	5.56E-05	-3.74E-05	3.92E-05	-5.02E-05				
92	869.80	-5.77E+00	-1.88E+00	-2.82E+00	2.97E-01	2.27E+00	-6.01E-01	-1.86E+00	-5.75E+00	85.66	-1.88E+00	-2.97E-01	
	203.60	-1.07E-04	4.36E-05	6.61E-06	2.28E-05	1.75E-04	-4.62E-05	4.35E-05	-1.08E-04				
93	598.67	-1.75E-01	3.76E-01	-2.15E-01	2.82E+00	1.43E+00	-3.39E+00	2.94E+00	-2.74E+00	47.79	3.76E-01	-2.82E+00	
	16.00	-6.58E-06	1.46E-05	-8.12E-06	2.17E-04	1.10E-04	-2.61E-04	1.13E-04	-1.05E-04				
94	645.75	-7.21E-01	-3.71E-02	-5.51E-01	1.78E+00	6.54E-01	-1.69E+00	1.44E+00	-2.19E+00	50.43	-7.21E-01	1.78E+00	
	24.00	-1.34E-05	1.30E-05	-6.79E-06	1.37E-04	5.03E-05	-1.30E-04	6.96E-05	-7.00E-05				
95	613.10	-1.09E+00	-1.21E+00	-1.23E+00	2.90E+00	5.19E-01	-9.07E-01	1.75E+00	-4.05E+00	44.42	-1.09E+00	2.90E+00	

	69.33	-3.14E-06	-7.69E-06	-8.56E-06	2.23E-04	3.99E-05	-6.07E-05	1.06E-04	-1.17E-04					
96	708.45	-1.30E+00	-8.14E-02	-6.52E-01	1.41E+00	6.51E-01	-1.41E+00	8.48E-01	-2.23E+00	56.66	-1.01E+00	-1.51E+00		
	55.00	-2.77E-05	1.92E-05	-2.74E-06	1.09E-04	5.01E-05	-1.08E-04	5.50E-05	-6.34E-05					
97	612.10	-3.94E+00	-1.91E+00	-2.39E+00	7.99E-01	1.57E+00	-8.16E-01	-1.62E+00	-4.13E+00	70.21	-1.91E+00	-7.99E-01		
	96.00	-5.83E-05	1.60E-05	-2.38E-06	6.15E-05	1.21E-04	-6.28E-05	2.71E-05	-6.94E-05					
98	682.27	-1.22E+00	-4.57E-02	-5.83E-01	1.95E+00	5.08E-01	-1.62E+00	1.31E+00	-2.57E+00	53.79	1.17E+00	-7.10E-01		
	112.00	-2.45E-05	1.85E-05	-2.14E-06	1.42E-04	3.91E-05	-1.25E-04	7.05E-05	-7.85E-05					
99	751.43	-3.42E+00	1.73E+00	-6.92E-01	2.27E+00	1.62E+00	-3.12E+00	2.59E+00	-4.28E+00	69.29	1.73E+00	-2.27E+00		
	96.00	-1.05E-04	9.27E-05	-2.51E-07	1.75E-04	1.25E-04	-2.40E-04	1.26E-04	-1.38E-04					
100	683.25	-1.14E+00	-1.02E-01	-5.41E-01	7.21E-01	3.74E-01	-1.02E+00	2.64E-01	-1.52E+00	63.08	-1.16E+00	7.21E-01		
	152.00	-2.47E-05	1.58E-05	-1.05E-06	5.55E-05	2.90E-05	-7.87E-05	2.99E-05	-3.88E-05					
101	648.67	-5.63E+00	-2.83E+00	-3.44E+00	3.80E-01	9.02E-01	-7.61E-01	-2.77E+00	-5.68E+00	82.25	-2.83E+00	-3.89E-01		
	102.00	-8.57E-05	2.20E-05	-1.67E-06	2.99E-05	6.54E-05	-5.85E-05	2.41E-05	-8.77E-05					
102	725.25	-7.98E-01	5.17E-01	-7.80E-02	8.77E-01	2.35E-01	-6.44E-01	9.56E-01	-1.24E+00	63.42	-4.59E-02	-1.09E+00		
	232.70	-2.67E-05	2.38E-05	9.47E-07	6.75E-05	1.81E-05	-4.96E-05	4.07E-05	-4.36E-05					
103	635.50	-7.45E-01	-6.54E-01	-5.04E-01	1.31E-02	1.81E-01	-1.63E-01	-6.52E-01	-7.47E-01	81.92	-7.45E-01	1.31E-02		
	258.00	-7.74E-06	-4.25E-06	1.54E-06	1.01E-06	1.39E-05	-1.25E-05	-4.18E-06	-7.81E-06					
104	635.50	-1.99E+00	-1.32E+00	-1.21E+00	-9.60E-02	5.00E-01	-1.09E-02	-1.31E+00	-2.00E+00	-81.96	-1.32E+00	9.60E-02		
	200.67	-2.68E-05	-1.21E-06	3.17E-06	-7.38E-06	3.84E-05	-8.39E-07	-6.84E-07	-2.73E-05					
105	569.00	1.07E-01	4.67E-01	-2.43E-01	3.09E+00	9.93E-01	-2.88E+00	3.38E+00	-2.81E+00	46.67	1.07E-01	3.09E+00		
	16.50	4.81E-07	1.43E-05	-1.30E-05	2.37E-04	7.64E-05	-2.22E-04	1.26E-04	-1.12E-04					
106	508.50	3.63E+00	2.52E+00	1.86E+00	1.75E+00	2.07E+00	-9.17E-01	4.91E+00	1.23E+00	36.22	2.52E+00	-1.75E+00		
	13.00	5.15E-05	8.85E-06	-1.64E-05	1.35E-04	1.59E-04	-7.05E-05	1.01E-04	-4.05E-05					
107	521.00	1.25E+00	9.86E-01	1.67E-01	2.80E+00	8.03E-01	-1.62E+00	3.92E+00	-1.68E+00	43.66	1.25E+00	2.80E+00		
	18.75	2.16E-05	1.15E-05	-2.00E-05	2.15E-04	6.18E-05	-1.25E-04	1.24E-04	-9.12E-05					
108	526.25	1.06E+00	8.35E-01	1.02E-01	3.11E+00	6.80E-01	-1.68E+00	4.06E+00	-2.17E+00	43.97	1.06E+00	3.11E+00		
	21.00	1.88E-05	1.02E-05	-1.80E-05	2.39E-04	5.23E-05	-1.29E-04	1.34E-04	-1.05E-04					
109	518.50	2.06E+00	1.49E+00	9.57E-01	3.64E+00	1.39E+00	-9.29E-01	5.43E+00	-1.88E+00	42.73	1.49E+00	-3.64E+00		
	26.00	2.99E-05	7.62E-06	-1.27E-05	2.80E-04	1.07E-04	-7.15E-05	1.59E-04	-1.22E-04					
110	531.50	2.67E-01	4.97E-01	-2.00E-01	2.57E+00	4.83E-01	-1.43E+00	2.95E+00	-2.19E+00	46.28	2.67E-01	2.57E+00		
	34.50	4.07E-06	1.29E-05	-1.39E-05	1.98E-04	3.72E-05	-1.10E-04	1.07E-04	-9.04E-05					
111	515.50	-2.36E+00	-3.20E+00	-2.80E+00	7.14E+00	3.67E-01	-6.37E-01	4.38E+00	-9.93E+00	43.31	-2.36E+00	7.14E+00		
	44.00	1.20E-06	-3.12E-05	-1.59E-05	5.49E-04	2.82E-05	-4.90E-05	2.60E-04	-2.90E-04					
112	515.50	-1.89E+00	-1.11E+00	-1.57E+00	1.69E+00	7.05E-01	-7.48E-01	2.38E-01	-3.23E+00	51.47	-1.11E+00	-1.69E+00		
	53.33	-2.24E-05	7.51E-06	-1.02E-05	1.30E-04	5.42E-05	-5.75E-05	5.93E-05	-7.42E-05					
113	547.50	-9.63E-01	1.22E+00	-2.45E-01	2.90E+00	5.03E-01	-2.29E+00	3.23E+00	-2.97E+00	55.33	2.11E+00	-2.39E+00		
	64.00	-3.72E-05	4.69E-05	-9.59E-06	2.23E-04	3.87E-05	-1.76E-04	1.24E-04	-1.14E-04					
114	515.50	-2.59E+00	-2.54E+00	-2.37E+00	2.93E+00	2.32E-01	-1.08E+00	3.89E-01	-5.48E+00	45.03	-2.55E+00	2.93E+00		
	74.67	-1.60E-05	-1.58E-05	-9.17E-06	2.26E-04	1.78E-05	-8.32E-05	9.69E-05	-1.29E-04					
115	515.50	-5.85E+00	-3.61E+00	-4.09E+00	1.10E+00	5.70E-01	-6.96E-01	-3.17E+00	-6.30E+00	67.75	-3.61E+00	-1.10E+00		
	88.00	-7.60E-05	9.89E-06	-8.35E-06	8.44E-05	4.38E-05	-5.36E-05	2.72E-05	-9.33E-05					
116	547.50	-2.76E+00	3.44E-01	-1.25E+00	3.60E+00	4.57E-01	-2.00E+00	2.71E+00	-5.14E+00	56.66	1.86E+00	-2.45E+00		
	104.00	-6.59E-05	5.36E-05	-7.87E-06	2.77E-04	3.51E-05	-1.54E-04	1.45E-04	-1.57E-04					
117	515.50	-9.46E-01	-5.33E-01	-7.21E-01	2.37E+00	4.65E-02	-1.42E+00	1.64E+00	-3.12E+00	47.49	-9.46E-01	2.37E+00		
	120.00	-1.22E-05	3.68E-06	-3.55E-06	1.82E-04	3.58E-06	-1.09E-04	8.71E-05	-9.56E-05					
118	515.50	-4.33E+00	-2.61E+00	-2.91E+00	9.25E-01	1.41E-01	-5.93E-01	-2.21E+00	-4.74E+00	66.46	-2.61E+00	-9.25E-01		
	136.00	-5.84E-05	7.81E-06	-3.59E-06	7.12E-05	1.08E-05	-4.56E-05	2.33E-05	-7.39E-05					
119	547.50	-2.41E+00	-2.12E-01	-1.17E+00	2.36E+00	1.84E-01	-1.14E+00	1.30E+00	-3.92E+00	57.45	7.72E-01	-1.57E+00		
	152.00	-5.09E-05	3.35E-05	-3.38E-06	1.82E-04	1.41E-05	-8.73E-05	9.15E-05	-1.09E-04					
120	515.50	-1.12E+00	-4.62E-01	-5.81E-01	1.49E+00	-4.55E-02	-1.12E+00	7.40E-01	-2.32E+00	51.19	-1.12E+00	1.49E+00		
	168.00	-1.92E-05	5.97E-06	1.40E-06	1.15E-04	-3.50E-06	-8.63E-05	5.22E-05	-6.54E-05					
121	515.50	-5.50E+00	-3.38E+00	-3.57E+00	7.52E-01	-2.22E-02	-4.48E-01	-3.14E+00	-5.74E+00	72.32	-3.38E+00	-7.52E-01		
	184.00	-7.48E-05	6.80E-06	-4.79E-07	5.79E-05	-1.71E-06	-3.44E-05	1.60E-05	-8.40E-05					
122	547.50	-1.50E+00	1.30E+00	-9.54E-02	2.78E+00	4.52E-02	-1.53E+00	3.01E+00	-3.21E+00	58.40	2.44E+00	-1.79E+00		
	200.00	-5.45E-05	5.33E-05	-4.51E-07	2.14E-04	3.48E-06	-1.18E-04	1.19E-04	-1.20E-04					
123	515.50	9.88E-01	1.92E+00	1.38E+00	1.13E+00	-3.47E-01	-1.54E+00	2.67E+00	2.35E-01	56.24	9.88E-01	1.13E+00		
	216.00	-9.11E-06	2.68E-05	5.91E-06	8.66E-05	-2.67E-05	-1.19E-04	5.57E-05	-3.81E-05					
124	515.50	-2.06E+00	-1.20E+00	-1.24E+00	3.65E-01	-8.27E-01	-2.95E-01	-1.07E+00	-2.20E+00	69.87	-1.20E+00	-3.65E-01		
	232.00	-2.09E-05	3.27E-06	1.90E-06	2.81E-05	-6.36E-05	-2.27E-05	8.42E-06	-3.51E-05					
125	547.50	-1.23E+00	-7.53E-01	-7.29E-01	7.06E-01	-4.15E-01	-1.58E-01	-2.47E-01	-1.74E+00	54.35	-4.49E-01	-5.10E-01		
	248.00	-1.75E-05	8.47E-07	1.79E-06	5.43E-05	-3.20E-05	-1.22E-05	2.03E-05	-3.70E-05					
126	515.50	[illegible]37E+00	2.29E+00	1.75E+00	-1.25E-01	-5.03E-01	-1[illegible]+00	2.30E+00	1.35E+00	-82.36	1.37E+00	-1.25E-0[illegible]		
	264.00	[illegible]66E-06	2.85E-05	7.82E-06	-9.61E-06	-3.87E-05	-[illegible]04	2.92E-05	-7.30E-06					
127	51[illegible]	[illegible]38E+00	-8.67E-01	-8.46E-01	2.40E-01	-1.24E+00	[illegible]01	-7.71E-01	-1.47E+00	68.33	-8.67E-01	-2.[illegible]		

	276.[illegible]	[illegible]20E-05	4.0[illegible]E-07	1.40[illegible]E-06	1.[illegible]5E-05	-9.51E-05	[illegible]-05	4.26E-06	-2.27E-05				
128	531.50	[illegible]71E-01	1.73E-01	3.335E-01	1.161-01	-4.58E-01	-7[illegible]-02	2.98E-01	5.53E-02	45.24	1.71E-01	1.16E-[illegible]	
	297.00	-8.64E-07	-7.8[illegible]E-07	5.37[illegible]E-06	8.96E-06	-3.52E-05	-5.91E-06	3.65E-06	-5.30E-06				
129	51[illegible].50	2.44E+00	2.79E+00	2.39E+00	-3.10E-01	-5.07E-01	-1.12E+00	2.97E+00	2.26E+00	-59.69	2.44E+00	-3.10E-01	
	320.00	1.01E-05	2.36E-05	8.22[illegible]-06	-2.39E-05	-3.90E-05	-8.58E-05	3.06E-05	3.15E-06				
130	565.50	-1.32E-01	7.58E-01	-3.61E-01	4.53E+00	1.30E+00	-3.72E+00	4.86E+00	-4.24E+00	47.80	-1.32E-01	4.53E+00	
[illegible]	-8.00	-7.98E-06	2.62E-05	-1.69E-05	3.40E-04	1.00E-04	-2.86E-04	1.84E-04	-1.66E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .2400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.9504E+01	-.6868E+02	.3458E+03	.5916E+02	.1658E+03	-.1058E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.7744E+01	.4093E+01	.2501E+01	.4025E+02	-.4320E+02	-.4720E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.8404E+01	-.1545E+01	.1300E+01	.6065E+02	-.1005E+03	-.8350E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1146E+02	.2515E+01	.5170E+00	.8381E+02	-.1545E+03	-.1219E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1303E+02	-.2017E+01	.4868E+00	.1084E+03	-.2087E+03	-.1630E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1164E+01	-.7787E+00	.9218E+00	.1493E+03	-.2619E+03	-.2107E+03
25	.2465E+02	.4041E+01	.3485E+00	.1894E+03	-.2881E+03	-.2562E+03
26	-.3305E+02	-.4848E+01	.4095E+00	.2029E+03	-.3040E+03	-.2896E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1036E+03	-.2190E+02	.4895E+01	.2044E+03	-.4127E+03	-.3160E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2606E+04	.4267E+03	-.6920E+00	.2943E+03	-.1070E+04	-.4957E+03
40	.1620E+04	.2315E+03	.2046E+02	.2711E+03	-.1058E+04	-.4556E+03
41	.8506E+03	.9355E+02	.3145E+02	.2299E+03	-.9600E+03	-.3972E+03
42	.1408E+03	-.3947E+01	.2191E+02	.2017E+03	-.6882E+03	-.3466E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1131E+04	-.1245E+03	-.5618E+01	.1811E+02	-.1111E+04	.2341E+03
48	-.9491E+03	-.1103E+03	-.6241E+01	.1317E+03	-.1021E+04	.1704E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2809E+04	-.4306E+03	-.1254E+02	.8552E+02	-.7404E+03	.7571E+03

51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.4505E+01	.3042E+02	-.4555E-01	.7410E+01	-.1056E+04	.2174E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1930E+04	-.2947E+03	-.1259E+02	.1081E+03	-.6068E+03	.7174E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1361E+04	-.2092E+03	-.1709E+02	.9995E+02	-.5826E+03	.6984E+03
66	-.4865E+03	-.7746E+02	-.2173E+02	.1024E+03	-.5150E+03	.7261E+03
67	.8812E+03	.1281E+03	-.2198E+02	.1027E+03	-.4501E+03	.7255E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1571E+04	.2316E+03	-.1901E+02	.1762E+03	-.4065E+03	.7064E+03
76	-.1620E+03	-.2783E+02	-.1362E+02	.2066E+03	-.3332E+03	.7105E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6649E+03	.9719E+02	-.1030E+02	.2191E+03	-.2303E+03	.6883E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2695E+03	-.4237E+02	-.7797E+01	.2614E+03	-.1611E+03	.6661E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3932E+03	.5799E+02	-.6939E+01	.2219E+03	-.6857E+02	.6200E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2351E+03	-.3563E+02	-.5805E+01	.2031E+03	-.7412E+01	.5688E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2751E+03	.4166E+02	-.5995E+01	.1951E+03	.6931E+02	.5106E+03
109	-.1549E+03	-.2226E+02	-.5412E+01	.1905E+03	.1288E+03	.4433E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2331E+03	.3661E+02	-.5418E+01	.1287E+03	.1869E+03	.3635E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
[illegible]	.1755E+03	.2840E+02	-.1892E+01	[illegible]	.2272E+03	.2834E+03

[illegible]	-.9434E+01	.1015E+01	-.1093E+01	.[illegible]	.2352E+03	.1997E+03
11[illegible]	.1261E+03	.2156E+02	-.7320E+00	.1723E[illegible]	.2640E+03	.1413E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.9656E+02	.1751E+02	.2792E+00	.4997E+02	.2823E+03	.1340E+03
119	.2875E+02	.7275E+01	.6064E+00	-.2934E+02	.2645E+03	.6698E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1820E+03	.2706E+02	.1139E+02	-.4288E+02	.2536E+03	.2923E+02
122	.1600E+03	.1333E+02	.2253E+02	.1041E+02	.2502E+03	.3857E+02
123	.1261E+03	.1333E+02	.1990E+02	.8063E+01	.2214E+03	.3551E+02
124	.9697E+02	.9817E+01	.1369E+02	.6387E+01	.1848E+03	.3302E+02
125	.6870E+02	.6222E+01	.1003E+02	.4976E+01	.1554E+03	.3061E+02
126	.3047E+02	-.2215E+00	.9425E+01	.3224E+01	.1347E+03	.2804E+02
127	.1090E+01	-.5325E+01	.9780E+01	.1925E+01	.1191E+03	.2460E+02
128	-.3079E+02	-.1007E+02	.9841E+01	-.1083E+01	.8550E+02	.2062E+02
129	-.3457E+02	-.9299E+01	.8819E+01	-.3672E+01	.5653E+02	.1680E+02
130	-.2590E+02	-.6069E+01	.7058E+01	-.3252E+01	.3346E+02	.1368E+02
131	-.7584E+01	-.1204E+01	.5315E+01	-.3062E+01	.1819E+02	.1133E+02
132	.7198E+00	.5052E+00	.4016E+01	-.1884E+01	.1530E+02	.9404E+01
133	.1214E+01	.4163E+00	.3592E+01	-.1221E+01	.1412E+02	.7703E+01
134	.3720E+00	.1539E+00	.3518E+01	-.9387E+00	.1130E+02	.6007E+01
135	.7063E-01	.3681E-01	.3947E+01	-.7407E+00	.8024E+01	.4432E+01
136	-.1780E-01	.3044E-01	.5223E+01	-.5556E+00	.5244E+01	.2973E+01
137	-.5264E-01	-.1546E-01	.7999E+01	-.5150E+00	.2407E+01	.1638E+01
138	-.2447E-01	.1358E+00	.1135E+03	-.5193E+00	-.6881E+00	.8649E+00
139	.1062E+00	.1723E+00	.1590E+02	-.6483E-01	.3787E+00	-.4136E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.27649E-01	-.16123E-03	.27849E-01	.00000E+00
3	-.50540E-01	-.57151E-03	.50517E-01	.00000E+00
4	-.54788E-01	-.58126E-03	.54578E-01	.00000E+00
5	-.59116E-01	.32272E-04	.59140E-01	.00000E+00
6	-.66935E-01	-.46072E-05	.66923E-01	-.18779E-04
7	-.61405E-01	-.13697E-02	.62320E-01	.00000E+00
8	-.67141E-01	-.10938E-02	.67411E-01	-.42649E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.27582E-01	-.37422E-03	.27934E-01	.00000E+00
11	-.50896E-01	-.84944E-03	.51843E-01	.00000E+00
12	-.56669E-01	-.10417E-02	.57811E-01	.00000E+00
13	-.61415E-01	-.85447E-03	.62085E-01	.00000E+00
14	-.67539E-01	-.12373E-02	.68711E-01	-.99844E-05
15	-.62178E-01	-.22081E-02	.65605E-01	.00000E+00
16	-.68143E-01	-.20133E-02	.70839E-01	.38250E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.27839E-01	-.61133E-03	.29371E-01	.00000E+00
19	-.51890E-01	-.13166E-02	.54970E-01	.00000E+00
20	-.57900E-01	-.16753E-02	.61569E-01	.00000E+00
21	-.62893E-01	-.12208E-02	.66302E-01	.00000E+00
22	-.68959E-01	-.16751E-02	.73803E-01	-.55335E-05
23	-.64550E-01	-.34084E-02	.72278E-01	.00000E+00
24	-.69989E-01	-.31422E-02	.77678E-01	-.28031E-04
25	-.70703E-01	-.38460E-02	.80148E-01	-.24128E-05
26	-.71123E-01	-.37199E-02	.81601E-01	.45541E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.27766E-01	-.11377E-02	.30798E-01	.00000E+00
29	-.52934E-01	-.25099E-02	.59408E-01	.00000E+00
30	-.59240E-01	-.30314E-02	.66164E-01	.00000E+00
31	-.65171E-01	-.36156E-02	.73758E-01	.00000E+00
32	-.71560E-01	-.43251E-02	.83203E-01	-.74836E-04
33	-.64956E-01	-.50207E-02	.73993E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00

35	-.27494E-01	-.16295E-02	.31003E-01	.00000E+00
36	-.53246E-01	-.30325E-02	.59408E-01	.00000E+00
37	-.59063E-01	-.35229E-02	.66226E-01	.00000E+00
38	-.66861E-01	-.45390E-02	.76776E-01	.00000E+00
39	-.72444E-01	-.60507E-02	.85998E-01	.33418E-04
40	-.72303E-01	-.61515E-02	.85352E-01	-.12030E-04
41	-.72167E-01	-.59564E-02	.84748E-01	-.41020E-04
42	-.71915E-01	-.52926E-02	.84057E-01	-.66394E-04
43	-.50962E-01	-.43297E-02	.65849E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.25427E-01	-.19558E-03	.28968E-01	.00000E+00
46	-.52748E-01	-.27708E-02	.58046E-01	.00000E+00
47	-.72512E-01	-.57585E-02	.86255E-01	.36275E-04
48	-.72492E-01	-.59119E-02	.86211E-01	.52045E-04
49	-.66767E-01	-.46354E-02	.76194E-01	.00000E+00
50	-.73146E-01	-.59304E-02	.86515E-01	.15820E-03
51	-.67072E-01	-.49783E-02	.75194E-01	.00000E+00
52	-.75346E-01	-.52829E-02	.82241E-01	.00000E+00
53	-.72570E-01	-.55113E-02	.86417E-01	.12785E-04
54	-.58512E-01	-.29415E-02	.62010E-01	.00000E+00
55	-.65787E-01	-.41407E-02	.68620E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.21918E-01	-.24599E-02	.22191E-01	.00000E+00
58	-.47004E-01	-.18606E-02	.42759E-01	.00000E+00
59	-.76629E-01	-.43164E-02	.78981E-01	.00000E+00
60	-.75380E-01	-.50951E-02	.80230E-01	.00000E+00
61	-.73759E-01	-.59480E-02	.86720E-01	.24519E-03
62	-.55359E-01	-.16663E-02	.51606E-01	.00000E+00
63	-.63917E-01	-.18367E-02	.61382E-01	.00000E+00
64	-.76905E-01	-.52999E-02	.83324E-01	.00000E+00
65	-.74591E-01	-.59651E-02	.86911E-01	.30542E-03
66	-.76656E-01	-.59956E-02	.87296E-01	.37216E-03
67	-.78890E-01	-.60218E-02	.87716E-01	.35580E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.17148E-01	.22281E-03	.13942E-01	.00000E+00
70	-.49701E-01	-.76205E-03	.44827E-01	.00000E+00
71	-.74403E-01	-.21372E-02	.70895E-01	.00000E+00
72	-.78951E-01	-.51174E-02	.83693E-01	.00000E+00
73	-.61303E-01	-.11193E-02	.52670E-01	.00000E+00
74	-.83802E-01	-.53443E-02	.87139E-01	.00000E+00
75	-.80797E-01	-.60462E-02	.88083E-01	.27208E-03
76	-.83381E-01	-.61617E-02	.88749E-01	.19173E-03
77	-.70737E-01	-.10326E-02	.62675E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.20430E-01	-.72973E-03	.19058E-01	.00000E+00
80	-.47367E-01	.12952E-03	.41111E-01	.00000E+00
81	-.52522E-01	.56546E-04	.45153E-01	.00000E+00
82	-.58791E-01	.83134E-04	.52934E-01	.00000E+00
83	-.83094E-01	-.24538E-02	.78625E-01	.00000E+00
84	-.78093E-01	-.11488E-02	.70543E-01	.00000E+00
85	-.86314E-01	-.62408E-02	.89611E-01	.15383E-03
86	-.86052E-01	-.55283E-02	.89210E-01	.00000E+00
87	-.71253E-01	-.69733E-03	.61179E-01	.00000E+00
88	-.86940E-01	-.46179E-02	.84987E-01	.00000E+00
89	-.38351E-01	-.63352E-02	.90426E-01	.12452E-03
90	-.55010E-01	.20349E-03	.37984E-01	.00000E+00
91	-.59065E-01	.38484E-03	.41138E-01	.00000E+00
92	-.63512E-01	-.71427E-03	.43636E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.23870E-01	.00000E+00	.16598E-01	.00000E+00
95	-.43797E-01	.00000E+00	.29610E-01	.00000E+00
96	-.50109E-01	.00000E+00	.33622E-01	.00000E+00
	-.52400E-01	.00000E+00	.33802E-01	.00000E+00
	-.51599E-01	.00000E+00	.33142E-01	.00000E+00

	-.56242E-01	-.34305E-03	.35858E-01	.00000E+00
100	-.59582E-01	-.10698E-02	.49706E-01	.00000E+00
101	-.63605E-01	-.28397E-02	.71655E-01	.00000E+00
102	-.91485E-01	-.65300E-02	.91605E-01	.11135E-03
103	-.87241E-01	-.33894E-02	.81813E-01	.00000E+00
104	-.92562E-01	-.62091E-02	.92221E-01	.00000E+00
105	-.93678E-01	-.67148E-02	.92593E-01	.55422E-04
106	-.91306E-01	-.40019E-02	.87798E-01	.00000E+00
107	-.96136E-01	-.66079E-02	.93946E-01	.00000E+00
108	-.96163E-01	-.68526E-02	.93523E-01	.91160E-04
109	-.97983E-01	-.69579E-02	.94233E-01	.77488E-04
110	-.96896E-01	-.74205E-02	.91990E-01	.00000E+00
111	-.10019E+00	-.75399E-02	.96691E-01	.00000E+00
112	-.99930E-01	-.70783E-02	.94844E-01	.69278E-04
113	-.99397E-01	-.67826E-02	.93837E-01	.00000E+00
114	-.10103E+00	-.70532E-02	.95186E-01	.25844E-04
115	-.10137E+00	-.71062E-02	.95438E-01	.76715E-05
116	-.10145E+00	-.70328E-02	.95395E-01	-.41249E-05
117	-.10082E+00	-.78183E-02	.97918E-01	.00000E+00
118	-.10134E+00	-.70288E-02	.95376E-01	-.13822E-04
119	-.10095E+00	-.70075E-02	.95278E-01	-.24458E-04
120	-.10158E+00	-.76209E-02	.97513E-01	.00000E+00
121	-.10017E+00	-.68355E-02	.94985E-01	-.44010E-04
122	-.10008E+00	-.65225E-02	.95064E-01	-.54455E-04
123	-.99942E-01	-.61665E-02	.95114E-01	-.62824E-04
124	-.99780E-01	-.57556E-02	.95166E-01	-.72630E-04
125	-.99558E-01	-.52781E-02	.95216E-01	-.84616E-04
126	-.99114E-01	-.43403E-02	.95298E-01	-.99591E-04
127	-.98624E-01	-.33117E-02	.95374E-01	-.10343E-03
128	-.97661E-01	-.11520E-02	.95531E-01	-.88264E-04
129	-.96964E-01	.51460E-03	.95672E-01	-.62113E-04
130	-.96509E-01	.17033E-02	.95824E-01	-.30559E-04
131	-.96382E-01	.21382E-02	.96058E-01	.52293E-05
132	-.96562E-01	.16139E-02	.96269E-01	.14735E-04
133	-.96726E-01	.10526E-02	.96457E-01	.10364E-04
134	-.96810E-01	.72304E-03	.96611E-01	.59281E-05
135	-.96856E-01	.53031E-03	.96739E-01	.40125E-05
136	-.96885E-01	.36679E-03	.96830E-01	.41409E-05
137	-.96903E-01	.21264E-03	.96887E-01	.37954E-05
138	-.96915E-01	.36193E-04	.96916E-01	.48786E-05
139	-.96915E-01	.42918E-05	.96915E-01	.43434E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-3.21E-02	-1.03E-01	4.93E-03	-3.38E+00	-1.79E-02	3.43E+00	3.32E+00	-3.45E+00	-44.70	-3.21E-02	-3.38E+00
	-303.00	2.33E-07	-3.00E-06	1.92E-06	-3.08E-04	-1.62E-06	3.12E-04	1.52E-04	-1.55E-04			
2	72.00	-5.64E-02	-1.42E-01	7.85E-02	-2.84E+00	-2.48E-03	2.92E+00	2.74E+00	-2.94E+00	-44.57	-5.64E-02	-2.84E+00
	-213.00	-1.01E-06	-4.90E-06	5.13E-06	-2.58E-04	-2.26E-07	2.66E-04	1.26E-04	-1.32E-04			
3	72.00	-4.41E-01	-1.73E-01	1.84E-01	-1.89E+00	2.07E-01	2.07E+00	1.59E+00	-2.21E+00	-47.02	-4.41E-01	-1.89E+00
	-138.00	-7.77E-06	-1.68E-06	6.45E-06	-8.61E-05	9.39E-06	9.41E-05	3.84E-05	-4.79E-05			
4	24.00	-2.55E+00	-1.54E+00	-1.96E+00	-3.56E+00	6.88E-01	3.97E+00	1.55E+00	-5.64E+00	-49.06	-2.55E+00	-3.56E+00
	-68.00	-3.18E-05	7.31E-06	-8.75E-06	-2.74E-04	5.29E-05	3.05E-04	1.26E-04	-1.51E-04			
5	72.00	9.27E-01	5.39E-01	1.16E+00	-1.59E+00	-2.97E-02	1.65E+00	2.34E+00	-8.73E-01	-41.52	5.38E-01	1.59E+00
	-88.00	6.77E-06	-8.20E-06	1.59E-05	-1.23E-04	-2.28E-06	1.27E-04	6.10E-05	-6.24E-05			
6	120.00	5.24E-01	5.48E-01	7.76E-01	-2.99E+00	-1.66E-01	2.94E+00	3.53E+00	-2.45E+00	-45.11	-2.40E+00	5.51E-01
	-68.00	-1.38E-07	7.73E-07	9.52E-06	-2.30E-04	-1.28E-05	2.26E-04	1.15E-04	-1.15E-04			
7	36.25	-8.08E-01	-2.56E-01	-1.41E-01	-1.74E+00	2.25E-01	1.64E+00	1.21E+00	-2.31E+00	-49.18	-7.48E-01	-1.75E+00
	-18.00	-1.74E-05	2.30E-06	8.27E-06	-1.34E-04	1.73E-05	1.27E-04	6.02E-05	-7.53E-05			
8	108.00	9.98E-02	1.52E-01	3.56E-01	-1.30E+00	4.99E-03	1.45E+00	1.42E+00	-1.17E+00	-45.57	9.98E-02	-1.30E+00

	-19.00	-2.84E-06	-8.37E-07	7.01E-06	-9.97E-05	3.84E-07	1.12E-04	4.80E-05	-5.17E-05				
9	216.00	-2.05E-01	-3.06E-01	-1.37E-01	-3.40E+00	3.09E-02	3.51E+00	3.14E+00	-3.65E+00	-44.57	-2.05E-01	-3.40E+00	
	-303.00	-8.93E-07	-5.50E-06	2.18E-06	-3.09E-04	2.81E-06	3.20E-04	1.51E-04	-1.58E-04				
10	216.00	-2.70E-01	-3.19E-01	-2.49E-02	-2.92E+00	9.89E-02	3.07E+00	2.63E+00	-3.22E+00	-44.76	-2.70E-01	-2.92E+00	
	-213.00	-4.31E-06	-6.54E-06	6.85E-06	-2.66E-04	8.99E-06	2.79E-04	1.27E-04	-1.38E-04				
11	216.00	-4.06E-01	-2.69E-01	3.83E-01	-2.25E+00	3.01E-01	2.43E+00	1.91E+00	-2.58E+00	-45.87	-4.06E-01	-2.25E+00	
	-138.00	-7.69E-06	-4.59E-06	1.02E-05	-1.02E-04	1.37E-05	1.10E-04	4.49E-05	-5.72E-05				
12	168.00	-1.16E+00	-1.23E+00	-7.07E-01	-3.49E+00	5.47E-01	3.62E+00	2.30E+00	-4.69E+00	-44.72	-1.16E+00	-3.49E+00	
	-68.00	-1.06E-05	-1.32E-05	6.80E-06	-2.69E-04	4.21E-05	2.79E-04	1.23E-04	-1.46E-04				
13	216.00	1.17E+00	5.00E-01	1.29E+00	-1.46E+00	9.34E-02	1.41E+00	2.33E+00	-6.58E-01	-38.49	5.00E-01	1.46E+00	
	-88.00	1.26E-05	-1.33E-05	1.70E-05	-1.12E-04	7.18E-06	1.09E-04	5.72E-05	-5.75E-05				
14	264.00	1.53E-01	5.13E-01	7.73E-01	-2.93E+00	-5.47E-02	3.01E+00	3.26E+00	-2.60E+00	-46.76	-2.51E+00	7.05E-01	
	-68.00	-9.93E-06	3.94E-06	1.39E-05	-2.25E-04	-4.21E-06	2.31E-04	1.10E-04	-1.16E-04				
15	180.00	-2.50E-01	-4.50E-02	2.85E-01	-1.55E+00	3.66E-01	1.44E+00	1.40E+00	-1.70E+00	-46.89	-2.50E-01	-1.55E+00	
	-19.00	-9.49E-06	-1.62E-06	1.11E-05	-1.19E-04	2.82E-05	1.11E-04	5.41E-05	-6.52E-05				
16	252.00	-1.73E-01	6.13E-02	4.75E-01	-1.23E+00	1.45E-01	1.52E+00	1.18E+00	-1.30E+00	-47.71	-1.73E-01	-1.23E+00	
	-19.00	-1.06E-05	-1.63E-06	1.43E-05	-9.50E-05	1.12E-05	1.17E-04	4.16E-05	-5.38E-05				
17	361.00	-2.84E-01	-5.10E-01	-2.20E-01	-3.42E+00	1.90E-02	3.69E+00	3.02E+00	-3.82E+00	-44.06	-2.84E-01	-3.42E+00	
	-303.00	2.49E-07	-9.99E-06	3.16E-06	-3.11E-04	1.73E-06	3.36E-04	1.51E-04	-1.60E-04				
18	361.00	-3.17E-01	-4.91E-01	-4.35E-02	-3.07E+00	8.33E-02	3.29E+00	2.67E+00	-3.48E+00	-44.19	-3.17E-01	-3.07E+00	
	-213.00	-3.36E-06	-1.13E-05	9.09E-06	-2.79E-04	7.57E-06	3.00E-04	1.32E-04	-1.47E-04				
19	361.00	-4.33E-01	-3.91E-01	5.12E-01	-2.45E+00	3.13E-01	2.76E+00	2.04E+00	-2.86E+00	-45.24	-4.33E-01	-2.45E+00	
	-138.00	-8.20E-06	-7.25E-06	1.33E-05	-1.11E-04	1.42E-05	1.26E-04	4.80E-05	-6.34E-05				
20	312.00	-2.02E+00	-1.84E+00	-1.12E+00	-3.99E+00	9.26E-01	4.44E+00	2.06E+00	-5.92E+00	-45.65	-2.02E+00	-3.99E+00	
	-68.00	-2.30E-05	-1.61E-05	1.18E-05	-3.07E-04	7.12E-05	3.42E-04	1.34E-04	-1.73E-04				
21	360.67	1.89E+00	1.16E+00	1.92E+00	-1.93E+00	2.43E-02	2.10E+00	3.48E+00	-4.38E-01	-39.66	1.16E+00	1.93E+00	
	-88.00	1.80E-05	-9.94E-06	1.92E-05	-1.48E-04	1.87E-06	1.62E-04	7.95E-05	-7.14E-05				
22	409.33	-1.14E+00	-1.60E+00	-4.82E-01	-3.76E+00	4.01E-02	4.71E+00	2.39E+00	-5.14E+00	-43.23	-5.10E+00	5.43E-01	
	-68.00	-8.39E-06	-2.63E-05	1.69E-05	-2.89E-04	3.08E-06	3.62E-04	1.27E-04	-1.62E-04				
23	324.00	-5.58E-01	-9.97E-02	4.02E-01	-1.61E+00	6.52E-01	1.54E+00	1.30E+00	-1.96E+00	-49.05	-5.58E-01	-1.61E+00	
	-19.00	-1.87E-05	-1.02E-06	1.83E-05	-1.24E-04	5.01E-05	1.19E-04	5.28E-05	-7.25E-05				
24	372.00	-3.83E-01	1.76E-01	6.73E-01	-4.07E+00	6.22E-01	4.30E+00	3.98E+00	-4.18E+00	-46.96	-3.83E-01	-4.07E+00	
	-9.33	-1.98E-05	1.64E-06	2.08E-05	-3.13E-04	4.78E-05	3.31E-04	1.48E-04	-1.66E-04				
25	401.25	-1.25E-01	8.45E-02	8.06E-01	-1.34E+00	2.25E-01	1.80E+00	1.33E+00	-1.37E+00	-47.23	1.14E+00	-6.89E-01	
	-19.00	-1.32E-05	-5.16E-06	2.26E-05	-1.03E-04	1.73E-05	1.39E-04	4.26E-05	-6.09E-05				
26	427.67	-2.18E+00	-2.30E+00	-1.06E+00	-4.56E+00	8.35E-01	6.10E+00	2.33E+00	-6.80E+00	-44.64	-4.89E+00	-3.71E+00	
	-9.33	-2.30E-05	-2.75E-05	2.01E-05	-3.51E-04	6.42E-05	4.69E-04	1.50E-04	-2.01E-04				
27	457.00	-3.36E-01	-7.46E-01	-3.23E-01	-3.43E+00	-1.49E-02	3.79E+00	2.89E+00	-3.98E+00	-43.29	-3.36E-01	-3.43E+00	
	-303.00	2.95E-06	-1.57E-05	3.58E-06	-3.12E-04	-1.35E-06	3.45E-04	1.50E-04	-1.63E-04				
28	457.00	-2.72E-01	-6.03E-01	-4.35E-02	-3.23E+00	3.46E-02	3.47E+00	2.80E+00	-3.68E+00	-43.54	-2.72E-01	-3.23E+00	
	-213.00	-4.30E-07	-1.55E-05	9.94E-06	-2.94E-04	3.15E-06	3.16E-04	1.39E-04	-1.55E-04				
29	457.00	-5.91E-01	-4.89E-01	4.56E-01	-2.63E+00	-4.61E-02	2.82E+00	2.09E+00	-3.17E+00	-45.55	-5.91E-01	-2.63E+00	
	-138.00	-1.02E-05	-7.85E-06	1.36E-05	-1.19E-04	-2.10E-06	1.28E-04	5.07E-05	-6.87E-05				
30	442.00	-1.25E+00	-2.86E+00	-1.07E+00	-4.57E+00	-7.68E-02	5.08E+00	2.58E+00	-6.70E+00	-39.99	-1.25E+00	-4.57E+00	
	-68.00	8.96E-06	-5.31E-05	1.57E-05	-3.52E-04	-5.91E-06	3.90E-04	1.56E-04	-2.01E-04				
31	457.33	5.29E+00	2.14E+00	3.48E+00	-1.53E+00	-2.34E+00	2.66E+00	5.92E+00	1.52E+00	-22.10	2.14E+00	1.53E+00	
	-88.00	8.37E-05	-3.76E-05	1.39E-05	-1.18E-04	-1.80E-04	2.05E-04	1.08E-04	-6.16E-05				
32	472.67	-9.20E+00	-8.52E+00	-6.60E+00	-3.88E+00	1.47E+00	6.35E+00	-4.96E+00	-1.28E+01	-47.50	-1.16E+01	-2.74E+00	
	-68.00	-8.66E-05	-4.05E-05	1.35E-05	-2.99E-04	1.13E-04	4.89E-04	7.63E-05	-2.23E-04				
33	443.00	-7.58E-01	-7.40E-01	2.52E-01	-2.40E+00	3.17E-01	2.43E+00	1.65E+00	-3.15E+00	-45.11	-7.58E-01	-2.40E+00	
	-19.50	-1.55E-05	-1.48E-05	2.34E-05	-1.84E-04	2.44E-05	1.87E-04	7.71E-05	-1.07E-04				
34	454.00	-7.54E+00	-4.17E+00	-4.76E+00	-5.93E+00	1.76E+00	7.75E+00	-8.85E-01	-1.28E+01	-48.30	-9.91E+00	-5.13E+00	
	-11.33	-8.71E-05	-3.43E-05	1.99E-05	-4.56E-04	1.35E-04	5.96E-04	1.69E-04	-2.90E-04				
35	461.67	-2.65E+00	-3.68E+00	-1.82E+00	-5.60E+00	4.60E-01	8.05E+00	2.46E+00	-8.79E+00	-42.36	-2.65E+00	-5.60E+00	
	-12.00	-1.23E-05	-5.21E-05	1.96E-05	-4.31E-04	3.54E-05	6.20E-04	1.84E-04	-2.49E-04				
36	469.00	4.61E+00	1.55E+00	3.23E+00	-5.24E-01	-2.05E+00	3.22E+00	4.70E+00	1.46E+00	-9.44	1.55E+00	5.24E-01	
	-30.00	7.41E-05	-4.37E-05	2.11E-05	-4.03E-05	-1.58E-04	2.48E-04	7.75E-05	-4.71E-05				
37	476.33	-4.27E+00	-6.11E+00	-3.40E+00	-3.88E+00	4.53E-01	6.63E+00	-1.21E+00	-9.18E+00	-38.32	-5.86E+00	-3.93E+00	
	-12.00	-1.29E-05	-8.37E-05	2.08E-05	-2.98E-04	3.79E-05	5.10E-04	1.05E-04	-2.02E-04				
38	558.50	1.27E-01	-2.41E-01	5.18E-02	-3.18E+00	-1.06E-01	3.67E+00	3.13E+00	-3.25E+00	-43.35	1.27E-01	-3.18E+00	
	-303.00	6.58E-06	-1.01E-05	3.16E-06	-2.89E-04	-9.63E-06	3.34E-04	1.43E-04	-1.47E-04				
39	55[illegible]	-8.34E-02	-7.57E-01	-8.08E-02	-3.18E+00	-2.10E-01	3.55E+00	2.78E+00	-3.62E+00	-41.98	-8.34E-02	-3.18E+00	
	-213	8.17E-06	-2.24E-05	8.29E-06	-2.89E-04	-1.91E-05	[illegible]23E-04	1.38E-04	-1.53E-04				
40	50[illegible]	1.31E-01	-1.91E+00	1.62E-01	-7.17E+00	-3.74E-0[illegible]	[illegible]50E+00	6.36E+00	-8.14E+00	-40.95	1.31E-01	-7[illegible]	

	-128.	1.15E-05	-3.50E-05	1.22E-05	-3.26E-04	-1.70E-05	[illegible]	[illegible]E-04	1.53E-04	-1.76E-04				
41	558.	2.56E+00	-1.17E+00	9.60E-01	-3.11E+00	-1.68E+00	[illegible]0E+00	4.32E+00	-2.93E+00	-29.50	-1.17E+00	3.11		
	-148.00	4.59E-05	-3.90E-05	9.49E-06	-1.41E-04	-7.65E-05	2.00E-04	8.59E-05	-7.90E-05					
42	610.83	-3.18E-01	-1.06E+00	-1.48E-01	-6.12E+00	-1.27E+00	5.87E+00	5.03E+00	-7.31E+00	-51.17	-7.26E+00	8.12E-01		
	-128.00	5.73E-06	-3.17E-05	8.67E-06	-2.78E-04	-5.76E-05	2.67E-04	1.27E-04	-1.53E-04					
43	501.38	8.18E-01	2.14E-02	9.27E-01	-1.66E+00	-5.70E-01	2.16E+00	2.12E+00	-1.29E+00	-38.24	8.18E-01	-1.66E+00		
	-78.00	1.21E-05	-1.86E-05	1.63E-05	-1.29E-04	-4.38E-05	1.66E-04	6.23E-05	-6.88E-05					
44	534.67	-1.09E+00	-1.70E+00	-6.49E-01	-5.26E+00	-3.49E-01	6.40E+00	3.87E+00	-6.67E+00	-43.35	-6.63E+00	6.15E-01		
	-68.00	-4.26E-06	-2.75E-05	1.29E-05	-4.05E-04	-2.69E-05	4.92E-04	1.87E-04	-2.18E-04					
45	584.67	9.29E-01	2.30E-02	8.09E-01	-4.85E+00	-1.24E+00	4.75E+00	5.35E+00	-4.40E+00	-42.34	9.29E-01	-4.85E+00		
	-68.00	1.64E-05	-1.85E-05	1.18E-05	-3.73E-04	-9.55E-05	3.65E-04	1.86E-04	-1.89E-04					
46	610.83	5.14E+00	7.90E-01	2.58E+00	-2.59E+00	-2.44E+00	3.76E+00	6.35E+00	-4.19E-01	-25.00	7.90E-01	2.59E+00		
	-88.00	1.04E-04	-6.31E-05	5.73E-06	-1.99E-04	-1.88E-04	2.89E-04	1.51E-04	-1.10E-04					
47	482.63	1.42E-01	-5.56E-01	7.13E-01	-1.24E+00	-6.14E-01	2.45E+00	1.08E+00	-1.49E+00	-37.11	1.42E-01	-1.24E+00		
	-21.00	2.18E-06	-2.47E-05	2.41E-05	-9.50E-05	-4.73E-05	1.88E-04	3.81E-05	-6.06E-05					
48	485.83	-2.70E+00	-4.17E+00	-2.04E+00	-3.57E+00	-9.07E-02	7.38E+00	2.15E-01	-7.05E+00	-39.19	-3.17E+00	-3.64E+00		
	-12.00	-5.91E-06	-6.25E-05	1.94E-05	-2.75E-04	-6.98E-06	5.68E-04	1.06E-04	-1.75E-04					
49	507.88	1.47E-01	-6.90E-02	8.40E-01	-1.33E+00	-3.55E-01	2.66E+00	1.38E+00	-1.30E+00	-42.68	1.47E-01	-1.33E+00		
	-21.00	-4.42E-06	-1.27E-05	2.22E-05	-1.03E-04	-2.73E-05	2.05E-04	4.29E-05	-6.01E-05					
50	538.67	-9.56E-01	-1.20E+00	-3.14E-01	-4.70E+00	-1.66E+00	5.61E+00	3.63E+00	-5.78E+00	-44.25	-5.77E+00	3.33E-01		
	-10.00	-9.61E-06	-1.90E-05	1.51E-05	-3.62E-04	-1.28E-04	4.31E-04	1.67E-04	-1.95E-04					
51	484.67	1.49E+01	1.00E+01	1.09E+01	3.60E-01	-1.01E+00	8.11E-01	1.45E+01	1.00E+01	4.57	1.00E+01	-3.60E-01		
	8.00	1.69E-04	-3.09E-06	2.84E-05	2.77E-05	-7.77E-05	6.24E-05	1.70E-04	-4.19E-06					
52	507.00	-3.23E+00	-4.06E+00	-2.05E+00	-2.23E+00	-7.55E-01	-2.01E+00	-1.37E+00	-5.91E+00	-39.73	-5.38E+00	-1.46E+00		
	9.00	-2.15E-05	-5.34E-05	2.36E-05	-1.71E-04	-5.81E-05	-1.54E-04	4.97E-05	-1.25E-04					
53	603.00	6.13E-02	-2.52E-02	2.88E-01	-1.92E+00	-8.15E-01	1.89E+00	1.93E+00	-1.90E+00	-44.35	1.25E+00	-1.47E+00		
	-18.00	-1.21E-06	-4.54E-06	7.53E-06	-1.47E-04	-6.27E-05	1.46E-04	7.08E-05	-7.66E-05					
54	712.00	2.03E-01	-3.88E-01	-3.15E-02	-2.97E+00	-2.64E-01	3.14E+00	2.89E+00	-3.08E+00	-42.16	2.03E-01	-2.97E+00		
	-303.00	1.20E-05	-1.48E-05	1.37E-06	-2.70E-04	-2.40E-05	2.85E-04	1.34E-04	-1.37E-04					
55	712.00	1.65E+00	7.28E-01	1.01E+00	-3.26E+00	-8.28E-01	3.06E+00	4.48E+00	-2.10E+00	-40.96	1.65E+00	-3.26E+00		
	-213.00	3.12E-05	-1.09E-05	1.74E-06	-2.96E-04	-7.53E-05	2.78E-04	1.60E-04	-1.39E-04					
56	712.00	2.30E+00	1.00E+00	1.01E+00	-2.43E+00	-1.89E+00	2.42E+00	4.16E+00	-8.62E-01	-37.53	2.30E+00	-2.43E+00		
	-138.00	2.97E-05	1.57E-07	2.80E-07	-1.10E-04	-8.59E-05	1.10E-04	7.20E-05	-4.22E-05					
57	712.00	7.13E-01	-1.88E-02	2.78E-01	-1.56E+00	-7.65E-01	1.82E+00	1.95E+00	-1.26E+00	-38.40	7.13E-01	-1.56E+00		
	-78.00	1.67E-05	-1.14E-05	1.47E-08	-1.20E-04	-5.88E-05	1.40E-04	6.43E-05	-5.9CE-05					
58	712.00	8.43E-01	3.85E-01	4.80E-01	-2.12E+00	-6.60E-01	2.21E+00	2.74E+00	-1.51E+00	-41.91	8.43E-01	-2.12E+00		
	-18.00	1.37E-05	-3.97E-06	-3.01E-07	-1.63E-04	-5.08E-05	1.70E-04	8.67E-05	-7.70E-05					
59	837.00	8.39E+00	4.59E+00	5.19E+00	-2.49E+00	-1.63E+00	2.71E+00	9.62E+00	3.36E+00	-26.29	4.59E+00	2.49E+00		
	-318.00	1.45E-04	-2.74E-05	.00E+00	-2.26E-04	-1.48E-04	2.47E-04	2.01E-04	-8.33E-05					
60	887.00	1.07E+00	-1.15E-01	3.80E-01	-6.66E+00	-6.05E-01	6.12E+00	7.16E+00	-6.21E+00	-42.47	-5.68E+00	2.61E+00		
	-288.00	3.11E-05	-2.25E-05	.00E+00	-6.06E-04	-5.50E-05	5.56E-04	3.08E-04	-3.00E-04					
61	987.00	-1.58E+00	-1.17E+00	-1.10E+00	-6.76E+00	3.75E-01	5.74E+00	5.39E+00	-8.14E+00	-45.87	-1.58E+00	-6.76E+00		
	-288.00	-2.19E-05	-3.15E-06	.00E+00	-6.14E-04	3.41E-05	5.22E-04	2.95E-04	-3.20E-04					
62	1037.00	8.28E+00	4.92E+00	5.28E+00	-4.94E+00	-1.40E+00	4.66E+00	1.18E+01	1.38E+00	-35.63	4.92E+00	4.94E+00		
	-318.00	1.36E-04	-1.62E-05	.00E+00	-4.49E-04	-1.27E-04	4.24E-04	2.97E-04	-1.77E-04					
63	862.00	1.90E-01	-8.75E-04	-3.12E-02	-3.39E+00	-1.88E-01	3.16E+00	3.49E+00	-3.30E+00	-44.20	1.90E-01	-3.39E+00		
	-213.00	6.58E-06	-2.09E-06	-3.47E-06	-3.08E-04	-1.71E-05	2.87E-04	1.56E-04	-1.52E-04					
64	1012.00	-4.10E-01	-3.56E-01	-4.26E-01	-3.64E+00	9.40E-02	3.24E+00	3.25E+00	-4.02E+00	-45.21	-4.10E-01	-3.64E+00		
	-213.00	-3.16E-06	-7.09E-07	-3.88E-06	-3.31E-04	8.55E-06	2.94E-04	1.63E-04	-1.67E-04					
65	837.00	4.97E-02	1.15E-01	-2.84E-01	-2.61E+00	-2.59E-01	3.26E+00	2.69E+00	-2.53E+00	-45.36	1.15E-01	2.61E+00		
	-148.00	1.75E-06	3.24E-06	-5.62E-06	-1.19E-04	-1.18E-05	1.48E-04	6.18E-05	-5.68E-05					
66	937.00	4.86E-01	-2.45E-02	-1.59E-01	-4.54E+00	-3.59E-01	3.93E+00	4.77E+00	-4.31E+00	-43.39	-3.08E+00	3.11E+00		
	-128.00	9.46E-06	-2.14E-06	-5.20E-06	-2.06E-04	-1.63E-05	1.78E-04	1.07E-04	-9.96E-05					
67	1037.00	4.28E+00	6.35E-01	1.13E+00	-4.36E+00	-1.55E+00	4.32E+00	7.18E+00	-2.27E+00	-33.68	6.35E-01	4.36E+00		
	-148.00	6.55E-05	-1.72E-05	-6.03E-06	-1.98E-04	-7.05E-05	1.97E-04	1.32E-04	-8.34E-05					
68	837.00	1.30E+00	9.41E-01	7.35E-01	-4.93E+00	-6.97E-01	4.49E+00	6.06E+00	-3.81E+00	-43.94	1.30E+00	-4.93E+00		
	-68.00	1.74E-05	3.44E-06	-4.48E-06	-3.80E-04	-5.36E-05	3.46E-04	2.00E-04	-1.79E-04					
69	937.00	1.82E+00	-1.96E-01	3.64E-01	-2.65E+00	-7.83E-01	2.44E+00	3.65E+00	-2.03E+00	-34.59	-1.96E-01	2.65E+00		
	-88.00	4.82E-05	-2.94E-05	-7.86E-06	-2.04E-04	-6.02E-05	1.88E-04	1.19E-04	-9.98E-05					
70	1037.00	-3.62E-02	-9.58E-01	-6.56E-01	-4.51E+00	1.15E-01	5.00E+00	4.04E+00	-5.04E+00	-42.09	-3.94E+00	2.95E+00		
	-68.00	1.47E-05	-1.87E-05	-7.11E-06	-3.47E-04	8.87E-06	3.85E-04	1.74E-04	-1.76E-04					
71	862.00	1.17E+00	5.68E-01	4.56E-01	-2.08E+00	-6.48E-01	2.14E+00	2.97E+00	-1.23E+00	-40.88	1.17E+00	-2.08E+00		
	-18.00	2.09E-05	-2.29E-06	-6.59E-06	-1.60E-04	-4.98E-05	1.64E-04	5.02E-05	-7.16E-05					
72	1012.00	-2.27E-01	-5.63E-01	-6.09E-01	-2.30E+00	5.14E-02	1.99E+00	1.91E+00	-2.70E+00	-42.91	-2.27E-01	-2.30E+00		

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	-18.00	6.65E-06	-6.28E-06	-8.06E-06	-1.77E-04	3.95E-06	1.53E-04	8.90E-05	-8.86E-05					
73	1387.00	-4.36E-01	-4.42E-01	-4.07E-01	-2.70E+00	-5.42E-03	2.18E+00	2.25E+00	-3.15E+00	-44.86	-4.36E-01	-2.70E+00		
	-303.00	-2.87E-06	-4.05E-06	-1.56E-05	-2.46E-04	-4.92E-07	1.98E-04	1.15E-04	-1.26E-04					
74	1387.00	-1.40E-02	8.84E-02	-1.32E-01	-2.65E+00	-7.03E-02	2.14E+00	2.90E+00	-2.82E+00	-45.51	-1.40E-02	-2.86E+00		
	-213.00	1.08E-07	4.76E-06	-5.24E-06	-2.60E-04	-6.39E-06	1.05E-04	1.32E-04	-1.28E-04					
75	1387.00	1.01E-01	-1.45E-01	-4.70E-01	-2.11E+00	-2.47E-01	1.48E+00	2.09E+00	-2.13E+00	-43.33	1.01E-01	-2.11E+00		
	-138.00	4.99E-06	-6.00E-07	-7.98E-06	-9.57E-05	-1.12E-05	6.71E-05	5.01E-05	-4.57E-05					
76	1187.00	8.39E-01	6.01E-01	3.50E-01	-3.25E+00	-5.71E-01	1.80E+00	3.97E+00	-2.53E+00	-43.95	8.39E-01	-3.25E+00		
	-68.00	1.26E-05	2.44E-06	-6.21E-06	-2.50E-04	-4.40E-05	1.38E-04	1.33E-04	-1.17E-04					
77	1387.00	5.10E-01	6.33E-01	1.88E-01	-1.60E+00	-4.38E-01	1.39E+00	2.38E+00	-8.30E-01	-42.45	6.33E-01	1.60E+00		
	-88.00	1.63E-05	5.24E-06	-1.19E-05	-1.23E-04	-3.37E-05	1.07E-04	7.25E-05	-5.10E-05					
78	1587.00	3.20E-01	1.84E-01	-1.76E-01	-2.06E+00	-4.19E-02	1.00E+00	2.32E+00	-1.81E+00	-44.06	-6.04E-01	1.88E+00		
	-68.00	8.70E-06	3.49E-06	-1.04E-05	-1.59E-04	-3.22E-06	7.71E-05	8.55E-05	-7.33E-05					
79	1237.00	1.29E+00	4.55E-01	3.18E-01	-1.76E+00	-6.26E-01	1.25E+00	2.68E+00	-9.44E-01	-38.43	1.28E+00	-1.76E+00		
	-18.00	2.66E-05	-5.04E-06	-1.03E-05	-1.36E-04	-4.82E-05	9.58E-05	8.04E-05	-5.89E-05					
80	1433.80	7.73E-01	1.62E-01	-6.08E-02	-2.09E+00	-3.34E-01	9.60E-01	2.58E+00	-1.65E+00	-40.85	7.73E-01	-2.09E+00		
	-8.00	2.01E-05	-3.36E-06	-1.19E-05	-1.61E-04	-2.57E-05	7.45E-05	8.97E-05	-7.29E-05					
81	1533.80	1.28E+00	2.68E-01	1.77E-01	-1.19E+00	-2.85E-01	5.97E-01	2.06E+00	-5.19E-01	-33.50	2.68E-01	1.19E+00		
	-28.00	3.02E-05	-8.62E-06	-1.21E-05	-9.15E-05	-2.19E-05	4.60E-05	6.05E-05	-3.89E-05					
82	1633.80	1.38E+00	4.78E-01	3.31E-01	-4.53E-01	-7.33E-02	1.59E-01	1.57E+00	2.90E-01	-22.49	2.92E-01	4.22E-02		
	-8.00	2.92E-05	-5.72E-06	-1.14E-05	-3.48E-05	-5.64E-06	1.23E-05	3.64E-05	-1.29E-05					
83	1433.80	5.22E+00	2.21E+00	2.45E+00	-1.34E+00	-1.51E+00	6.97E-01	5.72E+00	1.70E+00	-20.83	2.21E+00	1.34E+00		
	27.60	9.20E-05	-2.35E-05	-1.42E-05	-1.03E-04	-1.16E-04	5.36E-05	1.12E-04	-4.30E-05					
84	1296.10	1.87E+00	2.15E-01	3.58E-01	-1.46E+00	-7.25E-01	8.19E-01	2.72E+00	-6.34E-01	-30.23	1.12E+00	1.67E+00		
	40.70	4.50E-05	-1.85E-05	-1.31E-05	-1.12E-04	-5.58E-05	6.30E-05	7.77E-05	-5.12E-05					
85	1148.60	8.85E-01	-3.66E-01	-1.12E-01	-2.00E+00	-8.27E-01	6.81E-01	2.36E+00	-1.84E+00	-36.32	-1.50E+00	-1.14E+00		
	57.33	2.96E-05	-1.85E-05	-8.77E-06	-1.54E-04	-6.36E-05	5.24E-05	8.61E-05	-7.51E-05					
86	1131.40	6.55E+00	3.28E+00	3.29E+00	-6.58E-01	-2.64E+00	1.62E-01	6.68E+00	3.15E+00	-10.94	3.28E+00	6.58E-01		
	112.00	1.08E-04	-1.81E-05	-1.76E-05	-5.06E-05	-2.03E-04	1.25E-05	1.13E-04	-2.30E-05					
87	1019.80	1.84E+00	5.00E-01	5.76E-01	-2.03E+00	-9.42E-01	3.06E+00	3.30E+00	-9.65E-01	-35.86	5.00E-01	2.03E+00		
	34.67	3.87E-05	-1.28E-05	-9.88E-06	-1.56E-04	-7.25E-05	2.36E-04	9.51E-05	-6.92E-05					
88	886.60	9.99E-01	2.40E-01	2.53E-01	-1.66E+00	-4.63E-01	1.91E+00	2.32E+00	-1.09E+00	-38.57	9.99E-01	-1.66E+00		
	48.00	2.20E-05	-7.17E-06	-6.65E-06	-1.28E-04	-3.56E-05	1.47E-04	7.30E-05	-5.82E-05					
89	869.80	4.56E+00	2.05E+00	2.33E+00	-8.68E-01	-1.32E+00	8.81E-01	4.83E+00	1.78E+00	-17.36	2.05E+00	8.68E-01		
	96.00	7.71E-05	-1.93E-05	-8.69E-06	-6.68E-05	-1.02E-04	6.77E-05	8.75E-05	-2.97E-05					
90	952.60	7.97E-01	-2.19E+00	-8.45E-01	-2.56E+00	-7.82E-01	1.84E+00	2.26E+00	-3.66E+00	-29.86	-3.03E+00	1.82E+00		
	128.00	5.52E-05	-5.96E-05	-7.93E-06	-1.97E-04	-6.01E-05	1.42E-04	1.12E-04	-1.16E-04					
91	869.80	1.31E+00	1.08E-01	3.39E-01	-1.16E+00	-7.64E-01	5.41E-01	2.01E+00	-5.98E-01	-31.34	1.31E+00	-1.16E+00		
	160.00	3.10E-05	-1.51E-05	-6.24E-06	-8.92E-05	-5.87E-05	4.16E-05	5.82E-05	-4.23E-05					
92	869.80	6.14E+00	2.07E+00	2.79E+00	-5.24E-01	-2.58E+00	7.01E-01	6.21E+00	2.00E+00	-7.21	2.07E+00	5.24E-01		
	203.60	1.15E-04	-4.13E-05	-1.37E-05	-4.03E-05	-1.98E-04	5.40E-05	1.18E-04	-4.38E-05					
93	598.67	-1.32E-01	-1.00E-01	5.03E-02	-3.34E+00	-1.68E+00	3.85E+00	3.22E+00	-3.45E+00	-45.14	-1.00E-01	3.34E+00		
	16.00	-3.07E-06	-1.86E-06	3.93E-06	-2.57E-04	-1.29E-04	2.96E-04	1.26E-04	-1.31E-04					
94	645.75	6.79E-01	2.55E-01	4.71E-01	-2.13E+00	-7.29E-01	1.91E+00	2.60E+00	-1.67E+00	-42.15	6.79E-01	-2.13E+00		
	24.00	1.07E-05	-5.64E-06	2.68E-06	-1.64E-04	-5.61E-05	1.47E-04	8.47E-05	-7.97E-05					
95	613.10	8.75E-01	1.16E+00	1.01E+00	-3.59E+00	-6.15E-01	9.22E-01	4.62E+00	-2.58E+00	-46.15	8.75E-01	-3.59E+00		
	69.33	1.21E-07	1.12E-05	5.44E-06	-2.77E-04	-4.73E-05	7.09E-05	1.44E-04	-1.33E-04					
96	708.45	1.25E+00	2.13E-01	5.03E-01	-1.69E+00	-7.35E-01	1.57E+00	2.50E+00	-1.04E+00	-36.46	1.28E+00	1.68E+00		
	55.00	2.66E-05	-1.35E-05	-2.29E-06	-1.30E-04	-5.66E-05	1.20E-04	7.47E-05	-6.16E-05					
97	613.10	3.55E+00	1.70E+00	1.99E+00	-1.11E+00	-1.98E+00	9.13E-01	4.07E+00	1.18E+00	-25.04	1.70E+00	1.11E+00		
	96.00	5.70E-05	-1.42E-05	-3.02E-06	-8.51E-05	-1.53E-04	7.03E-05	7.69E-05	-3.41E-05					
98	682.27	1.23E+00	2.43E-01	4.89E-01	-2.33E+00	-6.17E-01	1.78E+00	3.12E+00	-1.65E+00	-39.05	-1.39E+00	1.09E+00		
	112.00	2.56E-05	-1.22E-05	-2.72E-06	-1.79E-04	-4.74E-05	1.37E-04	9.84E-05	-8.49E-05					
99	751.43	3.96E+00	-1.15E+00	8.70E-01	-2.62E+00	-1.66E+00	3.49E+00	4.98E+00	-2.27E+00	-23.17	-1.15E+00	2.62E+00		
	96.00	1.09E-04	-8.34E-05	-5.95E-06	-2.02E-04	-1.43E-04	2.69E-04	1.52E-04	-1.27E-04					
100	683.25	1.14E+00	2.32E-01	3.97E-01	-8.64E-01	-4.64E-01	1.14E+00	1.66E+00	-2.96E-01	-31.12	1.14E+00	-8.64E-01		
	152.00	2.45E-05	-1.05E-05	-4.20E-06	-6.65E-05	-3.57E-05	8.77E-05	4.45E-05	-3.06E-05					
101	648.67	5.62E+00	2.77E+00	3.16E+00	-5.46E-01	-1.26E+00	8.24E-01	5.73E+00	2.67E+00	-10.46	2.77E+00	5.46E-01		
	192.00	8.94E-05	-2.05E-05	-5.41E-06	-4.20E-05	-9.67E-05	6.34E-05	9.32E-05	-2.43E-05					
102	725.25	8.66E-01	-4.66E-01	-5.92E-02	-9.54E-01	-3.24E-01	7.65E-01	1.36E+00	-9.64E-01	-27.55	1.39E-01	1.16E+00		
	232.70	2.95E-05	-2.17E-05	-6.02E-06	-7.34E-05	-2.49E-05	5.88E-05	4.87E-05	-4.08E-05					
103	635.[illegible]	7.59E-01	7.27E-01	3.94E-01	-4.64E-02	-2.44E-01	4.68E-02	7.92E-01	6.94E-01	-35.47	7.59E-01	-4.64E-02		
	256.[illegible]	8.54E-06	7.30E-06	-5.50E-06	-3.57E-06	-1.88E-05	[illegible]0E-06	9.81E-06	6.03E-06					
104	635.[illegible]	2.08E+00	1.39E+00	1.07E+00	4.97E-02	-8.03E-01	[illegible]8E-02	2.08E+00	1.36E+00	4.10	1.39E+00	-4.[illegible]		

	290.6[illegible]	[illegible].01E-05	3.52E-06	-8.72E-06	3.83E-06	-6.17E-05	[illegible]E-06	3.02E-05	3.39E-06				
105	5[illegible]0.00	-3.15E-01	-1.34E-01	1.87E-01	-3.54E+00	-1.09E+00	[illegible]9E+00	3.32E+00	-3.77E+00	-45.73	-3.15E-01	-3.54E[illegible]	
	16.50	-9.24E-06	-2.27E-06	1.01E-05	-2.73E-04	-8.39E-05	2.53E-04	1.31E-04	-1.42E-04				
106	508.50	-5.63E+00	-2.50E+00	-3.40E+00	-2.32E+00	-2.43E+00	1.02E+00	-2.36E+00	-7.37E+00	-56.27	-3.90E+00	2.32E+00	
	13.00	-7.08E-05	-5.86E-06	1.36E-05	-1.79E-04	-1.87E-04	7.88E-05	5.37E-05	-1.35E-04				
107	521.00	-1.69E+00	-9.81E-01	-3.95E-01	-3.36E+00	-9.06E-01	1.86E+00	2.04E+00	-4.71E+00	-48.02	-1.69E+00	-3.36E+00	
	15.75	-3.13E-05	-4.03E-06	1.85E-05	-2.58E-04	-6.97E-05	1.43E-04	1.12E-04	-1.47E-04				
108	526.25	-1.44E+00	-9.13E-01	-3.11E-01	-3.72E+00	-7.62E-01	1.52E+00	2.61E+00	-4.86E+00	-47.40	-1.44E+00	-3.72E+00	
	21.00	-2.72E-05	-3.12E-06	1.62E-05	-2.86E-04	-5.86E-05	1.48E-04	1.28E-04	-1.55E-04				
109	515.50	-3.53E+00	-2.38E+00	-2.03E+00	-4.49E+00	-1.64E+00	1.04E+00	1.56E+00	-7.47E+00	-48.64	-2.38E+00	4.48E+00	
	26.00	-4.84E-05	-4.36E-06	9.20E-06	-3.45E-04	-1.26E-04	7.59E-05	1.47E-04	-2.00E-04				
110	531.50	-4.56E-01	-4.35E-01	5.80E-02	-3.04E+00	-5.31E-01	1.63E+00	2.60E+00	-3.49E+00	-45.10	-4.56E-01	-3.04E+00	
	34.50	-8.38E-06	-7.57E-06	1.14E-05	-2.34E-04	-4.08E-05	1.25E-04	1.09E-04	-1.25E-04				
111	51[illegible].50	2.43E+00	3.57E+00	2.92E+00	-8.74E+00	-4.02E-01	5.74E-01	1.18E+01	-5.76E+00	-56.86	2.43E+00	-8.74E+00	
	44.00	-4.38E-06	3.93E-05	1.41E-05	-6.73E-04	-3.09E-05	4.41E-05	3.54E-04	-3.20E-04				
112	51[illegible].50	1.44E+00	8.56E-01	1.15E+00	-2.04E+00	-8.55E-01	8.35E-01	3.21E+00	-9.14E-01	-40.95	8.56E-01	2.04E+00	
	53.33	1.74E-05	-4.94E-06	6.47E-06	-1.57E-04	-6.58E-05	6.42E-05	8.55E-05	-7.30E-05				
113	547.50	1.32E+00	-7.25E-01	4.61E-01	-3.32E+00	-5.81E-01	2.81E+00	3.77E+00	-3.17E+00	-36.42	-1.75E+00	2.80E+00	
	64.00	3.92E-05	-3.95E-05	6.09E-06	-2.55E-04	-4.47E-05	2.16E-04	1.33E-04	-1.34E-04				
114	51[illegible].50	2.86E+00	3.11E+00	2.62E+00	-3.63E+00	-2.48E-01	1.16E+00	6.62E+00	-6.46E-01	-45.98	2.86E+00	-3.63E+00	
	74.67	1.56E-05	2.52E-05	6.40E-06	-2.79E-04	-1.91E-05	8.89E-05	1.60E-04	-1.19E-04				
115	51[illegible].50	6.04E+00	3.77E+00	4.09E+00	-1.32E+00	-7.13E-01	7.79E-01	6.64E+00	3.16E+00	-24.68	3.77E+00	1.32E+00	
	88.00	7.95E-05	-7.70E-06	4.57E-06	-1.02E-04	-5.49E-05	5.99E-05	1.03E-04	-3.10E-05				
116	547.50	3.26E+00	6.71E-02	1.49E+00	-4.13E+00	-5.43E-01	2.41E+00	6.09E+00	-2.77E+00	-34.45	-1.69E+00	2.90E+00	
	104.00	7.24E-05	-5.03E-05	4.31E-06	-3.18E-04	-4.17E-05	1.85E-04	1.81E-04	-1.59E-04				
117	51[illegible].50	3.14E+00	9.46E-01	8.42E-01	-2.89E+00	-5.34E-02	1.57E+00	3.93E+00	-1.85E+00	-44.05	1.14E+00	-2.89E+00	
	120.00	1.16E-05	4.22E-06	2.34E-07	-2.22E-04	-4.11E-06	1.21E-04	1.19E-04	-1.03E-04				
118	515.50	4.41E+00	2.68E+00	2.81E+00	-1.12E+00	-2.68E-01	6.60E-01	4.96E+00	2.13E+00	-26.19	2.68E+00	1.12E+00	
	136.00	6.08E-05	-5.74E-06	-6.61E-07	-8.63E-05	-2.06E-05	5.08E-05	8.20E-05	-2.70E-05				
119	547.50	2.80E+00	5.52E-01	1.32E+00	-2.78E+00	-2.56E-01	1.43E+00	4.67E+00	-1.32E+00	-34.01	-6.25E-01	1.93E+00	
	152.00	5.63E-05	-3.00E-05	-6.23E-07	-2.14E-04	-1.97E-05	1.10E-04	1.28E-04	-1.02E-04				
120	515.50	1.31E+00	8.45E-01	6.75E-01	-1.91E+00	2.77E-02	1.17E+00	3.00E+00	-8.47E-01	-41.54	1.31E+00	-1.91E+00	
	168.00	1.92E-05	1.42E-06	-5.12E-06	-1.47E-04	2.13E-06	9.00E-05	8.43E-05	-6.36E-05				
121	515.50	5.60E+00	3.44E+00	3.46E+00	-8.97E-01	-1.44E-01	4.98E-01	5.93E+00	3.12E+00	-19.86	3.44E+00	8.97E-01	
	184.00	7.80E-05	-5.02E-06	-4.25E-06	-6.90E-05	-1.11E-05	3.83E-05	9.05E-05	-1.75E-05				
122	547.50	1.78E+00	-1.08E+00	1.34E-01	-3.13E+00	-1.30E-01	1.89E+00	3.79E+00	-3.09E+00	-32.71	-2.38E+00	2.09E+00	
	200.00	5.93E-05	-5.07E-05	-4.00E-06	-2.41E-04	-1.00E-05	1.45E-04	1.37E-04	-1.26E-04				
123	51[illegible].50	-8.72E-01	-1.62E+00	-1.36E+00	-1.40E+00	3.32E-01	1.55E+00	2.02E-01	-2.70E+00	-37.51	-8.72E-01	-1.40E+00	
	216.00	8.76E-06	-2.01E-05	-9.87E-06	-1.08E-04	2.55E-05	1.19E-04	5.01E-05	-6.14E-05				
124	515.50	1.89E+00	1.06E+00	9.33E-01	-3.96E-01	6.65E-01	3.28E-01	2.05E+00	9.03E-01	-21.93	1.06E+00	3.96E-01	
	232.00	2.99E-05	-1.79E-06	-6.78E-06	-3.05E-05	5.12E-05	2.52E-05	3.60E-05	-7.92E-06				
125	547.50	1.14E+00	6.77E-01	4.96E-01	-7.63E-01	3.37E-01	5.06E-01	1.71E+00	1.12E-01	-36.48	3.45E-01	5.63E-01	
	248.00	1.86E-05	5.58E-07	-6.39E-06	-5.87E-05	2.60E-05	3.89E-05	4.03E-05	-2.11E-05				
126	515.50	-1.31E+00	-2.10E+00	-1.78E+00	1.14E-01	4.91E-01	1.48E+00	-1.30E+00	-2.11E+00	8.11	-1.31E+00	1.14E-01	
	264.00	6.54E-06	-2.36E-05	-1.15E-05	8.75E-06	3.78E-05	1.13E-04	7.17E-06	-2.42E-05				
127	515.50	1.17E+00	6.95E-01	5.40E-01	-2.02E-01	1.10E+00	1.77E-01	1.24E+00	6.21E-01	-20.28	6.95E-01	2.02E-01	
	276.00	1.85E-05	3.35E-07	-5.63E-06	-1.55E-05	8.47E-05	1.36E-05	2.14E-05	-2.54E-06				
128	531.50	-3.61E-01	-2.80E-01	-5.75E-01	-1.08E-01	4.42E-01	9.80E-02	-2.05E-01	-4.36E-01	-55.21	-3.61E-01	-1.08E-01	
	297.00	-5.13E-07	2.59E-06	-8.75E-06	-8.32E-06	3.40E-05	7.54E-06	5.48E-06	-3.40E-06				
129	515.50	-2.54E+00	-2.60E+00	-2.46E+00	4.02E-01	4.85E-01	1.07E+00	-2.18E+00	-2.98E+00	43.52	-2.56E+00	4.02E-01	
	320.00	-1.46E-05	-1.62E-05	-1.10E-05	3.09E-05	3.73E-05	8.23E-05	4.77E-08	-3.09E-05				
183	565.50	-5.95E-03	-2.79E-01	4.09E-01	-5.27E+00	-1.43E+00	4.26E+00	5.13E+00	-5.41E+00	-44.26	-5.95E-03	-5.27E+00	
	-8.00	-1.58E-06	-1.21E-05	1.44E-05	-4.05E-04	-1.10E-04	3.28E-04	1.96E-04	-2.10E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .2500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.4045E+02	.2571E+03	-.1501E+03	-.6270E+02	-.1605E+03	.1054E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.8126E+01	-.3873E+01	-.2066E+01	-.4971E+02	.4238E+02	.5031E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.7724E+01	.1330E+01	-.9935E+00	-.7797E+02	.9627E+02	.5045E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1069E+02	-.2399E+01	-.3187E+00	-.1086E+03	.1495E+03	.1322E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1178E+02	.1749E+01	-.3035E+00	-.1399E+03	.2024E+03	.1772E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.3537E+00	.1003E+01	-.7863E+00	-.1885E+03	.2555E+03	.2302E+03
25	-.2565E+02	-.4174E+01	-.2358E+00	-.2363E+03	.2814E+03	.2811E+03
26	.1991E+02	.2577E+01	-.1610E+00	-.2551E+03	.2971E+03	.3185E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1216E+03	.2427E+02	-.4670E+01	-.2600E+03	.4064E+03	.3483E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2436E+04	-.4113E+03	.9006E+01	-.3669E+03	.1070E+04	.5471E+03
40	-.1612E+04	-.2429E+03	-.1116E+02	-.3428E+03	.1057E+04	.5026E+03
41	-.9650E+03	-.1202E+03	-.2531E+02	-.2950E+03	.9592E+03	.4377E+03
42	-.2033E+03	-.8443E+01	-.2046E+02	-.2588E+03	.6845E+03	.3820E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1916E+04	.2402E+03	.1044E+02	-.4500E+02	.1118E+04	-.2642E+03
48	.1646E+04	.2092E+03	.1152E+02	-.1370E+03	.1032E+04	-.1912E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3340E+04	.5105E+03	.1532E+02	-.3251E+01	.7571E+03	-.8384E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.7778E+01	-.2400E+02	.7250E+00	-.2465E+02	.1102E+04	-.2465E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2290E+04	.3488E+03	.1528E+02	-.4184E+02	.6169E+03	-.7928E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1409E+04	.2463E+03	.2061E+02	-.3744E+02	.5868E+03	-.7713E+03
[illegible]	.5544E+03	.8745E+02	.2605E+02	-.33[illegible]E+02	.5065E+03	-.8028E+03
[illegible]	-.1083E+04	-.1586E+03	.2617E+02	-.3[illegible]02	.4265E+03	-.8021E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1930E+04	-.2859E+03	.2229E+02	-.1236E+03	.3655E+03	-.7838E+03
76	.2043E+03	.3355E+02	.1554E+02	-.1546E+03	.2755E+03	-.7888E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.8112E+03	-.1199E+03	.1150E+02	-.1727E+03	.1576E+03	-.7637E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3372E+03	.5171E+02	.8445E+01	-.2211E+03	.8228E+02	-.7401E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4759E+03	-.7131E+02	.7507E+01	-.1822E+03	-.2060E+02	-.6873E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3045E+03	.4509E+02	.6292E+01	-.1656E+03	-.8523E+02	-.6296E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3509E+03	-.5406E+02	.6463E+01	-.1620E+03	-.1712E+03	-.5654E+03
109	.2034E+03	.2849E+02	.5666E+01	-.1614E+03	-.2329E+03	-.4902E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2938E+03	-.4682E+02	.5604E+01	-.1038E+03	-.2986E+03	-.4036E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1741E+03	-.2927E+02	.1527E+01	-.6588E+02	-.3350E+03	-.3156E+03
115	-.2374E+02	-.6929E+01	.4330E+00	-.3273E+02	-.3407E+03	-.2252E+03
116	-.1292E+03	-.2330E+02	-.3322E+00	-.7435E+01	-.3672E+03	-.1634E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1223E+03	-.2252E+02	-.1559E+01	-.3609E+02	-.3838E+03	-.1509E+03
119	-.6117E+02	-.1314E+02	-.2341E+01	.3471E+02	-.3545E+03	-.7930E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2326E+03	-.3231E+02	-.1414E+02	.4121E+02	-.3229E+03	-.3665E+02
122	-.1985E+03	-.1872E+02	-.2606E+02	-.1115E+02	-.3149E+03	-.4423E+02
123	-.1534E+03	-.1308E+02	-.2309E+02	-.8028E+01	-.2769E+03	-.4033E+02
124	-.1147E+03	-.9455E+01	-.1592E+02	-.5845E+01	-.2296E+03	-.3718E+02
125	-.7944E+02	-.5507E+01	-.1168E+02	-.4025E+01	-.1914E+03	-.3416E+02
126	-.3009E+02	.2349E+01	-.1093E+02	-.1733E+01	-.1636E+03	-.3093E+02
127	.6182E+01	.8535E+01	-.1126E+02	-.1275E+00	-.1423E+03	-.2670E+02
128	.4451E+02	.1397E+02	-.1109E+02	.3667E+01	-.9761E+02	-.2187E+02
129	.4720E+02	.1247E+02	-.9693E+01	.5489E+01	-.6047E+02	-.1743E+02
130	.3395E+02	.7870E+01	-.7516E+01	.5933E+01	-.3209E+02	-.1404E+02
131	.9451E+01	.1493E+01	-.5459E+01	.5276E+01	-.1505E+02	-.1167E+02
132	-.9437E+00	-.6814E+00	-.4094E+01	.3449E+01	-.1363E+02	-.9837E+01

133	-.1704E+01	-.5504E+00	-.3401E+01	.2356E+01	-.1366E+02	-.8148E+01
134	-.4594E+00	-.1791E+00	-.3639E+01	.1906E+01	-.1119E+02	-.6379E+01
135	-.4251E-01	-.2807E-01	-.4084E+01	.1336E+01	-.7923E+01	-.4705E+01
136	.9239E-02	-.2903E-01	-.5416E+01	.9897E+00	-.5170E+01	-.3149E+01
137	.7474E-01	.2360E-01	-.8339E+01	.7545E+00	-.2356E+01	-.1729E+01
138	-.9557E-02	-.1599E+00	-.1281E+03	.5935E+00	.6501E+00	-.8895E+00
139	-.1205E+00	-.1954E+00	.1079E+02	.8530E-01	-.3542E+00	.3736E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2600E+01 (FOR FOURTEP TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.20667E-01	.12525E-03	-.20744E-01	.00000E+00
3	.38088E-01	.41049E-03	-.38088E-01	.00000E+00
4	.41450E-01	.39905E-03	-.41370E-01	.00000E+00
5	.44957E-01	.29819E-04	-.44976E-01	.00000E+00
6	.51361E-01	-.10922E-04	-.51353E-01	.76366E-05
7	.46796E-01	.72128E-03	-.47473E-01	.00000E+00
8	.51522E-01	.56035E-03	-.51713E-01	.16471E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.20594E-01	.19303E-03	-.20851E-01	.00000E+00
11	.38441E-01	.43723E-03	-.39094E-01	.00000E+00
12	.43051E-01	.49013E-03	-.43814E-01	.00000E+00
13	.46809E-01	.39248E-03	-.47224E-01	.00000E+00
14	.51857E-01	.52793E-03	-.52662E-01	.37095E-05
15	.47536E-01	.95148E-03	-.49852E-01	.00000E+00
16	.52352E-01	.82064E-03	-.54219E-01	-.25624E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.20871E-01	.23138E-03	-.21885E-01	.00000E+00
19	.39304E-01	.45572E-03	-.41376E-01	.00000E+00
20	.44161E-01	.58331E-03	-.46585E-01	.00000E+00
21	.48062E-01	.34313E-03	-.50311E-01	.00000E+00
22	.53036E-01	.42560E-03	-.56390E-01	-.14160E-06
23	.49509E-01	.12910E-02	-.54831E-01	.00000E+00
24	.53876E-01	.10990E-02	-.59231E-01	.15703E-04
25	.54457E-01	.14770E-02	-.61052E-01	-.74146E-06
26	.54796E-01	.13475E-02	-.62127E-01	-.96356E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.21091E-01	.43277E-03	-.22951E-01	.00000E+00
29	.40471E-01	.91704E-03	-.43931E-01	.00000E+00
30	.45334E-01	.93194E-03	-.49986E-01	.00000E+00
31	.49920E-01	.12169E-02	-.55849E-01	.00000E+00
32	.55156E-01	.14999E-02	-.63314E-01	.42587E-04
33	.49844E-01	.19361E-02	-.55995E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.21014E-01	.69322E-03	-.23117E-01	.00000E+00
36	.40925E-01	.10142E-02	-.44742E-01	.00000E+00
37	.45937E-01	.11373E-02	-.49989E-01	.00000E+00
38	.51436E-01	.14156E-02	-.58164E-01	.00000E+00
39	.55788E-01	.20974E-02	-.65348E-01	-.34864E-04
40	.55676E-01	.23083E-02	-.64875E-01	-.67938E-05
41	.55568E-01	.22564E-02	-.64432E-01	.13229E-04
42	.55405E-01	.19334E-02	-.63935E-01	.33182E-04
43	.45827E-01	.15007E-02	-.49844E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.20014E-01	-.41401E-03	-.21756E-01	.00000E+00
46	.41251E-01	.76012E-03	-.43904E-01	.00000E+00
47	.55843E-01	.18152E-02	-.65533E-01	-.29858E-04
48	.55926E-01	.19665E-02	-.65504E-01	-.45850E-04
49	.51394E-01	.14323E-02	-.57711E-01	.00000E+00
50	.56371E-01	.19450E-02	-.65764E-01	-.12981E-03
51	.52107E-01	.16746E-02	-.57015E-01	.00000E+00
52	.58450E-01	.16401E-02	-.62544E-01	.00000E+00

	.55887E-01	.16465E-02	-.65640E-01	2064E-05
	.45819E-01	.73790E-03	-.47055E-01	.00000E+00
55	.51414E-01	.14070E-02	-.53253E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.17381E-01	.17543E-02	-.16928E-01	.00000E+00
58	.37442E-01	.94356E-03	-.32934E-01	.00000E+00
59	.59767E-01	.11442E-02	-.60287E-01	.00000E+00
60	.58642E-01	.15655E-02	-.61106E-01	.00000E+00
61	.56871E-01	.19495E-02	-.65934E-01	-.19875E-03
62	.43907E-01	.38603E-03	-.39796E-01	.00000E+00
63	.50429E-01	.19144E-03	-.46923E-01	.00000E+00
64	.59863E-01	.16014E-02	-.63415E-01	.00000E+00
65	.57542E-01	.19546E-02	-.66095E-01	-.24634E-03
66	.59203E-01	.19619E-02	-.66416E-01	-.29854E-03
67	.60092E-01	.19535E-02	-.66765E-01	-.28423E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.13840E-01	-.31889E-03	-.11019E-01	.00000E+00
70	.39952E-01	-.11185E-04	-.35448E-01	.00000E+00
71	.58683E-01	.78327E-04	-.54570E-01	.00000E+00
72	.61331E-01	.14479E-02	-.63758E-01	.00000E+00
73	.49280E-01	.88512E-04	-.42382E-01	.00000E+00
74	.65092E-01	.14742E-02	-.66500E-01	.00000E+00
75	.62511E-01	.19571E-02	-.67075E-01	-.21580E-03
76	.64545E-01	.20246E-02	-.67632E-01	-.15028E-03
77	.56484E-01	-.30081E-03	-.49549E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.16682E-01	.43889E-03	-.15346E-01	.00000E+00
80	.38558E-01	-.50389E-03	-.33305E-01	.00000E+00
81	.42774E-01	-.54101E-03	-.36843E-01	.00000E+00
82	.47625E-01	-.79158E-03	-.41925E-01	.00000E+00
83	.6550[illegible]E-01	-.13717E-04	-.60791E-01	.00000E+00
84	.62392E-01	-.44062E-03	-.55492E-01	.00000E+00
85	.66843E-01	.20446E-02	-.68366E-01	-.11986E-03
86	.67476E-01	.14348E-02	-.68097E-01	.00000E+00
87	.57336E-01	-.40008E-03	-.49189E-01	.00000E+00
88	.67786E-01	.11539E-02	-.65294E-01	.00000E+00
89	.68419E-01	.21259E-02	-.69058E-01	-.96403E-04
90	.45670E-01	-.21333E-03	-.35536E-01	.00000E+00
91	.48720E-01	-.38782E-03	-.37739E-01	.00000E+00
92	.51998E-01	.39187E-03	-.39653E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.20211E-01	.00000E+00	-.16194E-01	.00000E+00
95	.36813E-01	.00000E+00	-.28773E-01	.00000E+00
96	.41893E-01	.00000E+00	-.32349E-01	.00000E+00
97	.43879E-01	.00000E+00	-.33046E-01	.00000E+00
98	.43366E-01	.00000E+00	-.32611E-01	.00000E+00
99	.46785E-01	.28792E-03	-.34769E-01	.00000E+00
100	.56209E-01	.43953E-03	-.42957E-01	.00000E+00
101	.66276E-01	.90780E-03	-.56607E-01	.00000E+00
102	.70864E-01	.22069E-02	-.70074E-01	-.86720E-04
103	.68762E-01	.53449E-03	-.63382E-01	.00000E+00
104	.71968E-01	.18701E-02	-.70557E-01	.00000E+00
105	.72572E-01	.22657E-02	-.70941E-01	-.75407E-04
106	.71567E-01	.58475E-03	-.67642E-01	.00000E+00
107	.74759E-01	.20974E-02	-.72160E-01	.00000E+00
108	.74551E-01	.23206E-02	-.71774E-01	-.72149E-04
109	.75974E-01	.23640E-02	-.72439E-01	-.60965E-04
110	.75537E-01	.27370E-02	-.71051E-01	.00000E+00
111	.77869E-01	.26338E-02	-.74438E-01	.00000E+00
112	.77519E-01	.24142E-02	-.73038E-01	-.54622E-04
113	.77316E-01	.22592E-02	-.72454E-01	.00000E+00
114	.78384E-01	.23931E-02	-.73430E-01	-.21612E-04
115	.78709E-01	.23381E-02	-.73762E-01	-.76201E-05
116	.78702E-01	.23110E-02	-.73875E-01	.14304E-05

117	.78373E-01	.27703E-02	-.75427E-01	.00000E+00
118	.78726E-01	.23214E-02	-.73934E-01	.81058E-05
119	.78481E-01	.22960E-02	-.73981E-01	.16884E-04
120	.75960E-01	.26106E-02	-.75476E-01	.00000E+00
121	.77916E-01	.22301E-02	-.73908E-01	.32970E-04
122	.77849E-01	.19390E-02	-.73981E-01	.41129E-04
123	.77744E-01	.16696E-02	-.74036E-01	.47548E-04
124	.77621E-01	.13584E-02	-.74091E-01	.54946E-04
125	.77454E-01	.99751E-03	-.74147E-01	.63797E-04
126	.77122E-01	.23320E-03	-.74240E-01	.74395E-04
127	.76759E-01	-.47157E-03	-.74329E-01	.76424E-04
128	.76060E-01	-.20451E-02	-.74511E-01	.63064E-04
129	.75577E-01	-.32067E-02	-.74678E-01	.41703E-04
130	.75297E-01	-.39495E-02	-.74859E-01	.16450E-04
131	.75316E-01	-.39590E-02	-.75135E-01	-.11289E-04
132	.75555E-01	-.32259E-02	-.75380E-01	-.18659E-04
133	.75769E-01	-.24536E-02	-.75595E-01	-.15181E-04
134	.75901E-01	-.18208E-02	-.75770E-01	-.11525E-04
135	.75989E-01	-.14360E-02	-.75912E-01	-.10133E-04
136	.76051E-01	-.97990E-03	-.76015E-01	-.10251E-04
137	.76087E-01	-.54735E-03	-.76077E-01	-.10021E-04
138	.76112E-01	-.83939E-04	-.76112E-01	-.10760E-04
139	.76112E-01	-.10309E-04	-.76112E-01	-.10356E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2600E+01

FIN	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.03E-02	5.49E-02	-9.57E-03	2.52E+00	8.65E-03	-2.55E+00	2.56E+00	-2.49E+00	45.25	1.03E-02	2.52E+00
	-303.00	-2.55E-07	1.77E-06	-1.16E-06	2.29E-04	7.87E-07	-2.32E-04	1.15E-04	-1.14E-04			
2	72.00	4.30E-02	8.41E-02	-5.67E-02	2.16E+00	-4.09E-03	-2.22E+00	2.22E+00	-2.09E+00	45.27	4.30E-02	2.16E+00
	-213.00	1.04E-06	2.91E-06	-3.49E-06	1.96E-04	-3.72E-07	-2.02E-04	1.00E-04	-9.61E-05			
3	72.00	3.85E-01	1.01E-01	-1.24E-01	1.47E+00	-1.60E-01	-1.60E+00	1.72E+00	-1.24E+00	42.24	3.85E-01	1.47E+00
	-138.00	6.85E-06	3.87E-07	-4.71E-06	6.70E-05	-7.27E-06	-7.27E-05	3.73E-05	-3.00E-05			
4	24.00	1.81E+00	9.61E-01	1.23E+00	2.80E+00	-4.94E-01	-3.10E+00	4.22E+00	-1.45E+00	40.72	1.81E+00	2.80E+00
	-68.00	2.55E-05	-6.94E-06	3.34E-06	2.16E-04	-3.80E-05	-2.39E-04	1.18E-04	-9.97E-05			
5	72.00	-5.46E-01	-2.97E-01	-7.23E-01	1.21E+00	2.68E-02	-1.28E+00	7.97E-01	-1.64E+00	47.93	-2.97E-01	-1.21E+00
	-88.00	-3.78E-06	5.78E-06	-1.06E-05	9.33E-05	2.06E-06	-9.83E-05	4.79E-05	-4.59E-05			
6	120.00	-2.86E-01	-2.75E-01	-4.56E-01	2.38E+00	1.28E-01	-2.32E+00	2.10E+00	-2.66E+00	45.07	2.06E+00	-4.24E-01
	-68.00	1.77E-07	5.97E-07	-6.37E-06	1.83E-04	9.82E-06	-1.79E-04	9.19E-05	-9.12E-05			
7	36.25	6.78E-01	2.68E-01	1.57E-01	1.36E+00	-1.80E-01	-1.30E+00	1.85E+00	-9.03E-01	40.72	6.31E-01	1.37E+00
	-19.00	1.39E-05	-1.81E-06	-6.07E-06	1.05E-04	-1.39E-05	-1.00E-04	5.90E-05	-4.69E-05			
8	108.00	-7.43E-02	-1.43E-01	-2.63E-01	1.06E+00	-3.51E-04	-1.15E+00	9.55E-01	-1.17E+00	44.08	-7.43E-02	1.06E+00
	-19.00	2.42E-06	-2.20E-07	-4.84E-06	8.18E-05	-2.70E-08	-8.85E-05	4.20E-05	-3.98E-05			
9	216.00	1.02E-01	1.33E-01	4.90E-02	2.54E+00	-2.33E-02	-2.62E+00	2.65E+00	-2.42E+00	45.17	1.02E-01	2.54E+00
	-303.00	9.61E-07	2.36E-06	-1.47E-06	2.30E-04	-2.12E-06	-2.38E-04	1.17E-04	-1.14E-04			
10	216.00	1.71E-01	1.41E-01	-1.77E-02	2.22E+00	-7.58E-02	-2.32E+00	2.38E+00	-2.06E+00	44.80	1.71E-01	2.22E+00
	-213.00	3.96E-06	2.58E-06	-4.62E-06	2.02E-04	-6.89E-06	-2.11E-04	1.04E-04	-9.76E-05			
11	216.00	3.53E-01	1.19E-01	-2.50E-01	1.74E+00	-2.35E-01	-1.87E+00	1.98E+00	-1.51E+00	43.09	3.53E-01	1.74E+00
	-138.00	6.85E-06	1.55E-06	-6.84E-06	7.93E-05	-1.07E-05	-8.50E-05	4.39E-05	-3.55E-05			
12	168.00	7.83E-01	6.35E-01	4.02E-01	2.70E+00	-4.15E-01	-2.82E+00	3.41E+00	-1.99E+00	44.22	7.83E-01	2.70E+00
	-68.00	1.01E-05	4.43E-06	-4.55E-06	2.08E-04	-3.19E-05	-2.17E-04	1.11E-04	-9.67E-05			
13	216.00	-7.31E-01	-2.83E-01	-8.14E-01	1.08E+00	-5.93E-02	-1.10E+00	5.97E-01	-1.61E+00	50.85	-2.83E-01	-1.08E+00
	-88.00	-8.02E-06	9.20E-06	-1.12E-05	8.31E-05	-4.56E-06	-6.44E-05	4.30E-05	-4.19E-05			
14	264.00	-5.01E-03	-2.43E-01	-4.34E-01	2.31E+00	3.65E-02	-2.35E+00	2.19E+00	-2.44E+00	43.52	2.13E+00	-5.34E-01
	-68.00	7.30E-06	-1.87E-06	-9.18E-06	1.78E-04	2.80E-06	-1.81E-04	9.18E-05	-8.63E-05			
15	180.00	2.74E-01	5.45E-02	-1.42E-01	1.18E+00	-2.80E-01	-1.15E+00	1.35E+00	-1.02E+00	42.35	2.74E-01	1.18E+00
	-19.00	8.49E-06	3.97E-08	-7.50E-06	9.09E-05	-2.16E-05	-8.83E-05	4.99E-05	-4.14E-05			
16	252.[illegible]	1.29E-01	-9.99E-02	-3.42E-01	1.01E+00	-1.11E-01	[illegible]0E+00	1.03E+00	-9.98E-01	41.76	1.29E-01	1.01E+00
	-19[illegible]	[illegible].40E-06	-4.08E-07	-9.71E-06	7.74E-05	-8.55E-06	[illegible]5E-05	4.30E-05	-3.50E-05			
17	361[illegible]	1.22E-01	1.87E-01	6.22E-02	2.57E+00	-1.82E-02	[illegible]E+00	2.73E+00	-2.42E+00	45.36	1.22E-01	2.[illegible]

	-303.[illegible]	7.19E-07	3.62E-06	-2.00E-06	2.34E-04	-1.66E-0[illegible]	[illegible]E-04	1.19E-04	-1.15E-04				
18	361.[illegible]	2.03E-01	1.74E-01	-2.65E-02	2.33E+00	-7.23E-02	[illegible]9E+00	2.52E+00	-2.14E+00	44.82	2.03E-01	2.3[illegible]	
	-213.00	4.71E-06	3.30E-06	-5.83E-06	2.12E-04	-6.58E-06	-2.26E-04	1.10E-04	-1.02E-04				
19	361.00	3.95E-01	1.32E-01	-3.41E-01	1.84E+00	-2.37E-01	-2.11E+00	2.10E+00	-1.56E+00	42.95	3.95E-01	1.84E+00	
	-138.00	8.01E-06	2.02E-06	-8.73E-06	8.34E-05	-1.17E-05	-9.58E-05	4.68E-05	-3.68E-05				
20	312.00	1.36E+00	9.37E-01	6.36E-01	3.02E+00	-7.15E-01	-3.43E+00	4.18E+00	-1.88E+00	42.99	1.36E+00	3.02E+00	
	-68.00	2.01E-05	3.79E-06	-7.77E-06	2.32E-04	-5.50E-05	-2.64E-04	1.28E-04	-1.05E-04				
21	360.67	-1.18E+00	-6.19E-01	-1.19E+00	1.38E+00	-6.61E-03	-1.61E+00	5.13E-01	-2.31E+00	50.72	-6.19E-01	-1.38E+00	
	-88.00	-1.25E-05	9.02E-06	-1.29E-05	1.07E-04	-5.09E-07	-1.24E-04	5.26E-05	-5.61E-05				
22	409.33	6.48E-01	9.06E-01	2.08E-01	2.88E+00	-3.11E-02	-3.62E+00	3.66E+00	-2.11E+00	46.28	3.62E+00	-4.69E-01	
	-68.00	5.56E-06	1.55E-05	-1.14E-05	2.21E-04	-2.40E-06	-2.78E-04	1.21E-04	-1.06E-04				
23	324.00	5.33E-01	9.32E-02	-2.07E-01	1.19E+00	-5.01E-01	-1.21E+00	1.53E+00	-8.99E-01	39.78	5.33E-01	1.19E+00	
	-19.00	1.59E-05	-1.02E-06	-1.26E-05	9.17E-05	-3.66E-05	-9.28E-05	5.41E-05	-3.92E-05				
24	372.00	3.19E-01	-1.98E-01	-4.72E-01	3.21E+00	-4.72E-01	-3.41E+00	3.28E+00	-3.16E+00	42.70	3.19E-01	3.21E+00	
	-9.33	1.61E-05	-3.76E-06	-1.43E-05	2.47E-04	-3.63E-05	-2.62E-04	1.30E-04	-1.18E-04				
25	401.25	1.21E-01	-5.39E-02	-5.44E-01	1.04E+00	-1.71E-01	-1.39E+00	1.08E+00	-1.01E+00	42.61	-8.62E-01	5.41E-01	
	-19.00	9.89E-06	3.18E-06	-1.57E-05	8.02E-05	-1.31E-05	-1.07E-04	4.68E-05	-3.37E-05				
26	427.67	1.38E+00	1.20E+00	5.29E-01	3.54E+00	-6.32E-01	-4.79E+00	4.84E+00	-2.25E+00	44.27	3.46E+00	2.80E+00	
	-9.33	1.90E-05	1.20E-05	-1.39E-05	2.73E-04	-4.86E-05	-3.68E-04	1.52E-04	-1.21E-04				
27	457.00	1.33E-01	2.87E-01	1.01E-01	2.60E+00	4.07E-03	-2.82E+00	2.82E+00	-2.40E+00	45.85	1.33E-01	2.60E+00	
	-303.00	-7.30E-07	6.28E-06	-2.17E-06	2.37E-04	3.70E-07	-2.57E-04	1.21E-04	-1.16E-04				
28	457.00	1.78E-01	1.71E-01	-4.99E-02	2.46E+00	-4.91E-02	-2.62E+00	2.63E+00	-2.28E+00	44.96	1.78E-01	2.46E+00	
	-213.00	4.21E-06	3.89E-06	-6.16E-06	2.23E-04	-4.46E-06	-2.38E-04	1.16E-04	-1.08E-04				
29	457.00	6.62E-01	2.44E-01	-2.28E-01	1.91E+00	-2.38E-03	-2.12E+00	2.37E+00	-1.47E+00	41.87	6.62E-01	1.91E+00	
	-138.00	1.15E-05	1.98E-06	-8.74E-06	8.67E-05	-1.08E-07	-9.63E-05	5.03E-05	-3.69E-05				
30	442.00	5.67E-01	1.33E+00	3.77E-01	3.35E+00	5.76E-02	-3.87E+00	4.33E+00	-2.43E+00	48.25	5.67E-01	3.35E+00	
	-68.00	-3.20E-06	2.62E-05	-1.05E-05	2.58E-04	4.43E-06	-2.98E-04	1.41E-04	-1.18E-04				
31	457.33	-3.99E+00	-1.94E+00	-2.70E+00	1.17E+00	1.81E+00	-2.01E+00	-1.41E+00	-4.52E+00	65.57	-1.94E+00	-1.17E+00	
	-88.00	-5.87E-05	2.01E-05	-8.86E-06	9.02E-05	1.39E-04	-1.55E-04	4.06E-05	-7.92E-05				
32	472.67	6.37E+00	5.08E+00	4.27E+00	2.92E+00	-1.17E+00	-4.87E+00	8.72E+00	2.73E+00	38.75	8.11E+00	1.81E+00	
	-68.00	7.24E-05	2.26E-05	-8.57E-06	2.25E-04	-9.00E-05	-3.75E-04	1.63E-04	-6.76E-05				
33	443.00	5.55E-01	3.74E-01	-2.19E-01	1.70E+00	-2.43E-01	-1.85E+00	2.17E+00	-1.24E+00	43.47	5.55E-01	1.70E+00	
	-19.50	1.36E-05	6.57E-06	-1.62E-05	1.31E-04	-1.87E-05	-1.43E-04	7.56E-05	-5.55E-05				
34	454.00	5.13E+00	3.75E+00	3.06E+00	4.43E+00	-1.36E+00	-6.03E+00	8.93E+00	-4.14E-02	40.58	6.89E+00	3.76E+00	
	-11.33	6.61E-05	1.31E-05	-1.36E-05	3.41E-04	-1.04E-04	-4.64E-04	2.12E-04	-1.33E-04				
35	461.67	1.07E+00	1.31E+00	4.65E-01	4.21E+00	-3.49E-01	-6.25E+00	5.40E+00	-3.02E+00	45.82	1.07E+00	4.21E+00	
	-12.00	9.80E-06	1.91E-05	-1.33E-05	3.24E-04	-2.69E-05	-4.81E-04	1.76E-04	-1.48E-04				
36	469.00	-3.20E+00	-1.31E+00	-2.32E+00	3.89E-01	1.59E+00	-2.46E+00	-1.23E+00	-3.28E+00	78.84	-1.31E+00	-3.89E-01	
	-30.00	-4.80E-05	2.48E-05	-1.43E-05	2.99E-05	1.22E-04	-1.89E-04	2.77E-05	-5.09E-05				
37	476.33	2.21E+00	3.03E+00	1.58E+00	2.86E+00	-3.76E-01	-5.11E+00	5.50E+00	-2.64E-01	49.05	3.36E+00	2.79E+00	
	-12.00	1.02E-05	4.14E-05	-1.41E-05	2.70E-04	-2.89E-05	-3.93E-04	1.37E-04	-8.51E-05				
38	558.50	-2.17E-01	-1.12E-01	-1.84E-01	2.47E+00	6.66E-02	-2.74E+00	2.30E+00	-2.63E+00	45.61	-2.17E-01	2.47E+00	
	-303.00	-3.19E-06	1.58E-06	-1.72E-06	2.24E-04	6.06E-06	-2.49E-04	1.11E-04	-1.13E-04				
39	558.50	1.93E-02	2.49E-01	-3.51E-02	2.47E+00	1.28E-01	-2.69E+00	2.60E+00	-2.34E+00	46.33	1.93E-02	2.47E+00	
	-213.00	-2.15E-06	8.28E-06	-4.62E-06	2.24E-04	1.16E-05	-2.44E-04	1.15E-04	-1.09E-04				
40	506.17	4.56E-02	6.45E-01	-2.24E-01	5.57E+00	2.07E-01	-5.76E+00	5.93E+00	-5.24E+00	46.54	4.56E-02	5.57E+00	
	-128.00	-1.41E-06	1.22E-05	-7.54E-06	2.53E-04	9.40E-06	-2.62E-04	1.32E-04	-1.21E-04				
41	558.50	-1.47E+00	4.44E-01	-5.80E-01	2.34E+00	1.17E+00	-3.30E+00	2.02E+00	-3.04E+00	56.12	4.44E-01	-2.34E+00	
	-148.00	-2.50E-05	1.85E-05	-4.75E-06	1.06E-04	5.33E-05	-1.50E-04	5.43E-05	-6.07E-05				
42	610.83	2.32E-01	7.47E-01	4.51E-02	4.81E+00	8.77E-01	-4.52E+00	5.31E+00	-4.33E+00	46.53	5.20E+00	-1.02E+00	
	-128.00	-1.00E-07	1.16E-05	-4.34E-06	2.19E-04	3.99E-05	-2.05E-04	1.15E-04	-1.04E-04				
43	601.38	-4.44E-01	-2.14E-01	-6.46E-01	1.26E+00	3.99E-01	-1.62E+00	9.38E-01	-1.60E+00	47.60	-4.44E-01	1.26E+00	
	-78.00	-2.74E-06	6.10E-06	-1.05E-05	9.71E-05	3.07E-05	-1.24E-04	5.04E-05	-4.70E-05				
44	534.67	6.81E-01	5.69E-01	2.26E-01	3.96E+00	2.24E-01	-4.85E+00	4.59E+00	-3.34E+00	44.59	4.52E+00	-7.43E-01	
	-68.00	9.97E-06	5.66E-06	-7.51E-06	3.05E-04	1.72E-05	-3.73E-04	1.60E-04	-1.45E-04				
45	584.67	-7.86E-01	-4.10E-01	-7.48E-01	3.90E+00	8.78E-01	-3.66E+00	3.28E+00	-4.52E+00	46.20	-7.86E-01	3.90E+00	
	-68.00	-8.32E-06	4.24E-06	-6.87E-06	3.00E-04	6.75E-05	-2.82E-04	1.48E-04	-1.52E-04				
46	610.83	-3.90E+00	-1.12E+00	-2.08E+00	2.08E+00	1.81E+00	-2.87E+00	-5.64E-03	-5.01E+00	61.89	-1.12E+00	-2.08E+00	
	-88.00	-7.20E-05	3.50E-05	-2.02E-06	1.60E-04	1.39E-04	-2.21E-04	7.78E-05	-1.15E-04				
47	482.63	-2.69E-01	-3.21E-02	-7.29E-01	9.23E-01	4.66E-01	-1.84E+00	7.80E-01	-1.08E+00	48.66	-2.69E-01	9.23E-01	
	-21.00	9.70E-07	1.01E-05	-1.67E-05	7.10E-05	3.59E-05	-1.42E-04	4.13E-05	-3.03E-05				
48	485.83	7.62E-01	1.17E+00	2.98E-01	2.72E+00	6.33E-02	-5.68E+00	3.69E+00	-1.76E+00	47.12	1.12E+00	2.72E+00	
	-12.00	4.96E-06	2.04E-05	-1.30E-05	2.09E-04	4.87E-06	-4.37E-04	1.18E-04	-9.23E-05				
49	507.83	-1.03E-01	-2.79E-01	-7.02E-01	1.01E+00	2.45E-01	-2.00E+00	8.24E-01	-1.21E+00	42.52	-1.03E-01	1.01E+00	

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	-21.00	7.95E-06	1.19E-06	-1.51E-05	7.79E-05	1.68E-05	-1.53E-04	4.36E-05	-3.45E-05				
50	530.67	6.43E-01	2.01E-01	6.00E-03	3.57E+00	1.22E+00	-4.30E+00	4.00E+00	-3.15E+00	43.23	3.95E+00	-5.65E-01	
	-10.00	1.54E-05	-1.62E-06	-9.11E-06	2.75E-04	9.42E-05	-3.31E-04	1.44E-04	-1.31E-04				
51	484.67	-1.21E+01	-8.41E+00	-9.92E+00	-2.75E-01	9.07E-01	-6.11E-01	-8.36E+00	-1.21E+01	-65.73	-8.41E+00	2.75E-01	
	8.00	-1.41E-04	-2.42E-07	-2.00E-05	-2.12E-05	6.97E-05	-4.70E-05	5.48E-07	-1.42E-04				
52	507.00	3.02E+00	3.64E+00	2.07E+00	2.04E+00	5.54E-01	1.46E+00	5.39E+00	1.27E+00	49.37	4.95E+00	1.28E+00	
	9.00	2.01E-05	4.41E-05	-1.62E-05	1.57E-04	4.26E-05	1.12E-04	1.11E-04	-4.72E-05				
53	603.00	5.30E-02	-1.22E-01	-1.59E-01	1.53E+00	5.57E-01	-1.43E+00	1.50E+00	-1.57E+00	43.36	-9.20E-01	1.25E+00	
	-18.00	4.54E-06	-2.19E-06	-3.60E-06	1.18E-04	4.29E-05	-1.10E-04	6.01E-05	-5.78E-05				
54	712.00	-2.69E-01	8.91E-02	-8.59E-02	2.37E+00	1.82E-01	-2.37E+00	2.28E+00	-2.46E+00	47.16	-2.69E-01	2.37E+00	
	-303.00	-8.77E-06	7.50E-06	-4.53E-07	2.15E-04	1.65E-05	-2.15E-04	1.07E-04	-1.06E-04				
55	712.00	-1.32E+00	-8.06E-01	-8.45E-01	2.61E+00	5.77E-01	-2.34E+00	1.56E+00	-3.69E+00	47.82	-1.32E+00	2.61E+00	
	-213.00	-2.15E-05	1.96E-06	1.99E-07	2.37E-04	5.25E-05	-2.13E-04	1.09E-04	-1.29E-04				
56	712.00	-1.57E+00	-9.46E-01	-6.61E-01	2.01E+00	1.30E+00	-1.86E+00	7.75E-01	-3.29E+00	49.43	-1.57E+00	2.01E+00	
	-138.00	-1.91E-05	-4.83E-06	1.66E-06	9.14E-05	5.91E-05	-8.44E-05	3.43E-05	-5.82E-05				
57	712.00	-4.56E-01	-9.87E-02	-1.51E-01	1.25E+00	5.20E-01	-1.35E+00	9.84E-01	-1.54E+00	49.07	-4.56E-01	1.25E+00	
	-78.00	-9.79E-06	3.95E-06	1.96E-06	9.61E-05	4.00E-05	-1.04E-04	4.56E-05	-5.14E-05				
58	712.00	-5.96E-01	-4.95E-01	-3.56E-01	1.70E+00	4.50E-01	-1.71E+00	1.15E+00	-2.24E+00	45.86	-5.96E-01	1.70E+00	
	-18.00	-7.03E-06	-3.13E-06	2.21E-06	1.30E-04	3.46E-05	-1.32E-04	6.02E-05	-7.03E-05				
59	837.00	-6.79E+00	-3.80E+00	-4.24E+00	2.00E+00	1.24E+00	-2.07E+00	-2.80E+00	-7.79E+00	63.38	-3.80E+00	-2.00E+00	
	-318.00	-1.16E-04	1.96E-05	.00E+00	1.81E-04	1.13E-04	-1.88E-04	6.51E-05	-1.61E-04				
60	887.00	-1.01E+00	-2.13E-01	-4.88E-01	5.35E+00	4.33E-01	-4.76E+00	4.76E+00	-5.98E+00	47.12	4.30E+00	-2.17E+00	
	-288.00	-2.36E-05	1.25E-05	.00E+00	4.87E-04	3.94E-05	-4.33E-04	2.39E-04	-2.50E-04				
61	987.00	1.15E+00	6.88E-01	7.37E-01	5.48E+00	-3.17E-01	-4.57E+00	6.40E+00	-4.56E+00	43.78	1.15E+00	5.48E+00	
	-288.00	1.90E-05	-2.21E-06	.00E+00	4.98E-04	-2.89E-05	-4.15E-04	2.58E-04	-2.41E-04				
62	1037.00	-6.91E+00	-4.25E+00	-4.46E+00	4.05E+00	1.13E+00	-3.75E+00	-1.32E+00	-9.84E+00	54.10	-4.25E+00	-4.05E+00	
	-318.00	-1.11E-04	9.75E-06	.00E+00	3.68E-04	1.02E-04	-3.41E-04	1.43E-04	-2.44E-04				
63	862.00	-1.96E-01	-1.83E-01	-4.15E-02	2.71E+00	8.53E-02	-2.48E+00	2.52E+00	-2.90E+00	45.07	-1.96E-01	2.71E+00	
	-213.00	-3.44E-06	-2.85E-06	3.56E-06	2.46E-04	7.75E-06	-2.25E-04	1.20E-04	-1.26E-04				
64	1012.00	3.13E-01	1.29E-01	2.83E-01	2.94E+00	-1.18E-01	-2.59E+00	3.16E+00	-2.72E+00	44.10	3.13E-01	2.94E+00	
	-213.00	4.83E-06	-3.56E-06	3.44E-06	2.67E-04	-1.07E-05	-2.35E-04	1.34E-04	-1.33E-04				
65	837.00	4.18E-01	-3.03E-01	3.42E-01	2.03E+00	-2.18E-01	-2.52E+00	2.12E+00	-2.01E+00	39.97	-3.03E-01	-2.03E+00	
	-148.00	7.10E-06	-9.29E-06	5.38E-06	9.24E-05	-9.91E-06	-1.14E-04	4.58E-05	-4.80E-05				
66	937.00	-2.42E-01	-2.21E-01	1.36E-01	3.66E+00	1.11E-01	-3.16E+00	3.43E+00	-3.89E+00	45.08	2.30E+00	-2.64E+00	
	-128.00	-3.78E-06	-3.32E-06	4.81E-06	1.66E-04	5.04E-06	-1.44E-04	7.96E-05	-8.67E-05				
67	1037.00	-3.19E+00	-8.14E-01	-9.11E-01	3.46E+00	1.04E+00	-3.37E+00	1.66E+00	-5.66E+00	54.47	-8.14E-01	-3.46E+00	
	-148.00	-4.67E-05	7.27E-06	5.07E-06	1.57E-04	4.71E-05	-1.59E-04	6.34E-05	-1.03E-04				
68	837.00	-9.37E-01	-1.04E+00	-6.10E-01	3.98E+00	3.30E-01	-3.65E+00	3.00E+00	-4.97E+00	44.65	-9.37E-01	3.98E+00	
	-68.00	-7.66E-06	-1.14E-05	4.91E-06	3.06E-04	2.54E-05	-2.81E-04	1.44E-04	-1.63E-04				
69	937.00	-1.13E+00	3.60E-02	-2.09E-01	2.01E+00	4.14E-01	-1.79E+00	1.56E+00	-2.64E+00	53.12	3.60E-02	-2.01E+00	
	-88.00	-2.92E-05	1.57E-05	6.33E-06	1.54E-04	3.18E-05	-1.38E-04	7.36E-05	-8.72E-05				
70	1037.00	-4.52E-01	-1.09E-01	-1.63E-02	3.44E+00	-3.47E-02	-3.40E+00	3.16E+00	-3.72E+00	46.43	2.21E+00	-2.37E+00	
	-68.00	-1.10E-05	2.14E-06	5.72E-06	2.64E-04	-2.67E-06	-2.61E-04	1.28E-04	-1.37E-04				
71	962.00	-7.65E-01	-5.83E-01	-3.13E-01	1.65E+00	3.34E-01	-1.61E+00	9.82E-01	-2.33E+00	46.57	-7.65E-01	1.65E+00	
	-18.00	-1.12E-05	-4.18E-06	6.22E-06	1.27E-04	2.57E-05	-1.24E-04	5.60E-05	-7.14E-05				
72	1012.00	1.48E-01	2.18E-01	3.95E-01	1.79E+00	-5.35E-02	-1.56E+00	1.97E+00	-1.61E+00	45.56	1.48E-01	1.79E+00	
	-18.00	-2.68E-06	1.92E-08	6.84E-06	1.38E-04	-4.11E-06	-1.20E-04	6.75E-05	-7.02E-05				
73	1387.00	3.44E-01	3.33E-01	3.00E-01	2.25E+00	-1.84E-02	-1.93E+00	2.59E+00	-1.91E+00	44.93	3.44E-01	2.25E+00	
	-303.00	2.94E-06	2.44E-06	9.65E-07	2.05E-04	-1.67E-06	-1.75E-04	1.05E-04	-9.96E-05				
74	1387.00	1.40E-02	-1.35E-01	5.53E-02	2.35E+00	-3.20E-03	-1.87E+00	2.29E+00	-2.41E+00	44.10	1.40E-02	2.35E+00	
	-213.00	1.49E-06	-5.27E-06	3.36E-06	2.14E-04	-2.91E-07	-1.70E-04	1.05E-04	-1.09E-04				
75	1387.00	-5.93E-03	7.89E-02	3.18E-01	1.72E+00	5.14E-02	-1.30E+00	1.76E+00	-1.69E+00	45.71	-5.93E-03	1.72E+00	
	-138.00	-2.19E-06	-2.59E-07	5.19E-06	7.83E-05	2.34E-06	-5.91E-05	3.80E-05	-4.04E-05				
76	1187.00	-4.04E-01	-3.12E-01	-1.05E-01	2.75E+00	2.12E-01	-1.91E+00	2.40E+00	-3.11E+00	45.48	-4.04E-01	2.75E+00	
	-68.00	-6.57E-06	-2.99E-06	5.00E-06	2.12E-04	1.63E-05	-1.47E-04	1.01E-04	-1.11E-04				
77	1387.00	-6.47E-01	-5.50E-01	-2.28E-01	1.26E+00	1.74E-01	-1.04E+00	6.58E-01	-1.86E+00	46.11	-5.50E-01	-1.26E+00	
	-88.00	-9.23E-06	-5.48E-06	6.88E-06	9.66E-05	1.34E-05	-7.97E-05	4.10E-05	-5.57E-05				
78	1587.00	-3.43E-01	-2.83E-01	-3.14E-02	1.69E+00	2.97E-02	-9.93E-01	1.38E+00	-2.00E+00	45.51	3.64E-01	-1.55E+00	
	-68.00	-5.97E-06	-3.66E-06	6.01E-06	1.30E-04	2.28E-06	-7.64E-05	6.01E-05	-6.98E-05				
79	1237.00	-9.10E-01	-4.04E-01	-2.68E-01	1.40E+00	2.95E-01	-1.02E+00	7.61E-01	-2.07E+00	50.14	-9.10E-01	1.40E+00	
	-18.00	-1.76E-05	1.86E-06	7.07E-06	1.07E-04	2.27E-05	-7.85E-05	4.67E-05	-6.24E-05				
80	1432.	-5.60E-01	-1.28E-01	-1.78E-02	1.63E+00	1.83E-01	-7.86E-01	1.30E+00	-1.98E+00	48.78	-5.60E-01	1.63E+00	
	-8	1.38E-05	2.84E-06	7.07E-06	1.25E-04	1.41E-05	5E-05	5.76E-05	-6.86E-05				
81	153	-9.41E-01	-1.90E-01	-1.95E-01	9.06E-01	1.99E-01	3E-01	4.16E-01	-1.55E+00	56.26	-1.90E-01	-9.	

	-28.[illegible]	2.16E-05	7.29E-06	7.06E-06	6.97E-05	1.53E-0[illegible]	[illegible]5E-05	3.06E-05	-4.49E-05				
82	1633.[illegible]	-1.08E+00	-3.55E-01	-3.49E-01	3.84E-01	8.96E-02	[illegible]5E-01	-2.23E-01	-1.25E+00	65.82	-2.27E-01	-6.4[illegible]	
	-8.00	-2.14E-05	4.80E-06	6.63E-06	2.95E-05	6.89E-06	-1.42E-05	1.14E-05	-2.81E-05				
83	1433.80	-3.74E+00	-1.63E+00	-1.84E+00	1.03E+00	8.93E-01	-5.24E-01	-1.21E+00	-4.16E+00	67.93	-1.63E+00	-1.03E+00	
	27.60	-6.47E-05	1.67E-05	8.38E-06	7.89E-05	6.87E-05	-4.11E-05	3.27E-05	-8.07E-05				
84	1296.10	-1.34E+00	-2.00E-01	-3.04E-01	1.08E+00	3.84E-01	-5.33E-01	4.48E-01	-1.95E+00	58.97	-8.61E-01	-1.22E+00	
	40.70	-3.14E-05	1.26E-05	8.63E-06	8.30E-05	2.96E-05	-4.10E-05	2.76E-05	-5.63E-05				
85	1148.60	-6.06E-01	3.02E-01	1.36E-01	1.55E+00	4.74E-01	-7.85E-01	1.46E+00	-1.76E+00	53.19	1.21E+00	8.53E-01	
	257.33	-2.15E-05	1.35E-05	7.09E-06	1.19E-04	3.64E-05	-6.04E-05	5.80E-05	-6.60E-05				
86	1131.40	-4.74E+00	-2.35E+00	-2.41E+00	5.84E-01	1.60E+00	-1.56E-01	-2.21E+00	-4.87E+00	76.98	-2.35E+00	-5.84E-01	
	112.00	-7.79E-05	1.40E-05	1.17E-05	4.49E-05	1.23E-04	-1.20E-05	1.92E-05	-8.31E-05				
87	1019.80	-1.36E+00	-7.88E-01	-5.67E-01	1.54E+00	5.05E-01	-2.01E+00	4.90E-01	-2.63E+00	50.23	-7.88E-01	-1.54E+00	
	34.67	-2.23E-05	-5.32E-07	7.99E-06	1.18E-04	3.88E-05	-1.55E-04	4.86E-05	-7.15E-05				
88	886.60	-7.29E-01	-3.84E-01	-2.13E-01	1.32E+00	2.64E-01	-1.41E+00	7.71E-01	-1.88E+00	48.73	-7.29E-01	1.32E+00	
	46.00	-1.35E-05	-2.07E-07	6.39E-06	1.01E-04	2.03E-05	-1.08E-04	4.42E-05	-5.79E-05				
89	869.80	-2.95E+00	-1.33E+00	-1.42E+00	7.86E-01	8.64E-01	-6.95E-01	-1.01E+00	-3.27E+00	67.88	-1.33E+00	-7.86E-01	
	96.00	-5.07E-05	1.14E-05	7.93E-06	6.05E-05	6.65E-05	-5.35E-05	2.37E-05	-6.30E-05				
90	952.60	-6.35E-01	1.36E+00	5.54E-01	1.84E+00	5.25E-01	-1.36E+00	2.45E+00	-1.73E+00	59.24	1.97E+00	-1.33E+00	
	128.00	-3.85E-05	3.82E-05	7.24E-06	1.41E-04	4.04E-05	-1.05E-04	8.03E-05	-8.05E-05				
91	869.80	-8.58E-01	-3.70E+02	-1.33E-01	9.17E-01	4.97E-01	-4.81E-01	5.57E-01	-1.45E+00	57.06	-8.58E-01	9.17E-01	
	160.00	-2.17E-05	9.87E-06	6.19E-06	7.05E-05	3.82E-05	-3.70E-05	3.27E-05	-4.46E-05				
92	869.80	-4.33E+00	-1.53E+00	-1.94E+00	5.43E-01	1.77E+00	-5.49E-01	-1.43E+00	-4.43E+00	79.38	-1.53E+00	-5.43E-01	
	203.60	-8.07E-05	2.67E-05	1.11E-05	4.17E-05	1.36E-04	-4.22E-05	3.06E-05	-8.46E-05				
93	598.67	3.74E-01	-1.90E-01	4.19E-02	2.65E+00	1.17E+00	-2.90E+00	2.76E+00	-2.58E+00	41.97	-1.90E-01	-2.65E+00	
	16.00	1.19E-05	-9.80E-06	-8.68E-07	2.04E-04	8.97E-05	-2.23E-04	1.04E-04	-1.02E-04				
94	645.75	-4.21E-01	-3.67E-01	-3.19E-01	1.71E+00	4.91E-01	-1.48E+00	1.31E+00	-2.10E+00	45.46	-4.21E-01	1.71E+00	
	24.00	-4.04E-06	-1.94E-06	-9.73E-08	1.31E-04	3.78E-05	-1.14E-04	6.26E-05	-6.86E-05				
95	613.10	-3.33E-01	-6.40E-01	-4.73E-01	2.99E+00	3.91E-01	-8.38E-01	2.50E+00	-3.48E+00	43.53	-3.33E-01	2.99E+00	
	69.33	3.08E-06	-8.73E-06	-2.30E-06	2.30E-04	3.01E-05	-6.45E-05	1.12E-04	-1.18E-04				
96	708.45	-7.96E-01	-2.61E-01	-2.95E-01	1.36E+00	4.98E-01	-1.21E+00	8.56E-01	-1.91E+00	50.57	-1.09E+00	-1.26E+00	
	55.00	-1.58E-05	4.83E-06	3.49E-06	1.04E-04	3.83E-05	-9.32E-05	4.78E-05	-5.87E-05				
97	613.10	-2.06E+00	-9.65E-01	-1.06E+00	1.01E+00	1.35E+00	-6.91E-01	-3.64E-01	-2.66E+00	59.25	-9.65E-01	-1.01E+00	
	96.00	-3.43E-05	7.82E-06	4.06E-06	7.76E-05	1.04E-04	-5.31E-05	3.09E-05	-5.74E-05				
98	682.27	-8.00E-01	-3.21E-01	-3.15E-01	1.98E+00	4.02E-01	-1.41E+00	1.44E+00	-2.56E+00	48.44	1.13E+00	-1.06E+00	
	112.00	-1.50E-05	3.42E-06	3.65E-06	1.53E-04	3.09E-05	-1.09E-04	7.11E-05	-8.26E-05				
99	751.43	-2.94E+00	1.95E-01	-8.69E-01	2.03E+00	1.33E+00	-2.62E+00	1.19E+00	-3.94E+00	63.82	1.95E-01	-2.03E+00	
	96.00	-7.33E-05	4.72E-05	6.27E-06	1.56E-04	1.02E-04	-2.02E-04	8.56E-05	-1.12E-04				
100	683.25	-7.67E-01	-3.06E-01	-2.52E-01	6.96E-01	3.03E-01	-8.18E-01	1.97E-01	-1.27E+00	54.16	-7.67E-01	6.96E-01	
	152.00	-1.49E-05	2.79E-06	4.87E-06	5.35E-05	2.33E-05	-6.29E-05	2.21E-05	-3.43E-05				
101	648.67	-3.69E+00	-1.81E+00	-1.97E+00	5.23E-01	9.11E-01	-6.29E-01	-1.68E+00	-3.82E+00	75.43	-1.81E+00	-5.23E-01	
	192.00	-5.97E-05	1.24E-05	6.20E-06	4.02E-05	7.01E-05	-4.84E-05	1.76E-05	-6.49E-05				
102	725.25	-6.51E-01	2.32E-01	4.33E-02	6.87E-01	2.23E-01	-5.63E-01	6.07E-01	-1.03E+00	61.37	-1.97E-01	-8.17E-01	
	232.70	-2.09E-05	1.31E-05	5.79E-06	5.29E-05	1.72E-05	-4.33E-05	2.75E-05	-3.53E-05				
103	635.50	-4.72E-01	-4.39E-01	-1.68E-01	8.48E-02	1.60E-01	-5.35E-02	-3.69E-01	-5.41E-01	50.47	-4.72E-01	8.48E-02	
	256.00	-6.29E-06	-5.03E-06	5.40E-06	6.52E-06	1.23E-05	-4.11E-06	-2.34E-06	-8.98E-06				
104	635.50	-1.49E+00	-9.88E-01	-7.14E-01	3.22E-02	5.94E-01	-5.78E-02	-9.85E-01	-1.50E+00	86.39	-9.88E-01	-3.22E-02	
	290.67	-2.24E-05	-2.85E-06	7.65E-06	2.47E-06	4.57E-05	-4.45E-06	-2.77E-06	-2.24E-05				
105	569.00	3.32E-01	-2.40E-01	-1.67E-01	2.74E+00	7.63E-01	-2.50E+00	2.80E+00	-2.71E+00	42.02	3.32E-01	2.74E+00	
	16.50	1.36E-05	-8.40E-06	-5.60E-06	2.11E-04	5.87E-05	-1.92E-04	1.08E-04	-1.03E-04				
106	508.50	5.63E+00	3.67E+00	3.43E+00	2.00E+00	1.81E+00	-7.81E-01	6.88E+00	2.42E+00	32.02	3.67E+00	-2.00E+00	
	13.00	7.65E-05	1.47E-06	-8.05E-06	1.54E-04	1.39E-04	-6.01E-05	1.25E-04	-4.68E-05				
107	521.00	1.46E+00	6.29E-01	3.91E-01	2.69E+00	6.57E-01	-1.43E+00	3.76E+00	-1.67E+00	40.61	1.46E+00	2.69E+00	
	15.75	2.89E-05	-3.05E-06	-1.22E-05	2.07E-04	5.05E-05	-1.10E-04	1.18E-04	-9.17E-05				
108	526.25	1.24E+00	4.99E-01	3.15E-01	2.97E+00	5.44E-01	-1.48E+00	3.86E+00	-2.13E+00	41.46	1.24E+00	2.97E+00	
	21.00	2.50E-05	-3.34E-06	-1.04E-05	2.29E-04	4.19E-05	-1.14E-04	1.26E-04	-1.04E-04				
109	515.50	3.50E+00	2.27E+00	2.14E+00	3.67E+00	1.19E+00	-7.93E-01	6.60E+00	-8.35E-01	40.21	2.27E+00	-3.67E+00	
	26.00	4.79E-05	2.73E-07	-4.71E-06	2.82E-04	9.14E-05	-6.10E-05	1.67E-04	-1.19E-04				
110	531.50	4.23E-01	2.07E-01	9.26E-03	2.41E+00	3.67E-01	-1.24E+00	2.73E+00	-2.11E+00	43.71	4.23E-01	2.41E+00	
	34.50	9.25E-06	9.23E-07	-6.67E-06	1.85E-04	2.82E-05	-9.55E-05	9.78E-05	-8.76E-05				
111	515.50	-1.65E+00	-2.62E+00	-2.03E+00	7.13E+00	2.68E-01	-6.35E-01	5.01E+00	-9.28E+00	43.06	-1.65E+00	7.13E+00	
	44.00	5.70E-06	-3.15E-05	-8.85E-06	5.48E-04	2.07E-05	-4.88E-05	2.62E-04	-2.88E-04				
112	515.50	-6.11E-01	-4.00E-01	-5.04E-01	1.64E+00	5.95E-01	-6.32E-01	1.14E+00	-2.15E+00	46.84	-4.00E-01	-1.64E+00	
	53.33	-6.84E-06	1.25E-06	-2.73E-06	1.26E-04	4.58E-05	-4.87E-05	6.05E-05	-6.60E-05				
113	547.50	-1.27E+00	-6.58E-02	-6.30E-01	2.53E+00	4.12E-01	-2.09E+00	1.93E+00	-3.27E+00	51.71	7.23E-01	-2.20E+00	

	64.00	-2.74E-05	1.91E-05	-2.57E-06	1.95E-04	3.17E-05	-1.61E-04	5.60E-05	-1.04E-04				
114	515.50	-2.18E+00	-2.55E+00	-2.00E+00	2.99E+00	1.69E-01	-9.58E-01	6.29E-01	-5.36E+00	43.21	-2.18E+00	2.99E+00	
	74.67	-9.82E-06	-2.42E-05	-2.95E-06	2.30E-04	1.30E-05	-7.37E-05	9.82E-05	-1.32E-04				
115	515.50	-4.17E+00	-2.66E+00	-2.76E+00	1.06E+00	5.44E-01	-5.88E-01	-2.11E+00	-4.71E+00	62.82	-2.66E+00	-1.05E+00	
	88.00	-5.49E-05	2.37E-06	-1.20E-06	8.13E-05	4.18E-05	-4.52E-05	2.43E-05	-7.58E-05				
116	547.50	-2.60E+00	-4.35E-01	-1.26E+00	3.15E+00	4.16E-01	-1.90E+00	1.81E+00	-4.85E+00	54.49	9.21E-01	-2.27E+00	
	104.00	-5.29E-05	3.05E-05	-1.13E-06	2.42E-04	3.20E-05	-1.46E-04	1.17E-04	-1.39E-04				
117	515.50	-9.67E-01	-1.01E+00	-7.36E-01	2.34E+00	3.21E-02	-1.26E+00	1.35E+00	-3.33E+00	44.71	-9.67E-01	2.34E+00	
	120.00	-7.33E-06	-9.13E-06	1.53E-06	1.80E-04	2.47E-06	-9.68E-05	8.18E-05	-9.82E-05				
118	515.50	-3.07E+00	-1.90E+00	-1.90E+00	9.04E-01	2.36E-01	-4.98E-01	-1.41E+00	-3.56E+00	61.42	-1.90E+00	-9.04E-01	
	136.00	-4.26E-05	2.29E-06	2.54E-06	6.95E-05	1.81E-05	-3.83E-05	2.12E-05	-6.15E-05				
119	547.50	-2.19E+00	-6.17E-01	-1.03E+00	2.20E+00	2.16E-01	-1.24E+00	9.35E-01	-3.74E+00	54.81	3.26E-01	-1.57E+00	
	152.00	-4.19E-05	1.64E-05	2.39E-06	1.69E-04	1.66E-05	-9.55E-05	7.81E-05	-1.02E-04				
120	515.50	-1.02E+00	-8.54E-01	-5.56E-01	1.62E+00	-3.23E-02	-9.87E-01	6.80E-01	-2.56E+00	46.51	-1.02E+00	1.62E+00	
	168.00	-1.27E-05	-6.10E-06	5.39E-06	1.24E-04	-2.48E-06	-7.59E-05	5.29E-05	-7.17E-05				
121	515.50	-3.85E+00	-2.39E+00	-2.31E+00	7.17E-01	1.29E-01	-3.77E-01	-2.09E+00	-4.14E+00	67.75	-2.39E+00	-7.17E-01	
	184.00	-5.41E-05	2.09E-06	5.04E-06	5.52E-05	9.91E-06	-2.90E-05	1.34E-05	-6.54E-05				
122	547.50	-1.47E+00	4.74E-01	-2.26E-01	2.37E+00	1.17E-01	-1.52E+00	2.06E+00	-3.06E+00	56.17	1.47E+00	-1.63E+00	
	200.00	-4.31E-05	3.17E-05	4.75E-06	1.82E-04	8.97E-06	-1.17E-04	9.26E-05	-1.04E-04				
123	515.50	4.82E-01	8.47E-01	8.48E-01	1.17E+00	-2.49E-01	-1.24E+00	1.85E+00	-5.18E-01	49.43	4.82E-01	1.17E+00	
	216.00	-5.37E-06	8.64E-06	8.69E-06	8.99E-05	-1.92E-05	-9.57E-05	4.71E-05	-4.38E-05				
124	515.50	-1.16E+00	-6.51E-01	-4.86E-01	2.97E-01	-4.51E-01	-2.47E-01	-5.15E-01	-1.30E+00	65.37	-6.51E-01	-2.97E-01	
	232.00	-1.95E-05	2.09E-07	6.66E-06	2.29E-05	-3.47E-05	-1.90E-05	5.45E-06	-2.47E-05				
125	547.50	-8.31E-01	-5.56E-01	-3.27E-01	5.61E-01	-2.19E-01	-4.16E-01	-1.16E-01	-1.27E+00	51.89	-3.08E-01	-4.30E-01	
	248.00	-1.31E-05	-2.55E-06	6.27E-06	4.31E-05	-1.68E-05	-3.20E-05	1.44E-05	-3.01E-05				
126	515.50	7.39E-01	1.14E+00	1.10E+00	-3.25E-02	-3.35E-01	-1.08E+00	1.15E+00	7.37E-01	-85.43	7.39E-01	-3.25E-02	
	264.00	-4.37E-06	1.12E-05	9.60E-06	-2.50E-06	-2.58E-05	-8.34E-05	1.13E-05	-4.47E-06				
127	515.50	-7.20E-01	-4.16E-01	-2.46E-01	1.19E-01	-6.97E-01	-1.33E-01	-3.75E-01	-7.61E-01	71.02	-4.16E-01	-1.19E-01	
	276.00	-1.25E-05	-8.02E-07	5.72E-06	9.14E-06	-5.36E-05	-1.02E-05	7.69E-07	-1.41E-05				
128	531.50	3.07E-01	2.36E-01	4.87E-01	7.44E-02	-2.97E-01	-8.00E-02	3.54E-01	1.89E-01	32.17	3.07E-01	7.44E-02	
	297.00	5.03E-07	-2.25E-06	7.40E-06	5.73E-06	-2.29E-05	-6.16E-06	2.30E-06	-4.05E-06				
129	515.50	1.65E+00	1.55E+00	1.60E+00	-3.00E-01	-3.26E-01	-7.88E-01	1.91E+00	1.30E+00	-39.97	1.65E+00	-3.00E-01	
	320.00	1.09E-05	6.78E-06	8.73E-06	-2.31E-05	-2.51E-05	-6.06E-05	2.05E-05	-2.89E-06				
183	565.50	1.07E-01	-2.08E-01	-3.56E-01	4.12E+00	1.00E+00	-3.32E+00	4.07E+00	-4.17E+00	43.91	1.07E-01	4.12E+00	
	-8.00	9.14E-06	-2.97E-06	-8.68E-06	3.17E-04	7.72E-05	-2.55E-04	1.62E-04	-1.55E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .2600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5385E+02	-.3350E+03	-.2453E+02	.4644E+02	.1090E+03	-.7366E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5704E+01	.2365E+01	.1009E+01	.4162E+02	-.2915E+02	-.3733E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.4469E+01	-.6757E+00	.3944E+00	.6697E+02	-.6424E+02	-.6822E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.6312E+01	.1468E+01	.4410E-01	.9361E+02	-.1008E+03	-.9956E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
	-.6466E+01	-.9700E+00	.3582E-01	.1[illegible]03	-.1367E+03	-.1338E+03

	.0000E+00	.0000E+00	.0000E+00	.[illegible]00	.0000E+00	.0000E+00
[illegible]	-.1858E+01	-.9025E+00	.4006E+00	.15[illegible]03	-.1738E+03	-.1742E+03
25	.1804E+02	.2507E+01	.5811E-01	.1970E+03	-.1917E+03	-.2132E+03
26	-.1036E+01	.3944E+00	-.1185E+00	.2141E+03	-.2025E+03	-.2417E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9664E+02	-.1817E+02	.2858E+01	.2202E+03	-.2751E+03	-.2647E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1453E+04	.2570E+03	-.1322E+02	.3042E+03	-.7481E+03	-.4146E+03
40	.1051E+04	.1696E+03	-.8299E+00	.2877E+03	-.7385E+03	-.3812E+03
41	.7326E+03	.1021E+03	.1119E+02	.2506E+03	-.6694E+03	-.3320E+03
42	.1890E+03	.1647E+02	.1212E+02	.2206E+03	-.4750E+03	-.2900E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1934E+04	-.2571E+03	-.1116E+02	.5276E+02	-.7850E+03	.1971E+03
48	-.1679E+04	-.2223E+03	-.1218E+02	.9499E+02	-.7281E+03	.1425E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2650E+04	-.4061E+03	-.1235E+02	-.6812E+02	-.5625E+03	.6320E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.7847E+01	.1029E+02	-.1211E+01	.3120E+02	-.7742E+03	.1843E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1813E+04	-.2756E+03	-.1226E+02	-.2897E+02	-.4401E+03	.5979E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1269E+04	-.1938E+03	-.1646E+02	-.2823E+02	-.4154E+03	.5816E+03
66	-.4228E+03	-.6635E+02	-.2071E+02	-.3555E+02	-.3521E+03	.6060E+03
67	.8850E+03	.1303E+03	-.2068E+02	-.3272E+02	-.2875E+03	.6058E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1577E+04	.2343E+03	-.1739E+02	.3633E+02	-.2351E+03	.5868E+03
76	-.1700E+03	-.2717E+02	-.1191E+02	.5676E+02	-.1633E+03	.5888E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6580E+03	.9788E+02	-.8540E+01	.7414E+02	-.7360E+02	.5706E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2796E+03	-.4229E+02	-.6090E+01	.1105E+03	-.1895E+02	.5519E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3827E+03	.5783E+02	-.5395E+01	.8694E+02	.5701E+02	.5123E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2606E+03	-.3821E+02	-.4533E+01	.7916E+02	.1026E+03	.4693E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2961E+03	.4591E+02	-.4644E+01	.8008E+02	.1665E+03	.4210E+03
109	-.1751E+03	-.2436E+02	-.3929E+01	.8382E+02	.2093E+03	.3650E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2449E+03	.3914E+02	-.3851E+01	.4916E+02	.2567E+03	.3001E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1112E+03	.1935E+02	-.7396E+00	.2733E+02	.2797E+03	.2361E+03
115	.4091E+02	.8944E+01	.1700E+00	.1200E+02	.2817E+03	.1681E+03
116	.7726E+02	.1477E+02	.8473E+00	-.7872E+00	.2972E+03	.1222E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.9345E+02	.1738E+02	.1725E+01	.1431E+02	.3068E+03	.1123E+03
119	.5782E+02	.1182E+02	.2436E+01	-.2571E+02	.2816E+03	.5898E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1831E+03	.2460E+02	.1097E+02	-.2582E+02	.2504E+03	.2734E+02
122	.1529E+03	.1275E+02	.1939E+02	.6841E+01	.2425E+03	.3255E+02
123	.1165E+03	.8578E+01	.1734E+02	.4376E+01	.2124E+03	.2953E+02
124	.8540E+02	.6053E+01	.1198E+02	.2684E+01	.1754E+03	.2708E+02
125	.5701E+02	.3241E+01	.8810E+01	.1283E+01	.1456E+03	.2475E+02
126	.1953E+02	-.2713E+01	.8217E+01	-.4933E+00	.1233E+03	.2225E+02
127	-.8026E+01	-.7371E+01	.8421E+01	-.1680E+01	.1061E+03	.1903E+02
128	-.3682E+02	-.1134E+02	.8198E+01	-.4553E+01	.7069E+02	.1536E+02
129	-.3799E+02	-.9946E+01	.7072E+01	-.5815E+01	.4178E+02	.1207E+02
130	-.2673E+02	-.6162E+01	.5386E+01	-.5953E+01	.2022E+02	.9665E+01
131	-.7263E+01	-.1145E+01	.3846E+01	-.5168E+01	.8044E+01	.8059E+01
132	.7118E+00	.5064E+00	.2874E+01	-.3513E+01	.7941E+01	.6870E+01
133	.1418E+01	.4433E+00	.2603E+01	-.2473E+01	.8684E+01	.5736E+01
134	.3901E+00	.1326E+00	.2577E+01	-.1995E+01	.7276E+01	.4505E+01
135	.8291E-02	.1353E-01	.2891E+01	-.1439E+01	.5148E+01	.3322E+01
136	.5666E-02	.2017E-01	.3843E+01	-.1002E+01	.3351E+01	.2220E+01
137	-.6536E-01	-.2131E-01	.6016E+01	-.6898E+00	.1516E+01	.1215E+01
138	.3377E-01	.1251E+00	.9793E+02	-.4514E+00	-.3993E+00	.6076E+00
139	.9112E-01	.1477E+00	-.2595E+02	-.7272E-01	.2145E+00	-.2150E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.47547E-02	-.40334E-04	.47458E-02	.00000E+00
3	-.91414E-02	-.93019E-04	.91779E-02	.00000E+00
	-.10156E-01	-.71380E-04	.10187E-01	.00000E+00
	-.11260E-01	-.54161E-04	.11275E-01	.00000E+00
	-.13447E-01	.15126E-04	.13445E-01	.35681E-05

	-.11066E-01	.81413E-04	.12058E-01	.00000E+00
	-.13498E-01	.60371E-04	.13551E-01	.79910E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.47657E-02	.37199E-04	.48540E-02	.00000E+00
11	-.93697E-02	.73280E-04	.95414E-02	.00000E+00
12	-.10755E-01	.12215E-03	.10934E-01	.00000E+00
13	-.11884E-01	.11035E-03	.11972E-01	.00000E+00
14	-.13621E-01	.19787E-03	.13821E-01	.23324E-05
15	-.12216E-01	.37504E-03	.12745E-01	.00000E+00
16	-.13791E-01	.37329E-03	.14265E-01	.24842E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.49258E-02	.15654E-03	.51709E-02	.00000E+00
19	-.97241E-02	.36350E-03	.10229E-01	.00000E+00
20	-.11228E-01	.44981E-03	.11776E-01	.00000E+00
21	-.12350E-01	.45917E-03	.12875E-01	.00000E+00
22	-.14037E-01	.59202E-03	.14892E-01	.40863E-05
23	-.12921E-01	.79282E-03	.14262E-01	.00000E+00
24	-.14320E-01	.93410E-03	.15689E-01	.68820E-06
25	-.14511E-01	.85342E-03	.16208E-01	.23654E-05
26	-.14623E-01	.96635E-03	.16514E-01	.11100E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.52446E-02	.32527E-03	.56207E-02	.00000E+00
29	-.10398E-01	.76504E-03	.11168E-01	.00000E+00
30	-.11712E-01	.96456E-03	.12893E-01	.00000E+00
31	-.12994E-01	.10276E-02	.14581E-01	.00000E+00
32	-.14745E-01	.11581E-02	.16852E-01	.15939E-05
33	-.13059E-01	.11493E-02	.14669E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.53621E-02	.32906E-03	.57432E-02	.00000E+00
36	-.10731E-01	.93500E-03	.11616E-01	.00000E+00
37	-.12000E-01	.10729E-02	.12967E-01	.00000E+00
38	-.13616E-01	.14573E-02	.15338E-01	.00000E+00
39	-.14884E-01	.16478E-02	.17405E-01	.17351E-04
40	-.14848E-01	.14642E-02	.17274E-01	.15696E-04
41	-.14814E-01	.13089E-02	.17151E-01	.12291E-04
42	-.14795E-01	.11942E-02	.17020E-01	.65588E-05
43	-.12533E-01	.12305E-02	.13522E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.56920E-02	.64012E-03	.58754E-02	.00000E+00
46	-.11505E-01	.10373E-02	.12071E-01	.00000E+00
47	-.14901E-01	.17561E-02	.17457E-01	.99646E-05
48	-.14895E-01	.17087E-02	.17448E-01	.17453E-04
49	-.13634E-01	.14387E-02	.15233E-01	.00000E+00
50	-.15078E-01	.17208E-02	.17546E-01	.41627E-04
51	-.14249E-01	.14490E-02	.15428E-01	.00000E+00
52	-.15946E-01	.16571E-02	.17069E-01	.00000E+00
53	-.14916E-01	.17376E-02	.17491E-01	-.10153E-05
54	-.12941E-01	.11746E-02	.13172E-01	.00000E+00
55	-.14387E-01	.11944E-02	.14895E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.51795E-02	-.33196E-03	.52570E-02	.00000E+00
58	-.11201E-01	.16725E-03	.10662E-01	.00000E+00
59	-.16616E-01	.15491E-02	.17163E-01	.00000E+00
60	-.16134E-01	.16011E-02	.16917E-01	.00000E+00
61	-.15234E-01	.17266E-02	.17607E-01	.61570E-04
62	-.12956E-01	.67043E-03	.12915E-01	.00000E+00
63	-.14618E-01	.99513E-03	.14395E-01	.00000E+00
64	-.16285E-01	.17016E-02	.17345E-01	.00000E+00
65	-.15441E-01	.17311E-02	.17665E-01	.75226E-04
66	-.15944E-01	.17411E-02	.17783E-01	.89774E-04
67	-.16478E-01	.17545E-02	.17908E-01	.84522E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.43263E-02	.22866E-03	.40890E-02	.00000E+00
70	-.12383E-01	.49749E-03	.13134E-01	.00000E+00

71	-.17002E-01	.12583E-02	.17319E-01	.00000E+00
72	-.16817E-01	.17462E-02	.17507E-01	.00000E+00
73	-.15319E-01	.59002E-03	.16948E-01	.00000E+00
74	-.17849E-01	.18412E-02	.18383E-01	.00000E+00
75	-.16927E-01	.17543E-02	.18023E-01	.62886E-04
76	-.17506E-01	.17733E-02	.18207E-01	.42223E-04
77	-.17174E-01	.93347E-03	.18385E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.54165E-02	.12824E-04	.62518E-02	.00000E+00
80	-.12475E-01	.46554E-03	.13762E-01	.00000E+00
81	-.13908E-01	.50714E-03	.15618E-01	.00000E+00
82	-.15170E-01	.73363E-03	.16037E-01	.00000E+00
83	-.18973E-01	.14679E-02	.19580E-01	.00000E+00
84	-.19044E-01	.10257E-02	.20471E-01	.00000E+00
85	-.18151E-01	.17376E-02	.18479E-01	.33038E-04
86	-.18514E-01	.19639E-02	.18660E-01	.00000E+00
87	-.17969E-01	.71962E-03	.19782E-01	.00000E+00
88	-.18939E-01	.16437E-02	.19455E-01	.00000E+00
89	-.18575E-01	.18035E-02	.18717E-01	.76142E-04
90	-.16076E-01	.52511E-04	.21480E-01	.00000E+00
91	-.16810E-01	.60532E-04	.21846E-01	.00000E+00
92	-.17563E-01	-.15564E-03	.22533E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.75952E-02	.00000E+00	.10496E-01	.00000E+00
95	-.13513E-01	.00000E+00	.18580E-01	.00000E+00
96	-.15111E-01	.00000E+00	.20523E-01	.00000E+00
97	-.15939E-01	.00000E+00	.21590E-01	.00000E+00
98	-.15975E-01	.00000E+00	.21561E-01	.00000E+00
99	-.16626E-01	-.17426E-03	.22373E-01	.00000E+00
100	-.16078E-01	-.19333E-04	.21623E-01	.00000E+00
101	-.19758E-01	.58243E-03	.21422E-01	.00000E+00
102	-.19253E-01	.18270E-02	.19092E-01	.23928E-04
103	-.19955E-01	.14122E-02	.20909E-01	.00000E+00
104	-.19665E-01	.19632E-02	.19667E-01	.00000E+00
105	-.19727E-01	.18404E-02	.19417E-01	.21926E-04
106	-.20470E-01	.17400E-02	.21219E-01	.00000E+00
107	-.20566E-01	.19377E-02	.20339E-01	.00000E+00
108	-.20316E-01	.18595E-02	.19753E-01	.21124E-04
109	-.20719E-01	.18717E-02	.20027E-01	.17493E-04
110	-.21106E-01	.14207E-02	.22263E-01	.00000E+00
111	-.21410E-01	.18917E-02	.21232E-01	.00000E+00
112	-.21171E-01	.18938E-02	.20310E-01	.15791E-04
113	-.21336E-01	.16233E-02	.21947E-01	.00000E+00
114	-.21425E-01	.19011E-02	.20509E-01	.76229E-05
115	-.21577E-01	.19139E-02	.20720E-01	.44268E-05
116	-.21657E-01	.19202E-02	.20853E-01	.33984E-05
117	-.21578E-01	.19707E-02	.21297E-01	.00000E+00
118	-.21699E-01	.19246E-02	.20927E-01	.33158E-05
119	-.21752E-01	.19321E-02	.21039E-01	.19588E-05
120	-.21684E-01	.19123E-02	.21586E-01	.00000E+00
121	-.21767E-01	.19395E-02	.21129E-01	-.12087E-05
122	-.21765E-01	.19550E-02	.21151E-01	-.27297E-05
123	-.21758E-01	.19755E-02	.21171E-01	-.38402E-05
124	-.21749E-01	.20030E-02	.21192E-01	-.50541E-05
125	-.21733E-01	.20385E-02	.21215E-01	-.64229E-05
126	-.21700E-01	.21130E-02	.21254E-01	-.79439E-05
127	-.21663E-01	.21953E-02	.21292E-01	-.80884E-05
128	-.21596E-01	.23534E-02	.21370E-01	-.56336E-05
129	-.21565E-01	.24390E-02	.21443E-01	-.19652E-05
130	-.21572E-01	.24337E-02	.21522E-01	.22493E-05
131	-.21655E-01	.22166E-02	.21643E-01	.66904E-05
132	-.21764E-01	.18771E-02	.21748E-01	.80048E-05
	-.21860E-01	.15272E-02	.21839E-01	.74531E-05
	-.21929E-01	.12147E-02	.21912E-01	.66832E-05

[illegible]	-.21981E-01	.02235E-03	.21971E-01	.4812E-05
[illegible]	-.22018E-01	.63141E-03	.22014E-01	.64362E-05
137	-.22040E-01	.34394E-03	.22039E-01	.64327E-05
138	-.22055E-01	.51308E-04	.22055E-01	.65422E-05
139	-.22055E-01	.64308E-05	.22055E-01	.64423E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	8.85E-03	9.30E-03	1.58E-02	-5.79E-01	1.10E-03	5.87E-01	5.88E-01	-5.70E-01	-45.01	8.85E-03	-5.79E-01
	-303.00	-3.80E-09	-1.74E-08	2.76E-07	-5.26E-05	1.00E-07	5.33E-05	2.63E-05	-2.63E-05			
2	72.00	-1.49E-02	1.31E-03	2.53E-02	-5.40E-01	7.03E-03	5.58E-01	5.33E-01	-5.47E-01	-45.43	-1.49E-02	-5.40E-01
	-213.00	-8.30E-07	-9.22E-08	9.99E-07	-4.91E-05	6.39E-07	5.07E-05	2.41E-05	-2.50E-05			
3	72.00	-1.52E-01	2.51E-03	3.83E-02	-4.12E-01	5.28E-02	4.37E-01	3.44E-01	-4.94E-01	-50.32	-1.52E-01	-4.12E-01
	-138.00	-2.87E-06	6.41E-07	1.45E-06	-1.87E-05	2.40E-06	1.99E-05	8.41E-06	-1.06E-05			
4	24.00	-4.14E-01	-1.17E-01	-1.64E-01	-8.29E-01	1.24E-01	9.16E-01	5.76E-01	-1.11E+00	-50.09	-4.14E-01	-8.29E-01
	-68.00	-8.29E-06	3.15E-06	1.32E-06	-6.37E-05	9.56E-06	7.04E-05	2.98E-05	-3.49E-05			
5	72.00	2.00E-02	4.62E-03	1.00E-01	-3.21E-01	9.15E-04	3.42E-01	3.33E-01	-3.08E-01	-44.31	4.62E-03	3.21E-01
	-88.00	-6.03E-07	-1.19E-06	2.48E-06	-2.47E-05	7.03E-08	2.63E-05	1.14E-05	-1.32E-05			
6	120.00	-1.55E-02	-4.62E-02	2.95E-02	-7.25E-01	-3.50E-02	6.80E-01	6.94E-01	-7.56E-01	-44.39	-7.47E-01	1.16E-01
	-68.00	-2.44E-07	-1.42E-06	1.49E-06	-5.58E-05	-2.69E-06	5.23E-05	2.70E-05	-2.87E-05			
7	36.25	-2.39E-01	-1.09E-01	-7.66E-02	-4.09E-01	5.83E-02	4.00E-01	2.41E-01	-5.88E-01	-49.51	-2.25E-01	-4.11E-01
	-19.00	-4.52E-06	4.74E-07	1.72E-06	-3.15E-05	4.49E-06	3.08E-05	1.39E-05	-1.80E-05			
8	108.00	2.15E-02	6.35E-02	7.89E-02	-3.63E-01	5.03E-04	3.61E-01	4.06E-01	-3.21E-01	-46.66	2.15E-02	-3.63E-01
	-19.00	-9.75E-07	6.42E-07	1.23E-06	-2.79E-05	3.87E-08	2.77E-05	1.38E-05	-1.42E-05			
9	216.00	2.77E-02	6.36E-02	4.84E-02	-5.88E-01	7.86E-03	6.10E-01	6.34E-01	-5.42E-01	-45.88	2.77E-02	-5.88E-01
	-303.00	-5.56E-07	1.08E-06	3.86E-07	-5.34E-05	7.14E-07	5.55E-05	2.70E-05	-2.65E-05			
10	216.00	-7.08E-03	6.19E-02	5.79E-02	-5.59E-01	2.55E-02	5.88E-01	5.87E-01	-5.33E-01	-46.77	-7.08E-03	-5.59E-01
	-213.00	-1.79E-06	1.35E-06	1.17E-06	-5.08E-05	2.32E-06	5.34E-05	2.52E-05	-2.57E-05			
11	216.00	-1.29E-01	4.93E-02	6.90E-02	-4.83E-01	8.11E-02	5.13E-01	4.51E-01	-5.31E-01	-50.23	-1.29E-01	-4.83E-01
	-138.00	-2.87E-06	1.18E-06	1.62E-06	-2.20E-05	3.69E-06	2.33E-05	1.03E-05	-1.20E-05			
12	168.00	-1.24E-01	8.72E-02	2.41E-02	-7.58E-01	1.26E-01	8.32E-01	7.47E-01	-7.83E-01	-48.96	-1.24E-01	-7.58E-01
	-68.00	-4.62E-06	3.49E-06	1.06E-06	-5.83E-05	9.68E-06	6.40E-05	2.89E-05	-3.00E-05			
13	216.00	6.00E-02	5.12E-03	1.19E-01	-2.57E-01	3.16E-02	2.88E-01	2.91E-01	-2.26E-01	-41.95	5.12E-03	2.57E-01
	-88.00	2.91E-07	-1.82E-06	2.54E-06	-1.98E-05	2.43E-06	2.22E-05	9.17E-06	-1.07E-05			
14	264.00	-8.35E-02	-5.87E-02	1.86E-02	-6.85E-01	-3.67E-03	6.64E-01	6.14E-01	-7.57E-01	-45.52	-7.43E-01	1.36E-01
	-68.00	-1.85E-06	-9.01E-07	2.08E-06	-5.27E-05	-2.83E-07	5.11E-05	2.50E-05	-2.77E-05			
15	180.00	-1.41E-01	-3.13E-02	-3.72E-03	-3.31E-01	8.66E-02	3.58E-01	2.50E-01	-4.22E-01	-49.70	-1.41E-01	-3.31E-01
	-19.00	-3.49E-06	7.31E-07	1.79E-06	-2.55E-05	6.66E-06	2.76E-05	1.15E-05	-1.43E-05			
16	252.00	-2.41E-02	7.37E-02	1.06E-01	-3.38E-01	3.68E-02	3.72E-01	3.67E-01	-3.17E-01	-49.11	-2.41E-02	-3.38E-01
	-19.00	-2.63E-06	1.13E-06	2.35E-06	-2.60E-05	2.83E-06	2.86E-05	1.24E-05	-1.39E-05			
17	361.00	6.46E-02	1.48E-01	9.81E-02	-6.15E-01	1.22E-02	6.56E-01	7.23E-01	-5.10E-01	-46.93	6.46E-02	-6.15E-01
	-303.00	-1.09E-06	2.68E-06	4.30E-07	-5.59E-05	1.11E-06	5.96E-05	2.88E-05	-2.72E-05			
18	361.00	-8.50E-03	1.45E-01	9.52E-02	-5.87E-01	3.79E-02	6.36E-01	6.60E-01	-5.23E-01	-48.73	-8.50E-03	-5.87E-01
	-213.00	-3.40E-06	3.59E-06	1.31E-06	-5.33E-05	3.44E-06	5.78E-05	2.70E-05	-2.68E-05			
19	361.00	-1.58E-01	1.21E-01	1.08E-01	-4.47E-01	1.09E-01	5.61E-01	4.50E-01	-4.87E-01	-53.65	-1.58E-01	-4.47E-01
	-138.00	-3.96E-06	2.37E-06	2.08E-06	-2.03E-05	4.96E-06	2.55E-05	9.86E-06	-1.14E-05			
20	312.00	-2.07E-01	1.59E-01	4.49E-02	-7.91E-01	2.28E-01	9.96E-01	7.88E-01	-8.36E-01	-51.52	-2.07E-01	-7.91E-01
	-68.00	-7.93E-06	6.16E-06	1.76E-06	-6.09E-05	1.75E-05	7.66E-05	3.04E-05	-3.21E-05			
21	360.67	9.28E-02	-5.39E-02	1.35E-01	-2.86E-01	3.45E-02	4.11E-01	3.15E-01	-2.76E-01	-37.81	-5.39E-02	2.86E-01
	-88.00	1.66E-06	-3.98E-06	3.28E-06	-2.20E-05	2.65E-06	3.16E-05	1.02E-05	-1.25E-05			
22	409.33	3.94E-02	4.84E-02	1.40E-01	-7.78E-01	1.85E-02	9.97E-01	8.22E-01	-7.34E-01	-45.17	-7.16E-01	1.65E-01
	-68.00	-9.89E-07	-6.44E-07	2.89E-06	-5.98E-05	1.42E-06	7.67E-05	2.91E-05	-3.07E-05			
23	324.00	-2.24E-01	-3.20E-02	1.22E-02	-2.93E-01	1.57E-01	3.59E-01	1.80E-01	-4.36E-01	-54.07	-2.24E-01	-2.93E-01
	-19.00	-5.94E-06	1.45E-06	3.15E-06	-2.25E-05	1.21E-05	2.75E-05	9.62E-06	-1.43E-05			
24	372.00	-1.17E-01	7.59E-02	1.15E-01	-9.77E-01	1.41E-01	1.05E+00	9.61E-01	-1.00E+00	-47.82	-1.17E-01	-9.77E-01
	-9.33	-5.31E-06	2.11E-06	3.61E-06	-7.51E-05	1.08E-05	8.06E-05	3.61E-05	-3.93E-05			
25	401.25	-1.43E-02	1.87E-02	1.42E-01	-3.02E-01	5.72E-02	3.89E-01	2.96E-01	-3.11E-01	-47.50	2.51E-01	-1.58E-01
	-19.00	-2.70E-06	-6.65E-07	4.06E-06	-2.33E-05	4.40E-06	2.99E-05	9.99E-06	-1.34E-05			
26	427.67	-1.29E-01	1.27E-01	1.34E-01	-1.02E+00	1.83E-01	1.42E+00	1.03E+00	-1.03E+00	-48.59	-7.07E-01	-7.45E-01

3704

	-9.33	-6.43E-05	3.45E-06	3.71E-06	-7.83E-05	1.41E-05	1.09E-04	3.80E-05	-4.10E-05					
27	487.00	9.39E-02	2.02E-01	1.31E-01	-6.49E-01	1.01E-02	6.91E-01	7.98E-01	-5.02E-01	-47.38	9.39E-02	-6.48E-01		
	-303.00	-1.28E-06	3.64E-06	4.14E-07	-5.89E-05	9.17E-07	6.29E-05	3.07E-05	-2.84E-05					
28	457.00	-9.21E-03	2.26E-01	1.27E-01	-6.22E-01	5.37E-02	6.84E-01	7.42E-01	-5.25E-01	-50.36	-9.21E-03	-6.22E-01		
	-213.00	-4.89E-06	5.81E-06	1.32E-06	-5.66E-05	4.89E-06	6.22E-05	2.02E-05	-2.83E-05					
29	457.00	-3.59E-01	6.23E-02	3.01E-02	-4.07E-01	7.90E-02	5.19E-01	3.10E-01	-6.06E-01	-58.67	-3.59E-01	-4.07E-01		
	-138.00	-6.75E-06	2.81E-06	2.09E-06	-1.85E-05	3.59E-06	2.38E-05	8.44E-06	-1.24E-05					
30	442.00	1.98E-01	4.03E-01	3.38E-01	-7.82E-01	1.26E-02	1.09E+00	1.09E+00	-4.88E-01	-48.73	1.98E-01	-7.92E-01		
	-48.00	-2.70E-06	5.18E-06	2.67E-06	-6.01E-05	9.69E-07	8.37E-05	3.16E-05	-2.91E-05					
31	457.33	1.02E+00	7.59E-01	9.05E-01	-3.07E-01	-4.67E-01	5.30E-01	1.24E+00	5.84E-01	-34.99	7.99E-01	3.07E-01		
	-88.00	1.05E-05	1.86E-06	2.11E-06	-2.36E-05	-3.59E-05	4.08E-05	1.87E-05	-6.40E-06					
32	472.67	-1.13E+00	-1.10E-01	-4.24E-01	-7.47E-01	3.69E-01	1.37E+00	2.83E-01	-1.53E+00	-62.21	-1.50E+00	-2.39E-01		
	-68.00	-2.53E-05	1.41E-05	2.04E-06	-5.75E-05	2.84E-05	1.05E-04	2.92E-05	-4.04E-05					
33	443.00	-1.04E-01	9.05E-02	1.59E-01	-3.49E-01	8.62E-02	5.09E-01	3.55E-01	-3.69E-01	-52.80	-1.04E-01	-3.49E-01		
	-19.50	-5.50E-06	1.99E-06	4.25E-06	-2.68E-05	6.63E-06	3.02E-05	1.22E-05	-1.57E-05					
34	454.00	-8.51E-01	-2.14E-01	-2.97E-01	-1.12E+00	3.89E-01	1.73E+00	6.36E-01	-1.70E+00	-52.91	-1.28E+00	-8.95E-01		
	-11.33	-1.78E-05	6.74E-06	3.55E-06	-8.65E-05	2.99E-05	1.33E-04	3.94E-05	-5.04E-05					
35	461.67	5.47E-01	9.34E-01	7.19E-01	-1.09E+00	1.00E-01	1.79E+00	1.85E+00	-3.69E-01	-50.02	5.47E-01	-1.09E+00		
	-12.00	-3.14E-06	1.17E-05	3.49E-06	-8.40E-05	7.70E-06	1.38E-04	4.70E-05	-3.84E-05					
36	469.00	6.26E-01	4.89E-01	5.80E-01	-8.53E-02	-4.00E-01	6.58E-01	6.67E-01	4.48E-01	-25.66	4.89E-01	8.53E-02		
	-30.00	5.45E-06	1.92E-07	3.67E-06	-6.56E-06	-3.08E-05	5.07E-05	7.02E-06	-1.39E-06					
37	476.33	3.11E-01	5.82E-01	4.89E-01	-6.90E-01	1.08E-01	1.42E+00	1.15E+00	-2.57E-01	-50.53	5.22E-02	-5.83E-01		
	-12.00	-3.21E-06	7.18E-06	3.62E-06	-5.31E-05	8.32E-06	1.09E-04	2.90E-05	-2.51E-05					
38	558.50	1.79E-01	3.20E-01	2.07E-01	-6.65E-01	1.85E-03	7.05E-01	9.18E-01	-4.19E-01	-48.04	1.79E-01	-6.65E-01		
	-303.00	-1.05E-06	5.38E-06	2.53E-07	-6.04E-05	1.68E-07	6.41E-05	3.25E-05	-2.82E-05					
39	558.50	5.28E-02	2.53E-01	1.50E-01	-6.69E-01	1.06E-02	7.23E-01	8.29E-01	-5.23E-01	-49.25	5.28E-02	-6.69E-01		
	-213.00	-3.52E-06	5.57E-06	9.02E-07	-6.08E-05	9.66E-07	6.57E-05	3.18E-05	-2.97E-05					
40	506.17	-1.50E-01	5.67E-01	2.25E-01	-1.55E+00	1.17E-01	1.65E+00	1.80E+00	-1.38E+00	-51.52	-1.50E-01	-1.55E+00		
	-128.00	-6.78E-06	9.52E-06	1.75E-06	-7.04E-05	5.32E-06	7.49E-05	3.75E-05	-3.47E-05					
41	558.50	-6.26E-02	2.96E-01	1.28E-01	-5.64E-01	-9.83E-02	7.57E-01	7.08E-01	-4.75E-01	-53.82	2.96E-01	5.64E-01		
	-148.00	-3.32E-06	4.83E-06	1.01E-06	-2.56E-05	-4.47E-06	3.44E-05	1.42E-05	-1.27E-05					
42	610.83	-1.49E-02	5.01E-01	1.99E-01	-1.37E+00	-1.19E-01	1.30E+00	1.64E+00	-1.15E+00	-50.32	-1.01E+00	6.09E-01		
	-128.00	-3.93E-06	7.80E-06	9.26E-07	-6.24E-05	-5.39E-06	5.92E-05	3.37E-05	-2.98E-05					
43	501.38	-2.01E-02	2.63E-01	1.93E-01	-3.29E-01	-2.58E-02	4.14E-01	4.79E-01	-2.37E-01	-56.64	-2.01E-02	-3.29E-01		
	-78.00	-5.56E-06	5.32E-06	2.63E-06	-2.53E-05	-1.98E-06	3.18E-05	1.37E-05	-1.39E-05					
44	534.67	-1.63E-02	4.87E-01	2.56E-01	-9.80E-01	1.14E-02	1.17E+00	1.25E+00	-7.77E-01	-52.20	-6.87E-01	4.18E-01		
	-68.00	-8.61E-06	1.08E-05	1.85E-06	-7.54E-05	8.76E-07	8.98E-05	4.00E-05	-3.79E-05					
45	584.67	2.89E-01	5.05E-01	3.79E-01	-1.19E+00	-1.10E-01	1.10E+00	1.59E+00	-7.97E-01	-47.58	2.89E-01	-1.19E+00		
	-68.00	-1.76E-06	6.52E-06	1.69E-06	-9.15E-05	-8.48E-06	8.43E-05	4.83E-05	-4.36E-05					
46	610.83	1.02E+00	7.41E-01	7.23E-01	-6.23E-01	-4.08E-01	7.98E-01	1.52E+00	2.41E-01	-38.78	7.41E-01	6.23E-01		
	-88.00	1.18E-05	1.26E-06	5.40E-07	-4.79E-05	-3.14E-05	6.14E-05	3.11E-05	-1.80E-05					
47	482.67	2.33E-01	4.23E-01	4.21E-01	-2.32E-01	-1.03E-01	4.72E-01	5.78E-01	7.77E-02	-56.19	2.33E-01	-2.32E-01		
	-21.00	-2.98E-06	4.45E-06	4.35E-06	-1.78E-05	-7.95E-06	3.63E-05	1.04E-05	-8.85E-06					
48	485.83	9.04E-01	1.39E+00	1.04E+00	-7.38E-01	-9.28E-03	1.57E+00	1.92E+00	3.68E-01	-54.04	8.11E-01	-7.01E-01		
	-12.00	-1.78E-06	1.68E-05	3.29E-06	-5.68E-05	-7.14E-07	1.20E-04	3.74E-05	-2.24E-05					
49	507.88	5.89E-02	3.93E-01	3.22E-01	-2.65E-01	-1.49E-02	4.95E-01	5.39E-01	-8.76E-02	-61.08	5.89E-02	-2.65E-01		
	-21.00	-6.24E-06	6.59E-06	3.89E-06	-2.04E-05	-1.14E-06	3.80E-05	1.22E-05	-1.19E-05					
50	538.67	-4.99E-02	5.50E-01	2.80E-01	-9.25E-01	-2.37E-01	1.12E+00	1.22E+00	-7.22E-01	-53.98	-6.42E-01	3.88E-01		
	-10.00	-1.05E-05	1.26E-05	2.19E-06	-7.11E-05	-1.83E-05	8.64E-05	3.84E-05	-3.63E-05					
51	484.67	4.03E+00	2.86E+00	2.95E+00	8.78E-02	-3.30E-01	1.64E-01	4.03E+00	2.86E+00	4.29	2.86E+00	-8.78E-02		
	8.00	4.68E-05	2.01E-06	5.27E-06	6.75E-06	-2.54E-05	1.26E-05	4.70E-05	1.76E-06					
52	507.00	-1.20E+00	-1.38E+00	-8.77E-01	-8.01E-01	-1.01E-01	-1.97E-01	-4.86E-01	-2.10E+00	-41.88	-1.95E+00	-4.71E-01		
	9.00	-8.28E-06	-1.50E-05	4.30E-06	-6.16E-05	-7.73E-06	-1.52E-05	1.93E-05	-4.26E-05					
53	603.00	-6.65E-02	1.81E-01	9.13E-02	-4.64E-01	-3.82E-02	3.80E-01	5.37E-01	-4.23E-01	-52.47	2.50E-01	-4.40E-01		
	-18.00	-4.82E-06	4.70E-06	1.25E-06	-3.57E-05	-2.94E-06	2.92E-05	1.84E-05	-1.85E-05					
54	712.00	1.92E-01	1.92E-01	1.57E-01	-7.00E-01	-2.37E-02	6.79E-01	8.92E-01	-5.08E-01	-45.00	1.92E-01	-7.00E-01		
	-303.00	1.71E-06	1.71E-06	9.16E-09	-6.36E-05	-2.15E-06	6.17E-05	3.35E-05	-3.01E-05					
55	712.00	4.03E-01	4.53E-01	3.45E-01	-7.91E-01	-7.54E-02	7.03E-01	1.22E+00	-3.63E-01	-45.90	4.03E-01	-7.91E-01		
	-213.00	2.72E-06	4.98E-06	1.01E-07	-7.19E-05	-6.86E-06	6.39E-05	3.98E-05	-3.21E-05					
56	712.00	2.28E-01	4.35E-01	2.06E-01	-6.67E-01	-1.25E-01	5.91E-01	1.01E+00	-3.43E-01	-49.41	2.28E-01	-6.67E-01		
	-138.00	6.32E-07	5.34E-06	1.11E-07	-3.03E-05	-5.66E-06	2.69E-05	1.83E-05	-1.24E-05					
57	712.0[illegible]	6.58E-02	1.60E-01	1.01E-01	-3.78E-01	-3.54E-02	3.29E-01	4.98E-01	-2.64E-01	-48.86	6.58E-02	-3.78E-01		
	-78.[illegible]	[illegible].15E-06	2.79E-06	2.01E-07	-2.91E-05	-2.73E-06	[illegible]3E-05	1.55E-05	-1.38E-05					
58	71[illegible]	1.33E-01	3.22E-01	1.97E-01	-5.21E-01	-2.02E-02	[illegible]0E-01	7.56E-01	-3.02E-01	-50.16	1.33E-01	-5.[illegible]		

	-18.00	2.06E-06	5.23E-06	4.03E-07	-4.00E-05	-1.55E-06	[illegible]E-05	2.19E-05	-1.86E-05				
59	837.00	2.12E+00	1.29E+00	1.36E+00	-6.09E-01	-3.86E-01	6.43E-01	2.44E+00	9.57E-01	-27.68	1.28E+00	6.09E-01	
	-318.00	3.45E-05	-3.69E-06	.00E+00	-5.53E-05	-3.50E-05	5.64E-05	4.90E-05	-1.82E-05				
60	887.00	4.37E-01	3.42E-01	3.12E-01	-1.65E+00	-8.57E-02	1.64E+00	2.04E+00	-1.26E+00	-44.18	-1.09E+00	7.35E-01	
	-288.00	5.69E-06	1.39E-06	.00E+00	-1.50E-04	-7.79E-06	1.40E-04	7.85E-05	-7.15E-05				
61	987.00	-2.50E-01	2.50E-02	-8.99E-02	-1.74E+00	1.59E-01	1.76E+00	1.63E+00	-1.85E+00	-47.26	-2.50E-01	-1.74E+00	
	-288.00	-7.27E-06	5.22E-06	.00E+00	-1.58E-04	1.44E-05	1.60E-04	7.91E-05	-8.02E-05				
62	1037.00	2.40E+00	1.61E+00	1.60E+00	-1.32E+00	-4.58E-01	1.53E+00	3.38E+00	6.19E-01	-36.72	1.61E+00	1.32E+00	
	-318.00	3.61E-05	2.95E-07	.00E+00	-1.20E-04	-4.17E-05	1.39E-04	8.10E-05	-4.46E-05				
63	862.00	1.16E-01	2.34E-01	1.41E-01	-8.29E-01	4.76E-02	8.81E-01	1.00E+00	-6.55E-01	-47.06	1.16E-01	-8.28E-01	
	-213.00	-1.10E-06	4.27E-06	1.50E-08	-7.52E-05	4.33E-06	8.01E-05	3.93E-05	-3.61E-05				
64	1012.00	-5.51E-02	1.20E-01	4.59E-02	-9.33E-01	9.52E-02	1.01E+00	9.69E-01	-9.05E-01	-47.68	-5.51E-02	-9.33E-01	
	-213.00	-3.94E-06	4.01E-06	6.51E-07	-8.48E-05	8.65E-06	5.17E-05	4.26E-05	-4.26E-05				
65	837.00	-6.13E-01	2.81E-01	-4.83E-02	-5.72E-01	7.38E-01	6.13E-01	5.60E-01	-8.92E-01	-64.02	2.81E-01	5.72E-01	
	-148.00	-1.19E-05	8.39E-06	8.97E-07	-2.60E-05	3.35E-05	3.70E-05	1.47E-05	-1.83E-05				
66	937.00	-6.73E-02	2.73E-01	1.08E-01	-1.17E+00	1.81E-01	1.23E+00	1.28E+00	-1.07E+00	-49.16	-5.77E-01	9.61E-01	
	-128.00	-3.17E-06	4.56E-06	8.01E-07	-5.30E-05	8.21E-06	5.61E-05	2.75E-05	-2.61E-05				
67	1037.00	7.45E-01	4.63E-01	4.33E-01	-1.03E+00	-1.15E-01	1.12E+00	1.65E+00	-4.36E-01	-41.12	4.63E-01	1.03E+00	
	-148.00	8.32E-06	1.92E-06	1.24E-06	-4.69E-05	-5.24E-06	5.10E-05	2.88E-05	-1.86E-05				
68	837.00	1.26E-01	4.94E-01	2.47E-01	-1.27E+00	2.22E-01	1.50E+00	1.59E+00	-9.70E-01	-49.13	1.26E-01	-1.27E+00	
	-68.00	-4.67E-06	9.48E-06	-4.86E-08	-9.75E-05	1.71E-05	1.16E-04	5.17E-05	-4.69E-05				
69	937.00	7.43E-02	1.71E-01	1.65E-01	-4.76E-01	1.53E-01	4.25E-01	6.01E-01	-3.56E-01	-47.90	1.71E-01	4.76E-01	
	-88.00	-1.65E-06	2.07E-06	1.83E-06	-3.66E-05	1.18E-05	3.27E-05	1.86E-05	-1.82E-05				
70	1037.00	6.28E-01	8.34E-01	6.45E-01	-8.40E-01	-1.00E-01	4.63E-01	1.58E+00	-1.15E-01	-48.50	2.26E-01	6.79E-01	
	-68.00	9.93E-07	8.93E-06	1.65E-06	-6.46E-05	-7.72E-06	3.56E-05	3.75E-05	-2.76E-05				
71	862.00	8.31E-02	2.91E-01	1.81E-01	-4.91E-01	1.46E-01	4.58E-01	6.89E-01	-3.14E-01	-50.99	8.31E-02	-4.91E-01	
	-18.00	-2.91E-06	5.11E-06	8.51E-07	-3.77E-05	1.12E-05	3.59E-05	2.04E-05	-1.82E-05				
72	1012.00	4.81E-02	1.77E-01	1.40E-01	-5.08E-01	3.33E-03	5.52E-01	6.24E-01	-3.99E-01	-48.61	4.81E-02	-5.08E-01	
	-18.00	-2.16E-06	2.80E-06	1.36E-06	-3.90E-05	2.56E-07	4.24E-05	2.00E-05	-1.94E-05				
73	1387.00	-8.71E-02	-4.56E-02	-3.23E-02	-7.95E-01	3.15E-02	1.02E+00	7.29E-01	-8.62E-01	-45.75	-8.71E-02	-7.95E-01	
	-303.00	-1.82E-06	7.12E-08	6.73E-07	-7.23E-05	2.86E-06	9.30E-05	3.53E-05	-3.70E-05				
74	1387.00	1.38E-02	1.28E-01	1.13E-01	-7.97E-01	6.31E-02	9.52E-01	8.70E-01	-7.28E-01	-47.05	1.38E-02	-7.97E-01	
	-213.00	-2.68E-06	2.52E-06	1.82E-06	-7.25E-05	5.73E-06	8.65E-05	3.63E-05	-3.64E-05				
75	1387.00	-5.22E-02	4.52E-02	1.37E-01	-5.73E-01	1.25E-01	6.93E-01	5.72E-01	-5.79E-01	-47.43	-5.22E-02	-5.73E-01	
	-138.00	-1.87E-06	3.47E-07	2.43E-06	-2.61E-05	5.67E-06	3.15E-05	1.23E-05	-1.38E-05				
76	1187.00	-1.62E-01	-8.44E-02	-4.62E-02	-1.05E+00	2.17E-01	1.45E+00	9.24E-01	-1.17E+00	-46.07	-1.62E-01	-1.05E+00	
	-68.00	-3.02E-06	-2.74E-08	1.44E-06	-8.05E-05	1.67E-05	1.11E-04	3.87E-05	-4.18E-05				
77	1387.00	8.39E-02	1.80E-01	2.68E-01	-3.37E-01	1.41E-01	3.11E-01	4.72E-01	-2.08E-01	-49.08	1.80E-01	3.37E-01	
	-88.00	-2.40E-06	1.31E-06	3.90E-06	-2.59E-05	1.09E-05	2.39E-05	1.25E-05	-1.36E-05				
78	1587.00	2.59E-01	2.69E-01	3.35E-01	-5.70E-01	-3.96E-02	6.70E-01	8.34E-01	-3.06E-01	-45.27	4.98E-02	5.28E-01	
	-68.00	4.59E-07	8.75E-07	3.41E-06	-4.39E-05	-3.04E-06	5.15E-05	2.26E-05	-2.13E-05				
79	1237.00	1.68E-01	1.56E-01	2.26E-01	-4.12E-01	1.28E-01	4.41E-01	5.74E-01	-2.50E-01	-44.57	1.68E-01	-4.12E-01	
	-18.00	4.21E-07	-4.99E-08	2.65E-06	-3.17E-05	9.86E-06	3.39E-05	1.60E-05	-1.57E-05				
80	1433.80	1.15E-01	-9.98E-03	1.79E-01	-4.59E-01	-1.66E-04	3.52E-01	5.15E-01	-4.16E-01	-41.11	1.15E-01	-4.59E-01	
	-8.00	1.31E-06	-3.51E-06	3.77E-06	-3.53E-05	-1.27E-08	2.70E-05	1.67E-05	-1.69E-05				
81	1533.80	2.17E-01	2.16E-02	2.30E-01	-2.14E-01	-7.23E-02	2.51E-01	3.55E-01	-1.16E-01	-32.70	2.16E-02	2.14E-01	
	-28.00	3.21E-06	-4.32E-06	3.68E-06	-1.64E-05	-5.56E-06	1.93E-05	8.49E-06	-9.60E-06				
82	1633.80	3.47E-01	1.65E-01	3.31E-01	-1.51E-01	-1.11E-01	1.57E-01	4.32E-01	8.03E-02	-29.46	8.86E-02	5.35E-02	
	-8.00	4.08E-06	-2.90E-06	3.46E-06	-1.16E-05	-8.55E-06	1.21E-05	7.35E-06	-6.18E-06				
83	1433.80	6.93E-01	3.31E-01	5.55E-01	-2.54E-01	3.08E-02	1.92E-01	8.24E-01	2.00E-01	-27.30	3.31E-01	2.54E-01	
	27.60	5.29E-06	-4.62E-06	4.01E-06	-1.96E-05	2.37E-06	1.48E-05	1.43E-05	-9.67E-06				
84	1296.10	2.64E-01	8.19E-02	2.46E-01	-2.29E-01	8.13E-02	5.36E-02	4.20E-01	-7.35E-02	-34.15	2.17E-01	2.43E-01	
	40.70	3.65E-06	-3.36E-06	2.96E-06	-1.76E-05	6.25E-06	4.13E-06	9.63E-06	-9.34E-06				
85	1148.60	1.03E-01	-1.04E-01	5.73E-02	-4.46E-01	3.15E-02	6.47E-01	4.57E-01	-4.58E-01	-38.46	-4.02E-01	-2.20E-01	
	57.33	3.35E-06	-4.62E-06	1.58E-06	-3.43E-05	2.42E-06	4.98E-05	1.70E-05	-1.82E-05				
86	1131.40	9.01E-01	4.55E-01	6.56E-01	-2.18E-01	7.23E-02	1.29E-01	9.90E-01	3.66E-01	-22.19	4.55E-01	2.18E-01	
	112.00	1.25E-05	-4.62E-06	3.13E-06	-1.68E-05	5.56E-06	9.92E-06	1.60E-05	-8.04E-06				
87	1018.80	2.64E-01	5.73E-01	4.00E-01	-3.57E-01	1.59E-01	1.26E-01	8.08E-01	2.91E-02	-56.71	5.73E-01	3.57E-01	
	34.67	-3.45E-06	8.46E-06	1.78E-06	-2.75E-05	1.22E-05	9.68E-06	1.75E-05	-1.25E-05				
88	886.60	1.87E-01	2.97E-01	2.30E-01	-3.86E-01	5.36E-02	3.50E-01	6.32E-01	-1.48E-01	-49.06	1.87E-01	-3.86E-01	
	46.00	-6.60E-07	3.57E-06	1.00E-06	-2.97E-05	4.13E-06	2.69E-05	1.65E-05	-1.35E-05				
89	865.80	2.67E-01	1.56E-01	2.39E-01	-3.32E-01	4.91E-02	3.45E-01	5.49E-01	-1.25E-01	-40.27	1.56E-01	3.32E-01	
	96.00	3.10E-06	-1.16E-06	1.64E-06	-2.56E-05	3.77E-06	2.65E-05	1.39E-05	-1.20E-05				
90	952.60	2.36E-01	-4.22E-02	1.32E-01	-3.47E-01	-5.38E-02	3.03E-01	4.71E-01	-2.77E-01	-34.07	-1.62E-01	2.70E-01	

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	128.00	5.50E-06	-5.21E-06	1.50E-06	-2.67E-05	-4.14E-06	2.33E-05	1.45E-05	-1.42E-05				
91	869.80	9.14E-02	-7.72E-02	4.57E-02	-2.86E-01	-3.61E-03	2.86E-01	3.05E-01	-2.91E-01	-36.77	9.16E-02	-2.86E-01	
	160.00	2.86E-06	-3.63E-06	1.10E-06	-2.20E-05	-2.78E-07	2.20E-05	1.11E-05	-1.18E-05				
92	869.80	7.65E-01	3.79E-01	5.20E-01	-2.65E-01	-4.76E-02	1.55E-01	9.03E-01	2.45E-01	-26.82	3.79E-01	2.65E-01	
	203.60	1.12E-05	-3.86E-06	1.91E-06	-2.04E-05	-3.66E-06	1.19E-05	1.63E-05	-9.01E-06				
93	598.67	-3.60E-01	3.00E-01	9.43E-03	-8.08E-01	3.44E-03	6.92E-01	8.43E-01	-9.03E-01	-56.10	3.00E-01	8.08E-01	
	16.00	-1.33E-05	1.21E-05	9.14E-07	-6.22E-05	2.64E-07	5.32E-05	3.30E-05	-3.42E-05				
94	645.75	4.30E-02	2.57E-01	1.51E-01	-5.31E-01	-2.26E-03	4.28E-01	6.91E-01	-3.91E-01	-50.71	4.30E-02	-5.31E-01	
	24.00	-3.30E-06	4.94E-06	8.39E-07	-4.08E-05	-1.73E-07	3.29E-05	2.16E-05	-2.00E-05				
95	613.10	-2.71E-01	-1.55E-01	-1.39E-01	-1.02E+00	9.12E-02	6.22E-01	8.10E-01	-1.24E+00	-46.63	-2.71E-01	-1.02E+00	
	69.33	-4.22E-06	2.50E-07	8.70E-07	-7.85E-05	7.01E-05	4.78E-05	3.73E-05	-4.13E-05				
96	708.45	8.60E-02	1.61E-01	1.24E-01	-4.17E-01	1.30E-03	3.93E-01	5.42E-01	-2.95E-01	-47.56	3.94E-01	3.19E-01	
	55.00	-7.67E-07	2.11E-06	6.96E-07	-3.20E-05	9.98E-08	3.02E-05	1.68E-05	-1.54E-05				
97	613.10	-4.70E-02	6.45E-04	1.21E-02	-4.25E-01	1.92E-01	1.84E-01	4.03E-01	-4.49E-01	-46.60	6.45E-04	4.25E-01	
	96.00	-1.43E-06	4.01E-07	8.41E-07	-3.27E-05	1.48E-05	1.41E-05	1.59E-05	-1.65E-05				
98	682.27	7.42E-02	1.69E-01	1.33E-01	-7.33E-01	8.05E-02	5.59E-01	8.67E-01	-6.04E-01	-47.24	-4.02E-01	5.07E-01	
	112.00	-1.50E-06	2.91E-06	7.56E-07	-5.64E-05	6.19E-06	4.30E-05	2.90E-05	-2.76E-05				
99	751.43	7.79E-01	5.92E-01	5.78E-01	-5.59E-01	-1.42E-01	6.60E-01	1.25E+00	1.19E-01	-40.24	5.92E-01	5.59E-01	
	96.00	8.56E-06	1.34E-06	8.07E-07	-4.30E-05	-1.09E-05	5.08E-05	2.67E-05	-1.68E-05				
100	683.25	1.48E-01	2.44E-01	1.74E-01	-2.18E-01	6.66E-02	1.26E-01	4.19E-01	-2.70E-02	-51.17	1.48E-01	-2.18E-01	
	152.00	-5.15E-07	3.15E-06	4.75E-07	-1.68E-05	5.12E-06	9.73E-06	9.89E-06	-7.26E-06				
101	648.67	4.36E-01	2.69E-01	3.24E-01	-2.63E-01	9.44E-02	2.07E-01	6.29E-01	7.65E-02	-36.19	2.69E-01	2.63E-01	
	192.00	5.48E-06	-9.59E-07	1.15E-06	-2.02E-05	7.26E-06	1.59E-05	1.29E-05	-8.36E-06				
102	725.25	1.93E-01	8.36E-02	1.40E-01	-1.35E-01	4.83E-02	7.06E-02	2.84E-01	-7.83E-03	-34.02	1.63E-01	1.44E-01	
	232.70	2.84E-06	-1.36E-06	8.06E-07	-1.04E-05	3.71E-06	5.43E-06	6.30E-06	-4.88E-06				
103	635.50	-2.16E-02	-1.19E-01	-6.64E-02	-9.75E-02	5.39E-02	1.90E-01	3.87E-02	-1.75E-01	-31.74	-2.16E-02	-9.75E-02	
	256.00	1.44E-06	-2.30E-06	-2.81E-07	-7.50E-06	4.15E-06	1.46E-05	3.76E-06	-4.62E-06				
104	635.50	3.83E-01	2.27E-01	2.79E-01	-1.01E-01	1.16E-01	3.39E-02	4.32E-01	1.77E-01	-26.12	2.27E-01	1.01E-01	
	290.67	4.96E-06	-1.04E-06	9.61E-07	-7.75E-06	8.92E-06	2.60E-06	6.86E-06	-2.94E-06				
105	569.00	-9.09E-02	4.07E-01	1.86E-01	-7.60E-01	-8.95E-02	6.34E-01	9.58E-01	-6.41E-01	-54.08	-9.09E-02	-7.60E-01	
	16.50	-9.02E-06	1.01E-05	1.64E-06	-5.84E-05	-6.89E-06	4.88E-05	3.13E-05	-3.02E-05				
106	508.50	-2.33E+00	-1.43E+00	-1.43E+00	-7.13E-01	-2.87E-01	2.23E-01	-1.04E+00	-2.73E+00	-61.11	-1.43E+00	7.13E-01	
	13.00	-3.27E-05	1.92E-06	2.21E-06	-5.49E-05	-2.21E-05	1.71E-05	1.71E-05	-4.78E-05				
107	521.00	-4.79E-01	-4.80E-02	-9.22E-02	-9.08E-01	-1.08E-01	4.12E-01	5.73E-01	-1.10E+00	-52.46	-4.79E-01	-8.08E-01	
	15.75	-1.16E-05	4.95E-06	3.25E-06	-6.22E-05	-8.27E-06	3.17E-05	2.88E-05	-3.55E-05				
108	526.25	-3.92E-01	-3.99E-03	-5.66E-02	-8.93E-01	-7.65E-02	4.17E-01	7.16E-01	-1.11E+00	-51.13	-3.92E-01	-8.93E-01	
	21.00	-1.01E-05	4.82E-06	2.80E-06	-6.87E-05	-5.88E-06	3.20E-05	3.25E-05	-3.78E-05				
109	515.50	-1.50E+00	-8.77E-01	-8.96E-01	-1.16E+00	-1.16E-01	2.28E-01	1.15E-02	-2.39E+00	-52.52	-8.77E-01	1.16E+00	
	26.00	-2.17E-05	2.24E-06	1.49E-06	-8.91E-05	-8.91E-06	1.75E-05	3.64E-05	-5.59E-05				
110	531.50	-1.23E-01	8.54E-02	5.05E-02	-7.00E-01	-3.23E-02	3.24E-01	6.89E-01	-7.27E-01	-49.24	-1.23E-01	-7.00E-01	
	34.50	-4.88E-06	3.15E-06	1.80E-06	-5.39E-05	-2.49E-06	2.49E-05	2.64E-05	-2.81E-05				
111	515.50	2.42E-01	5.40E-01	3.90E-01	-2.24E+00	-3.90E-03	7.43E-01	2.64E+00	-1.86E+00	-46.90	2.42E-01	-2.24E+00	
	44.00	-3.58E-06	7.89E-06	2.13E-06	-1.73E-04	-3.00E-07	5.71E-05	8.87E-05	-8.44E-05				
112	515.50	-1.81E-01	-3.69E-02	-4.95E-02	-5.00E-01	2.11E-02	1.74E-01	3.96E-01	-6.14E-01	-49.10	-3.69E-02	5.00E-01	
	53.33	-4.02E-06	1.52E-06	1.03E-06	-3.84E-05	1.62E-06	1.34E-05	1.82E-05	-2.07E-05				
113	547.50	6.81E-01	6.90E-01	5.84E-01	-6.53E-01	-3.22E-02	2.21E-01	1.34E+00	3.22E-02	-45.20	4.78E-01	6.19E-01	
	64.00	4.70E-06	5.06E-06	9.74E-07	-5.02E-05	-2.48E-06	1.70E-05	3.00E-05	-2.02E-05				
114	515.50	5.98E-01	8.38E-01	5.98E-01	-9.66E-01	-1.60E-02	4.90E-01	1.69E+00	-2.56E-01	-48.55	5.98E-01	-9.66E-01	
	74.67	6.45E-07	9.89E-06	6.36E-07	-7.43E-05	-1.23E-06	3.77E-05	4.27E-05	-3.22E-05				
115	515.50	7.67E-01	5.58E-01	5.41E-01	-3.13E-01	-7.76E-02	1.54E-01	9.93E-01	3.33E-01	-35.80	5.58E-01	3.13E-01	
	88.00	8.99E-06	9.76E-07	2.84E-07	-2.41E-05	-5.97E-06	1.18E-05	1.77E-05	-7.71E-06				
116	547.50	8.30E-01	4.87E-01	5.37E-01	-7.89E-01	-9.12E-02	5.08E-01	1.47E+00	-1.45E-01	-38.87	1.36E-01	6.16E-01	
	104.00	1.16E-05	-1.64E-06	2.68E-07	-6.07E-05	-7.01E-06	3.91E-05	3.60E-05	-2.61E-05				
117	515.50	4.03E-01	5.58E-01	3.73E-01	-7.09E-01	1.08E-02	5.09E-01	1.19E+00	-2.32E-01	-48.11	4.03E-01	-7.09E-01	
	120.00	8.49E-07	6.79E-06	-3.13E-07	-5.45E-05	8.31E-07	3.92E-05	3.12E-05	-2.36E-05				
118	515.50	7.01E-01	4.96E-01	4.66E-01	-2.72E-01	-2.08E-02	1.33E-01	8.89E-01	3.08E-01	-34.66	4.96E-01	2.72E-01	
	136.00	8.68E-06	7.95E-07	-3.46E-07	-2.09E-05	-1.60E-06	1.02E-05	1.59E-05	-6.43E-06				
119	547.50	6.33E-01	2.77E-01	3.52E-01	-6.59E-01	-5.40E-02	5.03E-01	1.14E+00	-2.28E-01	-37.44	-1.28E-02	4.98E-01	
	152.00	1.05E-05	-3.22E-06	-3.26E-07	-5.07E-05	-4.15E-06	3.87E-05	2.99E-05	-2.26E-05				
120	515.50	2.90E-01	3.60E-01	2.20E-01	-5.63E-01	5.64E-02	5.66E-01	8.89E-01	-2.39E-01	-46.78	2.90E-01	-5.63E-01	
	168.00	1.59E-06	4.28E-06	-1.09E-06	-4.33E-05	4.34E-06	4.36E-05	2.46E-05	-1.88E-05				
121	515.50	7.43E-01	5.10E-01	4.85E-01	-2.20E-01	9.40E-02	1.04E-01	8.76E-01	3.77E-01	-31.01	5.10E-01	2.20E-01	
	184.00	[illegible].49E-06	5.02E-07	-4.41E-07	-1.69E-05	7.23E-06	[illegible]4E-06	1.46E-05	-4.58E-06				
122	547.[illegible]	[illegible].58E-01	2.33E-01	3.01E-01	-6.10E-01	1.12E-02	[illegible]-01	1.03E+00	-2.36E-01	-37.55	-3.52E-02	4.6[illegible]	

	200.00	.46E-06	-3.04E-06	-4.15E-07	-4.70E-05	8.63E-07	[illegible]E-05	2.75E-05	-2.11E-05				
123	515.50	1.75E-02	5.57E-02	-3.00E-02	-4.06E-01	1.20E-01	[illegible]7E-01	4.45E-01	-3.66E-01	-46.49	1.75E-02	-4.06E[illegible]	
	216.00	1.54E-07	1.78E-06	-1.67E-06	-3.12E-05	9.20E-06	5.13E-05	1.66E-05	-1.47E-05				
124	515.50	1.65E-01	1.30E-01	1.07E-01	-8.77E-02	2.70E-01	6.64E-02	2.35E-01	5.95E-02	-36.70	1.30E-01	8.77E-02	
	232.00	2.04E-06	5.34E-07	-3.46E-07	-6.75E-06	2.07E-05	5.11E-06	4.74E-06	-2.17E-06				
125	547.50	3.91E-01	4.11E-01	3.05E-01	-1.40E-01	1.08E-01	-1.48E-01	5.37E-01	2.55E-01	-48.05	3.43E-01	1.31E-01	
	248.00	2.60E-06	3.76E-06	-3.26E-07	-1.08E-05	8.33E-06	-1.14E-05	8.61E-06	-2.25E-06				
126	515.50	1.28E-01	1.82E-01	6.32E-02	-8.05E-02	8.17E-02	4.09E-01	2.40E-01	6.97E-02	-54.23	1.28E-01	-8.05E-02	
	264.00	8.20E-07	2.89E-06	-1.66E-06	-6.19E-06	6.28E-06	3.15E-05	5.12E-06	-1.41E-06				
127	515.50	2.17E-01	1.51E-01	1.27E-01	-2.56E-02	1.77E-01	2.99E-02	2.26E-01	1.42E-01	-18.95	1.51E-01	2.56E-02	
	276.00	2.90E-06	3.69E-07	-5.45E-07	-1.97E-06	1.36E-05	2.30E-06	3.24E-06	3.11E-08				
128	531.50	1.53E-02	-2.67E-02	-3.65E-02	-2.61E-02	6.92E-02	2.19E-02	2.79E-02	-3.92E-02	-25.59	1.53E-02	-2.61E-02	
	297.00	1.12E-06	-5.02E-07	-8.77E-07	-2.01E-06	5.32E-06	1.69E-06	1.60E-06	-9.84E-07				
129	515.50	-1.50E-02	-4.29E-02	-7.35E-02	1.57E-02	7.98E-02	3.45E-01	-7.98E-03	-5.00E-02	24.23	-1.50E-02	1.57E-02	
	320.00	8.66E-07	-2.05E-07	-1.38E-06	1.21E-06	6.14E-06	2.66E-05	1.14E-06	-4.77E-07				
183	565.50	-9.51E-02	3.03E-01	1.91E-01	-1.18E+00	-1.21E-01	1.00E+00	1.35E+00	-1.06E+00	-50.74	-9.51E-02	-1.18E+00	
	-8.00	-8.92E-06	9.47E-06	2.08E-06	-9.06E-05	-9.31E-06	7.70E-05	4.65E-05	-4.60E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .2700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3431E+02	.2099E+03	.1440E+03	-.1374E+02	-.2750E+02	.1970E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1107E+01	-.1266E+00	.1860E+00	-.1501E+02	.7495E+01	.1089E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7305E-01	-.1288E+00	.1982E+00	-.2480E+02	.1469E+02	.2061E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2218E-01	-.6532E-01	.1502E+00	-.3473E+02	.2391E+02	.2989E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7161E+00	-.2323E+00	.1642E+00	-.4396E+02	.3238E+02	.4019E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2249E+01	.4175E+00	.6428E-01	-.5508E+02	.4225E+02	.5208E+02
25	-.3826E+01	-.5833E+00	.8791E-01	-.6710E+02	.4686E+02	.6336E+02
26	-.1270E+02	-.2280E+01	.2492E+00	-.7417E+02	.4942E+02	.7157E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3006E+02	.4662E+01	-.1240E+00	-.7780E+02	.6897E+02	.7823E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.3157E+02	-.1860E+02	.9003E+01	-.1004E+03	.1943E+03	.1195E+03
40	-.1199E+03	-.3081E+02	.8342E+01	-.9773E+02	.1914E+03	.1108E+03

41	-.1071E+03	-.3554E+02	.4163E+01	-.9782E+02	.1732E+03	.5721E+02
42	-.7994E+02	-.1313E+02	-.5042E-01	-.7659E+02	.1208E+03	.6535E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9004E+03	.1268E+03	.5794E+01	-.2938E+02	.2047E+03	-.4435E+02
48	.7919E+03	.1105E+03	.6103E+01	-.1722E+02	.1932E+03	-.3283E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.7686E+03	.1170E+03	.3614E+01	.7681E+02	.1514E+03	-.1722E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3653E+01	.3858E+01	.1070E+01	-.1882E+02	.2028E+03	-.4090E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.5223E+03	.7931E+02	.3555E+01	.5839E+02	.1228E+03	-.1653E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3619E+03	.5518E+02	.4756E+01	.5417E+02	.1151E+03	-.1610E+03
66	.1096E+03	.1719E+02	.5935E+01	.5992E+02	.9741E+02	-.1682E+03
67	-.2794E+03	-.4130E+02	.5811E+01	.5753E+02	.7860E+02	-.1690E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.4990E+03	-.7431E+02	.4768E+01	.3926E+02	.6370E+02	-.1497E+03
76	.5520E+02	.8658E+01	.2958E+01	.3714E+02	.4459E+02	-.1459E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2027E+03	-.3022E+02	.1939E+01	.2883E+02	.2258E+02	-.1429E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.9116E+02	.1375E+02	.1234E+01	.1975E+02	.1084E+02	-.1348E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.1144E+03	-.1725E+02	.1060E+01	.197[illegible]E+02	-.6006E+01	-.1264E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00

	.9267E+02	.1373E+02	.9235E+00	[illegible]02	-.1482E+02	-.1167E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1013E+03	-.1549E+02	.9543E+00	.1316E+02	-.2931E+02	-.1036E+03
109	.6194E+02	.8913E+01	.6688E+00	.8026E+01	-.3728E+02	-.9035E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.5045E+02	-.1253E+02	.6217E+00	.9508E+01	-.4649E+02	-.7190E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7757E+01	-.1658E+01	-.1034E+00	.3470E+01	-.4956E+02	-.5384E+02
115	-.2675E+02	-.4459E+01	-.3186E+00	.3618E+01	-.4795E+02	-.3796E+02
116	.1267E+02	.1381E+01	-.3365E+00	.2052E+01	-.4827E+02	-.2403E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1239E+02	-.2399E+01	-.3742E+00	.4141E+01	-.4835E+02	-.2506E+02
119	-.1093E+02	-.2138E+01	-.4003E+00	.3769E+01	-.4465E+02	-.9124E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.3602E+02	-.4830E+01	-.1856E+01	.2151E+01	-.4017E+02	-.1293E+01
122	-.2692E+02	-.2136E+01	-.3646E+01	.1121E+01	-.3819E+02	-.5637E+01
123	-.1965E+02	-.1304E+01	-.3491E+01	.1490E+01	-.3329E+02	-.5122E+01
124	-.1343E+02	-.7866E+00	-.2437E+01	.1718E+01	-.2732E+02	-.4708E+01
125	-.8552E+01	-.3392E+00	-.1821E+01	.1897E+01	-.2248E+02	-.4316E+01
126	-.2396E+01	.6150E+00	-.1687E+01	.2127E+01	-.1877E+02	-.3895E+01
127	.1866E+01	.1326E+01	-.1720E+01	.2228E+01	-.1590E+02	-.3362E+01
128	.6417E+01	.1931E+01	-.1693E+01	.2564E+01	-.1005E+02	-.2757E+01
129	.6408E+01	.1659E+01	-.1498E+01	.2602E+01	-.5395E+01	-.2198E+01
130	.4335E+01	.9975E+00	-.1181E+01	.2422E+01	-.2039E+01	-.1793E+01
131	.1201E+01	.1915E+00	-.9059E+00	.2042E+01	-.2970E+00	-.1505E+01
132	-.4498E-01	-.7686E-01	-.6892E+00	.1526E+01	-.5398E+00	-.1289E+01
133	-.3066E+00	-.9031E-01	-.6170E+00	.1146E+01	-.9175E+00	-.1080E+01
134	-.7259E-01	-.2197E-01	-.6076E+00	.8820E+00	-.8360E+00	-.8522E+00
135	.1232E-01	-.2701E-03	-.6776E+00	.6553E+00	-.5878E+00	-.6300E+00
136	-.1800E-01	-.6593E-02	-.9069E+00	.4401E+00	-.3905E+00	-.4201E+00
137	.2038E-01	.6762E-02	-.1457E+01	.2601E+00	-.1700E+00	-.2278E+00
138	-.2884E-01	-.3406E-01	-.2704E+02	.1128E+00	.2793E-01	-.1001E+00
139	-.2247E-01	-.3638E-01	.1610E+02	.2410E-01	-.1215E-01	.1492E-02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.15648E-01	-.74424E-04	.15682E-01	.00000E+00
3	-.28210E-01	-.29364E-03	.28200E-01	.00000E+00
4	-.30445E-01	-.30790E-03	.30354E-01	.00000E+00
5	-.32667E-01	.29117E-04	.32679E-01	.00000E+00
6	-.36445E-01	-.57950E-05	.36440E-01	-.11195E-04
7	-.33783E-01	-.79109E-03	.34195E-01	.00000E+00
8	-.36538E-01	-.60911E-03	.36649E-01	-.22651E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.15494E-01	-.23351E-03	.15607E-01	.00000E+00
11	-.28279E-01	-.50989E-03	.28650E-01	.00000E+00
12	-.31319E-01	-.61382E-03	.31779E-01	.00000E+00
13	-.33762E-01	-.49487E-03	.33990E-01	.00000E+00
14	-.36725E-01	-.70809E-03	.37211E-01	-.61408E-05
15	-.34095E-01	-.13451E-02	.35552E-01	.00000E+00
16	-.37013E-01	-.11120E-02	.38134E-01	.12577E-07
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.15567E-01	-.42131E-03	.16142E-01	.00000E+00
19	-.28698E-01	-.86387E-03	.29903E-01	.00000E+00
20	-.31849E-01	-.10737E-02	.33314E-01	.00000E+00
21	-.34451E-01	-.83535E-03	.35764E-01	.00000E+00
22	-.37401E-01	-.10297E-02	.39426E-01	-.47499E-05
23	-.35209E-01	-.21688E-02	.38380E-01	.00000E+00
24	-.37899E-01	-.19316E-02	.41124E-01	-.16162E-04

25	-.35252E-01	-.23764E-02	.42221E-01	-.17851E-05
26	-.38451E-01	-.23701E-02	.42873E-01	-.34463E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.15376E-01	-.82337E-03	.16437E-01	.00000E+00
29	-.29035E-01	-.16744E-02	.30940E-01	.00000E+00
30	-.32414E-01	-.20162E-02	.35009E-01	.00000E+00
31	-.35507E-01	-.23370E-02	.38830E-01	.00000E+00
32	-.38673E-01	-.27550E-02	.43596E-01	-.44145E-04
33	-.35344E-01	-.32109E-02	.38770E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.15160E-01	-.11116E-02	.16367E-01	.00000E+00
36	-.29082E-01	-.20379E-02	.30977E-01	.00000E+00
37	-.32666E-01	-.23517E-02	.34777E-01	.00000E+00
38	-.36284E-01	-.30443E-02	.40095E-01	.00000E+00
39	-.39132E-01	-.38860E-02	.44856E-01	.18271E-04
40	-.39063E-01	-.39010E-02	.44566E-01	-.10711E-04
41	-.38397E-01	-.36965E-02	.44296E-01	-.26842E-04
42	-.38860E-01	-.32765E-02	.43984E-01	-.40310E-04
43	-.31882E-01	-.29341E-02	.33361E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.13675E-01	-.35772E-03	.14420E-01	.00000E+00
46	-.28441E-01	-.19886E-02	.28944E-01	.00000E+00
47	-.39164E-01	-.37372E-02	.44963E-01	.18247E-04
48	-.39155E-01	-.38141E-02	.44952E-01	.26019E-04
49	-.36218E-01	-.31047E-02	.39732E-01	.00000E+00
50	-.39496E-01	-.38236E-02	.45095E-01	.83132E-04
51	-.36226E-01	-.33284E-02	.38379E-01	.00000E+00
52	-.40630E-01	-.34791E-02	.41964E-01	.00000E+00
53	-.39188E-01	-.36110E-02	.45003E-01	.66711E-05
54	-.31505E-01	-.21174E-02	.30621E-01	.00000E+00
55	-.35389E-01	-.27528E-02	.33552E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.11530E-01	-.14195E-02	.98250E-02	.00000E+00
58	-.24724E-01	-.11233E-02	.18412E-01	.00000E+00
59	-.41151E-01	-.28276E-02	.38940E-01	.00000E+00
60	-.40623E-01	-.33205E-02	.40507E-01	.00000E+00
61	-.39820E-01	-.38330E-02	.45190E-01	.12994E-03
62	-.29221E-01	-.11298E-02	.22227E-01	.00000E+00
63	-.33907E-01	-.12951E-02	.27799E-01	.00000E+00
64	-.41457E-01	-.34752E-02	.42510E-01	.00000E+00
65	-.40261E-01	-.38419E-02	.45279E-01	.16238E-03
66	-.41361E-01	-.38572E-02	.45456E-01	.19838E-03
67	-.42553E-01	-.38709E-02	.45651E-01	.18990E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.88816E-02	.41050E-04	.51901E-02	.00000E+00
70	-.25722E-01	-.51209E-03	.16770E-01	.00000E+00
71	-.39457E-01	-.13766E-02	.31358E-01	.00000E+00
72	-.42521E-01	-.33611E-02	.42446E-01	.00000E+00
73	-.31618E-01	-.66961E-03	.17793E-01	.00000E+00
74	-.45116E-01	-.34568E-02	.44313E-01	.00000E+00
75	-.43872E-01	-.38821E-02	.45818E-01	.14561E-03
76	-.44960E-01	-.39453E-02	.46175E-01	.10325E-03
77	-.36765E-01	-.56957E-03	.23361E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.30424E-01	-.48529E-03	.61663E-02	.00000E+00
80	-.24066E-01	.26135E-04	.13126E-01	.00000E+00
81	-.26547E-01	.69560E-04	.13834E-01	.00000E+00
82	-.30062E-01	.12094E-03	.18654E-01	.00000E+00
83	-.44015E-01	-.13613E-02	.34514E-01	.00000E+00
84	-.40466E-01	-.37313E-03	.26136E-01	.00000E+00
85	-.46540E-01	-.39346E-02	.46583E-01	.83100E-04
86	-.46760E-01	-.35268E-02	.45807E-01	.00000E+00
	-.36485E-01	-.12145E-03	.20322E-01	.00000E+00
	-.46503E-01	-.28106E-02	.40520E-01	.00000E+00

	-.47642E-01	-.40555E-02	.47012E-01	.67174E-04
	-.26261E-01	.23354E-03	.25199E-02	.00000E+00
91	-.28515E-01	.43342E-03	.42553E-02	.00000E+00
92	-.30943E-01	.43107E-04	.51467E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.10856E-01	.00000E+00	-.67978E-05	.00000E+00
95	-.20284E-01	.00000E+00	.50157E-04	.00000E+00
96	-.23502E-01	.00000E+00	.66592E-03	.00000E+00
97	-.24417E-01	.00000E+00	-.38086E-03	.00000E+00
98	-.23754E-01	.00000E+00	-.81465E-03	.00000E+00
99	-.26612E-01	.13582E-04	.18525E-03	.00000E+00
100	-.34961E-01	-.89290E-04	.10303E-01	.00000E+00
101	-.43558E-01	-.11191E-02	.25594E-01	.00000E+00
102	-.49332E-01	-.41615E-02	.47592E-01	.60015E-04
103	-.46096E-01	-.17751E-02	.34898E-01	.00000E+00
104	-.49936E-01	-.39300E-02	.47328E-01	.00000E+00
105	-.50508E-01	-.42217E-02	.48096E-01	.50677E-04
106	-.48516E-01	-.21586E-02	.39540E-01	.00000E+00
107	-.51756E-01	-.41058E-02	.47669E-01	.00000E+00
108	-.51822E-01	-.42832E-02	.48535E-01	.49252E-04
109	-.52789E-01	-.43279E-02	.48901E-01	.41239E-04
110	-.51700E-01	-.38936E-02	.41809E-01	.00000E+00
111	-.53889E-01	-.46154E-02	.48748E-01	.00000E+00
112	-.53825E-01	-.43756E-02	.49166E-01	.36793E-04
113	-.53395E-01	-.36245E-02	.44500E-01	.00000E+00
114	-.54398E-01	-.43531E-02	.49362E-01	.12562E-04
115	-.54533E-01	-.43583E-02	.49453E-01	.14074E-05
116	-.54478E-01	-.42951E-02	.49450E-01	-.83720E-05
117	-.54179E-01	-.48245E-02	.49993E-01	.00000E+00
118	-.54328E-01	-.42851E-02	.49433E-01	-.16355E-04
119	-.53903E-01	-.42585E-02	.49366E-01	-.25686E-04
120	-.54721E-01	-.44502E-02	.49770E-01	.00000E+00
121	-.53129E-01	-.41953E-02	.49223E-01	-.41019E-04
122	-.53046E-01	-.38469E-02	.49284E-01	-.48523E-04
123	-.52922E-01	-.35348E-02	.49325E-01	-.54503E-04
124	-.52782E-01	-.31339E-02	.49367E-01	-.61410E-04
125	-.52596E-01	-.27966E-02	.49407E-01	-.69651E-04
126	-.52235E-01	-.20300E-02	.49474E-01	-.79233E-04
127	-.51849E-01	-.12216E-02	.49537E-01	-.80532E-04
128	-.51109E-01	.42991E-03	.49665E-01	-.66366E-04
129	-.50592E-01	.16600E-02	.49781E-01	-.44831E-04
130	-.50275E-01	.24932E-02	.49907E-01	-.19654E-04
131	-.50232E-01	.26490E-02	.50099E-01	.74298E-05
132	-.50409E-01	.20997E-02	.50270E-01	.14291E-04
133	-.50566E-01	.15354E-02	.50420E-01	.10776E-04
134	-.50655E-01	.11503E-02	.50543E-01	.74075E-05
135	-.50709E-01	.86559E-03	.50643E-01	.61091E-05
136	-.50746E-01	.59365E-03	.50716E-01	.62538E-05
137	-.50768E-01	.33662E-03	.50760E-01	.61412E-05
138	-.50784E-01	.52570E-04	.50784E-01	.67668E-05
139	-.50784E-01	.64376E-05	.50784E-01	.64716E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.89E-02	-6.50E-02	-1.94E-02	-1.91E+00	-8.47E-03	1.92E+00	1.87E+00	-1.95E+00	-44.62	-1.89E-02	-1.91E+00
	-303.00	5.34E-07	-1.74E-06	5.12E-07	-1.74E-04	-7.70E-07	1.75E-04	8.62E-05	-8.74E-05			
2	72.00	-2.10E-02	-8.81E-02	9.88E-03	-1.56E+00	-4.79E-03	1.60E+00	1.51E+00	-1.62E+00	-44.39	-2.10E-02	-1.56E+00
	-213.00	3.32E-07	-2.71E-06	1.74E-06	-1.42E-04	-4.36E-07	1.46E-04	6.95E-05	-7.23E-05			
3	72.00	-2.01E-01	-1.05E-01	5.15E-02	-1.01E+00	8.81E-02	1.10E+00	8.54E-01	-1.16E+00	-46.37	-2.01E-01	-1.01E+00

	-138.00	-3.24E-06	-1.04E-06	2.50E-06	-4.57E-05	4.00E-06	5.00E-05	2.07E-05	-2.50E-05				
4	24.00	-1.24E+00	-7.55E-01	-9.24E-01	-1.83E+00	2.23E-01	2.01E+00	8.53E-01	-2.85E+00	-48.77	-1.24E+00	-1.83E+00	
	-68.00	-1.55E-05	3.18E-06	-3.79E-06	-1.41E-04	2.49E-05	1.54E-04	6.50E-05	-7.73E-05				
5	72.00	4.96E-01	2.56E-01	5.33E-01	-8.41E-01	-4.38E-02	6.97E-01	1.23E+00	-4.74E-01	-40.94	2.56E-01	8.41E-01	
	-88.00	4.96E-06	-4.28E-06	6.38E-06	-6.47E-05	-3.37E-06	6.90E-05	3.30E-05	-3.24E-05				
6	120.00	2.89E-01	3.16E-01	3.02E-01	-1.54E+00	-8.67E-02	1.55E+00	1.84E+00	-1.24E+00	-45.25	-1.21E+00	2.91E-01	
	-68.00	2.84E-07	1.31E-06	3.83E-06	-1.18E-04	-6.67E-06	1.19E-04	6.00E-05	-5.84E-05				
7	36.25	-3.97E-01	-1.43E-01	-9.23E-02	-8.61E-01	1.09E-01	8.19E-01	6.00E-01	-1.14E+00	-49.20	-3.67E-01	-8.64E-01	
	-19.00	-8.43E-06	1.35E-06	3.66E-06	-6.62E-05	8.37E-06	6.30E-05	2.99E-05	-3.70E-05				
8	108.00	4.50E-02	6.80E-02	1.49E-01	-6.23E-01	-4.98E-03	7.14E-01	6.80E-01	-5.67E-01	-45.53	4.50E-02	-6.23E-01	
	-19.00	-1.15E-06	-2.69E-07	2.86E-06	-4.79E-05	-3.83E-07	5.50E-05	2.33E-05	-2.47E-05				
9	216.00	-1.43E-01	-2.18E-01	-1.20E-01	-1.91E+00	1.16E-02	1.95E+00	1.72E+00	-2.09E+00	-44.44	-1.43E-01	-1.91E+00	
	-303.00	-2.54E-07	-3.67E-06	7.96E-07	-1.73E-04	1.06E-06	1.77E-04	8.47E-05	-8.86E-05				
10	216.00	-1.72E-01	-2.21E-01	-7.64E-02	-1.60E+00	3.94E-02	1.66E+00	1.41E+00	-1.80E+00	-44.56	-1.72E-01	-1.60E+00	
	-213.00	-1.71E-06	-3.96E-06	2.62E-06	-1.46E-04	3.59E-06	1.51E-04	7.01E-05	-7.58E-05				
11	216.00	-2.09E-01	-1.81E-01	1.15E-01	-1.20E+00	1.24E-01	1.28E+00	1.00E+00	-1.35E+00	-45.33	-2.09E-01	-1.20E+00	
	-138.00	-3.30E-06	-2.67E-06	4.05E-06	-5.44E-05	5.63E-06	5.80E-05	2.42E-05	-3.02E-05				
12	168.00	-6.30E-01	-7.16E-01	-4.39E-01	-1.81E+00	2.46E-01	1.82E+00	1.14E+00	-2.49E+00	-44.32	-6.30E-01	-1.81E+00	
	-68.00	-4.61E-06	-7.92E-06	2.73E-06	-1.39E-04	1.90E-05	1.40E-04	6.35E-05	-7.60E-05				
13	216.00	6.42E-01	2.52E-01	6.04E-01	-7.87E-01	-1.30E-02	7.92E-01	1.26E+00	-3.65E-01	-38.04	2.52E-01	7.87E-01	
	-88.00	8.23E-06	-6.78E-06	6.78E-06	-6.06E-05	-9.98E-07	6.09E-05	3.19E-05	-3.05E-05				
14	264.00	8.04E-02	2.98E-01	3.53E-01	-1.52E+00	-3.39E-02	1.60E+00	1.72E+00	-1.34E+00	-47.05	-1.29E+00	3.81E-01	
	-68.00	-4.95E-06	3.42E-06	5.55E-06	-1.17E-04	-2.61E-06	1.23E-04	5.79E-05	-5.94E-05				
15	180.00	-1.21E-01	-2.00E-02	1.10E-01	-7.79E-01	1.65E-01	7.18E-01	7.10E-01	-8.51E-01	-46.85	-1.21E-01	-7.79E-01	
	-19.00	-4.31E-06	-4.32E-07	4.57E-06	-5.99E-05	1.27E-05	5.52E-05	2.76E-05	-3.24E-05				
16	252.00	-1.12E-01	1.54E-02	1.75E-01	-5.98E-01	5.94E-02	7.56E-01	5.53E-01	-6.50E-01	-48.04	-1.12E-01	-5.98E-01	
	-19.00	-5.17E-06	-2.69E-07	5.87E-06	-4.60E-05	4.57E-06	5.82E-05	2.04E-05	-2.58E-05				
17	361.00	-2.12E-01	-3.80E-01	-2.02E-01	-1.91E+00	-1.33E-03	2.00E+00	1.61E+00	-2.20E+00	-43.75	-2.12E-01	-1.91E+00	
	-303.00	6.55E-07	-6.94E-06	1.13E-06	-1.73E-04	-1.21E-07	1.82E-04	8.36E-05	-8.99E-05				
18	361.00	-2.08E-01	-3.57E-01	-1.25E-01	-1.68E+00	1.40E-02	1.76E+00	1.40E+00	-1.97E+00	-43.73	-2.08E-01	-1.68E+00	
	-213.00	-4.98E-07	-7.27E-06	3.29E-06	-1.53E-04	1.28E-06	1.60E-04	7.27E-05	-8.05E-05				
19	361.00	-2.20E-01	-2.79E-01	1.34E-01	-1.33E+00	9.66E-02	1.46E+00	1.08E+00	-1.58E+00	-44.36	-2.20E-01	-1.33E+00	
	-138.00	-3.09E-06	-4.43E-06	4.97E-06	-6.05E-05	4.39E-06	6.62E-05	2.65E-05	-3.40E-05				
20	312.00	-1.11E+00	-1.11E+00	-7.16E-01	-2.10E+00	4.11E-01	2.20E+00	9.87E-01	-3.20E+00	-45.04	-1.11E+00	-2.10E+00	
	-68.00	-1.05E-05	-1.03E-05	4.70E-06	-1.61E-04	3.16E-05	1.70E-04	7.02E-05	-9.10E-05				
21	360.67	1.05E+00	6.54E-01	9.45E-01	-1.06E+00	-9.19E-02	1.17E+00	1.93E+00	-2.24E-01	-39.65	6.54E-01	1.06E+00	
	-88.00	1.14E-05	-4.01E-06	7.20E-06	-8.15E-05	-7.07E-06	8.99E-05	4.52E-05	-3.78E-05				
22	409.33	-7.08E-01	-9.65E-01	-4.38E-01	-1.98E+00	-3.41E-03	2.45E+00	1.15E+00	-2.82E+00	-43.15	-2.80E+00	2.84E-01	
	-68.00	-4.04E-06	-1.39E-05	6.34E-06	-1.52E-04	-2.62E-07	1.88E-04	6.73E-05	-8.52E-05				
23	324.00	-2.92E-01	-6.72E-02	1.30E-01	-8.39E-01	2.92E-01	7.78E-01	6.66E-01	-1.03E+00	-48.82	-2.92E-01	-8.39E-01	
	-19.00	-8.71E-06	-6.15E-08	7.51E-06	-6.45E-05	2.24E-05	5.99E-05	2.82E-05	-3.69E-05				
24	372.00	-1.73E-01	1.57E-01	3.04E-01	-2.03E+00	2.86E-01	2.17E+00	2.03E+00	-2.05E+00	-47.32	-1.73E-01	-2.03E+00	
	-9.33	-9.82E-06	2.88E-06	8.53E-06	-1.56E-04	2.20E-05	1.67E-04	7.49E-05	-8.19E-05				
25	401.25	-1.09E-01	1.34E-02	2.99E-01	-6.82E-01	8.77E-02	9.28E-01	6.37E-01	-7.32E-01	-47.56	5.36E-01	-3.57E-01	
	-19.00	-6.43E-06	-1.73E-06	9.27E-06	-5.24E-05	6.75E-06	7.14E-05	2.22E-05	-3.04E-05				
26	427.67	-1.21E+00	-1.28E+00	-7.15E-01	-2.34E+00	3.93E-01	3.11E+00	1.09E+00	-3.59E+00	-44.56	-2.60E+00	-1.91E+00	
	-9.33	-1.13E-05	-1.41E-05	7.77E-06	-1.80E-04	3.03E-05	2.40E-04	7.73E-05	-1.03E-04				
27	457.00	-2.65E-01	-5.54E-01	-2.89E-01	-1.90E+00	-2.20E-02	2.02E+00	1.50E+00	-2.31E+00	-42.83	-2.65E-01	-1.90E+00	
	-303.00	2.34E-06	-1.08E-05	1.24E-06	-1.73E-04	-2.00E-06	1.83E-04	8.24E-05	-9.08E-05				
28	457.00	-1.83E-01	-4.49E-01	-1.51E-01	-1.77E+00	-4.05E-02	1.81E+00	1.46E+00	-2.09E+00	-42.85	-1.83E-01	-1.77E+00	
	-213.00	1.83E-06	-1.02E-05	3.32E-06	-1.61E-04	-3.68E-06	1.65E-04	7.63E-05	-8.47E-05				
29	457.00	-2.58E-01	-3.30E-01	8.97E-02	-1.45E+00	-1.49E-01	1.54E+00	1.16E+00	-1.75E+00	-44.30	-2.58E-01	-1.45E+00	
	-138.00	-3.26E-06	-4.88E-06	4.65E-06	-6.60E-05	-6.78E-06	7.00E-05	2.89E-05	-3.71E-05				
30	442.00	-7.99E-01	-1.79E+00	-8.20E-01	-2.44E+00	-1.09E-01	2.53E+00	1.15E+00	-3.76E+00	-39.28	-7.99E-01	-2.44E+00	
	-68.00	6.69E-06	-3.13E-05	5.87E-06	-1.88E-04	-8.36E-06	1.95E-04	8.34E-05	-1.08E-04				
31	457.33	2.91E+00	1.02E+00	1.70E+00	-8.20E-01	-1.32E+00	1.39E+00	3.13E+00	6.93E-01	-21.39	1.02E+00	8.28E-01	
	-88.00	4.73E-05	-2.15E-05	4.61E-06	-6.37E-05	-1.02E-04	1.07E-04	5.97E-05	-3.40E-05				
32	472.67	-5.04E+00	-4.50E+00	-3.81E+00	-2.05E+00	7.25E-01	3.23E+00	-2.92E+00	-7.02E+00	-45.95	-6.35E+00	-1.52E+00	
	-68.00	-4.26E-05	-3.74E-05	4.46E-06	-1.58E-04	5.57E-05	2.49E-04	3.89E-05	-1.19E-04				
33	443.00	-4.65E-01	-5.03E-01	-4.22E-02	-1.28E+00	1.15E-01	1.25E+00	8.01E-01	-1.77E+00	-44.58	-4.65E-01	-1.28E+00	
	-19.50	-4.79E-06	-9.24E-06	9.48E-06	-9.88E-05	8.88E-06	5.61E-05	4.19E-05	-5.69E-05				
34	454.[illegible]	-4.08E+00	-3.41E+00	-2.72E+00	-3.09E+00	8.92E-01	[illegible]01E+00	-6.38E-01	-6.85E+00	-48.12	-5.32E+00	-2.68E+00	
	-11.[illegible]	4.48E-05	-1.81E-05	7.54E-06	-2.38E-04	6.87E-05	[illegible]8E-04	8.77E-05	-1.51E-04				
35	4[illegible]	-1.66E+00	-2.29E+00	-1.31E+00	-2.91E+00	2.22E-0[illegible]	[illegible]5E+00	9.46E-01	-4.90E+00	-41.88	-1.66E+00	-2[illegible]	

	-12	-5.06E-06	-3.04E-05	7.42E-06	-2.24E-04	1.71E-05	[illegible]05E-04	9.43E-05	-1.31E-04				
36	469.[illegible]	2.30E+00	7.05E-01	1.53E+00	-3.01E-01	-1.14E+00	1.70E+00	2.44E+00	6.53E-01	-9.80	7.05E-01	3.0[illegible]1	
	-30.00	4.11E-05	-2.38E-05	9.13E-06	-2.31E-05	-9.09E-05	1.31E-04	4.31E-05	-2.56E-05				
37	476.33	-2.52E+00	-3.58E+00	-2.15E+00	-2.02E+00	2.29E-01	3.45E+00	-9.59E-01	-5.14E+00	-37.66	-3.35E+00	-2.07E+00	
	-12.00	-6.28E-06	-4.70E-05	8.00E-06	-1.56E-04	1.64E-05	2.66E-04	5.38E-05	-1.07E-04				
38	558.50	-8.54E-03	-2.92E-01	-9.34E-02	-1.74E+00	-7.78E-02	1.89E+00	1.59E+00	-1.85E+00	-42.66	-8.54E-03	-1.74E+00	
	-303.00	4.73E-06	-8.16E-06	8.74E-07	-1.58E-04	-7.06E-06	1.72E-04	7.74E-05	-8.09E-05				
39	558.50	-1.05E-01	-5.72E-01	-2.11E-01	-1.72E+00	-1.61E-01	1.81E+00	1.40E+00	-2.08E+00	-41.14	-1.05E-01	-1.72E+00	
	-213.00	6.77E-06	-1.45E-05	1.95E-06	-1.57E-04	-1.46E-05	1.64E-04	7.52E-05	-8.29E-05				
40	506.17	1.37E-01	-1.31E+00	-1.38E-01	-3.82E+00	-4.79E-01	3.75E+00	3.30E+00	-4.47E+00	-39.64	1.37E-01	-3.82E+00	
	-128.00	9.09E-06	-2.29E-05	3.74E-06	-1.74E-04	-2.18E-05	1.71E-04	8.19E-05	-9.48E-05				
41	558.50	1.57E+00	-7.98E-01	2.82E-01	-1.73E+00	-1.21E+00	2.51E+00	2.48E+00	-1.71E+00	-27.85	-7.98E-01	1.73E+00	
	-148.00	3.01E-05	-2.36E-05	9.01E-07	-7.87E-05	-5.49E-05	1.14E-04	5.09E-05	-4.44E-05				
42	610.83	-2.64E-01	-1.36E+00	-4.40E-01	-3.28E+00	-7.86E-01	2.92E+00	2.51E+00	-4.14E+00	-40.27	-4.12E+00	3.33E-01	
	-128.00	4.81E-06	-2.01E-05	8.24E-07	-1.49E-04	-3.57E-05	1.33E-04	6.79E-05	-8.32E-05				
43	501.38	4.34E-01	-1.79E-01	3.20E-01	-8.86E-01	-4.33E-01	1.12E+00	1.06E+00	-7.77E-01	-36.20	4.34E-01	-8.86E-01	
	-78.00	9.82E-06	-1.18E-05	5.44E-06	-6.82E-05	-3.33E-05	8.65E-05	3.48E-05	-3.68E-05				
44	534.67	-6.97E-01	-1.11E+00	-6.22E-01	-2.86E+00	-2.82E-01	3.63E+00	1.97E+00	-3.77E+00	-42.94	-3.76E+00	2.94E-01	
	-68.00	-1.20E-07	-1.60E-05	2.77E-06	-2.20E-04	-2.17E-05	2.79E-04	1.02E-04	-1.18E-04				
45	584.67	4.37E-01	-1.04E-01	2.28E-01	-2.55E+00	-8.32E-01	2.28E+00	2.73E+00	-2.39E+00	-41.97	4.37E-01	-2.55E+00	
	-68.00	1.07E-05	-1.01E-05	2.53E-06	-1.96E-04	-6.40E-05	1.75E-04	9.88E-05	-9.82E-05				
46	610.83	2.73E+00	2.84E-01	1.15E+00	-1.39E+00	-1.37E+00	1.91E+00	3.35E+00	-3.45E-01	-24.35	2.84E-01	1.39E+00	
	-88.00	5.91E-05	-3.48E-05	-1.45E-06	-1.07E-04	-1.06E-04	1.47E-04	8.33E-05	-5.90E-05				
47	482.63	-2.21E-02	-4.63E-01	1.61E-01	-6.50E-01	-3.71E-01	1.29E+00	4.44E-01	-9.29E-01	-35.63	-2.21E-02	-6.50E-01	
	-21.00	2.71E-06	-1.42E-05	9.76E-06	-5.00E-05	-2.86E-05	9.90E-05	2.06E-05	-3.22E-05				
48	485.83	-1.73E+00	-2.61E+00	-1.47E+00	-1.84E+00	-5.56E-02	3.86E+00	-2.75E-01	-4.06E+00	-38.25	-1.97E+00	-1.88E+00	
	-12.00	-2.57E-06	-3.66E-05	7.23E-06	-1.42E-04	-4.28E-06	2.97E-04	5.32E-05	-9.24E-05				
49	507.88	-1.87E-02	-2.02E-01	2.21E-01	-7.00E-01	-2.63E-01	1.43E+00	5.96E-01	-8.16E-01	-41.27	-1.87E-02	-7.00E-01	
	-21.00	-7.25E-07	-7.78E-06	8.51E-06	-5.38E-05	-2.02E-05	1.10E-04	2.29E-05	-3.14E-05				
50	538.67	-6.45E-01	-7.82E-01	-4.26E-01	-2.51E+00	-1.02E+00	3.07E+00	1.80E+00	-3.22E+00	-44.22	-3.22E+00	1.74E-01	
	-10.00	-4.45E-06	-9.73E-06	4.00E-06	-1.93E-04	-7.83E-05	2.36E-04	8.94E-05	-1.04E-04				
51	484.67	7.52E+00	5.15E+00	5.50E+00	1.55E-01	-5.70E-01	4.09E-01	7.53E+00	5.14E+00	3.72	5.15E+00	-1.55E-01	
	8.00	8.95E-05	-1.57E-06	1.20E-05	1.19E-05	-4.38E-05	3.15E-05	8.99E-05	-1.96E-06				
52	507.00	-1.78E+00	-2.16E+00	-1.23E+00	-1.17E+00	-4.74E-01	-1.40E+00	-7.66E-01	-3.15E+00	-40.12	-2.88E+00	-7.53E-01	
	9.00	-1.09E-05	-2.65E-05	9.14E-06	-9.02E-05	-3.65E-05	-1.07E-04	2.71E-05	-6.45E-05				
53	603.00	-2.63E-02	-1.16E-01	-8.73E-02	-1.00E+00	-5.83E-01	9.84E-01	9.31E-01	-1.07E+00	-43.72	5.88E-01	-7.55E-01	
	-18.00	1.51E-06	-1.94E-06	-8.34E-07	-7.70E-05	-4.49E-05	7.57E-05	3.83E-05	-3.88E-05				
54	712.00	2.27E-02	-3.52E-01	-1.42E-01	-1.58E+00	-1.65E-01	1.49E+00	1.43E+00	-1.75E+00	-41.62	2.27E-02	-1.58E+00	
	-303.00	7.15E-06	-9.87E-06	-3.37E-07	-1.44E-04	-1.50E-05	1.35E-04	7.09E-05	-7.36E-05				
55	712.00	8.59E-01	2.66E-01	3.77E-01	-1.72E+00	-5.28E-01	1.43E+00	2.30E+00	-1.18E+00	-40.10	8.59E-01	-1.72E+00	
	-213.00	1.95E-05	-7.41E-06	-2.38E-06	-1.56E-04	-4.80E-05	1.30E-04	8.52E-05	-7.31E-05				
56	712.00	1.34E+00	4.15E-01	2.53E-01	-1.25E+00	-1.28E+00	1.06E+00	2.21E+00	-4.54E-01	-34.80	1.34E+00	-1.25E+00	
	-138.00	2.00E-05	-1.13E-06	-4.81E-06	-5.68E-05	-5.83E-05	4.80E-05	3.98E-05	-2.09E-05				
57	712.00	3.48E-01	-1.50E-01	-1.23E-01	-8.22E-01	-5.41E-01	9.54E-01	9.58E-01	-7.60E-01	-36.58	3.48E-01	-8.22E-01	
	-78.00	1.26E-05	-6.59E-06	-5.56E-06	-6.32E-05	-4.16E-05	7.34E-05	3.60E-05	-3.01E-05				
58	712.00	4.20E-01	1.09E-01	-2.16E-02	-1.10E+00	-4.95E-01	1.01E+00	1.37E+00	-8.45E-01	-40.97	4.20E-01	-1.10E+00	
	-18.00	1.06E-05	-1.39E-06	-6.41E-06	-8.45E-05	-3.80E-05	7.75E-05	4.73E-05	-3.81E-05				
59	837.00	4.38E+00	2.34E+00	2.69E+00	-1.31E+00	-7.20E-01	1.20E+00	5.02E+00	1.70E+00	-26.01	2.34E+00	1.31E+00	
	-318.00	7.69E-05	-1.58E-05	.00E+00	-1.19E-04	-6.55E-05	1.09E-04	1.06E-04	-4.47E-05				
60	887.00	5.11E-01	-2.04E-01	1.23E-01	-3.47E+00	-3.40E-01	2.47E+00	3.65E+00	-3.34E+00	-42.06	-3.06E+00	1.32E+00	
	-288.00	1.77E-05	-1.49E-05	.00E+00	-3.16E-04	-3.09E-05	2.25E-04	1.60E-04	-1.57E-04				
61	987.00	-8.76E-01	-7.49E-01	-6.50E-01	-3.49E+00	7.16E-02	2.02E+00	2.67E+00	-4.30E+00	-45.52	-8.76E-01	-3.48E+00	
	-298.00	-1.03E-05	-4.49E-06	.00E+00	-3.17E-04	6.51E-06	1.84E-04	1.81E-04	-1.66E-04				
62	1037.00	4.11E+00	2.34E+00	2.58E+00	-2.51E+00	-4.52E-01	1.51E+00	5.89E+00	5.65E-01	-35.32	2.34E+00	2.51E+00	
	-318.00	6.95E-05	-1.08E-05	.00E+00	-2.28E-04	-4.11E-05	1.37E-04	1.50E-04	-9.17E-05				
63	862.00	3.67E-02	-1.16E-01	-2.16E-01	-1.76E+00	-1.64E-01	1.24E+00	1.72E+00	-1.80E+00	-43.76	3.67E-02	-1.76E+00	
	-213.00	5.50E-06	-1.43E-06	-5.99E-06	-1.60E-04	-1.49E-05	1.13E-04	8.21E-05	-7.80E-05				
64	1012.00	-2.88E-01	-3.01E-01	-4.47E-01	-1.86E+00	-2.22E-02	1.14E+00	1.57E+00	-2.16E+00	-44.90	-2.88E-01	-1.86E+00	
	-213.00	3.79E-07	-2.26E-07	-6.88E-06	-1.69E-04	-2.02E-06	1.03E-04	8.47E-05	-8.46E-05				
65	837.00	4.15E-01	-3.05E-02	-4.96E-01	-1.38E+00	-1.05E+00	1.41E+00	1.59E+00	-1.20E+00	-40.41	-3.05E-02	1.38E+00	
	-148.00	1.00E-05	-1.08E-07	-1.07E-05	-6.27E-05	-4.76E-05	6.42E-05	3.67E-05	-2.66E-05				
66	937.00	3.40E-01	-9.25E-02	-4.72E-01	-2.29E+00	-4.05E-01	1.40E+00	2.42E+00	-2.18E+00	-42.30	-1.61E+00	1.51E+00	
	-128.00	8.01E-06	-9.27E-07	-9.55E-06	-1.04E-04	-1.84E-05	6.36E-05	5.63E-05	-4.83E-05				
67	1037.00	2.38E+00	3.45E-01	2.13E-01	-2.28E+00	-9.41E-01	1.86E+00	3.85E+00	-1.13E+00	-32.97	3.45E-01	2.28E+00	

	-140.00	3.86E-05	-7.56E-06	-1.04E-05	-1.03E-04	-4.25E-05	8.43E-05	7.22E-05	-4.11E-05				
68	837.00	8.85E-01	5.54E-01	2.71E-01	-2.50E+00	-7.59E-01	1.47E+00	3.22E+00	-1.76E+00	-43.10	8.85E-01	-2.50E+00	
	-68.00	1.53E-05	2.50E-06	-3.36E-06	-1.92E-04	-5.84E-05	1.13E-04	1.05E-04	-8.74E-05				
69	937.00	1.04E+00	-3.39E-01	-2.12E-01	-1.51E+00	-7.23E-01	1.25E+00	2.02E+00	-1.31E+00	-32.72	-3.39E-01	1.51E+00	
	-88.00	3.47E-05	-1.85E-05	-1.36E-05	-1.16E-04	-5.56E-05	9.89E-05	7.21E-05	-5.56E-05				
70	1037.00	-3.77E-01	-9.21E-01	-9.65E-01	-2.55E+00	2.34E-01	2.95E+00	1.92E+00	-3.22E+00	-41.96	-2.61E+00	1.66E+00	
	-68.00	1.04E-05	-1.06E-05	-1.23E-05	-1.95E-04	1.80E-05	2.27E-04	9.87E-05	-9.86E-05				
71	862.00	6.74E-01	2.45E-01	-7.00E-02	-1.10E+00	-6.24E-01	1.00E+00	1.58E+00	-6.59E-01	-39.46	6.74E-01	-1.10E+00	
	-18.00	1.66E-05	7.95E-08	-1.20E-05	-8.44E-05	-4.80E-05	7.72E-05	5.13E-05	-3.47E-05				
72	1012.00	-2.91E-01	-4.82E-01	-9.02E-01	-1.20E+00	8.16E-02	7.88E-01	8.18E-01	-1.59E+00	-42.72	-2.91E-01	-1.20E+00	
	-10.00	6.12E-06	-1.24E-06	-1.35E-05	-9.23E-05	6.28E-06	6.06E-05	4.87E-05	-4.39E-05				
73	1387.00	-2.63E-01	-3.14E-01	-3.15E-01	-1.30E+00	-2.66E-02	3.77E-01	1.01E+00	-1.58E+00	-44.43	-2.63E-01	-1.30E+00	
	-303.00	-3.60E-07	-2.70E-06	-2.73E-06	-1.18E-04	-2.42E-06	3.43E-05	5.74E-05	-6.04E-05				
74	1387.00	-5.76E-02	-5.64E-02	-3.03E-01	-1.41E+00	-8.47E-02	4.30E-01	1.35E+00	-1.46E+00	-45.01	-5.76E-02	-1.41E+00	
	-213.00	2.79E-06	2.85E-06	-8.34E-06	-1.28E-04	-7.70E-06	3.91E-05	6.67E-05	-6.11E-05				
75	1387.00	5.28E-02	-1.82E-01	-7.27E-01	-1.05E+00	-2.17E-01	2.42E-01	9.89E-01	-1.12E+00	-41.80	5.28E-02	-1.05E+00	
	-138.00	5.69E-06	3.54E-07	-1.20E-05	-4.76E-05	-9.84E-06	1.10E-05	2.70E-05	-2.09E-05				
76	1187.00	6.69E-01	4.59E-01	6.14E-02	-1.46E+00	-5.60E-01	-3.64E-01	2.02E+00	-8.95E-01	-42.93	6.69E-01	-1.46E+00	
	-68.00	1.27E-05	4.59E-06	-1.07E-05	-1.12E-04	-4.31E-05	-2.80E-05	6.48E-05	-4.75E-05				
77	1387.00	6.04E-01	3.76E-01	-2.07E-01	-9.05E-01	-3.97E-01	6.02E-01	1.40E+00	-4.22E-01	-41.40	3.76E-01	9.05E-01	
	-88.00	1.47E-05	5.96E-06	-1.65E-05	-6.96E-05	-3.05E-05	4.63E-05	4.54E-05	-2.47E-05				
78	1587.00	-6.19E-02	-1.18E-01	-5.96E-01	-1.00E+00	6.14E-02	-5.21E-02	9.15E-01	-1.09E+00	-44.19	-5.03E-01	9.16E-01	
	-68.00	6.15E-06	3.98E-06	-1.44E-05	-7.73E-05	4.72E-06	-4.01E-06	4.37E-05	-3.36E-05				
79	1237.00	7.37E-01	2.27E-01	-1.71E-01	-9.24E-01	-4.99E-01	3.67E-01	1.44E+00	-4.77E-01	-37.29	7.37E-01	-9.24E-01	
	-18.00	1.96E-08	1.21E-08	-1.53E-05	-7.11E-05	-3.84E-05	2.82E-05	4.67E-05	-2.71E-05				
80	1433.80	4.36E-01	2.03E-01	-3.47E-01	-1.10E+00	-1.62E-01	2.45E-01	1.42E+00	-7.83E-01	-41.98	4.36E-01	-1.10E+00	
	-8.00	1.36E-05	4.61E-06	-1.66E-05	-8.44E-05	-1.24E-05	1.88E-05	5.15E-05	-3.33E-05				
81	1533.80	6.93E-01	1.85E-01	-2.37E-01	-6.94E-01	-6.57E-02	1.40E-01	1.18E+00	-3.00E-01	-34.95	1.85E-01	6.94E-01	
	-28.00	1.96E-05	7.78E-08	-1.62E-05	-5.34E-05	-5.05E-06	1.08E-05	3.83E-05	-1.86E-05				
82	1633.80	6.19E-01	1.60E-01	-2.41E-01	-1.90E-01	1.16E-01	-6.53E-02	6.88E-01	9.14E-02	-19.77	9.15E-02	-8.66E-03	
	-8.00	1.79E-05	2.26E-07	-1.52E-05	-1.46E-05	8.91E-06	-5.02E-06	2.05E-05	-2.40E-06				
83	1433.80	3.07E+00	1.31E+00	1.08E+00	-7.65E-01	-9.73E-01	2.47E-01	3.35E+00	1.02E+00	-20.55	1.31E+00	7.65E-01	
	27.60	5.79E-05	-9.54E-06	-1.84E-05	-5.89E-05	-7.49E-05	1.90E-05	6.90E-05	-2.06E-05				
84	1296.10	1.07E+00	1.11E-01	-1.66E-01	-8.51E-01	-5.21E-01	4.80E-01	1.56E+00	-3.87E-01	-30.33	6.36E-01	9.75E-01	
	40.70	2.99E-05	-6.86E-06	-1.75E-05	-6.54E-05	-4.01E-05	3.69E-05	4.91E-05	-2.60E-05				
85	1148.60	4.81E-01	-1.79E-01	-3.91E-01	-1.01E+00	-5.32E-01	-2.33E-01	1.21E+00	-9.08E-01	-35.94	-7.29E-01	-5.88E-01	
	57.33	1.95E-05	-5.87E-06	-1.41E-05	-7.74E-05	-4.09E-05	-1.79E-05	4.75E-05	-3.39E-05				
86	1131.40	3.86E+00	1.96E+00	1.50E+00	-3.47E-01	-1.84E+00	-7.24E-02	3.92E+00	1.80E+00	-9.56	1.86E+00	3.47E-01	
	112.00	6.91E-05	-7.77E-06	-2.17E-05	-2.67E-05	-1.41E-04	-5.57E-06	7.14E-05	-1.00E-05				
87	1019.80	1.12E+00	1.28E-01	-7.68E-02	-1.18E+00	-8.25E-01	2.02E+00	1.91E+00	-6.55E-01	-33.57	1.28E-01	1.18E+00	
	34.67	3.03E-05	-7.98E-06	-1.58E-05	-9.07E-05	-6.34E-05	1.56E-04	6.04E-05	-3.81E-05				
88	886.60	4.83E-01	2.34E-02	-2.63E-01	-8.80E-01	-3.84E-01	9.78E-01	1.16E+00	-6.56E-01	-37.68	4.83E-01	-8.80E-01	
	46.00	1.59E-05	-1.78E-06	-1.28E-05	-6.77E-05	-2.95E-05	7.53E-05	4.20E-05	-2.79E-05				
89	869.80	2.69E+00	1.14E+00	9.33E-01	-3.86E-01	-1.12E+00	1.10E-01	2.78E+00	1.05E+00	-13.18	1.14E+00	3.86E-01	
	96.00	5.13E-05	-8.62E-06	-1.65E-05	-2.97E-05	-8.63E-05	8.43E-06	5.47E-05	-1.21E-05				
90	952.60	3.02E-01	-1.37E+00	-9.73E-01	-1.49E+00	-4.92E-01	1.04E+00	1.18E+00	-2.24E+00	-30.38	-1.86E+00	1.07E+00	
	128.00	3.40E-05	-3.01E-05	-1.50E-05	-1.15E-04	-3.79E-05	8.04E-05	6.76E-05	-6.37E-05				
91	869.80	7.67E-01	1.88E-01	-9.66E-02	-5.69E-01	-5.62E-01	2.07E-02	1.12E+00	-1.61E-01	-31.51	7.67E-01	-5.69E-01	
	160.00	2.00E-05	-2.31E-06	-1.29E-05	-4.38E-05	-4.23E-05	1.60E-06	3.34E-05	-1.57E-05				
92	869.80	3.51E+00	1.08E+00	1.09E+00	-2.46E-01	-2.04E+00	3.73E-01	3.54E+00	1.06E+00	-5.73	1.08E+00	2.46E-01	
	203.60	7.27E-05	-2.08E-05	-2.07E-05	-1.90E-05	-1.57E-04	2.87E-05	7.37E-05	-2.16E-05				
93	508.67	6.11E-02	-1.70E-01	-1.78E-01	-1.71E+00	-1.45E+00	2.16E+00	1.66E+00	-1.77E+00	-43.07	-1.70E-01	1.71E+00	
	16.00	5.50E-06	-3.38E-06	-3.69E-06	-1.32E-04	-1.12E-04	1.66E-04	6.71E-05	-6.49E-05				
94	645.75	3.47E-01	6.26E-02	6.25E-03	-1.09E+00	-5.82E-01	9.54E-01	1.30E+00	-8.95E-01	-41.28	3.47E-01	-1.09E+00	
	24.00	8.78E-06	-2.14E-06	-4.33E-06	-8.39E-05	-4.48E-05	7.34E-05	4.56E-05	-3.90E-05				
95	613.10	7.26E-01	9.57E-01	6.26E-01	-1.80E+00	-6.65E-01	-2.54E-01	2.64E+00	-9.60E-01	-46.84	7.26E-01	-1.80E+00	
	69.33	2.55E-06	1.14E-05	-1.31E-06	-1.38E-04	-5.11E-05	-1.95E-05	7.63E-05	-6.23E-05				
96	708.45	6.71E-01	7.07E-02	-1.67E-02	-8.83E-01	-6.02E-01	6.83E-01	1.30E+00	-5.62E-01	-35.61	6.35E-01	8.94E-01	
	55.00	1.78E-05	-5.25E-06	-8.61E-06	-6.79E-05	-4.63E-05	5.25E-05	4.22E-05	-2.96E-05				
97	613.10	2.13E+00	9.05E-01	8.59E-01	-5.06E-01	-2.12E+00	4.71E-01	2.31E+00	7.23E-01	-19.79	9.05E-01	5.06E-01	
	96.00	3.91E-05	-7.58E-06	-9.76E-06	-3.90E-05	-1.63E-04	3.63E-05	4.62E-05	-1.50E-05				
98	682.27	7.36E-01	1.29E-01	2.66E-02	-1.11E+00	-6.65E-01	5.84E-01	1.58E+00	-7.14E-01	-37.33	-6.17E-01	4.61E-01	
	112.0[illegible]	1.85E-05	-4.84E-06	-8.77E-06	-8.50E-05	-5.11E-05	[illegible]9E-05	5.09E-05	-3.73E-05				
99	75[illegible]	[illegible]2.03E+00	-9.23E-01	-1.88E-02	-1.39E+00	-1.35E+00	[illegible]5+00	2.58E+00	-1.48E+00	-21.70	-9.23E-01	1.[illegible]	

	96.	6.60E-05	-4.74E-05	-1.26E-05	-1.07E-04	-1.04E-04	[illegible]3E-04	8.74E-05	-6.88E-05				
100	683.25	5.43E-01	-3.01E-02	-1.56E-01	-4.44E-01	-5.16E-01	[illegible]42E-01	7.83E-01	-2.78E-01	-28.40	5.43E-01	-4.44[illegible]	
	152.00	1.71E-05	-5.31E-06	-9.03E-06	-3.42E-05	-3.97E-05	5.63E-05	2.63E-05	-1.45E-05				
101	648.67	3.18E+00	1.42E+00	1.24E+00	-1.90E-01	-1.42E+00	3.36E-01	3.20E+00	1.40E+00	-5.77	1.42E+00	1.80E-01	
	192.00	5.71E-05	-1.06E-05	-1.38E-05	-1.38E-05	-1.09E-04	2.58E-05	5.78E-05	-1.13E-05				
102	725.25	3.90E-01	-3.75E-01	-4.07E-01	-5.45E-01	-3.95E-01	5.62E-01	6.73E-01	-6.58E-01	-27.44	-3.00E-02	6.65E-01	
	232.70	1.93E-05	-1.01E-05	-1.13E-05	-4.19E-05	-3.04E-05	4.32E-05	3.02E-05	-2.10E-05				
103	635.50	5.64E-01	7.53E-01	2.32E-01	6.91E-02	-3.20E-01	-3.82E-01	7.75E-01	5.41E-01	71.90	5.64E-01	6.91E-02	
	256.00	4.66E-06	1.19E-05	-8.69E-06	5.32E-06	-2.46E-05	-2.94E-05	1.28E-05	3.80E-06				
104	635.50	9.63E-01	6.89E-01	1.51E-01	1.24E-01	-1.08E+00	2.23E-02	1.01E+00	6.41E-01	21.03	6.89E-01	-1.24E-01	
	290.67	1.72E-05	6.68E-06	-1.40E-05	9.51E-06	-8.29E-05	1.72E-06	1.91E-05	4.85E-06				
105	560.00	-3.33E-01	-2.79E-01	-2.10E-01	-1.96E+00	-7.23E-01	1.80E+00	1.55E+00	-2.16E+00	-45.42	-3.33E-01	-1.86E+00	
	16.50	-3.78E-06	-1.70E-06	9.64E-07	-1.43E-04	-5.61E-05	1.38E-04	6.88E-05	-7.42E-05				
106	508.50	-3.23E+00	-2.24E+00	-2.09E+00	-1.22E+00	-1.68E+00	5.03E-01	-1.42E+00	-4.06E+00	-55.97	-2.24E+00	1.22E+00	
	13.00	-4.11E-05	-3.16E-06	2.62E-06	-9.41E-05	-1.29E-04	3.87E-05	2.86E-05	-7.28E-05				
107	521.00	-9.90E-01	-5.90E-01	-4.09E-01	-1.78E+00	-5.82E-01	9.41E-01	1.06E+00	-2.56E+00	-48.20	-9.90E-01	-1.78E+00	
	15.75	-1.62E-05	-8.46E-07	6.13E-06	-1.37E-04	-4.48E-05	7.24E-05	6.04E-05	-7.74E-05				
108	526.25	-8.66E-01	-5.20E-01	-3.80E-01	-1.96E+00	-5.04E-01	9.85E-01	1.28E+00	-2.66E+00	-47.52	-8.66E-01	-1.96E+00	
	21.00	-1.39E-05	-5.91E-07	4.79E-06	-1.51E-04	-3.88E-05	7.57E-05	6.85E-05	-8.3CE-05				
109	515.50	-1.09E+00	-1.42E+00	-1.37E+00	-2.39E+00	-1.25E+00	5.07E-01	6.90E-01	-4.10E+00	-48.36	-1.42E+00	2.38E+00	
	26.00	-2.38E-05	-2.28E-06	-1.46E-07	-1.83E-04	-9.60E-05	3.90E-05	7.91E-05	-1.05E-04				
110	531.50	-3.58E-01	-3.43E-01	-2.04E-01	-1.62E+00	-3.71E-01	8.73E-01	1.27E+00	-1.97E+00	-45.13	-3.58E-01	-1.62E+00	
	34.50	-3.83E-06	-3.25E-06	2.10E-06	-1.25E-04	-2.85E-05	6.72E-05	5.88E-05	-6.59E-05				
111	515.50	1.39E+00	2.08E+00	1.59E+00	-4.61E+00	-3.09E-01	-7.59E-01	6.37E+00	-2.89E+00	-47.14	1.39E+00	-4.61E+00	
	44.00	-1.63E-06	2.49E-05	4.36E-06	-3.55E-04	-2.37E-05	-5.84E-05	1.90E-04	-1.66E-04				
112	515.50	6.94E-01	3.29E-01	3.53E-01	-1.08E+00	-7.91E-01	4.19E-01	1.61E+00	-5.84E-01	-40.21	3.29E-01	1.08E+00	
	53.33	1.16E-05	-2.46E-06	-1.56E-06	-8.31E-05	-6.09E-05	3.22E-05	4.67E-05	-3.76E-05				
113	547.50	3.47E-01	-8.88E-01	-2.70E-01	-1.81E+00	-4.42E-01	2.22E+00	1.64E+00	-2.18E+00	-35.57	-1.44E+00	1.51E+00	
	64.00	2.23E-05	-2.52E-05	-1.47E-06	-1.39E-04	-3.40E-05	1.71E-04	7.20E-05	-7.49E-05				
114	515.50	1.46E+00	1.58E+00	1.22E+00	-1.90E+00	-1.64E-01	1.67E-01	3.43E+00	-3.86E-01	-45.97	1.46E+00	-1.90E+00	
	74.67	9.19E-06	1.41E-05	8.28E-08	-1.47E-04	-1.26E-05	1.28E-05	8.50E-05	-6.16E-05				
115	515.50	3.22E+00	1.94E+00	2.00E+00	-7.12E-01	-5.44E-01	4.05E-01	3.54E+00	1.62E+00	-24.04	1.94E+00	7.12E-01	
	88.00	4.52E-05	-4.00E-06	-1.85E-06	-5.48E-05	-4.18E-05	3.12E-05	5.74E-05	-1.62E-05				
116	547.50	1.60E+00	-1.64E-01	5.12E-01	-2.30E+00	-3.40E-01	1.39E+00	3.18E+00	-1.75E+00	-34.51	-1.14E+00	1.62E+00	
	104.00	4.02E-05	-2.77E-05	-1.74E-06	-1.77E-04	-2.62E-05	1.07E-04	1.01E-04	-8.86E-05				
117	515.50	4.22E-01	3.33E-01	1.79E-01	-1.57E+00	-6.01E-02	5.07E-01	1.95E+00	-1.19E+00	-44.19	4.22E-01	-1.57E+00	
	120.00	5.06E-06	2.54E-06	-3.38E-06	-1.21E-04	-4.62E-06	3.90E-05	6.46E-05	-5.61E-05				
118	515.50	2.07E+00	1.18E+00	1.11E+00	-6.06E-01	-3.06E-01	3.38E-01	2.37E+00	8.72E-01	-26.88	1.18E+00	6.06E-01	
	136.00	3.16E-05	-2.56E-06	-5.06E-06	-4.66E-05	-2.35E-05	2.60E-05	4.34E-05	-1.44E-05				
119	547.50	1.45E+00	3.84E-01	5.61E-01	-1.44E+00	-1.83E-01	6.06E-01	2.45E+00	-6.14E-01	-34.81	-2.29E-01	1.02E+00	
	152.00	2.95E-05	-1.16E-05	-4.76E-06	-1.10E-04	-1.41E-05	4.66E-05	6.79E-05	-4.99E-05				
120	515.50	6.99E-01	5.14E-01	2.53E-01	-9.81E-01	-8.39E-02	3.56E-02	1.59E+00	-3.8CE-01	-42.31	6.99E-01	-9.81E-01	
	168.00	1.08E-05	3.66E-06	-6.38E-06	-7.55E-05	-6.46E-06	2.74E-06	4.51E-05	-3.07E-05				
121	515.50	2.85E+00	1.67E+00	1.52E+00	-4.64E-01	-4.33E-01	2.47E-01	3.01E+00	1.51E+00	-19.18	1.67E+00	4.64E-01	
	184.00	4.31E-05	-1.99E-06	-7.93E-06	-3.57E-05	-3.33E-05	1.90E-05	4.93E-05	-8.20E-06				
122	547.50	7.37E-01	-8.02E-01	-2.98E-01	-1.66E+00	-2.07E-01	1.09E+00	1.80E+00	-1.86E+00	-32.57	-1.49E+00	1.10E+00	
	200.00	3.23E-05	-2.69E-05	-7.46E-06	-1.28E-04	-1.59E-05	8.37E-05	7.31E-05	-6.77E-05				
123	515.50	-4.77E-01	-8.26E-01	-8.50E-01	-6.92E-01	3.44E-02	9.53E-02	6.16E-02	-1.37E+00	-37.92	-4.77E-01	-6.92E-01	
	216.00	5.31E-06	-8.11E-06	-9.04E-06	-5.32E-05	2.65E-06	7.33E-06	2.60E-05	-2.88E-05				
124	515.50	8.23E-01	3.66E-01	1.13E-01	-1.79E-01	-1.32E-01	1.66E-01	8.84E-01	3.05E-01	-19.04	3.66E-01	1.79E-01	
	232.00	1.73E-05	-2.15E-07	-9.97E-06	-1.38E-05	-1.01E-05	1.28E-05	1.97E-05	-2.59E-06				
125	547.50	1.23E-01	-2.26E-01	-3.83E-01	-3.84E-01	-2.11E-02	9.75E-01	3.70E-01	-4.73E-01	-32.78	-3.86E-01	2.57E-01	
	248.00	1.01E-05	-3.35E-06	-9.39E-06	-2.95E-05	-1.62E-06	7.50E-05	1.96E-05	-1.29E-05				
126	515.50	-1.01E+00	-1.46E+00	-1.34E+00	1.80E-01	2.02E-01	3.99E-01	-9.43E-01	-1.52E+00	19.35	-1.01E+00	1.80E-01	
	264.00	3.11E-06	-1.42E-05	-9.85E-06	1.38E-05	1.55E-05	3.07E-05	5.55E-06	-1.66E-05				
127	515.50	2.28E-01	4.72E-02	-1.85E-01	-5.42E-02	3.29E-01	1.03E-01	2.43E-01	3.22E-02	-15.47	4.72E-02	5.42E-02	
	276.00	7.79E-06	8.29E-07	-8.12E-06	-4.17E-06	2.53E-05	7.96E-06	8.36E-06	2.50E-07				
128	531.50	-4.35E-01	-2.80E-01	-6.28E-01	-2.58E-02	1.82E-01	6.03E-02	-2.77E-01	-4.98E-01	-83.24	-4.95E-01	-2.58E-02	
	297.00	-3.61E-06	4.64E-06	-8.73E-06	-1.98E-06	1.40E-05	4.63E-06	4.76E-06	-3.73E-06				
129	515.50	-1.85E+00	-1.47E+00	-1.65E+00	3.60E-01	1.69E-01	1.72E-01	-1.25E+00	-2.07E+00	58.98	-1.85E+00	3.60E-01	
	320.00	-1.66E-05	-1.80E-06	-8.80E-06	2.77E-05	1.45E-05	1.32E-05	6.43E-06	-2.45E-05				
183	565.50	-3.24E-02	-1.69E-01	5.86E-02	-2.76E+00	-9.52E-01	2.09E+00	2.66E+00	-2.86E+00	-44.30	-3.24E-02	-2.76E+00	
	-8.00	3.08E-07	-4.69E-06	3.81E-06	-2.13E-04	-7.32E-05	1.61E-04	1.04E-04	-1.09E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .2800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1510E+02	.9792E+02	-.1304E+03	-.2696E+02	-.6282E+02	.4256E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4374E+01	-.2160E+01	-.1147E+01	-.2342E+02	.1695E+02	.2215E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.4528E+01	.8297E+00	-.5914E+00	-.3792E+02	.3920E+02	.4005E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.6286E+01	-.1393E+01	-.1946E+00	-.5325E+02	.6096E+02	.5886E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.7520E+01	.1200E+01	-.2226E+00	-.6925E+02	.8301E+02	.7929E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1183E+01	.3470E+00	-.4635E+00	-.9543E+02	.1047E+03	.1044E+03
25	-.1308E+02	-.2150E+01	-.1514E+00	-.1198E+03	.1152E+03	.1292E+03
26	.1606E+02	.2312E+01	-.1703E+00	-.1288E+03	.1220E+03	.1475E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.6072E+02	.1258E+02	-.2718E+01	-.1308E+03	.1687E+03	.1623E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1403E+04	-.2337E+03	.3108E+01	-.1913E+03	.4465E+03	.2604E+03
40	-.9105E+03	-.1341E+03	-.8436E+01	-.1778E+03	.4409E+03	.2377E+03
41	-.5221E+03	-.6233E+02	-.1579E+02	-.1516E+03	.3999E+03	.2053E+03
42	-.2769E+02	-.1673E+01	-.1200E+02	-.1308E+03	.2856E+03	.1784E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9436E+03	.1161E+03	.4514E+01	-.2044E+02	.4714E+03	-.1514E+03
48	.8114E+03	.1013E+03	.5358E+01	-.7438E+02	.4335E+03	-.1073E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1757E+04	.2735E+03	.8524E+01	-.1420E+02	.3152E+03	-.4180E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3831E+01	-.1390E+02	-.2356E+00	-.1027E+02	.4628E+03	-.1433E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

59	.0000E+00	.0000E+00	.0000E+00	[illegible]+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	[illegible]E+00	.0000E+00	.0000E+00
61	.1233E+04	.1872E+03	.4476E+01	-.3303E+02	.2523E+03	-.3899E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.8669E+03	.1321E+03	.1134E+02	-.2846E+02	.2370E+03	-.3785E+03
66	.2995E+03	.4660E+02	.1429E+02	-.2725E+02	.1928E+03	-.3939E+03
67	-.5739E+03	-.8474E+02	.1440E+02	-.2685E+02	.1476E+03	-.3923E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1019E+04	-.1518E+03	.1215E+02	-.7734E+02	.1068E+03	-.4087E+03
76	.1098E+03	.1713E+02	.8575E+01	-.9592E+02	.5322E+02	-.4187E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.4337E+03	-.6503E+02	.6456E+01	-.1030E+03	-.1308E+02	-.4025E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1786E+03	.2645E+02	.4727E+01	-.1300E+03	-.5455E+02	-.3965E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2570E+03	-.3949E+02	.4246E+01	-.1044E+03	-.1125E+03	-.3647E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1563E+03	.2214E+02	.3520E+01	-.9036E+02	-.1478E+03	-.3318E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1829E+03	-.2922E+02	.3569E+01	-.8899E+02	-.1963E+03	-.2998E+03
109	.1070E+03	.1395E+02	.3184E+01	-.8623E+02	-.2293E+03	-.2586E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1562E+03	-.2594E+02	.3084E+01	-.5420E+02	-.2673E+03	-.2181E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1053E+03	-.1851E+02	.7474E+00	-.3303E+02	-.2852E+03	-.1752E+03
115	-.1622E+02	-.5315E+01	-.3982E-01	-.9622E+01	-.2888E+03	-.1287E+03
116	-.1129E+03	-.1988E+02	-.1028E+01	.3762E+01	-.3035E+03	-.1028E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.9607E+02	-.1754E+02	-.2056E+01	-.1378E+02	-.3126E+03	-.8645E+02
119	-.6470E+02	-.1285E+02	-.3094E+01	.2456E+02	-.2842E+03	-.5543E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1655E+03	-.2125E+02	-.1022E+02	.2296E+02	-.2444E+03	-.3313E+02
122	-.1421E+03	-.1010E+02	-.1660E+02	-.1008E+02	-.2363E+03	-.2866E+02

123	-.1084E+01	-.6690E+01	-.1447E+02	-.7555E+01	-.2065E+03	-.2577E+02
124	-.7628E+02	-.4341E+01	-.9961E+01	-.5794E+01	-.1702E+03	-.2344E+02
125	-.4259E+02	-.2387E+01	-.7201E+01	-.4325E+01	-.1408E+03	-.2121E+02
126	-.1650E+02	.3263E+01	-.4788E+01	-.2455E+01	-.1185E+03	-.1882E+02
127	.1024E+02	.7734E+01	-.6929E+01	-.1143E+01	-.1014E+03	-.1579E+02
128	.3742E+02	.1139E+02	-.6578E+01	.1892E+01	-.6626E+02	-.1238E+02
129	.3795E+02	.9879E+01	-.5465E+01	.3354E+01	-.3797E+02	-.9408E+01
130	.2646E+02	.6064E+01	-.3934E+01	.3751E+01	-.1719E+02	-.7367E+01
131	.6922E+01	.1093E+01	-.2569E+01	.3293E+01	-.6012E+01	-.6154E+01
132	-.8443E+00	-.5069E+00	-.1977E+01	.2020E+01	-.6426E+01	-.5334E+01
133	-.1302E+01	-.4042E+00	-.1733E+01	.1308E+01	-.7389E+01	-.4503E+01
134	-.3683E+00	-.1201E+00	-.1738E+01	.9937E+00	-.6256E+01	-.3545E+01
135	-.1284E-01	-.8150E-02	-.1959E+01	.7740E+00	-.4424E+01	-.2610E+01
136	.2195E-01	-.8485E-02	-.2598E+01	.5580E+00	-.2854E+01	-.1742E+01
137	.4785E-01	.1602E-01	-.4058E+01	.4242E+00	-.1292E+01	-.9536E+00
138	-.5741E-02	-.8830E-01	-.6551E+02	.3289E+00	.3551E+00	-.4886E+00
139	-.6648E-01	-.1078E+00	.1615E+02	.4769E-01	-.1933E+00	.2033E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.31937E-01	.16539E-03	-.31868E-01	.00000E+00
3	.57899E-01	.50427E-03	-.57902E-01	.00000E+00
4	.62727E-01	.59965E-03	-.62608E-01	.00000E+00
5	.67639E-01	.19757E-05	-.67664E-01	.00000E+00
6	.76214E-01	-.45507E-05	-.76205E-01	.15857E-04
7	.70127E-01	.12876E-02	-.71008E-01	.00000E+00
8	.76422E-01	.98176E-03	-.76657E-01	.30781E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.31555E-01	.38200E-03	-.31821E-01	.00000E+00
11	.58197E-01	.81134E-03	-.58974E-01	.00000E+00
12	.64799E-01	.94687E-03	-.65729E-01	.00000E+00
13	.70103E-01	.74562E-03	-.70550E-01	.00000E+00
14	.76859E-01	.10245E-02	-.77860E-01	.83603E-05
15	.70990E-01	.19649E-02	-.73929E-01	.00000E+00
16	.77517E-01	.16736E-02	-.79837E-01	-.24881E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.31826E-01	.59693E-03	-.32998E-01	.00000E+00
19	.59249E-01	.11520E-02	-.61713E-01	.00000E+00
20	.66153E-01	.14297E-02	-.69094E-01	.00000E+00
21	.71729E-01	.10036E-02	-.74383E-01	.00000E+00
22	.78418E-01	.11383E-02	-.82602E-01	.44487E-05
23	.73572E-01	.29926E-02	-.80126E-01	.00000E+00
24	.75545E-01	.26260E-02	-.86234E-01	.27287E-04
25	.80337E-01	.32874E-02	-.88585E-01	.78776E-06
26	.80797E-01	.31840E-02	-.89980E-01	-.44100E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.31784E-01	.11382E-02	-.33843E-01	.00000E+00
29	.60451E-01	.22165E-02	-.64241E-01	.00000E+00
30	.67572E-01	.25780E-02	-.72938E-01	.00000E+00
31	.74150E-01	.31039E-02	-.81134E-01	.00000E+00
32	.81284E-01	.36581E-02	-.91527E-01	.75050E-04
33	.73929E-01	.44691E-02	-.81074E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.31514E-01	.16313E-02	-.33802E-01	.00000E+00
36	.60830E-01	.27390E-02	-.64633E-01	.00000E+00
37	.68277E-01	.30599E-02	-.72549E-01	.00000E+00
38	.76078E-01	.38381E-02	-.83980E-01	.00000E+00
39	.82209E-01	.51509E-02	-.94186E-01	-.43077E-04
	.82056E-01	.53527E-02	-.93570E-01	.35322E-05
	.81910E-01	.51296E-02	-.92997E-01	.4771E-04
	.81655E-01	.45283E-02	-.92344E-01	.3422E-04

	.67307E-01	.39158E-02	-.70382E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.29210E-01	.28103E-04	-.30385E-01	.00000E+00
46	.60431E-01	.24435E-02	-.61285E-01	.00000E+00
47	.82280E-01	.47396E-02	-.94414E-01	-.41062E-04
48	.82259E-01	.49581E-02	-.94391E-01	-.61791E-04
49	.75980E-01	.40125E-02	-.83238E-01	.00000E+00
50	.63024E-01	.49718E-02	-.94729E-01	-.18420E-03
51	.76579E-01	.44021E-02	-.80915E-01	.00000E+00
52	.85836E-01	.44466E-02	-.88672E-01	.00000E+00
53	.82335E-01	.45429E-02	-.94506E-01	-.10361E-04
54	.67029E-01	.25746E-02	-.65162E-01	.00000E+00
55	.75248E-01	.36519E-02	-.71777E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.24963E-01	.27327E-02	-.21645E-01	.00000E+00
58	.53595E-01	.17973E-02	-.41227E-01	.00000E+00
59	.97365E-01	.34062E-02	-.83267E-01	.00000E+00
60	.86009E-01	.42172E-02	-.85926E-01	.00000E+00
61	.83737E-01	.49323E-02	-.94951E-01	-.28466E-03
62	.63083E-01	.13167E-02	-.49815E-01	.00000E+00
63	.72821E-01	.12700E-02	-.60945E-01	.00000E+00
64	.87595E-01	.43316E-02	-.89878E-01	.00000E+00
65	.84701E-01	.49327E-02	-.95158E-01	-.35412E-03
66	.87093E-01	.50087E-02	-.95573E-01	-.43060E-03
67	.89676E-01	.50184E-02	-.96026E-01	-.41082E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.19524E-01	-.28230E-03	-.12466E-01	.00000E+00
70	.56390E-01	.39391E-03	-.40229E-01	.00000E+00
71	.84729E-01	.11431E-02	-.69620E-01	.00000E+00
72	.89948E-01	.41470E-02	-.89947E-01	.00000E+00
73	.69387E-01	.56775E-03	-.45050E-01	.00000E+00
74	.95440E-01	.42984E-02	-.93958E-01	.00000E+00
75	.91875E-01	.50273E-02	-.96422E-01	-.31315E-03
76	.94841E-01	.51268E-02	-.97220E-01	-.21982E-03
77	.80108E-01	.19283E-04	-.56100E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.23217E-01	.84426E-03	-.15888E-01	.00000E+00
80	.53545E-01	-.50536E-03	-.34208E-01	.00000E+00
81	.59177E-01	-.64034E-03	-.36937E-01	.00000E+00
82	.66515E-01	-.96886E-03	-.45783E-01	.00000E+00
83	.94518E-01	.85755E-03	-.77072E-01	.00000E+00
84	.88284E-01	-.45913E-03	-.62609E-01	.00000E+00
85	.98205E-01	.51689E-02	-.98181E-01	-.17602E-03
86	.98932E-01	.43545E-02	-.96895E-01	.00000E+00
87	.80295E-01	-.56330E-03	-.51748E-01	.00000E+00
88	.98860E-01	.32368E-02	-.87884E-01	.00000E+00
89	.10053E+00	.53010E-02	-.99156E-01	-.14170E-03
90	.60479E-01	-.49348E-03	-.21632E-01	.00000E+00
91	.65104E-01	-.97056E-03	-.24976E-01	.00000E+00
92	.70038E-01	-.22376E-04	-.27087E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.25810E-01	.00000E+00	-.83965E-02	.00000E+00
95	.47648E-01	.00000E+00	-.14954E-01	.00000E+00
96	.54740E-01	.00000E+00	-.17595E-01	.00000E+00
97	.57067E-01	.00000E+00	-.16596E-01	.00000E+00
98	.55912E-01	.00000E+00	-.15803E-01	.00000E+00
99	.61560E-01	.10395E-03	-.18225E-01	.00000E+00
100	.77439E-01	.52095E-04	-.35476E-01	.00000E+00
101	.94339E-01	.12214E-02	-.62359E-01	.00000E+00
102	.10411E+00	.54410E-02	-.10052E+00	-.12716E-03
103	.99036E-01	.16025E-02	-.78746E-01	.00000E+00
104	.10555E+00	.49365E-02	-.10029E+00	.00000E+00
105	.10661E+00	.55277E-02	-.10170E+00	-.10893E-03
106	.10376E+00	.19417E-02	-.87371E-01	.00000E+00

107	.10950E+00	.52159E-02	-.10142E+00	.00000E+00
108	.10945E+00	.55104E-02	-.10278E+00	-.10353E-03
109	.11151E+00	.56720E-02	-.10368E+00	-.89312E-04
110	.10931E+00	.51247E-02	-.92324E-01	.00000E+00
111	.11408E+00	.61317E-02	-.10427E+00	.00000E+00
112	.11374E+00	.57374E-02	-.10441E+00	-.78957E-04
113	.11314E+00	.45660E-02	-.97039E-01	.00000E+00
114	.11406E+00	.56774E-02	-.10495E+00	-.28925E-04
115	.11535E+00	.56590E-02	-.10531E+00	-.62197E-05
116	.11521E+00	.55485E-02	-.10544E+00	.12442E-04
117	.11473E+00	.64316E-02	-.10562E+00	.00000E+00
118	.11508E+00	.55250E-02	-.10548E+00	.26302E-04
119	.11435E+00	.54580E-02	-.10548E+00	.45170E-04
120	.11580E+00	.57925E-02	-.10653E+00	.00000E+00
121	.11295E+00	.53319E-02	-.10533E+00	.75864E-04
122	.11200E+00	.47015E-02	-.10546E+00	.90739E-04
123	.11256E+00	.41158E-02	-.10555E+00	.10248E-03
124	.11230E+00	.34539E-02	-.10565E+00	.11596E-03
125	.11195E+00	.27019E-02	-.10575E+00	.13192E-03
126	.11127E+00	.12567E-02	-.10591E+00	.15027E-03
127	.11054E+00	-.26608E-03	-.10606E+00	.15246E-03
128	.10915E+00	-.33796E-02	-.10637E+00	.12419E-03
129	.10819E+00	-.56583E-02	-.10665E+00	.81695E-04
130	.10764E+00	-.71100E-02	-.10696E+00	.32223E-04
131	.10765E+00	-.71577E-02	-.10742E+00	-.20658E-04
132	.10809E+00	-.58058E-02	-.10784E+00	-.34187E-04
133	.10847E+00	-.44190E-02	-.10820E+00	-.27312E-04
134	.10871E+00	-.33907E-02	-.10850E+00	-.20513E-04
135	.10886E+00	-.25618E-02	-.10873E+00	-.19016E-04
136	.10896E+00	-.17652E-02	-.10891E+00	-.18298E-04
137	.10903E+00	-.98554E-03	-.10901E+00	-.18059E-04
138	.10907E+00	-.15080E-03	-.10907E+00	-.19253E-04
139	.10907E+00	-.19574E-04	-.10907E+00	-.18644E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .2900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.39E-02	1.12E-01	2.28E-02	3.88E+00	1.31E-02	-3.91E+00	3.95E+00	-3.81E+00	45.33	2.39E-02	3.88E+00
	-303.00	-8.79E-07	3.04E-06	-1.03E-06	3.53E-04	1.19E-06	-3.56E-04	1.78E-04	-1.75E-04			
2	72.00	4.89E-02	1.53E-01	-3.45E-02	3.24E+00	1.96E-03	-3.32E+00	3.34E+00	-3.14E+00	45.46	4.89E-02	3.24E+00
	-213.00	5.40E-08	4.77E-06	-3.74E-06	2.94E-04	1.78E-07	-3.02E-04	1.50E-04	-1.45E-04			
3	72.00	4.90E-01	1.80E-01	-1.15E-01	2.14E+00	-1.99E-01	-2.33E+00	2.48E+00	-1.81E+00	42.93	4.90E-01	2.14E+00
	-138.00	8.23E-06	1.17E-06	-5.53E-06	9.72E-05	-9.03E-06	-1.06E-04	5.34E-05	-4.40E-05			
4	24.00	2.51E+00	1.39E+00	1.74E+00	3.96E+00	-6.68E-01	-4.34E+00	5.96E+00	-2.05E+00	40.99	2.51E+00	3.96E+00
	-68.00	3.46E-05	-8.46E-06	4.94E-06	3.05E-04	-5.14E-05	-3.34E-04	1.67E-04	-1.41E-04			
5	72.00	-8.70E-01	-4.35E-01	-9.92E-01	1.76E+00	8.11E-02	-1.89E+00	1.12E+00	-2.43E+00	48.52	-4.35E-01	-1.76E+00
	-88.00	-8.22E-06	8.52E-06	-1.29E-05	1.36E-04	6.24E-06	-1.45E-04	6.85E-05	-6.82E-05			
6	120.00	-4.82E-01	-5.00E-01	-6.75E-01	3.36E+00	1.83E-01	-3.34E+00	2.86E+00	-3.85E+00	44.92	2.81E+00	-6.14E-01
	-68.00	-3.38E-07	-1.03E-06	-7.75E-06	2.58E-04	1.41E-05	-2.97E-04	1.28E-04	-1.30E-04			
7	36.25	9.13E-01	3.51E-01	2.21E-01	1.87E+00	-2.43E-01	-1.79E+00	2.52E+00	-1.26E+00	40.73	8.49E-01	1.88E+00
	-19.00	1.38E-05	-2.83E-06	-7.81E-06	1.44E-04	-1.87E-05	-1.38E-04	8.08E-05	-6.48E-05			
8	108.00	-9.68E-02	-1.77E-01	-3.26E-01	1.42E+00	9.92E-03	-1.57E+00	1.28E+00	-1.56E+00	44.19	-9.68E-02	1.42E+00
	-19.00	2.87E-06	-2.33E-07	-5.93E-06	1.09E-04	7.63E-07	-1.21E-04	5.59E-05	-5.32E-05			
9	216.00	2.26E-01	3.24E-01	1.69E-01	3.88E+00	-2.67E-02	-3.97E+00	4.16E+00	-3.61E+00	45.36	2.26E-01	3.88E+00
	-303.00	9.42E-07	5.38E-06	-1.66E-06	3.53E-04	-2.42E-06	-3.61E-04	1.80E-04	-1.73E-04			
10	216.00	3.08E-01	3.29E-01	8.80E-02	3.32E+00	-9.00E-02	-3.45E+00	3.64E+00	-3.01E+00	45.09	3.08E-01	3.32E+00
	-213.00	4.60E-06	5.82E-06	-5.41E-06	3.02E-04	-8.18E-06	-3.14E-04	1.56E-04	-1.46E-04			
11	216.[illegible]	4.86E-01	2.69E-01	-2.44E-01	2.54E+00	-2.85E-01	[illegible]70E+00	2.92E+00	-2.16E+00	43.78	4.86E-01	2.54[illegible]
	-138.[illegible]	8.36E-06	3.44E-06	-8.23E-06	1.15E-04	-1.30E-05	[illegible]8E-04	6.37E-05	-5.19E-05			
12	16[illegible]	1.21E+00	1.15E+00	7.42E-01	3.86E+00	-5.38E-01	[illegible]4E+00	5.04E+00	-2.68E+00	44.80	1.21E+00	3.[illegible]

	-68	1.23E-05	1.03E-05	-5.54E-06	2.97E-04	-4.14E-05	[illegible]3E-04	1.60E-04	-1.37E-04				
13	216.00	-1.16E+00	-4.32E-01	-1.13E+00	1.61E+00	5.94E-03	-1.66E+00	8.54E-01	-2.45E+00	51.40	-4.32E-01	-1.6[illegible]+00	
	-88.00	-1.43E-05	1.34E-05	-1.36E-05	1.24E-04	4.57E-07	-1.28E-04	6.28E-05	-6.42E-05				
14	264.00	-5.29E-02	-4.57E-01	-6.09E-01	3.29E+00	6.23E-02	-3.41E+00	2.04E+00	-3.55E+00	43.24	2.95E+00	-7.92E-01	
	-68.00	1.03E-05	-5.28E-06	-1.11E-05	2.53E-04	4.84E-06	-2.62E-04	1.29E-04	-1.24E-04				
15	180.00	3.47E-01	6.49E-02	-1.74E-01	1.66E+00	-3.62E-01	-1.58E+00	1.87E+00	-1.46E+00	42.57	3.47E-01	1.66E+00	
	-19.00	1.07E-05	-1.08E-07	-9.31E-06	1.27E-04	-2.79E-05	-1.21E-04	6.93E-05	-5.87E-05				
16	252.00	2.21E-01	-9.67E-02	-3.87E-01	1.35E+00	-1.35E-01	-1.66E+00	1.42E+00	-1.30E+00	41.65	2.21E-01	1.35E+00	
	-19.00	1.14E-05	-8.34E-07	-1.20E-05	1.04E-04	-1.03E-05	-1.28E-04	5.76E-05	-4.71E-05				
17	361.00	3.14E-01	5.28E-01	2.68E-01	3.91E+00	-7.21E-03	-4.10E+00	4.33E+00	-3.49E+00	45.78	3.14E-01	3.91E+00	
	-303.00	-1.47E-07	9.58E-06	-2.24E-06	3.55E-04	-6.56E-07	-3.73E-04	1.82E-04	-1.73E-04				
18	361.00	3.75E-01	4.88E-01	1.43E-01	3.49E+00	-5.48E-02	-3.65E+00	3.92E+00	-3.06E+00	45.47	3.75E-01	3.49E+00	
	-213.00	3.97E-06	9.13E-06	-6.57E-06	3.17E-04	-4.98E-06	-3.32E-04	1.65E-04	-1.52E-04				
19	361.00	5.34E-01	3.74E-01	-3.04E-01	2.74E+00	-2.58E-01	-3.06E+00	3.19E+00	-2.29E+00	44.16	5.34E-01	2.74E+00	
	-138.00	8.98E-06	5.33E-06	-1.01E-05	1.24E-04	-1.17E-05	-1.39E-04	6.94E-05	-5.51E-05				
20	312.00	2.12E+00	1.76E+00	1.21E+00	4.38E+00	-9.14E-01	-4.74E+00	6.33E+00	-2.44E+00	43.63	2.12E+00	4.38E+00	
	-68.00	2.56E-05	1.18E-05	-9.42E-06	3.37E-04	-7.03E-05	-3.65E-04	1.87E-04	-1.50E-04				
21	360.67	-1.91E+00	-1.07E+00	-1.74E+00	2.11E+00	1.49E-01	-2.43E+00	6.60E-01	-3.65E+00	50.61	-1.07E+00	-2.11E+00	
	-88.00	-2.17E-05	1.06E-05	-1.40E-05	1.63E-04	1.14E-05	-1.87E-04	7.73E-05	-8.84E-05				
22	409.33	1.20E+00	1.63E+00	6.54E-01	4.17E+00	-6.70E-03	-5.19E+00	5.59E+00	-2.76E+00	46.48	5.54E+00	-6.50E-01	
	-68.00	7.81E-06	2.44E-05	-1.31E-05	3.21E-04	-5.15E-07	-3.99E-04	1.77E-04	-1.44E-04				
23	324.00	7.26E-01	1.51E-01	-2.13E-01	1.73E+00	-6.45E-01	-1.68E+00	2.19E+00	-1.31E+00	40.28	7.26E-01	1.73E+00	
	-19.00	2.06E-05	-1.48E-06	-1.55E-05	1.33E-04	-4.96E-05	-1.30E-04	7.69E-05	-5.76E-05				
24	372.00	4.07E-01	-3.62E-01	-6.23E-01	4.43E+00	-6.20E-01	-4.74E+00	4.47E+00	-4.43E+00	42.52	4.07E-01	4.43E+00	
	-9.33	2.20E-05	-7.56E-06	-1.76E-05	3.41E-04	-4.77E-05	-3.65E-04	1.78E-04	-1.64E-04				
25	401.25	2.32E-01	-3.39E-02	-6.23E-01	1.46E+00	-2.00E-01	-1.98E+00	1.57E+00	-1.37E+00	42.41	-1.15E+00	7.69E-01	
	-19.00	1.36E-05	3.37E-06	-1.93E-05	1.13E-04	-1.54E-05	-1.52E-04	6.51E-05	-4.81E-05				
26	427.67	2.22E+00	2.08E+00	1.13E+00	5.01E+00	-8.46E-01	-6.74E+00	7.16E+00	-2.86E+00	44.62	5.17E+00	4.00E+00	
	-9.33	2.57E-05	2.05E-05	-1.63E-05	3.86E-04	-6.51E-05	-5.18E-04	2.16E-04	-1.70E-04				
27	457.00	3.80E-01	7.83E-01	3.92E-01	3.93E+00	3.10E-02	-4.15E+00	4.51E+00	-3.35E+00	46.47	3.80E-01	3.93E+00	
	-303.00	-2.91E-06	1.54E-05	-2.38E-06	3.57E-04	2.81E-06	-3.77E-04	1.85E-04	-1.73E-04				
28	457.00	3.33E-01	5.72E-01	1.61E-01	3.67E+00	2.97E-02	-3.79E+00	4.12E+00	-3.21E+00	45.93	3.33E-01	3.67E+00	
	-213.00	1.30E-06	1.21E-05	-6.53E-06	3.33E-04	2.70E-06	-3.44E-04	1.73E-04	-1.60E-04				
29	457.00	7.91E-01	5.19E-01	-1.46E-01	2.91E+00	2.07E-01	-3.17E+00	3.57E+00	-2.26E+00	43.66	7.91E-01	2.91E+00	
	-138.00	1.19E-05	5.69E-06	-9.42E-06	1.32E-04	9.39E-06	-1.44E-04	7.50E-05	-5.74E-05				
30	442.00	1.20E+00	2.72E+00	1.12E+00	4.97E+00	1.90E-01	-5.39E+00	6.98E+00	-3.07E+00	49.33	1.20E+00	4.97E+00	
	-68.00	-9.20E-06	4.90E-05	-1.21E-05	3.82E-04	1.46E-05	-4.15E-04	2.13E-04	-1.73E-04				
31	457.33	-5.84E+00	-2.52E+00	-3.68E+00	1.73E+00	2.75E+00	-2.90E+00	-1.78E+00	-6.58E+00	66.89	-2.52E+00	-1.73E+00	
	-88.00	-9.22E-05	3.54E-05	-9.34E-06	1.33E-04	2.12E-04	-2.23E-04	6.38E-05	-1.21E-04				
32	472.67	9.81E+00	8.59E+00	7.03E+00	4.26E+00	-1.60E+00	-6.88E+00	1.35E+01	4.90E+00	40.96	1.24E+01	2.86E+00	
	-68.00	9.77E-05	5.11E-05	-9.04E-06	3.28E-04	-1.23E-04	-5.30E-04	2.40E-04	-9.12E-05				
33	443.00	9.17E-01	7.96E-01	-3.47E-02	2.55E+00	-2.71E-01	-2.64E+00	3.41E+00	-1.70E+00	44.32	9.17E-01	2.55E+00	
	-19.50	1.68E-05	1.22E-05	-1.98E-05	1.97E-04	-2.09E-05	-2.03E-04	1.13E-04	-8.38E-05				
34	454.00	7.87E+00	6.08E+00	5.01E+00	6.41E+00	-1.91E+00	-8.58E+00	1.34E+01	5.04E-01	41.03	1.04E+01	5.48E+00	
	-11.33	9.43E-05	2.65E-05	-1.57E-05	4.93E-04	-1.47E-04	-6.60E-04	3.09E-04	-1.89E-04				
35	461.67	2.35E+00	3.07E+00	1.60E+00	6.06E+00	-4.76E-01	-8.87E+00	8.78E+00	-3.36E+00	46.69	2.35E+00	6.06E+00	
	-12.00	1.32E-05	4.08E-05	-1.55E-05	4.66E-04	-3.66E-05	-6.83E-04	2.61E-04	-2.07E-04				
36	469.00	-4.71E+00	-1.67E+00	-3.17E+00	6.06E-01	2.45E+00	-3.57E+00	-1.56E+00	-4.83E+00	79.13	-1.67E+00	-6.06E-01	
	-30.00	-7.63E-05	4.07E-05	-1.68E-05	4.66E-05	1.89E-04	-2.75E-04	4.52E-05	-8.08E-05				
37	476.33	4.06E+00	5.62E+00	3.27E+00	4.15E+00	-5.13E-01	-7.33E+00	9.07E+00	6.17E-01	50.32	5.75E+00	4.13E+00	
	-12.00	1.39E-05	7.39E-05	-1.66E-05	3.19E-04	-3.95E-05	-5.64E-04	2.06E-04	-1.19E-04				
38	558.50	-1.47E-01	2.17E-01	-1.97E-02	3.65E+00	1.37E-01	-3.93E+00	3.69E+00	-3.62E+00	46.43	-1.47E-01	3.65E+00	
	-303.00	-7.34E-06	9.22E-06	-1.55E-06	3.32E-04	1.24E-05	-3.57E-04	1.67E-04	-1.65E-04				
39	558.50	1.41E-01	7.67E-01	2.51E-01	3.63E+00	2.77E-01	-3.81E+00	4.10E+00	-3.19E+00	47.46	1.41E-01	3.63E+00	
	-213.00	-8.64E-06	1.98E-05	-3.63E-06	3.30E-04	2.52E-05	-3.46E-04	1.71E-04	-1.60E-04				
40	506.17	-9.95E-02	1.79E+00	6.40E-02	8.10E+00	7.72E-01	-8.03E+00	8.98E+00	-7.34E+00	48.24	-9.95E-02	8.10E+00	
	-128.00	-1.12E-05	3.06E-05	-7.50E-06	3.68E-04	3.51E-05	-3.65E-04	1.95E-04	-1.76E-04				
41	558.50	-2.67E+00	1.11E+00	-5.55E-01	3.56E+00	2.25E+00	-5.10E+00	3.25E+00	-4.81E+00	58.99	1.11E+00	-3.56E+00	
	-148.00	-4.06E-05	3.63E-05	-1.53E-06	1.62E-04	1.02E-04	-2.32E-04	8.49E-05	-9.81E-05				
42	610.83	4.93E-01	1.90E+00	6.37E-01	7.01E+00	1.49E+00	-6.27E+00	8.24E+00	-5.85E+00	47.86	8.14E+00	-1.16E+00	
	-128.00	-4.69E-06	2.72E-05	-1.40E-06	3.19E-04	6.79E-05	-2.85E-04	1.71E-04	-1.49E-04				
43	501.38	-7.23E-01	-1.10E-02	-7.00E-01	1.85E+00	8.00E-01	-2.34E+00	1.52E+00	-2.25E+00	50.44	-7.23E-01	1.85E+00	
	-78.00	-1.20E-05	1.53E-05	-1.12E-05	1.42E-04	6.16E-05	-1.80E-04	7.42E-05	-7.09E-05				
44	534.67	1.24E+00	1.46E+00	8.75E-01	5.91E+00	4.95E-01	-7.45E+00	7.26E+00	-4.56E+00	45.53	7.19E+00	-9.18E-01	

3704

	-68.00	8.38E-06	1.66E-05	-5.58E-06	4.55E-04	3.01E-05	-5.73E-04	2.40E-04	-2.15E-04				
45	584.67	-1.03E+00	-3.04E-01	-7.18E-01	5.56E+00	1.56E+00	-4.95E+00	4.90E+00	-6.23E+00	46.86	-1.03E+00	5.56E+00	
	-68.00	-1.70E-05	1.09E-05	-5.11E-06	4.27E-04	1.22E-04	-3.81E-04	2.11E-04	-2.17E-04				
46	610.83	-5.69E+00	-1.20E+00	-2.65E+00	3.01E+00	2.78E+00	-4.05E+00	3.09E-01	-7.25E+00	43.35	-1.20E+00	-3.01E+00	
	-88.00	-1.14E-04	5.86E-05	3.06E-06	2.32E-04	2.14E-04	-3.12E-04	1.17E-04	-1.72E-04				
47	482.63	-1.73E-01	4.06E-01	-6.47E-01	1.34E+00	7.52E-01	-2.68E+00	1.49E+00	-1.26E+00	51.08	-1.73E-01	1.34E+00	
	-21.00	-2.11E-06	2.02E-05	-2.03E-05	1.03E-04	5.79E-05	-2.06E-04	6.19E-05	-4.39E-05				
48	485.83	2.11E+00	3.16E+00	1.[illegible]E+00	3.88E+00	1.05E-01	-8.17E+00	6.56E+00	-1.28E+00	48.85	2.62E+00	3.92E+00	
	-12.00	6.07E-06	4.65E-05	-1.49E-05	2.99E-04	8.19E-06	-6.29E-04	1.77E-04	-1.24E-04				
49	507.88	-3.35E-03	-1.01E-02	-6.49E-01	1.46E+00	4.84E-01	-2.95E+00	1.46E+00	-1.47E+00	44.93	-3.35E-03	1.46E+00	
	-21.00	7.15E-06	6.89E-06	-1.77E-05	1.13E-04	3.72E-05	-2.27E-04	6.33E-05	-4.93E-05				
50	538.67	1.19E+00	8.19E-01	5.10E-01	5.23E+00	2.02E+00	-6.41E+00	6.24E+00	-4.23E+00	43.99	6.19E+00	-6.90E-01	
	-10.00	1.81E-05	3.83E-06	-8.05E-06	4.02E-04	1.55E-04	-4.93E-04	2.12E-04	-1.90E-04				
51	484.67	-1.69E+01	-1.17E+01	-1.23E+01	-3.44E-01	1.32E+00	-8.61E-01	-1.17E+01	-1.69E+01	-86.25	-1.17E+01	3.44E-01	
	8.00	-2.00E-04	6.27E-07	-2.50E-05	-2.65E-05	1.01E-04	-6.62E-05	1.50E-06	-2.01E-04				
52	507.00	4.23E+00	5.09E+00	3.03E+00	2.81E+00	9.32E-01	2.67E+00	7.51E+00	1.81E+00	49.34	6.90E+00	1.76E+00	
	9.00	2.70E-05	6.00E-05	-1.92E-05	2.17E-04	7.17E-05	2.06E-04	1.53E-04	-6.60E-05				
53	603.00	1.27E-01	4.15E-02	1.18E-01	2.18E+00	1.07E+00	-2.06E+00	2.26E+00	-2.09E+00	44.44	-1.24E+00	1.73E+00	
	-18.00	1.75E-06	-1.55E-06	1.37E-06	1.68E-04	8.27E-05	-1.59E-04	8.39E-05	-8.37E-05				
54	712.00	-2.12E-01	4.44E-01	1.16E-01	3.41E+00	3.12E-01	-3.19E+00	3.54E+00	-3.31E+00	47.75	-2.12E-01	3.41E+00	
	-303.00	-1.42E-05	1.57E-05	7.53E-07	3.10E-04	2.84E-05	-2.90E-04	1.57E-04	-1.55E-04				
55	712.00	-1.87E+00	-8.83E-01	-9.55E-01	3.73E+00	1.00E+00	-3.11E+00	2.39E+00	-5.14E+00	48.78	-1.87E+00	3.73E+00	
	-213.00	-3.69E-05	8.06E-06	4.90E-06	3.39E-04	9.12E-05	-2.83E-04	1.57E-04	-1.86E-04				
56	712.00	-2.56E+00	-1.12E+00	-5.70E-01	2.81E+00	2.39E+00	-2.35E+00	1.05E+00	-4.74E+00	52.21	-2.56E+00	2.81E+00	
	-138.00	-3.59E-05	-3.16E-06	9.36E-06	1.28E-04	1.09E-04	-1.07E-04	4.63E-05	-8.54E-05				
57	712.00	-6.54E-01	1.22E-01	1.77E-01	1.79E+00	9.95E-01	-1.96E+00	1.56E+00	-2.10E+00	51.12	-6.54E-01	1.79E+00	
	-78.00	-2.12E-05	8.59E-06	1.07E-05	1.38E-04	7.66E-05	-1.51E-04	6.40E-05	-7.67E-05				
58	712.00	-8.47E-01	-4.89E-01	-9.25E-02	2.40E+00	9.03E-01	-2.23E+00	1.74E+00	-3.08E+00	47.13	-8.47E-01	2.40E+00	
	-18.00	-1.69E-05	-3.10E-06	1.21E-05	1.85E-04	6.95E-05	-1.71E-04	8.26E-05	-1.03E-04				
59	837.00	-9.62E+00	-5.27E+00	-5.96E+00	2.85E+00	1.59E+00	-2.65E+00	-3.87E+00	-1.10E+01	63.67	-5.27E+00	-2.85E+00	
	-318.00	-1.66E-04	3.10E-05	.00E+00	2.59E-04	1.44E-04	-2.40E-04	9.50E-05	-2.30E-04				
60	887.00	-1.30E+00	3.86E-02	-5.06E-01	7.60E+00	6.73E-01	-5.69E+00	7.00E+00	-8.26E+00	47.52	6.39E+00	-2.98E+00	
	-288.00	-3.63E-05	2.48E-05	.00E+00	6.91E-04	6.12E-05	-5.18E-04	3.41E-04	-3.52E-04				
61	987.00	1.76E+00	1.29E+00	1.22E+00	7.69E+00	-2.51E-01	-4.99E+00	9.22E+00	-6.17E+00	44.12	1.76E+00	7.69E+00	
	-288.00	2.46E-05	3.11E-06	.00E+00	6.99E-04	-2.28E-05	-4.54E-04	3.64E-04	-3.36E-04				
62	1037.00	-9.39E+00	-5.57E+00	-5.98E+00	5.61E+00	1.17E+00	-3.88E+00	-1.55E+00	-1.34E+01	54.39	-5.57E+00	-5.61E+00	
	-318.00	-1.55E-04	1.88E-05	.00E+00	5.10E-04	1.06E-04	-3.53E-04	2.01E-04	-3.38E-04				
63	862.00	-1.64E-01	-9.78E-03	2.78E-01	3.84E+00	2.49E-01	-2.91E+00	3.75E+00	-3.93E+00	45.58	-1.64E-01	3.84E+00	
	-213.00	-8.81E-06	-1.80E-06	1.13E-05	3.49E-04	2.26E-05	-2.64E-04	1.69E-04	-1.80E-04				
64	1012.00	5.66E-01	4.22E-01	7.74E-01	4.11E+00	-4.03E-02	-2.82E+00	4.61E+00	-3.62E+00	44.50	5.66E-01	4.11E+00	
	-213.00	2.82E-06	-3.71E-06	1.23E-05	3.74E-04	-3.66E-06	-2.56E-04	1.87E-04	-1.87E-04				
65	837.00	-1.88E-01	-2.09E-01	9.85E-01	2.94E+00	1.27E+00	-3.16E+00	2.74E+00	-3.14E+00	44.89	-2.09E-01	-2.94E+00	
	-148.00	-7.35E-06	-7.84E-06	1.93E-05	1.34E-04	5.79E-05	-1.44E-04	5.92E-05	-7.44E-05				
66	937.00	-5.35E-01	-9.61E-02	7.97E-01	5.07E+00	5.65E-01	-3.47E+00	4.76E+00	-5.39E+00	46.23	3.34E+00	-3.52E+00	
	-128.00	-1.30E-05	-3.09E-06	1.72E-05	2.30E-04	2.57E-05	-1.58E-04	1.07E-04	-1.23E-04				
67	1037.00	-4.95E+00	-1.06E+00	-7.06E-01	4.93E+00	1.76E+00	-4.20E+00	2.33E+00	-8.23E+00	55.51	-1.06E+00	-4.93E+00	
	-148.00	-7.55E-05	1.06E-05	1.86E-05	2.24E-04	7.98E-05	-1.91E-04	8.75E-05	-1.52E-04				
68	837.00	-1.69E+00	-1.46E+00	-6.84E-01	5.53E+00	1.17E+00	-3.81E+00	3.95E+00	-7.10E+00	45.60	-1.69E+00	5.53E+00	
	-68.00	-2.29E-05	-1.40E-05	1.59E-05	4.25E-04	9.01E-05	-2.93E-04	1.94E-04	-2.31E-04				
69	937.00	-1.88E+00	4.66E-01	2.98E-01	3.10E+00	1.16E+00	-2.63E+00	2.60E+00	-4.02E+00	55.38	4.66E-01	-3.10E+00	
	-88.00	-6.01E-05	3.02E-05	2.37E-05	2.38E-04	8.92E-05	-2.02E-04	1.12E-04	-1.42E-04				
70	1037.00	9.96E-02	8.36E-01	1.15E+00	5.26E+00	-3.42E-01	-5.58E+00	5.74E+00	-4.80E+00	47.00	4.36E+00	-3.55E+00	
	-68.00	-1.91E-05	9.18E-06	2.14E-05	4.05E-04	-2.63E-05	-4.29E-04	1.98E-04	-2.08E-04				
71	862.00	-1.25E+00	-6.99E-01	1.52E-02	2.37E+00	9.91E-01	-2.15E+00	1.41E+00	-3.36E+00	48.32	-1.25E+00	2.37E+00	
	-18.00	-2.69E-05	-5.63E-06	2.19E-05	1.82E-04	7.62E-05	-1.65E-04	7.56E-05	-1.06E-04				
72	1012.00	4.91E-01	6.92E-01	1.35E+00	2.56E+00	-1.57E-01	-1.84E+00	3.16E+00	-1.97E+00	46.12	4.91E-01	2.56E+00	
	-18.00	-8.95E-06	-1.24E-06	2.41E-05	1.97E-04	-1.21E-05	-1.42E-04	9.35E-05	-1.04E-04				
73	1387.00	5.45E-01	6.01E-01	5.96E-01	2.99E+00	1.96E-02	-1.49E+00	3.56E+00	-2.42E+00	45.27	5.45E-01	2.99E+00	
	-303.00	2.16E-06	4.69E-06	4.46E-06	2.72E-04	1.78E-06	-1.35E-04	1.39E-04	-1.32E-04				
74	1387.00	9.73E-02	-7.09E-03	4.62E-01	3.18E+00	9.29E-02	-1.52E+00	3.23E+00	-3.14E+00	44.53	9.73E-02	3.18E+00	
	-213.00	-2.75E-06	-7.50E-06	1.38E-05	2.90E-04	8.45E-06	-1.38E-04	1.40E-04	-1.50E-04				
75	1387.00	-3.75E-02	2.92E-01	1.23E+00	2.35E+00	2.66E-01	-9.80E-01	2.49E+00	-2.23E+00	47.00	-3.75E-02	2.35E+00	
	-138.00	8.61E-06	-1.12E-06	2.01E-05	1.07E-04	1.21E-05	-[illegible]E-05	4.88E-05	-5.85E-05				
76	1187	[illegible]04E+00	-7.35E-01	-2.71E-02	3.48E+00	8.03E-01	[illegible]-01	2.60E+00	-4.37E+00	46.24	-1.04E+00	3.[illegible]	

	-68.0	[illegible]01E-05	-8.50E-06	1.87E-05	2.68E-04	6.18E-05	[illegible]E-05	1.20E-04	-1.48E-04				
77	1387.0	[illegible].15E+00	-8.26E-01	1.61E-01	1.90E+00	5.78E-01	[illegible]+00	9.18E-01	-2.90E+00	47.35	-8.36E-01	-1.90E[illegible]	
	-88.00	[illegible].44E-05	-1.23E-05	2.68E-05	1.46E-04	4.44E-05	-1[illegible]E-04	5.51E-05	-9.18E-05				
78	1587.00	-2.76E-02	-1.55E-02	8.075E-01	2.27E+00	-8.61E-02	-4.42E-01	2.22E+00	-2.33E+00	45.52	-8.55E-01	-2.08E+00	
	-68.00	-1.14E-05	-8.22E-06	2.34E-05	1.75E-04	-6.62E-06	-3.40E-05	7.76E-05	-9.72E-05				
79	1237.00	-1.45E+00	-5.42E-01	1.48E-01	2.00E+00	7.66E-01	-1.00E+00	1.05E+00	-3.04E+00	51.38	-1.45E+00	2.00E+00	
	-18.00	-3.54E-05	-6.46E-07	2.59E-05	1.53E-04	5.90E-05	-7.70E-05	6.07E-05	-9.67E-05				
80	1433.80	-8.69E-01	-3.67E-01	4.92E-01	2.34E+00	2.73E-01	-7.07E-01	1.73E+00	-2.97E+00	48.06	-8.69E-01	2.34E+00	
	-8.00	-2.52E-05	-5.95E-06	2.71E-05	1.80E-04	2.10E-05	-5.44E-05	7.48E-05	-1.06E-04				
81	1533.80	-1.41E+00	-3.50E-01	2.56E-01	1.42E+00	1.64E-01	-4.48E-01	6.35E-01	-2.40E+00	55.24	-3.50E-01	-1.42E+00	
	-28.00	-3.77E-05	3.07E-06	2.64E-05	1.09E-04	1.26E-05	-3.45E-05	4.10E-05	-7.56E-05				
82	1633.80	-1.38E+00	-4.17E-01	1.82E-01	4.65E-01	-1.25E-01	-9.32E-03	-2.30E-01	-1.57E+00	68.05	-2.30E-01	-3.16E-02	
	-8.00	-3.54E-05	1.73E-06	2.49E-05	3.57E-05	-9.59E-06	-7.17E-07	8.93E-06	-4.26E-05				
83	1433.80	-6.02E+00	-2.61E+00	-2.25E+00	1.58E+00	1.68E+00	-5.87E-01	-1.99E+00	-6.64E+00	68.58	-2.61E+00	-1.58E+00	
	27.60	-1.11E-04	2.03E-05	3.02E-05	1.22E-04	1.29E-04	-4.52E-05	4.41E-05	-1.35E-04				
84	1296.10	-2.11E+00	-2.71E-01	1.25E-01	1.71E+00	8.43E-01	-8.87E-01	7.48E-01	-3.13E+00	59.17	-1.32E+00	-1.94E+00	
	40.70	-5.54E-05	1.44E-05	2.96E-05	1.31E-04	6.49E-05	-6.82E-05	5.36E-05	-9.56E-05				
85	1148.60	-9.31E-01	4.05E-01	6.94E-01	2.16E+00	9.02E-01	-1.06E-01	2.00E+00	-2.52E+00	53.59	1.64E+00	1.22E+00	
	57.33	-3.77E-05	1.37E-05	2.49E-05	1.66E-04	6.94E-05	-8.17E-06	7.50E-05	-9.89E-05				
86	1131.60	-7.61E+00	-3.67E+00	-3.16E+00	8.13E-01	3.18E+00	3.33E-02	-3.51E+00	-7.77E+00	78.78	-3.67E+00	-8.13E-01	
	112.00	-1.34E-04	1.75E-05	3.71E-05	6.26E-05	2.45E-04	2.56E-06	2.37E-05	-1.40E-04				
87	1019.80	-2.22E+00	-7.65E-01	-1.77E-01	2.41E+00	1.33E+00	-3.69E+00	1.02E+00	-6.01E+00	53.44	-7.65E-01	-2.41E+00	
	34.67	-9.08E-05	5.38E-06	2.80E-05	1.85E-04	1.02E-04	-2.84E-04	7.40E-05	-1.19E-04				
88	986.60	-1.00E+00	-3.14E-01	3.17E-01	1.90E+00	6.37E-01	-2.02E+00	1.27E+00	-2.59E+00	50.15	-1.00E+00	1.90E+00	
	46.00	-2.76E-05	-1.09E-06	2.32E-05	1.46E-04	4.90E-05	-1.55E-04	5.98E-05	-8.84E-05				
89	869.80	-4.95E+00	-2.12E+00	-1.75E+00	9.78E-01	1.97E+00	-4.46E-01	-1.81E+00	-5.25E+00	72.69	-2.12E+00	-9.78E-01	
	96.00	-9.35E-05	1.85E-05	2.95E-05	7.52E-05	1.52E-04	-3.43E-05	2.72E-05	-1.05E-04				
90	952.60	-7.26E-01	2.43E+00	1.66E+00	2.93E+00	9.16E-01	-2.11E+00	4.18E+00	-2.48E+00	59.14	3.41E+00	-2.13E+00	
	128.00	-6.49E-05	5.65E-05	2.70E-05	2.26E-04	7.05E-05	-1.62E-04	1.24E-04	-1.32E-04				
91	869.80	-1.42E+00	-2.77E-01	1.69E-01	1.25E+00	1.01E+00	-2.58E-01	5.26E-01	-2.23E+00	57.32	-1.42E+00	1.25E+00	
	160.00	-3.79E-05	6.20E-06	2.33E-05	9.63E-05	7.74E-05	-1.98E-05	3.71E-05	-6.88E-05				
92	869.80	-6.85E+00	-2.23E+00	-2.30E+00	6.82E-01	3.71E+00	-7.96E-01	-2.13E+00	-6.95E+00	81.79	-2.23E+00	-6.82E-01	
	203.60	-1.39E-04	3.93E-05	3.68E-05	5.25E-05	2.85E-04	-6.12E-05	4.31E-05	-1.42E-04				
93	598.67	2.27E-01	1.62E-02	3.46E-01	3.73E+00	2.62E+00	-4.43E+00	3.86E+00	-3.61E+00	44.19	1.62E-02	-3.73E+00	
	16.00	2.24E-06	-5.85E-06	6.84E-06	2.87E-04	2.02E-04	-3.41E-04	1.42E-04	-1.45E-04				
94	645.75	-6.34E-01	-3.49E-01	-1.02E-01	2.39E+00	1.05E+00	-2.05E+00	1.91E+00	-2.89E+00	46.70	-6.34E-01	2.39E+00	
	24.00	-1.25E-05	-1.51E-06	8.01E-06	1.84E-04	8.05E-05	-1.58E-04	8.52E-05	-9.92E-05				
95	613.10	-1.03E+00	-1.57E+00	-9.52E-01	4.08E+00	1.13E+00	-8.09E-03	2.79E+00	-5.39E+00	43.13	-1.03E+00	4.08E+00	
	69.33	-7.10E-07	-2.12E-05	2.42E-06	3.14E-04	8.70E-05	-6.22E-07	1.46E-04	-1.68E-04				
96	708.45	-1.24E+00	-2.73E-01	-2.56E-02	1.93E+00	1.08E+00	-1.53E+00	1.23E+00	-2.74E+00	52.01	-1.47E+00	-1.85E+00	
	58.00	-3.07E-05	6.37E-06	1.59E-05	1.48E-04	8.33E-05	-1.18E-04	6.43E-05	-8.86E-05				
97	613.10	-3.66E+00	-1.55E+00	-1.43E+00	1.28E+00	3.69E+00	-9.89E-01	-9.49E-01	-4.26E+00	64.78	-1.55E+00	-1.28E+00	
	96.00	-6.78E-05	1.34E-05	1.79E-05	9.82E-05	2.84E-04	-7.61E-05	3.65E-05	-9.09E-05				
98	682.27	-1.36E+00	-4.12E-01	-1.21E-01	2.60E+00	1.14E+00	-1.47E+00	1.76E+00	-3.53E+00	50.14	1.43E+00	-1.27E+00	
	112.00	-3.14E-05	4.92E-06	1.61E-05	2.00E-04	8.78E-05	-1.13E-04	8.84E-05	-1.15E-04				
99	751.43	-4.25E+00	1.06E+00	-4.32E-01	2.95E+00	2.54E+00	-3.85E+00	2.38E+00	-5.57E+00	65.99	1.06E+00	-2.95E+00	
	96.00	-1.24E-04	8.06E-05	2.32E-05	2.27E-04	1.95E-04	-2.96E-04	1.31E-04	-1.74E-04				
100	683.25	-1.06E+00	-1.41E-01	1.83E-01	9.77E-01	8.84E-01	-1.41E+00	4.78E-01	-1.68E+00	57.65	-1.06E+00	9.77E-01	
	152.00	-2.97E-05	5.82E-06	1.83E-05	7.51E-05	6.80E-05	-1.09E-04	2.96E-05	-5.35E-05				
101	648.67	-5.94E+00	-2.69E+00	-2.53E+00	5.46E-01	2.52E+00	-7.58E-01	-2.61E+00	-6.03E+00	80.70	-2.69E+00	-5.46E-01	
	192.00	-1.06E-04	1.51E-05	2.53E-05	4.20E-05	1.93E-04	-5.83E-05	2.25E-05	-1.09E-04				
102	725.25	-8.46E-01	5.90E-01	6.49E-01	1.08E+00	6.84E-01	-1.07E+00	1.17E+00	-1.42E+00	61.82	-8.81E-02	-1.30E+00	
	232.70	-3.69E-05	1.84E-05	2.06E-05	8.30E-05	5.26E-05	-8.25E-05	4.06E-05	-5.91E-05				
103	635.50	-9.83E-01	-1.26E+00	-3.36E-01	-4.33E-02	5.41E-01	5.63E-01	-9.77E-01	-1.27E+00	-8.68	-9.83E-01	-4.33E-02	
	256.00	-9.48E-06	-2.01E-05	1.54E-05	-3.33E-06	4.16E-05	4.33E-05	-9.22E-06	-2.04E-05				
104	635.50	-2.00E+00	-1.40E+00	-4.36E-01	-1.34E-01	1.69E+00	-7.21E-02	-1.37E+00	-2.03E+00	-78.02	-1.40E+00	1.34E-01	
	290.67	-3.48E-05	-1.16E-05	2.53E-05	-1.03E-05	1.45E-04	-5.55E-06	-1.05E-05	-3.59E-05				
105	569.00	7.04E-01	1.17E-01	2.48E-01	3.94E+00	1.38E+00	-3.73E+00	4.37E+00	-3.54E+00	42.87	7.04E-01	3.94E+00	
	16.50	1.53E-05	-7.23E-06	-2.21E-06	3.03E-04	1.06E-04	-2.87E-04	1.56E-04	-1.48E-04				
106	508.50	7.92E+00	5.34E+00	5.10E+00	2.81E+00	3.26E+00	-1.08E+00	9.73E+00	3.53E+00	32.65	5.34E+00	-2.81E+00	
	13.00	1.03E-04	3.49E-06	-5.50E-06	2.16E-04	2.51E-04	-8.27E-05	1.72E-04	-6.59E-05				
107	521.00	2.20E+00	1.08E+00	8.43E-01	3.86E+00	1.13E+00	-2.02E+00	5.54E+00	-2.27E+00	40.86	2.20E+00	3.86E+00	
	15.75	3.94E-05	-3.89E-06	-1.29E-05	2.97E-04	8.70E-05	-1.55E-04	1.68E-04	-1.32E-04				
108	526.25	1.90E+00	9.16E-01	7.61E-01	4.26E+00	9.65E-01	-2.10E+00	5.70E+00	-2.88E+00	41.69	1.90E+00	4.26E+00	

	21.00	3.35E-05	-4.14E-06	-1.01E-05	3.28E-04	7.42E-05	-1.61E-04	1.8CE-04	-1.50E-04				
109	515.50	4.94E+00	3.37E+00	3.32E+00	5.24E+00	2.35E+00	-1.09E+00	9.46E+00	-1.15E+00	40.72	3.37E+00	-5.24E+00	
	26.00	5.23E-05	1.62E-06	1.41E-09	4.03E-04	1.81E-04	-8.36E-05	2.36E-04	-1.72E-04				
110	531.50	7.67E-01	5.20E-01	3.52E-01	3.49E+00	6.50E-01	-1.82E+00	5.14E+00	-2.84E+00	44.02	7.67E-01	3.49E+00	
	34.50	1.13E-05	2.18E-06	-4.43E-06	2.59E-04	5.30E-05	-1.40E-04	1.41E-04	-1.27E-04				
111	515.50	-2.66E+00	-4.16E+00	-3.05E+00	1.02E+01	5.56E-01	8.15E-01	6.78E+00	-1.36E+01	42.88	-2.66E+00	1.02E+01	
	44.00	6.24E-06	-5.16E-05	-9.82E-06	7.82E-04	4.28E-05	6.27E-05	2.65E-04	-4.15E-04				
112	515.50	-9.87E-01	-4.94E-01	-4.89E-01	2.35E+00	1.42E+00	-8.88E-01	1.63E+00	-3.11E+00	47.99	-4.94E-01	-2.35E+00	
	53.33	-1.63E-05	2.63E-06	2.87E-06	1.81E-04	1.09E-04	-6.83E-05	8.42E-05	-9.79E-05				
113	547.50	-1.19E+00	9.47E-01	-1.23E-04	3.77E+00	8.23E-01	-4.20E+00	3.79E+00	-4.04E+00	52.94	2.11E+00	-3.21E+00	
	64.00	-4.32E-05	3.91E-05	2.71E-06	2.90E-04	6.33E-05	-3.23E-04	1.49E-04	-1.53E-04				
114	515.50	-3.08E+00	-3.54E+00	-2.65E+00	4.23E+00	3.05E-01	-6.69E-01	9.27E-01	-7.55E+00	43.44	-3.08E+00	4.23E+00	
	74.67	-1.66E-05	-3.44E-05	4.66E-08	3.26E-04	2.35E-05	-5.15E-05	1.38E-04	-1.89E-04				
115	515.50	-6.29E+00	-3.87E+00	-3.02E+00	1.54E+00	1.05E+00	-8.47E-01	-3.12E+00	-7.04E+00	64.68	-3.87E+00	-1.54E+00	
	88.00	-8.72E-05	5.83E-06	3.95E-06	1.18E-04	8.09E-05	-6.51E-05	3.46E-05	-1.16E-04				
116	547.50	-3.55E+00	-1.62E-01	-1.35E+00	4.77E+00	6.87E-01	-2.93E+00	3.20E+00	-6.91E+00	54.78	1.88E+00	-3.61E+00	
	104.00	-8.09E-05	4.94E-05	3.72E-06	3.67E-04	5.29E-05	-2.25E-04	1.79E-04	-2.10E-04				
117	515.50	-1.08E+00	-1.09E+00	-6.16E-01	3.41E+00	9.99E-02	-1.30E+00	2.32E+00	-4.50E+00	44.97	-1.08E+00	3.41E+00	
	120.00	-1.10E-05	-1.13E-05	6.97E-06	2.62E-04	7.69E-06	-1.00E-04	1.20E-04	-1.42E-04				
118	515.50	-4.19E+00	-2.46E+00	-2.28E+00	1.31E+00	5.85E-01	-7.10E-01	-1.75E+00	-4.89E+00	61.60	-2.46E+00	-1.31E+00	
	136.00	-6.27E-05	3.46E-06	1.02E-05	1.01E-04	4.50E-05	-5.46E-05	3.08E-05	-9.00E-05				
119	547.50	-3.12E+00	-9.60E-01	-1.28E+00	3.11E+00	3.80E-01	-1.51E+00	1.26E+00	-5.33E+00	54.55	3.79E-01	-2.24E+00	
	152.00	-6.10E-05	2.19E-05	9.60E-06	2.39E-04	2.92E-05	-1.16E-04	1.07E-04	-1.46E-04				
120	515.50	-1.49E+00	-1.26E+00	-6.29E-01	2.24E+00	1.11E-01	-4.87E-01	8.70E-01	-3.62E+00	46.47	-1.49E+00	2.24E+00	
	168.00	-2.02E-05	-1.13E-05	1.29E-05	1.72E-04	8.57E-06	-3.75E-05	7.06E-05	-1.02E-04				
121	515.50	-5.59E+00	-3.36E+00	-3.01E+00	1.01E+00	7.36E-01	-5.25E-01	-2.95E+00	-5.98E+00	68.98	-3.34E+00	-1.01E+00	
	184.00	-8.38E-05	2.72E-06	1.54E-05	7.80E-05	5.66E-05	-4.04E-05	1.77E-05	-9.88E-05				
122	547.50	-1.77E+00	1.19E+00	2.97E-01	3.46E+00	3.78E-01	-2.32E+00	3.48E+00	-4.06E+00	56.60	2.65E+00	-2.36E+00	
	200.00	-6.51E-05	4.90E-05	1.45E-05	2.66E-04	2.91E-05	-1.78E-04	1.37E-04	-1.53E-04				
123	515.50	8.03E-01	1.35E+00	1.52E+00	1.58E+00	-1.44E-01	-6.56E-01	2.68E+00	-5.31E-01	49.86	8.03E-01	1.58E+00	
	216.00	-9.41E-06	1.14E-05	1.81E-05	1.22E-04	-1.11E-05	-5.05E-05	6.28E-05	-6.07E-05				
124	515.50	-1.53E+00	-7.09E-01	-2.05E-01	3.87E-01	7.47E-02	-3.49E-01	-5.56E-01	-1.65E+00	68.42	-7.09E-01	-3.87E-01	
	232.00	-3.21E-05	-3.59E-07	1.90E-05	2.98E-05	5.74E-06	-2.69E-05	5.53E-06	-3.80E-05				
125	547.50	-4.74E-01	1.18E-01	5.09E-01	7.94E-01	-2.32E-02	-1.70E+00	6.69E-01	-1.03E+00	55.22	4.57E-01	-5.61E-01	
	248.00	-1.99E-05	2.86E-06	1.79E-05	6.11E-05	-1.78E-06	-1.30E-04	2.41E-05	-4.11E-05				
126	515.50	1.67E+00	2.39E+00	2.33E+00	-2.57E-01	-4.13E-01	-1.00E+00	2.47E+00	1.59E+00	-72.32	1.67E+00	-2.57E-01	
	264.00	-6.07E-06	2.17E-05	1.95E-05	-1.97E-05	-3.18E-05	-7.70E-05	2.49E-05	-9.22E-06				
127	515.50	-5.12E-01	-1.53E-01	3.07E-01	1.05E-01	-6.78E-01	-2.10E-01	-1.24E-01	-5.40E-01	74.78	-1.53E-01	-1.05E-01	
	276.00	-1.57E-05	-1.95E-06	1.57E-05	8.11E-06	-5.21E-05	-1.61E-05	-8.51E-07	-1.69E-05				
128	531.50	9.09E-01	5.40E-01	1.19E+00	6.27E-02	-3.68E-01	-1.27E-01	9.18E-01	5.29E-01	9.41	9.08E-01	6.27E-02	
	297.00	5.90E-06	-8.26E-06	1.69E-05	4.82E-06	-2.83E-05	-9.80E-06	6.30E-06	-8.65E-06				
129	515.50	3.30E+00	2.58E+00	2.98E+00	-6.69E-01	-3.86E-01	-5.44E-01	3.70E+00	2.18E+00	-30.73	3.30E+00	-6.69E-01	
	320.00	2.97E-05	1.75E-06	1.72E-05	-5.14E-05	-2.97E-05	-4.19E-05	4.50E-05	-1.35E-05				
183	565.50	1.59E-01	-9.61E-02	-2.54E-01	5.91E+00	1.80E+00	-4.55E+00	5.95E+00	-5.88E+00	44.38	1.59E-01	5.91E+00	
	-8.00	8.22E-06	-1.60E-06	-7.67E-06	4.55E-04	1.38E-04	-3.50E-04	2.31E-04	-2.24E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .2900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5899E+02	-.3703E+03	.8707E+02	.5946E+02	.1297E+03	-.8942E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3623E+01	.3890E+01	.1798E+01	.5453E+02	-.3520E+02	-.4779E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.[illegible]00	.0000E+00	.0000E+00

13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7703E+01	-.1321E+01	.8276E+00	.0000E+00	-.7895E+02	-.8740E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1093E+02	.2480E+01	.1875E+00	.1252E+03	-.1239E+03	-.1281E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1246E+02	-.1867E+01	.2302E+00	.1618E+03	-.1687E+03	-.1727E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.9205E-01	-.9698E+00	.7397E+00	.2179E+03	-.2142E+03	-.2269E+03
25	.2612E+02	.4254E+01	.1768E+00	.2715E+03	-.2360E+03	-.2803E+03
26	-.1601E+02	-.1885E+01	.6054E-01	.2938E+03	-.2499E+03	-.3194E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1334E+03	-.2617E+02	.4838E+01	.3008E+03	-.3468E+03	-.3512E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2461E+04	.4227E+03	-.1401E+02	.4281E+03	-.9303E+03	-.5591E+03
40	.1693E+04	.2620E+03	.6626E+01	.4022E+03	-.9180E+03	-.5116E+03
41	.1085E+04	.1423E+03	.2341E+02	.3470E+03	-.8322E+03	-.4429E+03
42	.2455E+03	.1544E+02	.2092E+02	.3018E+03	-.5915E+03	-.3856E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2508E+04	-.3262E+03	-.1333E+02	.6385E+02	-.9834E+03	.3067E+03
48	-.2175E+04	-.2828E+03	-.1516E+02	.1452E+03	-.9087E+03	.2183E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3859E+04	-.5872E+03	-.1834E+02	-.5030E+02	-.6708E+03	.8828E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1018E+02	.2018E+02	-.5237E+00	.3592E+02	-.9667E+03	.2897E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2644E+04	-.4012E+03	-.1820E+02	.1556E+00	-.5391E+03	.8269E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1853E+04	-.2822E+03	-.2433E+02	-.3963E+01	-.5033E+03	.8030E+03
66	-.6249E+03	-.9718E+02	-.3058E+02	-.1169E+02	-.4095E+03	.8364E+03
67	.1265E+04	.1870E+03	-.3066E+02	-.1030E+02	-.3123E+03	.8340E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2249E+04	.3351E+03	-.2571E+02	.9556E+02	-.2254E+03	.8491E+03
76	-.2442E+03	-.3791E+02	-.1775E+02	.1301E+03	-.1128E+03	.8642E+03

77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.9482E+03	.1422E+03	-.1310E+02	.1500E+03	.2364E+02	.8327E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3978E+03	-.5894E+02	-.9401E+01	.2056E+03	.1071E+03	.8160E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5569E+03	.8545E+02	-.8404E+01	.1606E+03	.2241E+03	.7521E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3599E+03	-.5134E+02	-.7004E+01	.1391E+03	.2937E+03	.6854E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4148E+03	.6581E+02	-.7110E+01	.1397E+03	.3921E+03	.6180E+03
109	-.2455E+03	-.3260E+02	-.6171E+01	.1396E+03	.4567E+03	.5337E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3488E+03	.5735E+02	-.5965E+01	.8291E+02	.5319E+03	.4470E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1913E+03	.3411E+02	-.1159E+01	.4646E+02	.5653E+03	.3562E+03
115	.5575E+02	.1406E+02	.4584E+00	.1086E+02	.5700E+03	.2609E+03
116	.1875E+03	.3452E+02	.2314E+01	-.1045E+02	.5955E+03	.2042E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1848E+03	.3443E+02	.4206E+01	.1804E+02	.6113E+03	.1749E+03
119	.1290E+03	.2569E+02	.6166E+01	-.4739E+02	.5557E+03	.1074E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3302E+03	.4229E+02	.2004E+02	-.4154E+02	.4772E+03	.6144E+02
122	.2707E+03	.1949E+02	.3279E+02	.1715E+02	.4605E+03	.5606E+02
123	.2122E+03	.1271E+02	.2886E+02	.1225E+02	.4021E+03	.5039E+02
124	.1548E+03	.9044E+01	.1990E+02	.8853E+01	.3310E+03	.4581E+02
125	.1014E+03	.4294E+01	.1458E+02	.6033E+01	.2735E+03	.4144E+02
126	.3081E+02	-.6713E+01	.1357E+02	.2434E+01	.2298E+03	.3676E+02
127	-.2116E+02	-.1538E+02	.1384E+02	-.2975E-01	.1961E+03	.3084E+02
128	-.7400E+02	-.2244E+02	.1314E+02	-.5820E+01	.1272E+03	.2417E+02
129	-.7468E+02	-.1941E+02	.1095E+02	-.8484E+01	.7152E+02	.1836E+02
130	-.5179E+02	-.1186E+02	.7914E+01	-.9023E+01	.3152E+02	.1440E+02
131	-.1354E+02	-.2121E+01	.5230E+01	-.7826E+01	.1009E+02	.1204E+02
132	.1577E+01	.9957E+00	.3835E+01	-.5049E+01	.1140E+02	.1046E+02
133	.2639E+01	.8113E+00	.3534E+01	-.3413E+01	.1361E+02	.8846E+01
134	.7310E+00	.2341E+00	.3540E+01	-.2602E+01	.1163E+02	.6970E+01
135	.7060E-02	.1235E-01	.3983E+01	-.1997E+01	.8219E+01	.5134E+01
136	-.2364E-01	.1945E-01	.5294E+01	-.1409E+01	.5308E+01	.3423E+01
137	-.1046E+00	-.3514E-01	.8320E+01	-.9952E+00	.2394E+01	.1872E+01
138	.3912E-01	.1865E+00	.1388E+03	-.6807E+00	-.6386E+00	.9416E+00
[illegible]	.1371E+00	.2223E+00	-.4656E+02	-.10[illegible]	.3445E+00	-.3507E+00

TOTAL DIS[illegible]NTS AFTER MODE SUPERPOSITION AT TIME .3000E+01 (FO[illegible]ER TERM, NUMBER 1)

N[illegible]	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.38529E-01	-.20309E-03	.38553E-01	.00000E+00
3	-.70177E-01	-.71727E-03	.70190E-01	.00000E+00
4	-.76099E-01	-.71910E-03	.75963E-01	.00000E+00
5	-.82124E-01	-.17570E-04	.82156E-01	.00000E+00
6	-.92705E-01	.35493E-05	.92694E-01	-.17450E-04
7	-.85195E-01	-.14769E-02	.86258E-01	.00000E+00
8	-.92961E-01	-.11224E-02	.93246E-01	-.33303E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.38191E-01	-.43542E-03	.38518E-01	.00000E+00
11	-.70577E-01	-.92589E-03	.71518E-01	.00000E+00
12	-.78664E-01	-.10570E-02	.79782E-01	.00000E+00
13	-.85140E-01	-.83628E-03	.85691E-01	.00000E+00
14	-.93503E-01	-.11342E-02	.94710E-01	-.90835E-05
15	-.86283E-01	-.21850E-02	.89815E-01	.00000E+00
16	-.94315E-01	-.18408E-02	.97118E-01	.36302E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.38548E-01	-.64429E-03	.39955E-01	.00000E+00
19	-.71897E-01	-.12444E-02	.74861E-01	.00000E+00
20	-.80368E-01	-.15427E-02	.83894E-01	.00000E+00
21	-.87179E-01	-.10413E-02	.90363E-01	.00000E+00
22	-.95431E-01	-.12250E-02	.10048E+00	-.41159E-05
23	-.89480E-01	-.32690E-02	.97392E-01	.00000E+00
24	-.96820E-01	-.28277E-02	.10491E+00	-.31609E-04
25	-.97795E-01	-.39919E-02	.10777E+00	-.24500E-06
26	-.98361E-01	-.34408E-02	.10947E+00	.81075E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.38579E-01	-.12439E-02	.41021E-01	.00000E+00
29	-.73473E-01	-.23792E-02	.77993E-01	.00000E+00
30	-.82147E-01	-.27433E-02	.88614E-01	.00000E+00
31	-.90170E-01	-.33372E-02	.98621E-01	.00000E+00
32	-.98963E-01	-.39428E-02	.11136E+00	-.87191E-04
33	-.89928E-01	-.48968E-02	.98558E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.38295E-01	-.18207E-02	.40991E-01	.00000E+00
36	-.74012E-01	-.29432E-02	.78530E-01	.00000E+00
37	-.83045E-01	-.32772E-02	.88154E-01	.00000E+00
38	-.92585E-01	-.41350E-02	.10212E+00	.00000E+00
39	-.10008E+00	-.55491E-02	.11459E+00	.55053E-04
40	-.99889E-01	-.58354E-02	.11384E+00	.22887E-06
41	-.99711E-01	-.56181E-02	.11314E+00	-.37163E-04
42	-.99409E-01	-.49482E-02	.11235E+00	-.72415E-04
43	-.82152E-01	-.42533E-02	.85669E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.35576E-01	.13498E-03	.36965E-01	.00000E+00
46	-.73734E-01	-.26233E-02	.74632E-01	.00000E+00
47	-.10017E+00	-.50978E-02	.11486E+00	.50610E-04
48	-.10014E+00	-.53189E-02	.11483E+00	.76905E-04
49	-.92474E-01	-.42962E-02	.10122E+00	.00000E+00
50	-.10108E+00	-.53195E-02	.11525E+00	.22651E-03
51	-.93342E-01	-.47431E-02	.98488E-01	.00000E+00
52	-.10461E+00	-.47294E-02	.10798E+00	.00000E+00
53	-.10023E+00	-.48022E-02	.11498E+00	.11700E-04
54	-.81903E-01	-.26313E-02	.79422E-01	.00000E+00
55	-.91821E-01	-.39385E-02	.87563E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.30562E-01	-.33561E-02	.26515E-01	.00000E+00
58	-.65628E-01	-.20388E-02	.50638E-01	.00000E+00
59	-.10657E+00	-.35391E-02	.10158E+00	.00000E+00
60	-.10487E+00	-.44736E-02	.10470E+00	.00000E+00

61	-.10136E+00	-.53299E-02	.11553E+00	.34932E-03
62	-.77187E-01	-.13504E-02	.61197E-01	.00000E+00
63	-.85015E-01	-.12338E-02	.74614E-01	.00000E+00
64	-.10676E+00	-.46504E-02	.10965E+00	.00000E+00
65	-.10314E+00	-.53406E-02	.11579E+00	.43421E-03
66	-.10607E+00	-.53560E-02	.11630E+00	.52752E-03
67	-.10524E+00	-.53531E-02	.11696E+00	.50296E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.23967E-01	.33309E-03	.15472E-01	.00000E+00
70	-.69186E-01	-.32357E-03	.49924E-01	.00000E+00
71	-.10357E+00	-.96775E-03	.85413E-01	.00000E+00
72	-.10965E+00	-.43507E-02	.10958E+00	.00000E+00
73	-.85144E-01	-.49622E-03	.54331E-01	.00000E+00
74	-.11634E+00	-.43900E-02	.11449E+00	.00000E+00
75	-.11193E+00	-.53702E-02	.11735E+00	.38296E-03
76	-.11545E+00	-.54332E-02	.11834E+00	.26831E-03
77	-.58175E-01	.26750E-03	.69628E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.29565E-01	-.98748E-03	.19909E-01	.00000E+00
80	-.65864E-01	.72492E-03	.42935E-01	.00000E+00
81	-.72912E-01	.90369E-03	.46509E-01	.00000E+00
82	-.81739E-01	.13591E-02	.56985E-01	.00000E+00
83	-.11553E+00	-.55005E-03	.94649E-01	.00000E+00
84	-.10822E+00	.87572E-03	.77663E-01	.00000E+00
85	-.11964E+00	-.55243E-02	.11953E+00	.21464E-03
86	-.12060E+00	-.45328E-02	.11803E+00	.00000E+00
87	-.98572E-01	.91003E-03	.64747E-01	.00000E+00
88	-.12062E+00	-.32329E-02	.10746E+00	.00000E+00
89	-.12248E+00	-.56756E-02	.12074E+00	.17263E-03
90	-.74805E-01	.60363E-03	.29686E-01	.00000E+00
91	-.80410E-01	.11781E-02	.33682E-01	.00000E+00
92	-.86377E-01	.26911E-04	.36294E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.32086E-01	.00000E+00	.11957E-01	.00000E+00
95	-.59121E-01	.00000E+00	.21265E-01	.00000E+00
96	-.67829E-01	.00000E+00	.24753E-01	.00000E+00
97	-.70749E-01	.00000E+00	.23790E-01	.00000E+00
98	-.69393E-01	.00000E+00	.22851E-01	.00000E+00
99	-.76194E-01	-.15168E-03	.25862E-01	.00000E+00
100	-.95207E-01	-.11307E-04	.45973E-01	.00000E+00
101	-.11548E+00	-.11908E-02	.77535E-01	.00000E+00
102	-.12685E+00	-.58307E-02	.12242E+00	.15506E-03
103	-.12107E+00	-.14229E-02	.96849E-01	.00000E+00
104	-.12865E+00	-.52746E-02	.12221E+00	.00000E+00
105	-.12990E+00	-.59258E-02	.12390E+00	.13318E-03
106	-.12674E+00	-.17225E-02	.10713E+00	.00000E+00
107	-.13360E+00	-.55372E-02	.12395E+00	.00000E+00
108	-.13338E+00	-.60149E-02	.12525E+00	.12711E-03
109	-.13590E+00	-.60911E-02	.12638E+00	.10790E-03
110	-.13410E+00	-.55963E-02	.11320E+00	.00000E+00
111	-.13308E+00	-.66030E-02	.12727E+00	.00000E+00
112	-.13863E+00	-.61514E-02	.12730E+00	.96506E-04
113	-.13796E+00	-.48034E-02	.11877E+00	.00000E+00
114	-.14014E+00	-.60750E-02	.12799E+00	.35785E-04
115	-.14061E+00	-.60591E-02	.12846E+00	.82735E-05
116	-.14058E+00	-.59144E-02	.12866E+00	-.16110E-04
117	-.13989E+00	-.69369E-02	.13008E+00	.00000E+00
118	-.14031E+00	-.53949E-02	.12874E+00	-.31246E-04
119	-.13946E+00	-.58147E-02	.12876E+00	-.53293E-04
120	-.14118E+00	-.61704E-02	.13006E+00	.00000E+00
121	-.13779E+00	-.56527E-02	.12862E+00	-.90465E-04
122	-.13761E+00	-.49001E-02	.12878E+00	-.10842E-03
123	-.13733E+00	-.41998E-02	.12890E+00	-.12758E-03
	-.13702E+00	-.34077E-02	.12902E+00	-.13879E-03

[illegible]	-.13660E+00	-.25374E-02	.12914E+00	-.15795E-03
[illegible]	-.13578E+00	-.29173E-03	.12934E+00	-.17991E-03
[illegible]7	-.13491E+00	.10460E-02	.12953E+00	-.18240E-03
128	-.13325E+00	.47568E-02	.12991E+00	-.14913E-03
129	-.13211E+00	.74779E-02	.13027E+00	-.96798E-04
130	-.13146E+00	.91935E-02	.13066E+00	-.37106E-04
131	-.13151E+00	.91545E-02	.13124E+00	.26572E-04
132	-.13206E+00	.74597E-02	.13176E+00	.42890E-04
133	-.13254E+00	.57117E-02	.13222E+00	.34603E-04
134	-.13284E+00	.43177E-02	.13259E+00	.26357E-04
135	-.13303E+00	.33246E-02	.13289E+00	.23364E-04
136	-.13317E+00	.22897E-02	.13310E+00	.23705E-04
137	-.13325E+00	.12771E-02	.13323E+00	.23416E-04
138	-.13331E+00	.19482E-03	.13331E+00	.24841E-04
139	-.13331E+00	.24017E-04	.13331E+00	.24102E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.52E-02	-1.29E-01	-2.42E-02	-4.70E+00	-1.48E-02	4.73E+00	4.62E+00	-4.77E+00	-44.68	-2.52E-02	-4.70E+00
	-303.00	1.17E-06	-3.55E-06	1.22E-06	-4.27E-04	-1.34E-06	4.30E-04	2.12E-04	-2.15E-04			
2	72.00	-6.03E-02	-1.78E-01	4.42E-02	-3.93E+00	-5.10E-04	4.04E+00	3.81E+00	-4.05E+00	-44.57	-6.03E-02	-3.93E+00
	-213.00	-2.19E-07	-5.58E-06	4.53E-06	-3.57E-04	-4.63E-08	3.67E-04	1.76E-04	-1.82E-04			
3	72.00	-6.12E-01	-2.09E-01	1.40E-01	-2.61E+00	2.44E-01	2.84E+00	2.21E+00	-3.03E+00	-47.21	-6.12E-01	-2.61E+00
	-138.00	-1.03E-05	-1.18E-06	6.76E-06	-1.19E-04	1.11E-05	1.29E-04	5.37E-05	-6.52E-05			
4	24.00	-3.03E+00	-1.65E+00	-2.06E+00	-4.85E+00	8.09E-01	5.30E+00	2.56E+00	-7.24E+00	-49.06	-3.03E+00	-4.85E+00
	-68.00	-4.25E-05	1.07E-05	-5.23E-06	-3.73E-04	6.22E-05	4.08E-04	1.73E-04	-2.04E-04			
5	72.00	1.02E+00	5.03E-01	1.17E+00	-2.15E+00	-9.70E-02	2.30E+00	2.92E+00	-1.40E+00	-41.59	5.03E-01	2.15E+00
	-88.00	9.52E-06	-1.02E-05	1.55E-05	-1.65E-04	-7.46E-06	1.77E-04	8.27E-05	-8.35E-05			
6	120.00	5.58E-01	5.70E-01	7.89E-01	-4.11E+00	-2.24E-01	4.08E+00	4.67E+00	-3.55E+00	-45.05	-3.48E+00	7.48E-01
	-68.00	3.47E-07	8.61E-07	9.31E-06	-3.16E-04	-1.72E-05	3.14E-04	1.59E-04	-1.58E-04			
7	36.25	-1.13E+00	-4.39E-01	-2.81E-01	-2.29E+00	2.98E-01	2.19E+00	1.53E+00	-3.10E+00	-49.29	-1.05E+00	-2.30E+00
	-18.00	-2.31E-05	3.45E-06	9.51E-06	-1.76E-04	2.30E-05	1.69E-04	7.92E-05	-9.89E-05			
8	108.00	1.18E-01	2.24E-01	3.98E-01	-1.75E+00	-1.22E-02	1.93E+00	1.92E+00	-1.58E+00	-45.87	1.18E-01	-1.75E+00
	-18.00	-3.59E-06	4.88E-07	7.17E-06	-1.35E-04	-9.42E-07	1.49E-04	6.58E-05	-6.89E-05			
9	216.00	-2.58E-01	-3.62E-01	-1.86E-01	-4.70E+00	3.28E-02	4.81E+00	4.39E+00	-5.01E+00	-44.68	-2.58E-01	-4.70E+00
	-303.00	-1.24E-06	-6.00E-06	2.01E-06	-4.27E-04	2.98E-06	4.37E-04	2.10E-04	-2.17E-04			
10	216.00	-3.63E-01	-3.68E-01	-9.16E-02	-4.04E+00	1.11E-01	4.19E+00	3.67E+00	-4.40E+00	-44.98	-3.63E-01	-4.04E+00
	-213.00	-5.82E-06	-6.05E-06	6.53E-06	-3.67E-04	1.01E-05	3.81E-04	1.78E-04	-1.89E-04			
11	216.00	-6.03E-01	-3.02E-01	2.95E-01	-3.10E+00	3.52E-01	2.29E+00	2.65E+00	-3.55E+00	-46.39	-6.03E-01	-3.10E+00
	-138.00	-1.05E-05	-3.66E-06	9.89E-06	-1.41E-04	1.60E-05	1.50E-04	6.34E-05	-7.75E-05			
12	168.00	-1.44E+00	-1.32E+00	-8.61E-01	-4.71E+00	6.58E-01	4.82E+00	3.33E+00	-6.09E+00	-45.37	-1.44E+00	-4.71E+00
	-68.00	-1.56E-05	-1.09E-05	6.65E-06	-3.62E-04	5.06E-05	3.71E-04	1.68E-04	-1.94E-04			
13	216.00	1.27E+00	5.02E-01	1.34E+00	-1.95E+00	-4.39E-03	2.02E+00	2.94E+00	-1.06E+00	-38.71	5.02E-01	1.95E+00
	-88.00	1.74E-05	-1.61E-05	1.63E-05	-1.50E-04	-3.38E-07	1.55E-04	7.75E-05	-7.62E-05			
14	264.00	3.56E-02	5.15E-01	7.07E-01	-4.03E+00	-7.47E-02	4.16E+00	4.31E+00	-3.76E+00	-46.71	-3.64E+00	9.62E-01
	-68.00	-1.28E-05	6.01E-06	1.34E-05	-3.10E-04	-5.75E-06	3.20E-04	1.52E-04	-1.58E-04			
15	180.00	-4.44E-01	-8.46E-02	1.97E-01	-2.02E+00	4.44E-01	1.94E+00	1.76E+00	-2.29E+00	-47.54	-4.44E-01	-2.02E+00
	-18.00	-1.34E-05	4.00E-07	1.12E-05	-1.55E-04	3.41E-05	1.49E-04	7.15E-05	-8.45E-05			
16	252.00	-2.66E-01	1.23E-01	4.73E-01	-1.67E+00	1.65E-01	2.03E+00	1.61E+00	-1.76E+00	-48.42	-2.66E-01	-1.67E+00
	-18.00	-1.40E-05	1.38E-06	1.45E-05	-1.28E-04	1.27E-05	1.56E-04	5.82E-05	-7.08E-05			
17	361.00	-3.51E-01	-5.80E-01	-2.90E-01	-4.74E+00	1.08E-02	4.96E+00	4.27E+00	-5.20E+00	-44.31	-3.51E-01	-4.74E+00
	-303.00	-1.05E-07	-1.05E-05	2.67E-06	-4.31E-04	9.83E-07	4.51E-04	2.10E-04	-2.21E-04			
18	361.00	-4.42E-01	-5.33E-01	-1.48E-01	-4.24E+00	7.18E-02	4.43E+00	3.75E+00	-4.72E+00	-44.69	-4.42E-01	-4.24E+00
	-213.00	-5.51E-06	-9.64E-06	7.85E-06	-3.85E-04	6.53E-06	4.03E-04	1.85E-04	-2.00E-04			
19	361.00	-6.68E-01	-4.05E-01	3.71E-01	-3.32E+00	3.25E-01	3.72E+00	2.79E+00	-3.86E+00	-46.13	-6.68E-01	-3.32E+00
	-138.00	-1.15E-05	-5.52E-06	1.21E-05	-1.51E-04	1.48E-05	1.69E-04	6.70E-05	-8.40E-05			
20	312.00	-2.53E+00	-2.01E+00	-1.41E+00	-5.33E+00	1.12E+00	5.79E+00	3.06E+00	-7.61E+00	-46.39	-2.53E+00	-5.33E+00
	-68.00	-3.20E-05	-1.21E-05	1.13E-05	-4.10E-04	8.63E-05	4.46E-04	1.83E-04	-2.27E-04			
21	360.67	2.25E+00	1.24E+00	2.05E+00	-2.54E+00	-1.74E-01	2.95E+00	4.34E+00	-8.50E-01	-39.34	1.24E+00	2.54E+00

	-88.00	2.59E-05	-1.34E-05	1.79E-05	-1.96E-04	-1.34E-05	2.27E-04	1.06E-04	-9.36E-05				
22	405.33	-1.39E+00	-1.99E+00	-7.37E-01	-5.09E+00	1.06E-02	6.33E+00	3.44E+00	-6.72E+00	-43.59	-6.66E+00	8.05E-01	
	-68.00	-9.32E-06	-2.86E-05	1.58E-05	-3.21E-04	8.17E-07	4.87E-04	1.77E-04	-2.14E-04				
23	324.00	-9.11E-01	-1.87E-01	2.62E-01	-2.09E+00	7.91E-01	2.06E+00	1.58E+00	-2.67E+00	-49.91	-9.11E-01	-2.09E+00	
	-19.00	-2.56E-05	2.22E-06	1.87E-05	-1.61E-04	6.05E-05	1.58E-04	7.00E-05	-9.34E-05				
24	372.00	-5.04E-01	4.51E-01	7.52E-01	-5.43E+00	7.57E-01	5.81E+00	5.42E+00	-5.48E+00	-47.51	-5.04E-01	-5.43E+00	
	-9.33	-2.71E-05	9.65E-06	2.13E-05	-4.18E-04	5.63E-05	4.47E-04	2.01E-04	-2.18E-04				
25	401.25	-2.84E-01	4.15E-02	7.52E-01	-1.79E+00	2.46E-01	2.41E+00	1.68E+00	-1.92E+00	-47.60	1.41E+00	-9.40E-01	
	-10.00	-1.65E-05	-4.00E-06	2.33E-05	-1.38E-04	1.84E-05	1.85E-04	5.89E-05	-7.94E-05				
26	427.67	-2.62E+00	-2.39E+00	-1.28E+00	-6.12E+00	1.03E+00	8.24E+00	3.62E+00	-8.63E+00	-45.55	-6.22E+00	-4.87E+00	
	-9.33	-3.17E-05	-2.27E-05	1.98E-05	-4.71E-04	7.95E-05	6.34E-04	2.08E-04	-2.63E-04				
27	457.00	-4.22E-01	-8.65E-01	-4.28E-01	-4.77E+00	-3.45E-02	5.03E+00	4.13E+00	-5.42E+00	-43.67	-4.22E-01	-4.77E+00	
	-303.00	3.08E-06	-1.70E-05	2.81E-06	-4.33E-04	-3.13E-06	4.57E-04	2.10E-04	-2.24E-04				
28	457.00	-3.94E-01	-6.09E-01	-1.62E-01	-4.45E+00	-2.47E-02	4.60E+00	3.95E+00	-4.95E+00	-44.31	-3.94E-01	-4.45E+00	
	-213.00	-2.78E-06	-1.25E-05	7.75E-06	-4.05E-04	-2.24E-06	4.19E-04	1.95E-04	-2.10E-04				
29	457.00	-1.02E+00	-5.91E-01	1.61E-01	-3.51E+00	-2.30E-01	3.85E+00	2.71E+00	-4.32E+00	-46.76	-1.02E+00	-3.51E+00	
	-138.00	-1.56E-05	-5.82E-06	1.13E-05	-1.59E-04	-1.04E-05	1.75E-04	6.92E-05	-9.06E-05				
30	442.00	-1.35E+00	-3.06E+00	-1.23E+00	-6.01E+00	-2.25E-01	6.57E+00	3.86E+00	-8.27E+00	-40.95	-1.35E+00	-6.01E+00	
	-68.00	1.01E-05	-5.57E-05	1.46E-05	-4.62E-04	-1.73E-05	5.06E-04	2.11E-04	-2.56E-04				
31	457.33	7.09E+00	3.16E+00	4.51E+00	-2.11E+00	-3.35E+00	3.53E+00	8.00E+00	2.24E+00	-23.47	3.16E+00	2.11E+00	
	-88.00	1.11E-04	-4.07E-05	1.12E-05	-1.62E-04	-2.57E-04	2.71E-04	1.46E-04	-7.58E-05				
32	472.67	-1.17E+01	-1.01E+01	-8.33E+00	-5.18E+00	1.96E+00	8.40E+00	-5.66E+00	-1.61E+01	-49.65	-1.49E+01	-3.40E+00	
	-68.00	-1.21E-04	-5.56E-05	1.08E-05	-3.98E-04	1.51E-04	6.46E-04	1.14E-04	-2.90E-04				
33	443.00	-1.10E+00	-9.09E-01	6.59E-02	-3.07E+00	3.35E-01	3.22E+00	2.07E+00	-4.08E+00	-45.91	-1.10E+00	-3.07E+00	
	-19.50	-2.11E-05	-1.36E-05	2.39E-05	-2.36E-04	2.58E-05	2.48E-04	1.01E-04	-1.36E-04				
34	454.00	-9.41E+00	-7.14E+00	-5.93E+00	-7.78E+00	2.33E+00	1.05E+01	-4.12E-01	-1.61E+01	-49.14	-1.25E+01	-6.63E+00	
	-11.33	-1.15E-04	-2.77E-05	1.90E-05	-5.98E-04	1.79E-04	8.06E-04	2.31E-04	-3.74E-04				
35	461.67	-2.59E+00	-3.31E+00	-1.68E+00	-7.37E+00	5.81E-01	1.08E+01	4.42E+00	-1.03E+01	-43.59	-2.59E+00	-7.37E+00	
	-12.00	-1.63E-05	-4.41E-05	1.87E-05	-5.67E-04	4.47E-05	8.34E-04	2.53E-04	-3.14E-04				
36	469.00	5.66E+00	2.08E+00	3.83E+00	-7.33E-01	-2.98E+00	4.35E+00	5.80E+00	1.93E+00	-11.13	2.08E+00	7.33E-01	
	-30.00	9.05E-05	-4.72E-05	2.03E-05	-5.64E-05	-2.29E-04	3.34E-04	9.60E-05	-5.26E-05				
37	476.33	-4.65E+00	-6.39E+00	-3.68E+00	-5.03E+00	6.26E-01	8.94E+00	-4.14E-01	-1.06E+01	-40.10	-6.68E+00	-4.97E+00	
	-12.00	-1.70E-05	-8.39E-05	2.00E-05	-3.87E-04	4.82E-05	6.87E-04	1.46E-04	-2.47E-04				
38	558.50	2.17E-01	-1.73E-01	7.27E-02	-4.45E+00	-1.61E-01	4.77E+00	4.48E+00	-4.43E+00	-43.75	2.17E-01	-4.45E+00	
	-303.00	8.34E-06	-9.37E-06	1.78E-06	-4.05E-04	-1.46E-05	4.34E-04	2.02E-04	-2.03E-04				
39	558.50	-1.54E-01	-8.32E-01	-2.65E-01	-4.43E+00	-3.24E-01	4.63E+00	3.95E+00	-4.93E+00	-42.81	-1.54E-01	-4.43E+00	
	-213.00	9.23E-06	-2.16E-05	4.71E-06	-4.03E-04	-2.94E-05	4.21E-04	1.96E-04	-2.08E-04				
40	506.17	7.71E-02	-1.88E+00	-3.08E-02	-9.88E+00	-8.93E-01	9.80E+00	9.03E+00	-1.08E+01	-42.17	7.71E-02	-9.88E+00	
	-128.00	1.14E-05	-3.31E-05	8.93E-06	-4.49E-04	-4.06E-05	4.46E-04	2.15E-04	-2.37E-04				
41	558.50	3.10E+00	-1.22E+00	6.57E-01	-4.31E+00	-2.67E+00	6.17E+00	5.76E+00	-3.88E+00	-31.69	-1.22E+00	4.31E+00	
	-148.00	5.72E-05	-4.10E-05	1.61E-05	-1.96E-04	-1.22E-04	2.81E-04	1.18E-04	-1.01E-04				
42	610.83	-5.86E-01	-2.08E+00	-7.17E-01	-8.56E+00	-1.78E+00	7.65E+00	7.26E+00	-9.93E+00	-42.50	-9.80E+00	1.53E+00	
	-128.00	4.44E-06	-2.96E-05	1.47E-06	-3.89E-04	-8.11E-05	3.48E-04	1.83E-04	-2.08E-04				
43	501.39	8.33E-01	7.75E-02	8.52E-01	-2.25E+00	-9.52E-01	2.84E+00	2.74E+00	-1.83E+00	-40.24	8.33E-01	-2.25E+00	
	-78.00	1.27E-05	-1.64E-05	1.34E-05	-1.73E-04	-7.32E-05	2.18E-04	8.59E-05	-8.97E-05				
44	534.67	-1.46E+00	-1.57E+00	-9.69E-01	-7.17E+00	-5.82E-01	9.03E+00	5.66E+00	-8.68E+00	-44.78	-8.58E+00	1.19E+00	
	-68.00	-1.21E-05	-1.64E-05	6.58E-06	-5.51E-04	-4.48E-05	6.94E-04	2.61E-04	-2.90E-04				
45	584.67	1.27E+00	4.55E-01	9.26E-01	-6.81E+00	-1.89E+00	6.06E+00	7.71E+00	-5.94E+00	-43.36	1.27E+00	-6.81E+00	
	-68.00	1.94E-05	-1.06E-05	6.02E-06	-5.24E-04	-1.45E-04	4.66E-04	2.67E-04	-2.58E-04				
46	610.83	6.92E+00	1.61E+00	3.27E+00	-3.69E+00	-3.37E+00	4.94E+00	8.81E+00	-2.81E-01	-27.13	1.61E+00	3.69E+00	
	-88.00	1.36E-04	-6.78E-05	-3.90E-06	-2.84E-04	-2.59E-04	3.80E-04	2.09E-04	-1.40E-04				
47	482.63	2.61E-01	-3.60E-01	8.56E-01	-1.63E+00	-9.09E-01	3.25E+00	1.61E+00	-1.71E+00	-39.61	2.61E-01	-1.63E+00	
	-21.00	1.74E-06	-2.22E-05	2.46E-05	-1.25E-04	-7.00E-05	2.50E-04	5.37E-05	-7.41E-05				
48	485.83	-2.21E+00	-3.29E+00	-1.54E+00	-4.73E+00	-1.27E-01	9.96E+00	2.01E+00	-7.51E+00	-41.73	-2.82E+00	-4.76E+00	
	-12.00	-7.53E-06	-4.92E-05	1.80E-05	-3.64E-04	-9.79E-06	7.66E-04	1.55E-04	-2.11E-04				
49	507.88	1.08E-02	1.13E-01	8.26E-01	-1.78E+00	-5.75E-01	3.58E+00	1.84E+00	-1.72E+00	-45.82	1.08E-02	-1.78E+00	
	-21.00	-1.00E-05	-6.08E-06	2.13E-05	-1.37E-04	-4.42E-05	2.76E-04	6.04E-05	-7.66E-05				
50	538.67	-1.41E+00	-7.58E-01	-5.36E-01	-6.36E+00	-2.43E+00	7.80E+00	5.26E+00	-7.47E+00	-46.38	-7.40E+00	9.20E-01	
	-10.00	-2.41E-05	-5.31E-07	9.55E-06	-4.89E-04	-1.87E-04	6.00E-04	2.33E-04	-2.57E-04				
51	484.67	2.03E+01	1.44E+01	1.52E+01	4.23E-01	-1.64E+00	1.05E+00	2.09E+01	1.44E+01	3.75	1.44E+01	-4.23E-01	
	8.00	2.47E-04	-1.00E-07	3.03E-05	3.25E-05	-1.26E-04	8.06E-05	2.48E-04	-1.16E-06				
52	507.[illegible]	[illegible]5.28E+00	-6.33E+00	-3.[illegible]05E+00	-3.51E+00	-1.12E+00	[illegible]0E+00	-2.26E+00	-9.36E+00	-40.76	-8.61E+00	-2.1[illegible]	
	9.[illegible]	[illegible]3.38E-05	-7.41E-05	2.32E-05	-2.70E-04	-8.63E-05	[illegible]E-04	8.26E-05	-1.91E-04				
53	60[illegible]	[illegible]1.75E-01	-4.41E-03	-1.36E-01	-2.67E+00	-1.28E+0[illegible]	[illegible]1E+00	2.58E+00	-2.76E+00	-45.91	1.51E+00	-2.[illegible]	

	-1[illegible]	-3.26E-06	3.30E-06	-1.77E-06	-2.05E-04	-9.82E-0[illegible]	[illegible]93E-04	1.03E-04	-1.03E-04					
54	71[illegible]	2.95E-01	-4.74E-01	-1.01E-01	-4.16E+00	-3.73E-01	[illegible]89E+00	4.10E+00	-4.28E+00	-42.37	2.95E-01	-4.1[illegible]		
	-303.[illegible]	1.70E-05	-1.79E-05	-9.68E-07	-3.80E-04	-3.39E-05	[illegible].54E-04	1.90E-04	-1.91E-04					
55	712.00	2.30E+00	1.15E+00	1.20E+00	-4.58E+00	-1.20E+00	3.81E+00	6.32E+00	-2.85E+00	-41.43	2.30E+00	-4.58E+00		
	-213.00	4.41E-05	-8.00E-06	-5.92E-06	-4.16E-04	-1.09E-04	3.46E-04	2.28E-04	-1.92E-04					
56	712.00	3.06E+00	1.42E+00	6.02E-01	-3.46E+00	-2.85E+00	2.88E+00	5.79E+00	-1.31E+00	-38.34	3.06E+00	-3.46E+00		
	-138.00	4.24E-05	5.17E-06	-1.14E-05	-1.57E-04	-1.29E-04	1.31E-04	1.05E-04	-5.70E-05					
57	712.00	7.74E-01	-1.06E-01	-2.05E-01	-2.19E+00	-1.18E+00	2.38E+00	2.57E+00	-1.90E+00	-39.31	7.76E-01	-2.19E+00		
	-78.00	2.47E-05	-9.17E-06	-1.30E-05	-1.68E-04	-9.09E-05	1.83E-04	9.37E-05	-7.82E-05					
58	712.00	1.02E+00	6.55E-01	1.36E-01	-2.94E+00	-1.07E+00	2.73E+00	3.79E+00	-2.11E+00	-43.23	1.02E+00	-2.94E+00		
	-18.00	1.93E-05	5.30E-06	-1.47E-05	-2.27E-04	-8.24E-05	2.10E-04	1.26E-04	-1.01E-04					
59	837.00	1.18E+01	6.50E+00	7.32E+00	-3.49E+00	-1.94E+00	3.24E+00	1.35E+01	4.77E+00	-26.38	6.50E+00	3.49E+00		
	-318.00	2.04E-04	-3.73E-05	.00E+00	-3.17E-04	-1.77E-04	2.95E-04	2.82E-04	-1.16E-04					
60	887.00	1.64E+00	4.39E-02	6.74E-01	-9.32E+00	-8.10E-01	7.02E+00	1.02E+01	-8.51E+00	-42.55	-7.76E+00	3.68E+00		
	-288.00	4.40E-05	-2.86E-05	.00E+00	-9.47E-04	-7.36E-05	6.38E-04	4.33E-04	-4.17E-04					
61	987.00	-2.13E+00	-1.50E+00	-1.45E+00	-9.45E+00	3.25E-01	6.22E+00	7.64E+00	-1.13E+01	-45.94	-2.13E+00	-9.45E+00		
	-288.00	-3.07E-05	-2.33E-06	.00E+00	-8.59E-04	2.96E-05	5.65E-04	4.13E-04	-4.46E-04					
62	1037.00	1.16E+01	6.93E+00	7.41E+00	-6.91E+00	-1.46E+00	5.87E+00	1.66E+01	1.97E+00	-35.66	6.93E+00	6.91E+00		
	-318.00	1.90E-04	-2.19E-05	.00E+00	-6.28E-04	-1.33E-04	4.42E-04	4.16E-04	-2.47E-04					
63	862.00	2.19E-01	7.00E-02	-3.02E-01	-4.71E+00	-2.82E-01	3.60E+00	4.85E+00	-4.56E+00	-44.55	2.19E-01	-4.71E+00		
	-213.00	1.01E-05	3.36E-06	-1.36E-05	-4.28E-04	-2.56E-05	3.27E-04	2.21E-04	-2.07E-04					
64	1012.00	-6.81E-01	-4.66E-01	-9.10E-01	-5.05E+00	6.77E-02	3.51E+00	4.48E+00	-5.63E+00	-45.61	-6.81E-01	-5.05E+00		
	-213.00	-4.25E-06	5.55E-06	-1.47E-05	-4.60E-04	6.15E-06	3.19E-04	2.30E-04	-2.29E-04					
65	837.00	7.43E-02	3.19E-01	-1.20E+00	-3.58E+00	-1.36E+00	3.88E+00	3.78E+00	-3.39E+00	-45.98	3.19E-01	3.58E+00		
	-148.00	5.91E-06	1.15E-05	-2.30E-05	-1.63E-04	-6.17E-05	1.76E-04	9.02E-05	-7.28E-05					
66	937.00	6.10E-01	1.89E-01	-9.36E-01	-6.23E+00	-6.25E-01	4.33E+00	6.63E+00	-5.83E+00	-44.03	-4.05E+00	4.37E+00		
	-128.00	1.46E-05	5.01E-06	-2.06E-05	-2.83E-04	-2.84E-05	1.97E-04	1.51E-04	-1.32E-04					
67	1037.00	5.87E+00	1.37E+00	9.08E-01	-6.03E+00	-2.09E+00	5.17E+00	1.01E+01	-2.82E+00	-34.79	1.37E+00	6.03E+00		
	-148.00	9.06E-05	-1.15E-05	-2.21E-05	-2.74E-04	-9.49E-05	2.35E-04	1.86E-04	-1.07E-04					
68	837.00	2.02E+00	1.85E+00	8.56E-01	-6.79E+00	-1.34E+00	4.78E+00	8.73E+00	-4.85E+00	-44.64	2.02E+00	-6.79E+00		
	-68.00	2.58E-05	1.93E-05	-1.91E-05	-5.22E-04	-1.03E-04	3.68E-04	2.84E-04	-2.39E-04					
69	937.00	2.21E+00	-5.16E-01	-3.42E-01	-3.75E+00	-1.33E+00	3.18E+00	4.84E+00	-3.14E+00	-35.00	-5.16E-01	3.75E+00		
	-88.00	7.03E-05	-3.47E-05	-2.81E-05	-2.89E-04	-1.03E-04	2.45E-04	1.71E-04	-1.36E-04					
70	1037.00	3.62E-02	-7.62E-01	-1.21E+00	-6.38E+00	3.86E-01	6.66E+00	6.03E+00	-6.76E+00	-43.21	-5.05E+00	4.35E+00		
	-68.00	2.27E-05	-7.09E-06	-2.54E-05	-4.91E-04	2.97E-05	5.12E-04	2.53E-04	-2.39E-04					
71	862.00	1.48E+00	8.95E-01	2.02E-03	-2.90E+00	-1.14E+00	2.62E+00	4.11E+00	-1.73E+00	-42.10	1.48E+00	-2.90E+00		
	-18.00	3.09E-05	8.25E-06	-2.61E-05	-2.23E-04	-8.75E-05	2.01E-04	1.32E-04	-9.27E-05					
72	1012.00	-5.75E-01	-7.70E-01	-1.58E+00	-3.13E+00	1.89E-01	2.27E+00	2.46E+00	-3.80E+00	-44.11	-5.75E-01	-3.13E+00		
	-18.00	1.00E-05	2.54E-06	-2.86E-05	-2.41E-04	1.46E-05	1.75E-04	1.27E-04	-1.14E-04					
73	1387.00	-6.63E-01	-7.19E-01	-7.13E-01	-3.70E+00	-1.58E-02	1.95E+00	3.01E+00	-4.39E+00	-44.78	-6.63E-01	-3.70E+00		
	-303.00	-2.93E-06	-5.49E-06	-5.19E-06	-3.36E-04	-1.44E-06	1.77E-04	1.64E-04	-1.72E-04					
74	1387.00	-1.14E-01	3.57E-02	-5.29E-01	-3.93E+00	-9.39E-02	1.98E+00	3.89E+00	-3.97E+00	-45.55	-1.14E-01	-3.93E+00		
	-213.00	2.69E-06	9.51E-06	-1.61E-05	-3.57E-04	-8.54E-06	1.80E-04	1.85E-04	-1.73E-04					
75	1387.00	2.74E-02	-3.37E-01	-1.43E+00	-2.90E+00	-2.80E-01	1.29E+00	2.75E+00	-3.06E+00	-43.20	2.74E-02	-2.90E+00		
	-138.00	9.77E-06	1.49E-06	-2.35E-05	-1.32E-04	-1.27E-05	5.86E-05	7.17E-05	-6.04E-05					
76	1187.00	1.18E+00	8.44E-01	2.87E-03	-4.33E+00	-8.95E-01	8.85E-01	5.35E+00	-3.32E+00	-43.89	1.18E+00	-4.33E+00		
	-68.00	2.31E-05	1.02E-05	-2.22E-05	-3.33E-04	-6.88E-05	6.81E-05	1.83E-04	-1.50E-04					
77	1387.00	1.37E+00	1.03E+00	-1.69E-01	-2.32E+00	-6.46E-01	1.60E+00	3.53E+00	-1.12E+00	-42.89	1.03E+00	2.32E+00		
	-88.00	2.82E-05	1.51E-05	-3.11E-05	-1.79E-04	-4.97E-05	1.23E-04	1.11E-04	-6.78E-05					
78	1587.00	1.66E-01	7.63E-02	-9.91E-01	-2.80E+00	9.74E-02	6.52E-01	2.92E+00	-2.68E+00	-44.54	-9.98E-01	2.57E+00		
	-68.00	1.35E-05	1.01E-05	-2.71E-05	-2.16E-04	7.49E-06	5.01E-05	1.20E-04	-9.60E-05					
79	1237.00	1.74E+00	6.76E-01	-1.42E-01	-2.44E+00	-8.69E-01	1.26E+00	3.70E+00	-1.29E+00	-38.87	1.74E+00	-2.44E+00		
	-18.00	4.18E-05	1.04E-06	-3.04E-05	-1.88E-04	-6.69E-05	9.72E-05	1.18E-04	-7.47E-05					
80	1433.80	1.05E+00	4.37E-01	-5.52E-01	-2.85E+00	-3.15E-01	8.97E-01	3.61E+00	-2.13E+00	-41.95	1.05E+00	-2.85E+00		
	-8.00	3.00E-05	6.56E-06	-3.15E-05	-2.19E-04	-2.42E-05	6.90E-05	1.29E-04	-9.21E-05					
81	1533.80	1.71E+00	4.18E-01	-2.65E-01	-1.72E+00	-2.03E-01	5.77E-01	2.90E+00	-7.76E-01	-34.74	4.18E-01	1.72E+00		
	-28.00	4.52E-05	-4.36E-06	-3.06E-05	-1.32E-04	-1.56E-05	4.44E-05	9.11E-05	-5.03E-05					
82	1633.80	1.70E+00	5.24E-01	-1.59E-01	-5.80E-01	1.28E-01	4.18E-02	1.94E+00	2.86E-01	-22.32	2.87E-01	4.95E-02		
	-8.00	4.26E-05	-2.53E-06	-2.87E-05	-4.46E-05	9.88E-06	3.21E-06	5.18E-05	-1.17E-05					
83	1433.80	7.24E+00	3.15E+00	2.88E+00	-1.92E+00	-1.96E+00	7.27E-01	8.00E+00	2.39E+00	-21.61	3.15E+00	1.92E+00		
	27.60	1.33E-04	-2.46E-05	-3.51E-05	-1.48E-04	-1.51E-04	5.59E-05	1.62E-04	-5.39E-05					
84	1296.10	2.54E+00	3.39E-01	-1.10E-01	-2.06E+00	-9.69E-01	1.05E+00	3.78E+00	-8.96E-01	-30.94	1.60E+00	2.33E+00		
	40.70	6.73E-05	-1.74E-05	-3.47E-05	-1.59E-04	-7.46E-05	8.08E-05	1.15E-04	-6.45E-05					
85	1148.60	1.11E+00	-5.00E-01	-3.26E-01	-2.64E+00	-1.05E+00	2.54E-01	3.07E+00	-2.45E+00	-36.50	-2.02E+00	-1.49E+00		

	57.33	4.52E-05	-1.69E-05	-3.94E-05	-2.03E-04	-8.06E-05	1.95E-05	1.20E-04	-9.20E-05					
86	1131.40	9.14E+00	4.42E+00	3.85E+00	-1.01E+00	-3.72E+00	-1.73E-02	9.36E+00	4.21E+00	-11.55	4.42E+00	1.01E+00		
	112.00	1.61E-04	-2.15E-05	-4.35E-05	-7.78E-05	-2.86E-04	-1.33E-06	1.65E-04	-2.95E-05					
87	1019.90	2.68E+00	1.05E+00	2.94E-01	-2.92E+00	-1.53E+00	4.37E+00	4.89E+00	-1.16E+00	-37.18	1.05E+00	2.92E+00		
	34.67	5.90E-05	-3.78E-06	-3.32E-05	-2.24E-04	-1.18E-04	3.36E-04	1.44E-04	-8.88E-05					
88	886.60	1.22E+00	4.44E-01	-3.43E-01	-2.32E+00	-7.39E-01	2.45E+00	3.16E+00	-1.52E+00	-40.27	1.22E+00	-2.32E+00		
	44.00	3.23E-05	2.60E-06	-2.77E-05	-1.78E-04	-5.69E-05	1.88E-04	1.08E-04	-7.29E-05					
89	869.80	5.86E+00	2.51E+00	2.07E+00	-1.23E+00	-2.33E+00	5.83E-01	6.26E+00	2.11E+00	-18.13	2.51E+00	1.23E+00		
	96.00	1.11E-04	-1.82E-05	-3.51E-05	-9.45E-05	-1.79E-04	4.48E-05	1.26E-04	-3.37E-05					
90	952.60	9.01E-01	-2.86E+00	-1.95E+00	-3.53E+00	-1.09E+00	2.55E+00	3.02E+00	-4.98E+00	-30.98	-4.04E+00	2.57E+00		
	128.00	7.77E-05	-6.70E-05	-3.21E-05	-2.71E-04	-8.38E-05	1.96E-04	1.59E-04	-1.48E-04					
91	869.80	1.69E+00	3.13E-01	-2.12E-01	-1.54E+00	-1.19E+00	3.56E-01	2.68E+00	-6.81E-01	-32.92	1.69E+00	-1.54E+00		
	160.00	4.53E-05	-7.65E-06	-3.78E-05	-1.18E-04	-9.13E-05	2.74E-05	8.36E-05	-4.59E-05					
92	869.80	8.22E+00	2.70E+00	2.78E+00	-8.69E-01	-4.40E+00	9.72E-01	8.36E+00	2.57E+00	-8.74	2.70E+00	8.69E-01		
	203.60	1.66E-04	-4.67E-05	-4.36E-05	-6.69E-05	-3.38E-04	7.47E-05	1.71E-04	-5.18E-05					
93	598.67	-3.59E-01	6.01E-02	-4.23E-01	-4.58E+00	-3.11E+00	5.37E+00	4.43E+00	-4.73E+00	-46.31	6.01E-02	4.58E+00		
	14.00	-5.87E-06	1.02E-05	-8.33E-06	-3.52E-04	-2.39E-04	4.13E-04	1.78E-04	-1.74E-04					
94	645.75	7.48E-01	4.76E-01	1.37E-01	-2.94E+00	-1.24E+00	2.50E+00	3.55E+00	-2.33E+00	-43.68	7.48E-01	-2.94E+00		
	24.00	1.38E-05	3.37E-06	-9.70E-06	-2.26E-04	-9.53E-05	1.93E-04	1.22E-04	-1.04E-04					
95	613.10	1.15E+00	1.91E+00	1.07E+00	-5.04E+00	-1.32E+00	1.15E-01	6.53E+00	-3.57E+00	-46.88	1.15E+00	-5.04E+00		
	69.33	-1.97E-07	2.54E-05	-3.02E-06	-3.88E-04	-1.02E-04	8.84E-06	2.07E-04	-1.82E-04					
96	708.45	1.46E+00	3.61E-01	3.51E-02	-2.36E+00	-1.28E+00	1.88E+00	3.34E+00	-1.52E+00	-38.45	1.83E+00	2.25E+00		
	55.00	3.58E-05	-6.53E-06	-1.91E-05	-1.82E-04	-9.85E-05	1.45E-04	1.08E-04	-7.87E-05					
97	613.10	4.26E+00	1.80E+00	1.64E+00	-1.60E+00	-4.35E+00	1.20E+00	5.05E+00	1.01E+00	-26.24	1.80E+00	1.60E+00		
	96.00	7.92E-05	-1.55E-05	-2.15E-05	-1.23E-04	-3.35E-04	9.26E-05	1.10E-04	-4.59E-05					
98	682.27	1.61E+00	5.36E-01	1.55E-01	-3.23E+00	-1.34E+00	1.84E+00	4.34E+00	-2.20E+00	-40.30	-1.77E+00	1.62E+00		
	112.00	3.65E-05	-4.63E-06	-1.93E-05	-2.48E-04	-1.03E-04	1.42E-04	1.42E-04	-1.10E-04					
99	751.43	5.17E+00	-1.08E+00	6.24E-01	-3.60E+00	-3.03E+00	4.67E+00	6.81E+00	-2.73E+00	-24.50	-1.08E+00	3.60E+00		
	96.00	1.47E-04	-9.35E-05	-2.78E-05	-2.77E-04	-2.33E-04	3.59E-04	2.10E-04	-1.57E-04					
100	683.25	1.27E+00	2.20E-01	-2.01E-01	-1.20E+00	-1.04E+00	1.69E+00	2.06E+00	-5.63E-01	-33.14	1.27E+00	-1.20E+00		
	152.00	3.48E-05	-5.75E-06	-2.19E-05	-9.22E-05	-7.97E-05	1.30E-04	6.49E-05	-3.59E-05					
101	648.67	7.05E+00	3.20E+00	3.00E+00	-7.02E-01	-2.98E+00	9.32E-01	7.17E+00	3.08E+00	-10.03	3.20E+00	7.02E-01		
	192.00	1.25E-04	-2.24E-05	-3.02E-05	-5.40E-05	-2.29E-04	7.17E-05	1.30E-04	-2.72E-05					
102	725.25	1.03E+00	-6.74E-01	-7.54E-01	-1.30E+00	-8.05E-01	1.28E+00	1.73E+00	-1.37E+00	-28.34	1.41E-01	1.55E+00		
	232.70	4.41E-05	-2.16E-05	-2.47E-05	-9.99E-05	-6.19E-05	9.88E-05	7.10E-05	-4.85E-05					
103	635.50	1.15E+00	1.47E+00	3.72E-01	3.10E-02	-6.33E-01	-6.42E-01	1.47E+00	1.15E+00	84.43	1.15E+00	3.10E-02		
	256.00	1.15E-05	2.36E-05	-1.86E-05	2.39E-06	-4.87E-05	-4.94E-05	2.37E-05	1.13E-05					
104	635.50	2.42E+00	1.69E+00	5.44E-01	1.36E-01	-2.23E+00	9.40E-02	2.45E+00	1.66E+00	10.11	1.69E+00	-1.36E-01		
	290.67	4.21E-05	1.37E-05	-3.02E-05	1.05E-05	-1.72E-04	7.23E-06	4.30E-05	1.28E-05					
105	569.00	-8.64E-01	-3.49E-02	-2.66E-01	-4.81E+00	-1.64E+00	4.53E+00	4.38E+00	-5.28E+00	-47.46	-8.64E-01	-4.81E+00		
	16.50	-2.04E-05	1.15E-05	2.57E-06	-3.70E-04	-1.26E-04	3.48E-04	1.81E-04	-1.90E-04					
106	508.50	-9.93E+00	-6.65E+00	-6.39E+00	-3.48E+00	-3.92E+00	1.31E+00	-4.44E+00	-1.21E+01	-57.59	-6.65E+00	3.48E+00		
	13.00	-1.29E-04	-3.45E-06	6.62E-06	-2.68E-04	-3.01E-04	1.01E-04	8.16E-05	-2.15E-04					
107	521.00	-2.71E+00	-1.27E+00	-1.03E+00	-4.73E+00	-1.36E+00	2.46E+00	2.80E+00	-6.78E+00	-49.33	-2.71E+00	-4.73E+00		
	18.75	-4.92E-05	6.19E-06	1.55E-05	-3.64E-04	-1.04E-04	1.89E-04	1.63E-04	-2.06E-04					
108	526.25	-2.34E+00	-1.07E+00	-9.26E-01	-5.22E+00	-1.15E+00	2.56E+00	3.55E+00	-6.96E+00	-48.47	-2.34E+00	-5.22E+00		
	21.00	-4.24E-05	6.41E-06	1.21E-05	-4.01E-04	-8.88E-05	1.97E-04	1.84E-04	-2.20E-04					
109	515.50	-6.21E+00	-4.20E+00	-4.17E+00	-6.44E+00	-2.80E+00	1.33E+00	1.32E+00	-1.17E+01	-49.45	-4.20E+00	6.44E+00		
	26.00	-7.88E-05	-1.18E-06	-1.22E-07	-4.96E-04	-2.16E-04	1.02E-04	2.11E-04	-2.91E-04					
110	531.50	-9.41E-01	-6.00E-01	-4.26E-01	-4.26E+00	-8.21E-01	2.22E+00	3.50E+00	-5.04E+00	-46.14	-9.41E-01	-4.26E+00		
	34.50	-1.46E-05	-1.47E-06	5.24E-06	-3.28E-04	-6.31E-05	1.71E-04	1.56E-04	-1.72E-04					
111	515.50	3.17E+00	5.02E+00	3.66E+00	-1.25E+01	-6.58E-01	-8.40E-01	1.66E+01	-8.42E+00	-47.12	3.17E+00	-1.25E+01		
	44.00	-8.26E-06	6.28E-05	1.05E-05	-9.60E-04	-5.06E-05	-6.46E-05	5.09E-04	-4.54E-04					
112	515.50	1.08E+00	5.48E-01	5.21E-01	-2.89E+00	-1.68E+00	1.08E+00	3.71E+00	-2.08E+00	-42.36	5.48E-01	2.89E+00		
	53.33	1.80E-05	-2.57E-06	-3.59E-06	-2.22E-04	-1.29E-04	8.32E-05	1.19E-04	-1.04E-04					
113	547.50	1.55E+00	-9.45E-01	1.20E-01	-4.58E+00	-9.80E-01	5.03E+00	5.05E+00	-4.44E+00	-37.36	-2.36E+00	3.92E+00		
	64.00	5.18E-05	-4.44E-05	-3.38E-06	-3.52E-04	-7.54E-05	3.87E-04	1.86E-04	-1.79E-04					
114	515.50	3.75E+00	4.36E+00	3.24E+00	-5.21E+00	-3.63E-01	8.76E-01	9.27E+00	-1.16E+00	-46.68	3.75E+00	-5.21E+00		
	74.67	1.96E-05	4.30E-05	-2.40E-07	-4.01E-04	-2.79E-05	6.73E-05	2.32E-04	-1.69E-04					
115	515.50	7.54E+00	4.66E+00	4.70E+00	-1.88E+00	-1.26E+00	1.03E+00	8.47E+00	3.73E+00	-26.30	4.66E+00	1.88E+00		
	88.00	1.04E-04	-6.46E-06	-4.99E-06	-1.45E-04	-9.72E-05	7.92E-05	1.40E-04	-4.23E-05					
116	547.50	4.36E+00	3.15E-01	1.70E+00	-5.79E+00	-8.32E-01	3.56E+00	8.47E+00	-3.79E+00	-35.37	-2.17E+00	4.15E+00		
	104	9.77E-05	-5.79E-05	-4.70E-06	-4.45E-04	-6.40E-05	[illegible]74E-04	2.56E-04	-2.16E-04					
117	[illegible]	1.36E+00	1.42E+00	7.09E-01	-4.18E+00	-1.16E-0[illegible]	[illegible]3E+00	[illegible].57E+00	-2.79E+00	-45.20	1.36E+00	-4[illegible]		

	120.	1.30E-05	1.52E-05	-5.50E-06	-3.21E-04	-8.55E-06	[illegible]	[illegible]5E-04	1.75E-04	-1.47E-04				
118	515.	[illegible]5.03E+00	2.99E+00	2.75E+00	-1.61E+00	-7.05E-01	[illegible]E-01	5.92E+00	2.10E+00	-28.73	2.98E+00	1.6[illegible]		
	136.	7.53E-05	-3.71E-06	-1.25E-05	-1.24E-04	-5.42E-05	[illegible]5E-05	1.09E-04	-3.76E-05					
119	547.50	3.81E+00	1.21E+00	1.535E+00	-3.81E+00	-4.63E-01	1.95E+00	6.54E+00	-1.52E+00	-35.59	-4.31E-01	2.75E+00		
	152.00	7.39E-05	-2.60E-05	-1.17E-05	-2.93E-04	-3.56E-05	1.45E-04	1.79E-04	-1.31E-04					
120	515.50	1.82E+00	1.58E+00	7.86E-01	-2.77E+00	-1.23E-01	6.72E-01	4.47E+00	-1.07E+00	-43.77	1.82E+00	-2.77E+00		
	168.00	2.40E-05	1.48E-05	-1.58E-05	-2.13E-04	-9.49E-06	5.17E-05	1.26E-04	-8.73E-05					
121	515.50	6.70E+00	4.02E+00	3.615+00	-1.24E+00	-8.67E-01	6.39E-01	7.19E+00	3.53E+00	-21.40	4.02E+00	1.24E+00		
	184.00	1.00E-04	-2.93E-06	-1.87E-05	-9.56E-05	-6.67E-05	4.92E-05	1.19E-04	-2.17E-05					
122	547.50	2.21E+00	-1.34E+00	-2.94E-01	-4.21E+00	-4.51E-01	2.83E+00	5.06E+00	-4.13E+00	-33.57	-3.11E+00	2.88E+00		
	200.00	7.86E-05	-5.78E-05	-1.76E-05	-3.23E-04	-3.47E-05	2.18E-04	1.86E-04	-1.65E-04					
123	515.50	-9.28E-01	-1.54E+00	-1.79E+00	-1.96E+00	1.88E-01	8.83E-01	7.45E-01	-3.21E+00	-40.56	-9.28E-01	-1.96E+00		
	216.00	1.10E-05	-1.24E-05	-2.20E-05	-1.50E-04	1.45E-05	6.79E-05	7.54E-05	-7.68E-05					
124	515.50	1.81E+00	8.40E-01	2.26E-01	-4.72E-01	-5.97E-02	4.25E-01	2.00E+00	6.46E-01	-22.09	8.40E-01	4.72E-01		
	232.00	3.81E-05	6.66E-07	-2.29E-05	-3.63E-05	-4.59E-06	3.27E-05	4.54E-05	-6.71E-06					
125	547.50	6.12E-01	-7.78E-02	-5.72E-01	-9.63E-01	3.71E-02	2.00E+00	1.29E+00	-7.55E-01	-35.14	-4.90E-01	6.87E-01		
	248.00	2.40E-05	-2.58E-06	-2.16E-05	-7.40E-05	2.86E-06	1.54E-04	5.00E-05	-2.86E-05					
126	515.50	-1.93E+00	-2.75E+00	-2.74E+00	2.87E-01	4.98E-01	1.24E+00	-1.84E+00	-2.85E+00	17.38	-1.93E+00	2.87E-01		
	264.00	7.26E-06	-2.45E-05	-2.36E-05	2.21E-05	3.83E-05	9.56E-05	1.07E-05	-2.80E-05					
127	515.50	6.15E-01	1.87E-01	-3.72E-01	-1.24E-01	8.12E-01	2.54E-01	6.49E-01	1.54E-01	-15.04	1.87E-01	1.24E-01		
	276.00	1.89E-05	2.46E-06	-1.90E-05	-9.55E-06	6.24E-05	1.95E-05	2.02E-05	1.17E-06					
128	531.50	-1.08E+00	-6.50E-01	-1.43E+00	-7.71E-02	4.42E-01	1.56E-01	-6.37E-01	-1.10E+00	-80.22	-1.08E+00	-7.71E-02		
	297.00	-6.89E-06	9.80E-06	-2.03E-05	-5.93E-06	3.40E-05	1.20E-05	1.03E-05	-7.40E-06					
129	515.50	-3.90E+00	-3.01E+00	-3.52E+00	7.98E-01	4.65E-01	6.92E-01	-2.54E+00	-4.37E+00	59.47	-3.90E+00	7.98E-01		
	320.00	-3.53E-05	-1.32E-06	-2.07E-05	6.14E-05	3.57E-05	5.33E-05	1.68E-05	-5.34E-05					
103	565.50	-2.17E-01	2.27E-01	3.35E-01	-7.22E+00	-2.15E+00	5.57E+00	7.23E+00	-7.22E+00	-45.88	-2.17E-01	-7.22E+00		
	-8.00	-1.22E-05	4.95E-06	9.10E-06	-5.55E-04	-1.65E-04	4.28E-04	2.74E-04	-2.81E-04					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.7828E+02	.4999E+03	-.6085E+02	-.7135E+02	-.1565E+03	.1083E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1035E+02	-.4569E+01	-.2024E+01	-.6757E+02	.4252E+02	.5829E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.9061E+01	.1508E+01	-.9070E+00	-.1107E+03	.9478E+02	.1069E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1277E+02	-.2912E+01	-.1744E+00	-.1555E+03	.1491E+03	.1566E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1439E+02	.2151E+01	-.2239E+00	-.2007E+03	.2030E+03	.2111E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.4269E+00	.1233E+01	-.8442E+00	-.2693E+03	.2580E+03	.2774E+03
25	-.3143E+02	-.5110E+01	-.1812E+00	-.3352E+03	.2844E+03	.3425E+03
26	.1530E+02	.1596E+01	-.3409E-02	-.3631E+03	.3011E+03	.3903E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1436E+03	.3177E+02	-.5641E+01	-.3723E+03	.4183E+03	.4291E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2878E+04	-.4091E+03	.1844E+02	-.5273E+03	.1126E+04	.6823E+03
40	-.2009E+04	-.3142E+03	-.5415E+01	-.4964E+03	.1111E+04	.6246E+03
41	-.1319E+04	-.1759E+03	-.2617E+02	-.4292E+03	.1007E+04	.5409E+03
42	-.3084E+03	-.2164E+02	-.2445E+02	-.3738E+03	.7147E+03	.4710E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.3179E+04	.4169E+03	.1714E+02	-.8275E+02	.1190E+04	-.3710E+03
48	.2760E+04	.3611E+03	.1938E+02	-.1740E+03	.1101E+04	-.2641E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.4719E+04	.7179E+03	.2245E+02	.9057E+02	.8152E+03	-.1075E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1290E+02	-.2237E+02	.8653E+00	-.4716E+02	.1170E+04	-.3502E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.3232E+04	.4903E+03	.2225E+02	.1653E+02	.6550E+03	-.1007E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2264E+04	.3447E+03	.2975E+02	.2027E+02	.6111E+03	-.9779E+03
66	.7597E+03	.1181E+03	.3737E+02	.3094E+02	.4965E+03	-.1019E+04
67	-.1554E+04	-.2298E+03	.3743E+02	.2875E+02	.3776E+03	-.1016E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2763E+04	-.4118E+03	.3135E+02	-.1002E+03	.2711E+03	-.1031E+04
76	.3006E+03	.4659E+02	.2155E+02	-.1411E+03	.1340E+03	-.1048E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1163E+04	-.1746E+03	.1584E+02	-.1666E+03	-.3188E+02	-.1010E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.4808E+03	.7252E+02	.1132E+02	-.2340E+03	-.1323E+03	-.5890E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.6820E+03	-.1047E+03	.1011E+02	-.1913E+03	-.2737E+03	-.9119E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.4456E+03	.6361E+02	.8435E+01	-.1568E+03	-.3573E+03	-.8312E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.5122E+03	-.8122E+02	.8562E+01	-.1585E+03	-.4763E+03	-.7491E+03
109	.3039E+03	.4045E+02	.7389E+01	-.1596E+03	-.5538E+03	-.6470E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.4296E+03	-.7055E+02	.7137E+01	-.9321E+02	-.6443E+03	-.5414E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2259E+03	-.4044E+02	.1306E+01	-.5079E+02	-.6838E+03	-.4309E+03
115	-.7336E+02	-.1790E+02	-.6612E+00	-.1059E+02	-.6888E+03	-.3156E+03
116	-.2186E+03	-.4051E+02	-.2888E+01	.1365E+02	-.7186E+03	-.2463E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2219E+03	-.4138E+02	-.5138E+01	-.1904E+02	-.7370E+03	-.2115E+03
119	-.1578E+03	-.3116E+02	-.7494E+01	.5687E+02	-.6698E+03	-.1291E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.3993E+03	-.5105E+02	-.2415E+02	.4899E+02	-.5747E+03	-.7329E+02
122	-.3371E+03	-.2329E+02	-.3950E+02	-.2005E+02	-.5542E+03	-.6741E+02
123	-.2555E+03	-.1512E+02	-.3482E+02	-.1414E+02	-.4838E+03	-.6057E+02
124	-.1861E+03	-.1072E+02	-.2402E+02	-.1006E+02	-.3982E+03	-.5505E+02
125	-.1216E+03	-.5027E+01	-.1760E+02	-.6672E+01	-.3289E+03	-.4978E+02
126	-.3655E+02	.8213E+01	-.1639E+02	-.2348E+01	-.2762E+03	-.4415E+02
127	.2594E+02	.1863E+02	-.1670E+02	.5960E+00	-.2355E+03	-.3701E+02
128	.8946E+02	.2710E+02	-.1586E+02	.7538E+01	-.1524E+03	-.2899E+02
129	.9015E+02	.2341E+02	-.1321E+02	.1070E+02	-.8581E+02	-.2201E+02
130	.6242E+02	.1429E+02	-.9543E+01	.1129E+02	-.3724E+02	-.1726E+02
131	.1631E+02	.2554E+01	-.6312E+01	.9769E+01	-.1158E+02	-.1444E+02
132	-.1884E+01	-.1186E+01	-.4629E+01	.6351E+01	-.1331E+02	-.1255E+02
133	-.3204E+01	-.9824E+00	-.4266E+01	.4321E+01	-.1609E+02	-.1062E+02
134	-.8834E+00	-.2814E+00	-.4273E+01	.3296E+01	-.1380E+02	-.8371E+01
135	-.3283E-02	-.1384E-01	-.4808E+01	.2524E+01	-.9746E+01	-.6166E+01
136	.2388E-01	-.2381E-01	-.6392E+01	.1774E+01	-.6294E+01	-.4111E+01
137	.1286E+00	.4327E-01	-.1006E+02	.1238E+01	-.2836E+01	-.2247E+01
138	-.5443E-01	-.2273E+00	-.1692E+03	.8264E+00	.7510E+00	-.1126E+01
139	-.1664E+00	-.2697E+00	.6019E+02	.1314E+00	-.4042E+00	.4081E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.30759E-01	.15926E-03	-.30748E-01	.00000E+00
3	.55985E-01	.56314E-03	-.56000E-01	.00000E+00
4	.60698E-01	.56272E-03	-.60617E-01	.00000E+00
5	.65509E-01	.20380E-04	-.65534E-01	.00000E+00
6	.73901E-01	-.92310E-05	-.73892E-01	.13014E-04
7	.67932E-01	.11332E-02	-.68764E-01	.00000E+00
8	.74101E-01	.95428E-03	-.74317E-01	.23733E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.30459E-01	.33953E-03	-.30700E-01	.00000E+00
11	.56290E-01	.71243E-03	-.56994E-01	.00000E+00
12	.62743E-01	.81159E-03	-.63578E-01	.00000E+00
13	.67908E-01	.62997E-03	-.68293E-01	.00000E+00
14	.74531E-01	.84238E-03	-.75443E-01	.67496E-05

15	.68107E-01	.16519E-02	-.71479E-01	.00000E+00
16	.75174E-01	.13574E-02	-.77296E-01	-.32238E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.30741E-01	.49456E-03	-.31777E-01	.00000E+00
19	.57332E-01	.93400E-03	-.59539E-01	.00000E+00
20	.64096E-01	.11508E-02	-.66720E-01	.00000E+00
21	.69511E-01	.75352E-03	-.71864E-01	.00000E+00
22	.76060E-01	.86140E-03	-.79889E-01	.29535E-05
23	.71340E-01	.24588E-02	-.77310E-01	.00000E+00
24	.77162E-01	.20977E-02	-.83299E-01	.24445E-04
25	.77936E-01	.26344E-02	-.85513E-01	-.12508E-06
26	.78395E-01	.25571E-02	-.86829E-01	-.71519E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.30775E-01	.95410E-03	-.32512E-01	.00000E+00
29	.59505E-01	.17984E-02	-.61830E-01	.00000E+00
30	.65500E-01	.20427E-02	-.70278E-01	.00000E+00
31	.71870E-01	.24919E-02	-.78190E-01	.00000E+00
32	.78864E-01	.29341E-02	-.88291E-01	.67832E-04
33	.71682E-01	.36962E-02	-.78091E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.30557E-01	.14115E-02	-.32448E-01	.00000E+00
36	.59032E-01	.22142E-02	-.62149E-01	.00000E+00
37	.66217E-01	.24530E-02	-.69843E-01	.00000E+00
38	.73799E-01	.30735E-02	-.80891E-01	.00000E+00
39	.79739E-01	.41342E-02	-.90788E-01	-.44741E-04
40	.79591E-01	.43770E-02	-.90207E-01	-.18772E-05
41	.79450E-01	.42245E-02	-.89669E-01	.27642E-04
42	.79214E-01	.37142E-02	-.89059E-01	.55744E-04
43	.65534E-01	.32295E-02	-.67610E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.28484E-01	-.14332E-03	-.29080E-01	.00000E+00
46	.58842E-01	.19753E-02	-.58780E-01	.00000E+00
47	.79809E-01	.37715E-02	-.90999E-01	-.40335E-04
48	.79788E-01	.39485E-02	-.90980E-01	-.61752E-04
49	.73713E-01	.31961E-02	-.80163E-01	.00000E+00
50	.80544E-01	.39462E-02	-.91314E-01	-.18127E-03
51	.74447E-01	.35580E-02	-.77812E-01	.00000E+00
52	.83406E-01	.35093E-02	-.85340E-01	.00000E+00
53	.79861E-01	.35412E-02	-.91075E-01	-.86657E-05
54	.65281E-01	.20124E-02	-.62507E-01	.00000E+00
55	.73259E-01	.29612E-02	-.69864E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.24388E-01	.26708E-02	-.20604E-01	.00000E+00
58	.52345E-01	.15705E-02	-.39274E-01	.00000E+00
59	.94984E-01	.25724E-02	-.79998E-01	.00000E+00
60	.83621E-01	.33040E-02	-.82661E-01	.00000E+00
61	.81244E-01	.39530E-02	-.91532E-01	-.27941E-03
62	.61556E-01	.97297E-03	-.47475E-01	.00000E+00
63	.70987E-01	.82366E-03	-.58167E-01	.00000E+00
64	.85114E-01	.34348E-02	-.86518E-01	.00000E+00
65	.82190E-01	.39601E-02	-.91735E-01	-.34722E-03
66	.84534E-01	.39694E-02	-.92143E-01	-.42169E-03
67	.37062E-01	.39719E-02	-.92587E-01	-.40192E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.10114E-01	-.31624E-03	-.11838E-01	.00000E+00
70	.55146E-01	.18175E-03	-.38225E-01	.00000E+00
71	.82586E-01	.56234E-03	-.66462E-01	.00000E+00
72	.87424E-01	.31303E-02	-.86567E-01	.00000E+00
73	.67841E-01	.27414E-03	-.42741E-01	.00000E+00
74	.92757E-01	.31309E-02	-.90491E-01	.00000E+00
75	.89213E-01	.39745E-02	-.92976E-01	-.30586E-03
76	.92104E-01	.40595E-02	-.93766E-01	-.21415E-03
77	.78226E-01	-.40768E-03	-.53285E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00

	.22777E-01	.78777E-03	-.15028E-01	.00000E+00
	.52475E-01	-.63577E-03	-.32401E-01	.00000E+00
81	.57283E-01	-.81119E-03	-.34980E-01	.00000E+00
82	.65129E-01	-.12209E-02	-.43318E-01	.00000E+00
83	.92108E-01	.12158E-03	-.73630E-01	.00000E+00
84	.96204E-01	-.97409E-03	-.59330E-01	.00000E+00
85	.95381E-01	.40947E-02	-.94716E-01	-.17126E-03
86	.96156E-01	.32330E-02	-.93397E-01	.00000E+00
87	.78689E-01	-.93726E-03	-.49016E-01	.00000E+00
88	.96167E-01	.22381E-02	-.84364E-01	.00000E+00
89	.97635E-01	.41985E-02	-.95683E-01	-.13761E-03
90	.59350E-01	-.51033E-03	-.20593E-01	.00000E+00
91	.63828E-01	-.10184E-02	-.23722E-01	.00000E+00
92	.68564E-01	-.14592E-03	-.25696E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.25401E-01	.00000E+00	-.80358E-02	.00000E+00
95	.46844E-01	.00000E+00	-.14278E-01	.00000E+00
96	.53775E-01	.00000E+00	-.16782E-01	.00000E+00
97	.56064E-01	.00000E+00	-.15845E-01	.00000E+00
98	.54051E-01	.00000E+00	-.15091E-01	.00000E+00
99	.60421E-01	.79184E-04	-.17394E-01	.00000E+00
100	.75659E-01	-.16694E-03	-.33612E-01	.00000E+00
101	.91960E-01	.62914E-03	-.59008E-01	.00000E+00
102	.10112E+00	.43110E-02	-.97034E-01	-.12368E-03
103	.96489E-01	.77697E-03	-.75099E-01	.00000E+00
104	.10259E+00	.38537E-02	-.96731E-01	.00000E+00
105	.10355E+00	.43765E-02	-.98219E-01	-.10624E-03
106	.10103E+00	.95799E-03	-.83552E-01	.00000E+00
107	.10653E+00	.40296E-02	-.98024E-01	.00000E+00
108	.10633E+00	.44360E-02	-.99298E-01	-.10138E-03
109	.10834E+00	.44797E-02	-.10021E+00	-.86043E-04
110	.10685E+00	.39390E-02	-.88423E-01	.00000E+00
111	.11088E+00	.48555E-02	-.10060E+00	.00000E+00
112	.11051E+00	.45247E-02	-.10095E+00	-.76961E-04
113	.10999E+00	.33287E-02	-.93249E-01	.00000E+00
114	.11172E+00	.44573E-02	-.10153E+00	-.28476E-04
115	.11209E+00	.44358E-02	-.10192E+00	-.62485E-05
116	.11205E+00	.43150E-02	-.10211E+00	.12362E-04
117	.11151E+00	.51364E-02	-.10298E+00	.00000E+00
118	.11192E+00	.42387E-02	-.10218E+00	.26513E-04
119	.11109E+00	.42278E-02	-.10221E+00	.44999E-04
120	.11258E+00	.44530E-02	-.10303E+00	.00000E+00
121	.10969E+00	.40975E-02	-.10213E+00	.75882E-04
122	.10954E+00	.34675E-02	-.10226E+00	.90638E-04
123	.10931E+00	.28828E-02	-.10236E+00	.10224E-03
124	.10905E+00	.22230E-02	-.10246E+00	.11551E-03
125	.10870E+00	.14748E-02	-.10257E+00	.13112E-03
126	.10802E+00	.51129E-04	-.10273E+00	.14880E-03
127	.10730E+00	-.14642E-02	-.10289E+00	.15045E-03
128	.10593E+00	-.45253E-02	-.10323E+00	.12150E-03
129	.10501E+00	-.67408E-02	-.10353E+00	.78697E-04
130	.10448E+00	-.91126E-02	-.10386E+00	.29113E-04
131	.10455E+00	-.80278E-02	-.10435E+00	-.23431E-04
132	.10502E+00	-.65538E-02	-.10480E+00	-.36837E-04
133	.10543E+00	-.50465E-02	-.10518E+00	-.29951E-04
134	.10569E+00	-.38992E-02	-.10549E+00	-.23118E-04
135	.10586E+00	-.29504E-02	-.10575E+00	-.20687E-04
136	.10598E+00	-.20319E-02	-.10593E+00	-.20979E-04
137	.10605E+00	-.11319E-02	-.10604E+00	-.20771E-04
138	.10610E+00	-.17209E-03	-.10610E+00	-.21901E-04
139	.10610E+00	-.21244E-04	-.10610E+00	-.21312E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 AT TIME = .3100E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.91E-02	1.02E-01	2.34E-02	3.75E+00	1.07E-02	-3.77E+00	3.81E+00	-3.69E+00	45.32	1.81E-02	3.75E+00
	-303.00	-1.04E-06	2.77E-06	-8.00E-07	3.41E-04	9.69E-07	-3.43E-04	1.71E-04	-1.70E-04			
2	72.00	4.58E-02	1.40E-01	-2.71E-02	3.13E+00	2.02E-04	-3.22E+00	3.23E+00	-3.04E+00	45.43	4.58E-02	3.13E+00
	-213.00	1.73E-08	4.32E-06	-3.30E-06	2.85E-04	1.84E-08	-2.93E-04	1.45E-04	-1.46E-04			
3	72.00	4.86E-01	1.64E-01	-9.77E-02	2.08E+00	-1.50E-01	-2.26E+00	2.41E+00	-1.76E+00	42.78	4.86E-01	2.08E+00
	-138.00	8.16E-06	8.23E-07	-5.12E-06	9.44E-05	-8.62E-06	-1.03E-04	5.18E-05	-4.29E-05			
4	24.00	2.36E+00	1.26E+00	1.57E+00	3.85E+00	-6.27E-01	-4.20E+00	5.70E+00	-2.09E+00	40.95	2.36E+00	3.85E+00
	-68.00	3.37E-05	-8.57E-06	3.39E-06	2.96E-04	-4.83E-05	-3.23E-04	1.62E-04	-1.37E-04			
5	72.00	-7.81E-01	-3.74E-01	-8.84E-01	1.70E+00	8.43E-02	-1.83E+00	1.14E+00	-2.29E+00	48.41	-3.74E-01	-1.70E+00
	-88.00	-7.64E-06	8.04E-06	-1.16E-05	1.31E-04	6.49E-06	-1.41E-04	6.62E-05	-6.58E-05			
6	120.00	-4.25E-01	-4.34E-01	-5.97E-01	3.27E+00	1.77E-01	-3.25E+00	2.84E+00	-3.70E+00	44.96	2.79E+00	-5.94E-01
	-68.00	-3.47E-07	-6.93E-07	-6.96E-06	2.52E-04	1.36E-05	-2.50E-04	1.25E-04	-1.26E-04			
7	36.25	9.00E-01	3.53E-01	2.34E-01	1.81E+00	-2.36E-01	-1.74E+00	2.46E+00	-1.20E+00	40.70	8.38E-01	1.82E+00
	-19.00	1.83E-05	-2.78E-06	-7.34E-06	1.39E-04	-1.81E-05	-1.33E-04	7.81E-05	-6.26E-05			
8	108.00	-9.16E-02	-1.80E-01	-3.05E-01	1.39E+00	1.21E-02	-1.53E+00	1.25E+00	-1.52E+00	44.09	-9.16E-02	1.39E+00
	-19.00	2.81E-06	-5.74E-07	-5.41E-06	1.07E-04	9.30E-07	-1.18E-04	5.45E-05	-5.23E-05			
9	216.00	2.04E-01	2.84E-01	1.50E-01	3.75E+00	-2.49E-02	-3.83E+00	3.99E+00	-3.50E+00	45.31	2.04E-01	3.75E+00
	-303.00	9.80E-07	4.63E-06	-1.48E-06	3.41E-04	-2.26E-06	-3.48E-04	1.73E-04	-1.67E-04			
10	216.00	2.89E-01	2.87E-01	8.13E-02	3.22E+00	-8.50E-02	-3.33E+00	3.51E+00	-2.93E+00	44.99	2.89E-01	3.22E+00
	-213.00	4.60E-06	4.51E-06	-4.84E-06	2.93E-04	-7.73E-06	-3.03E-04	1.51E-04	-1.42E-04			
11	216.00	4.84E-01	2.34E-01	-2.06E-01	2.47E+00	-2.72E-01	-2.62E+00	2.83E+00	-2.11E+00	43.55	4.84E-01	2.47E+00
	-138.00	8.32E-06	2.63E-06	-7.37E-06	1.12E-04	-1.24E-05	-1.19E-04	6.16E-05	-5.06E-05			
12	168.00	1.13E+00	1.01E+00	6.75E-01	3.74E+00	-5.12E-01	-3.81E+00	4.91E+00	-2.67E+00	44.55	1.13E+00	3.74E+00
	-68.00	1.25E-05	7.95E-06	-4.97E-06	2.87E-04	-3.94E-05	-2.93E-04	1.54E-04	-1.34E-04			
13	216.00	-1.07E+00	-3.79E-01	-1.02E+00	1.55E+00	2.01E-02	-1.62E+00	8.63E-01	-2.31E+00	51.26	-3.79E-01	-1.55E+00
	-88.00	-1.39E-05	1.25E-05	-1.21E-05	1.19E-04	1.55E-06	-1.24E-04	6.03E-05	-6.17E-05			
14	264.00	-9.13E-03	-3.90E-01	-5.22E-01	3.20E+00	5.96E-02	-3.32E+00	3.01E+00	-3.41E+00	43.30	2.92E+00	-7.65E-01
	-68.00	9.77E-06	-4.89E-06	-9.94E-06	2.47E-04	4.58E-06	-2.55E-04	1.26E-04	-1.21E-04			
15	180.00	3.64E-01	6.97E-02	-1.34E-01	1.60E+00	-3.46E-01	-1.54E+00	1.82E+00	-1.39E+00	42.36	3.64E-01	1.60E+00
	-19.00	1.07E-05	-6.20E-07	-8.45E-06	1.23E-04	-2.66E-05	-1.18E-04	6.67E-05	-5.66E-05			
16	252.00	2.16E-01	-1.11E-01	-3.54E-01	1.32E+00	-1.27E-01	-1.61E+00	1.38E+00	-1.28E+00	41.48	2.16E-01	1.32E+00
	-19.00	1.10E-05	-1.52E-06	-1.09E-05	1.02E-04	-9.80E-06	-1.24E-04	5.59E-05	-4.64E-05			
17	361.00	2.77E-01	4.52E-01	2.32E-01	3.78E+00	-6.55E-03	-3.94E+00	4.14E+00	-3.41E+00	45.66	2.77E-01	3.78E+00
	-303.00	1.16E-07	8.05E-06	-1.92E-06	3.43E-04	-5.96E-07	-3.58E-04	1.76E-04	-1.68E-04			
18	361.00	3.54E-01	4.12E-01	1.31E-01	3.37E+00	-5.15E-02	-3.52E+00	3.76E+00	-2.95E+00	45.25	3.54E-01	3.37E+00
	-213.00	4.44E-06	7.08E-06	-5.69E-06	3.07E-04	-4.68E-06	-3.20E-04	1.59E-04	-1.48E-04			
19	361.00	5.39E-01	3.10E-01	-2.54E-01	2.64E+00	-2.45E-01	-2.96E+00	3.06E+00	-2.22E+00	43.76	5.39E-01	2.64E+00
	-138.00	9.13E-06	3.93E-06	-8.89E-06	1.20E-04	-1.11E-05	-1.34E-04	6.65E-05	-5.35E-05			
20	312.00	1.99E+00	1.55E+00	1.11E+00	4.22E+00	-8.74E-01	-4.57E+00	6.00E+00	-2.46E+00	43.52	1.99E+00	4.22E+00
	-68.00	2.54E-05	8.54E-06	-8.41E-06	3.25E-04	-6.72E-05	-3.52E-04	1.80E-04	-1.46E-04			
21	360.67	-1.76E+00	-9.45E-01	-1.56E+00	2.02E+00	1.65E-01	-2.36E+00	7.04E-01	-3.41E+00	50.71	-9.45E-01	-2.02E+00
	-88.00	-2.08E-05	1.06E-05	-1.32E-05	1.55E-04	1.27E-05	-1.81E-04	7.40E-05	-8.42E-05			
22	409.33	1.09E+00	1.47E+00	6.01E-01	4.03E+00	-2.76E-03	-5.02E+00	5.32E+00	-2.75E+00	46.36	5.27E+00	-6.46E-01
	-68.00	7.14E-06	2.19E-05	-1.17E-05	3.10E-04	-2.12E-07	-3.86E-04	1.70E-04	-1.41E-04			
23	324.00	7.41E-01	1.55E-01	-1.56E-01	1.65E+00	-6.16E-01	-1.63E+00	2.13E+00	-1.23E+00	39.97	7.41E-01	1.65E+00
	-19.00	2.04E-05	-2.18E-06	-1.41E-05	1.27E-04	-4.74E-05	-1.26E-04	7.36E-05	-5.54E-05			
24	372.00	3.98E-01	-3.84E-01	-5.78E-01	4.30E+00	-5.91E-01	-4.61E+00	4.32E+00	-4.31E+00	42.40	3.98E-01	4.30E+00
	-9.33	2.15E-05	-8.56E-06	-1.60E-05	3.31E-04	-4.55E-05	-3.55E-04	1.73E-04	-1.60E-04			
25	401.25	2.40E-01	-2.39E-02	-5.55E-01	1.42E+00	-1.88E-01	-1.91E+00	1.53E+00	-1.32E+00	42.34	-1.10E+00	7.47E-01
	-19.00	1.30E-05	2.81E-06	-1.78E-05	1.09E-04	-1.45E-05	-1.47E-04	6.27E-05	-4.69E-05			
26	427.67	2.05E+00	1.82E+00	1.01E+00	4.85E+00	-8.08E-01	-6.54E+00	6.79E+00	-2.92E+00	44.33	4.90E+00	3.84E+00
	-9.33	2.52E-05	1.64E-05	-1.48E-05	3.73E-04	-6.22E-05	-5.03E-04	2.07E-04	-1.66E-04			
27	457.00	3.35E-01	6.76E-01	3.43E-01	3.80E+00	2.94E-02	-3.58E+00	4.31E+00	-3.30E+00	46.28	3.35E-01	3.80E+00
	-303.00	-2.37E-06	1.31E-05	-1.99E-06	3.46E-04	2.68E-06	-3.62E-04	1.78E-04	-1.68E-04			
28	457.00	3.17E-01	4.65E-01	1.45E-01	3.55E+00	2.95E-02	-3.64E+00	3.94E+00	-3.16E+00	45.60	3.17E-01	3.55E+00
	-213.00	2.38E-06	9.09E-06	-5.46E-06	3.22E-04	2.68E-06	-3.31E-04	1.67E-04	-1.55E-04			
29	457.00	8.35E-01	4.64E-01	-7.20E-02	2.78E+00	2.05E-01	[illegible]	3.44E+00	-2.14E+00	43.09	8.35E-01	2.78[illegible]
	-138.[illegible]	[illegible].25E-05	4.11E-06	-8.07E-06	1.27E-04	9.33E-0[illegible]	[illegible]E-04	7.17E-05	-5.51E-05			
30	4[illegible]	[illegible].04E+00	2.35E+00	9.61E-01	4.75E+00	1.94E-0[illegible]	[illegible]E+00	6.49E+00	-3.10E+00	46.92	1.04E+00	4[illegible]

	-6[illegible]	[illegible]7.84E-06	4.25E-05	-1.08E-05	3.66E-04	1.49E-05	[illegible]E-04	2.02E-04	-1.67E-04				
31	457.[illegible]	[illegible]5.62E+00	-2.53E+00	-3.[illegible]E+00	1.6[illegible]E+00	2.68E+00	[illegible]E+00	-1.80E+00	-6.36E+00	66.34	-2.53E+00	-1.6[illegible]	
	-88.00	-8.76E-05	3.12E-05	-7.43E-06	1.29E-04	2.06E-04	-2.15E-04	5.95E-05	-1.16E-04				
32	472.67	9.26E+00	7.83E+00	6.55E+00	4.10E+00	-1.56E+00	-6.64E+00	1.27E+01	4.36E+00	40.07	1.17E+01	2.67E+00	
	-68.00	9.62E-05	4.14E-05	-7.67E-06	3.16E-04	-1.20E-04	-5.11E-04	2.29E-04	-9.13E-05				
33	443.00	8.88E-01	7.16E-01	-1.60E-02	2.42E+00	-2.54E-01	-2.55E+00	3.23E+00	-1.62E+00	43.98	8.88E-01	2.42E+00	
	-10.50	1.47E-05	1.01E-05	-1.31E-05	1.86E-04	-1.96E-05	-1.04E-04	1.07E-04	-7.95E-05				
34	454.00	7.30E+00	5.54E+00	4.66E+00	6.15E+00	-1.65E+00	-8.32E+00	1.27E+01	2.45E-01	40.74	9.82E+00	5.23E+00	
	-11.33	9.08E-05	1.99E-05	-1.41E-05	4.73E-04	-1.42E-04	-6.40E-04	2.94E-04	-1.84E-04				
35	461.67	1.95E+00	2.46E+00	1.26E+00	5.82E+00	-4.56E-01	-8.60E+00	8.03E+00	-3.62E+00	46.24	1.95E+00	5.82E+00	
	-12.00	1.29E-05	3.22E-05	-1.39E-05	4.48E-04	-3.51E-05	-6.61E-04	2.47E-04	-2.02E-04				
36	469.00	-4.43E+00	-1.65E+00	-2.98E+00	5.85E-01	2.39E+00	-3.45E+00	-1.53E+00	-4.55E+00	78.59	-1.65E+00	-5.85E-01	
	-30.00	-7.08E-05	3.62E-05	-1.51E-05	4.50E-05	1.84E-04	-2.65E-04	4.08E-05	-7.54E-05				
37	476.33	3.57E+00	4.87E+00	2.84E+00	3.97E+00	-4.92E-01	-7.09E+00	8.24E+00	2.03E-01	49.65	5.18E+00	3.91E+00	
	-12.00	1.35E-05	6.34E-05	-1.49E-05	3.05E-04	-3.79E-05	-5.45E-04	1.93E-04	-1.16E-04				
38	558.50	-1.75E-01	1.25E-01	-5.40E-02	3.55E+00	1.30E-01	-3.77E+00	3.53E+00	-3.58E+00	46.21	-1.75E-01	3.55E+00	
	-303.00	-6.60E-06	7.05E-06	-1.11E-06	3.23E-04	1.18E-05	-3.42E-04	1.62E-04	-1.61E-04				
39	558.50	1.29E-01	6.45E-01	2.33E-01	3.53E+00	2.63E-01	-3.66E+00	3.93E+00	-3.12E+00	47.09	1.29E-01	3.53E+00	
	-213.00	-7.21E-06	1.62E-05	-2.48E-06	3.21E-04	2.39E-05	-3.32E-04	1.66E-04	-1.56E-04				
40	506.17	-5.22E-02	1.43E+00	5.98E-02	7.87E+00	7.61E-01	-7.74E+00	8.59E+00	-7.22E+00	47.68	-5.22E-02	7.87E+00	
	-128.00	-8.70E-06	2.49E-05	-6.16E-06	3.58E-04	3.46E-05	-3.52E-04	1.88E-04	-1.72E-04				
41	558.50	-2.43E+00	9.32E-01	-4.43E-01	3.44E+00	2.18E+00	-4.93E+00	3.08E+00	-4.58E+00	58.03	9.32E-01	-3.44E+00	
	-148.00	-4.50E-05	3.14E-05	1.11E-07	1.56E-04	9.90E-05	-2.24E-04	8.01E-05	-9.38E-05				
42	610.83	4.86E-01	1.60E+00	6.32E-01	6.83E+00	1.43E+00	-6.04E+00	7.90E+00	-5.81E+00	47.33	7.79E+00	-1.26E+00	
	-128.00	-3.22E-06	2.21E-05	1.01E-07	3.11E-04	6.49E-05	-2.75E-04	1.65E-04	-1.46E-04				
43	501.38	-6.31E-01	-6.23E-02	-6.27E-01	1.79E+00	7.81E-01	-2.24E+00	1.47E+00	-2.16E+00	49.51	-6.31E-01	1.79E+00	
	-78.00	-9.76E-06	1.21E-05	-9.60E-06	1.38E-04	6.01E-05	-1.73E-04	7.09E-05	-6.85E-05				
44	534.67	1.16E+00	1.17E+00	7.89E-01	5.70E+00	4.78E-01	-7.22E+00	6.87E+00	-4.54E+00	45.03	6.78E+00	-9.84E-01	
	-68.00	1.03E-05	1.07E-05	-3.88E-06	4.39E-04	3.68E-05	-5.55E-04	2.30E-04	-2.09E-04				
45	584.67	-1.01E+00	-5.41E-01	-7.10E-01	5.44E+00	1.53E+00	-4.76E+00	4.72E+00	-6.17E+00	46.50	-1.01E+00	5.44E+00	
	-68.00	-1.51E-05	6.81E-06	-3.55E-06	4.18E-04	1.18E-04	-3.67E-04	2.05E-04	-2.14E-04				
46	610.83	-5.49E+00	-1.33E+00	-2.57E+00	2.95E+00	2.68E+00	-3.90E+00	1.97E-01	-7.02E+00	62.59	-1.33E+00	-2.95E+00	
	-88.00	-1.08E-04	5.19E-05	4.54E-06	2.27E-04	2.06E-04	-3.00E-04	1.11E-04	-1.67E-04				
47	482.63	-2.12E-01	2.48E-01	-6.60E-01	1.29E+00	7.33E-01	-2.57E+00	1.33E+00	-1.29E+00	50.05	-2.12E-01	1.29E+00	
	-21.00	-1.30E-06	1.64E-05	-1.85E-05	9.93E-05	5.63E-05	-1.98E-04	5.80E-05	-4.29E-05				
48	485.93	1.60E+00	2.37E+00	1.10E+00	3.74E+00	1.02E-01	-7.91E+00	5.74E+00	-1.78E+00	47.91	2.09E+00	3.76E+00	
	-12.00	5.91E-06	3.52E-05	-1.33E-05	2.88E-04	7.84E-06	-6.08E-04	1.65E-04	-1.24E-04				
49	507.88	1.56E-02	-1.08E-01	-6.14E-01	1.41E+00	4.70E-01	-2.85E+00	1.37E+00	-1.46E+00	43.75	1.56E-02	1.41E+00	
	-21.00	8.36E-06	3.62E-06	-1.59E-05	1.09E-04	3.61E-05	-2.19E-04	6.03E-05	-4.83E-05				
50	538.67	1.14E+00	5.47E-01	4.47E-01	5.05E+00	1.95E+00	-6.22E+00	5.90E+00	-4.22E+00	43.32	5.84E+00	-7.83E-01	
	-10.00	2.04E-05	-2.40E-06	-6.25E-06	3.89E-04	1.50E-04	-4.79E-04	2.04E-04	-1.86E-04				
51	484.67	-1.67E+01	-1.15E+01	-1.21E+01	-3.27E-01	1.33E+00	-8.26E-01	-1.15E+01	-1.67E+01	-86.37	-1.15E+01	3.27E-01	
	8.00	-1.98E-04	-3.77E-07	-2.31E-05	-2.52E-05	1.02E-04	-6.35E-05	4.21E-07	-1.99E-04				
52	507.00	4.30E+00	5.12E+00	3.14E+00	2.84E+00	9.04E-01	2.61E+00	7.59E+00	1.84E+00	49.11	6.99E+00	1.76E+00	
	0.00	2.74E-05	5.90E-05	-1.73E-05	2.19E-04	6.96E-05	2.01E-04	1.54E-04	-6.74E-05				
53	603.00	1.70E-01	3.59E-03	1.75E-01	2.13E+00	1.04E+00	-1.99E+00	2.22E+00	-2.04E+00	43.88	-1.18E+00	1.72E+00	
	-18.00	2.70E-06	-3.68E-06	2.90E-06	1.64E-04	7.99E-05	-1.53E-04	8.14E-05	-8.24E-05				
54	712.00	-2.34E-01	3.75E-01	9.11E-02	3.33E+00	2.98E-01	-3.05E+00	3.42E+00	-3.28E+00	47.61	-2.34E-01	3.33E+00	
	-303.00	-1.37E-05	1.40E-05	1.12E-06	3.03E-04	2.71E-05	-2.77E-04	1.52E-04	-1.52E-04				
55	712.00	-1.83E+00	-9.28E-01	-9.26E-01	3.65E+00	9.63E-01	-2.98E+00	2.30E+00	-5.06E+00	48.52	-1.83E+00	3.65E+00	
	-213.00	-3.53E-05	5.66E-06	5.73E-06	3.32E-04	8.75E-05	-2.71E-04	1.52E-04	-1.82E-04				
56	712.00	-2.43E+00	-1.13E+00	-4.66E-01	2.76E+00	2.30E+00	-2.24E+00	1.06E+00	-4.62E+00	51.60	-2.43E+00	2.76E+00	
	-138.00	-3.41E-05	-4.61E-06	1.05E-05	1.26E-04	1.05E-04	-1.02E-04	4.52E-05	-8.39E-05				
57	712.00	-5.94E-01	9.76E-02	2.37E-01	1.75E+00	9.59E-01	-1.88E+00	1.53E+00	-2.03E+00	50.59	-5.94E-01	1.75E+00	
	-78.00	-2.00E-05	6.60E-06	1.20E-05	1.34E-04	7.38E-05	-1.44E-04	6.19E-05	-7.52E-05				
58	712.00	-7.96E-01	-5.32E-01	-4.16E-02	2.35E+00	8.75E-01	-2.14E+00	1.69E+00	-3.02E+00	46.61	-7.96E-01	2.35E+00	
	-18.00	-1.56E-05	-5.42E-06	1.35E-05	1.81E-04	6.73E-05	-1.64E-04	7.99E-05	-1.01E-04				
59	837.00	-9.43E+00	-5.20E+00	-5.85E+00	2.78E+00	1.51E+00	-2.52E+00	-3.81E+00	-1.08E+01	63.61	-5.20E+00	-2.78E+00	
	-318.00	-1.63E-04	2.97E-05	.00E+00	2.53E-04	1.37E-04	-2.29E-04	9.25E-05	-2.25E-04				
60	887.00	-1.32E+00	-5.23E-02	-5.51E-01	7.43E+00	6.43E-01	-5.41E+00	6.77E+00	-8.15E+00	47.44	6.17E+00	-2.94E+00	
	-288.00	-3.52E-05	2.26E-05	.00E+00	6.76E-04	5.64E-05	-4.92E-04	3.33E-04	-3.45E-04				
61	987.00	1.69E+00	1.19E+00	1.15E+00	7.54E+00	-2.34E-01	-4.73E+00	8.98E+00	-6.10E+00	44.05	1.69E+00	7.54E+00	
	-288.00	2.44E-05	1.73E-06	.00E+00	6.85E-04	-2.13E-05	-4.30E-04	3.56E-04	-3.30E-04				
62	1037.00	-9.25E+00	-5.53E+00	-5.91E+00	5.51E+00	1.10E+00	-3.67E+00	-1.57E+00	-1.32E+01	54.34	-5.53E+00	-5.51E+00	

	-316.00	-1.52E-04	1.75E-05	.00E+00	5.01E-04	1.00E-04	-3.34E-04	1.97E-04	-3.32E-04				
63	862.00	-1.47E-01	-5.97E-02	2.76E-01	3.75E+00	2.29E-01	-2.77E+00	3.64E+00	-3.86E+00	45.41	-1.67E-01	3.75E+00	
	-213.00	-8.24E-06	-3.35E-06	1.19E-05	3.41E-04	2.09E-05	-2.52E-04	1.45E-04	-1.76E-04				
64	1012.00	5.50E-01	3.72E-01	7.68E-01	4.03E+00	-4.48E-02	-2.67E+00	4.49E+00	-3.56E+00	44.34	5.58E-01	4.03E+00	
	-213.00	3.31E-06	-5.14E-06	1.29E-05	3.66E-04	-4.07E-06	-2.43E-04	1.82E-04	-1.84E-04				
65	837.00	-7.27E-02	-2.69E-01	1.05E+00	2.85E+00	1.22E+00	-3.01E+00	2.68E+00	-3.03E+00	44.02	-2.69E-01	-2.85E+00	
	-148.00	-5.39E-06	-9.84E-06	2.02E-05	1.30E-04	5.54E-05	-1.37E-04	5.73E-05	-7.25E-05				
66	937.00	-4.82E-01	-1.72E-01	8.37E-01	4.95E+00	5.19E-01	-3.31E+00	4.63E+00	-5.28E+00	45.90	3.20E+00	-3.48E+00	
	-128.00	-1.19E-05	-4.67E-06	1.81E-05	2.25E-04	2.36E-05	-1.50E-04	1.04E-04	-1.21E-04				
67	1037.00	-4.67E+00	-1.15E+00	-6.39E-01	4.80E+00	1.66E+00	-4.01E+00	2.21E+00	-8.03E+00	55.07	-1.15E+00	-4.80E+00	
	-148.00	-7.23E-05	7.78E-06	1.94E-05	2.18E-04	7.55E-05	-1.82E-04	8.40E-05	-1.49E-04				
68	837.00	-1.64E+00	-1.54E+00	-6.61E-01	5.40E+00	1.12E+00	-3.62E+00	3.81E+00	-6.95E+00	45.28	-1.64E+00	5.40E+00	
	-68.00	-2.10E-05	-1.70E-05	1.68E-05	4.15E-04	8.60E-05	-2.79E-04	1.89E-04	-2.27E-04				
69	937.00	-1.73E+00	4.45E-01	3.78E-01	3.00E+00	1.10E+00	-2.51E+00	2.55E+00	-3.84E+00	54.98	4.45E-01	-3.00E+00	
	-88.00	-5.67E-05	2.71E-05	2.45E-05	2.31E-04	8.46E-05	-1.93E-04	1.08E-04	-1.38E-04				
70	1037.00	-2.64E-02	5.59E-01	1.02E+00	5.10E+00	-3.38E-01	-5.28E+00	5.38E+00	-4.85E+00	46.64	4.00E+00	-3.49E+00	
	-68.00	-1.91E-05	4.43E-06	2.22E-05	3.93E-04	-2.60E-05	-4.06E-04	1.90E-04	-2.03E-04				
71	862.00	-1.17E+00	-7.23E-01	7.72E-02	2.32E+00	9.42E-01	-2.05E+00	1.38E+00	-3.27E+00	47.75	-1.17E+00	2.32E+00	
	-18.00	-2.50E-05	-7.86E-06	2.29E-05	1.78E-04	7.24E-05	-1.57E-04	7.30E-05	-1.06E-04				
72	1012.00	4.92E-01	6.18E-01	1.36E+00	2.48E+00	-1.65E-01	-1.79E+00	3.04E+00	-1.93E+00	45.73	4.92E-01	2.48E+00	
	-18.00	-8.16E-06	-3.32E-06	2.50E-05	1.91E-04	-1.27E-05	-1.35E-04	8.99E-05	-1.01E-04				
73	1387.00	5.36E-01	5.84E-01	5.88E-01	2.94E+00	1.43E-02	-1.41E+00	3.50E+00	-2.38E+00	45.24	5.36E-01	2.94E+00	
	-303.00	2.19E-06	4.39E-06	4.53E-06	2.67E-04	1.30E-06	-1.28E-04	1.37E-04	-1.30E-04				
74	1387.00	1.03E-01	-1.56E-02	4.67E-01	3.12E+00	7.61E-02	-1.44E+00	3.17E+00	-3.08E+00	44.46	1.03E-01	3.12E+00	
	-213.00	-2.51E-06	-7.91E-06	1.40E-05	2.84E-04	6.91E-06	-1.31E-04	1.37E-04	-1.47E-04				
75	1387.00	-9.64E-03	2.87E-01	1.24E+00	2.31E+00	2.19E-01	-9.26E-01	2.45E+00	-2.17E+00	46.84	-9.64E-03	2.31E+00	
	-138.00	-8.20E-06	-1.46E-06	2.03E-05	1.05E-04	9.97E-06	-4.21E-05	4.77E-05	-5.74E-05				
76	1187.00	-9.50E-01	-6.78E-01	5.42E-02	3.43E+00	7.33E-01	-4.87E-01	2.61E+00	-4.24E+00	46.13	-9.50E-01	3.43E+00	
	-68.00	-1.92E-05	-8.79E-06	1.94E-05	2.63E-04	5.64E-05	-3.75E-05	1.18E-04	-1.46E-04				
77	1387.00	-1.11E+00	-8.39E-01	1.92E-01	1.86E+00	5.24E-01	-1.24E+00	8.92E-01	-2.84E+00	47.07	-8.39E-01	-1.86E+00	
	-88.00	-2.33E-05	-1.30E-05	2.67E-05	1.43E-04	4.03E-05	-9.53E-05	5.36E-05	-8.99E-05				
78	1587.00	-9.46E-02	-3.41E-02	7.97E-01	2.22E+00	-9.73E-02	-4.20E-01	2.16E+00	-2.29E+00	45.39	8.19E-01	-2.04E+00	
	-68.00	-1.10E-05	-8.66E-06	2.33E-05	1.71E-04	-7.48E-06	-3.23E-05	7.58E-05	-9.54E-05				
79	1237.00	-1.38E+00	-5.43E-01	1.88E-01	1.94E+00	6.98E-01	-9.46E-01	1.03E+00	-2.95E+00	51.08	-1.38E+00	1.94E+00	
	-18.00	-3.41E-05	-1.80E-06	2.63E-05	1.50E-04	5.37E-05	-7.28E-05	5.86E-05	-9.44E-05				
80	1433.80	-8.33E-01	-3.75E-01	5.01E-01	2.27E+00	2.34E-01	-6.58E-01	1.68E+00	-2.88E+00	47.88	-8.33E-01	2.27E+00	
	-8.00	-2.43E-05	-6.66E-06	2.70E-05	1.74E-04	1.80E-05	-5.06E-05	7.22E-05	-1.03E-04				
81	1533.80	-1.35E+00	-3.40E-01	2.77E-01	1.38E+00	1.38E-01	-4.27E-01	6.25E-01	-2.32E+00	55.07	-3.40E-01	-1.38E+00	
	-28.00	-3.65E-05	2.49E-06	2.62E-05	1.06E-04	1.06E-05	-3.28E-05	3.96E-05	-7.36E-05				
82	1633.80	-1.32E+00	-3.99E-01	2.06E-01	4.55E-01	-1.32E-01	-8.87E-03	-2.13E-01	-1.51E+00	67.74	-2.14E-01	-3.75E-02	
	-8.00	-3.43E-05	1.32E-06	2.46E-05	3.50E-05	-1.02E-05	-6.82E-07	8.48E-06	-4.14E-05				
83	1433.80	-5.78E+00	-2.52E+00	-2.23E+00	1.54E+00	1.55E+00	-5.49E-01	-1.91E+00	-6.39E+00	68.29	-2.52E+00	-1.54E+00	
	27.60	-1.07E-04	1.86E-05	3.00E-05	1.18E-04	1.19E-04	-4.22E-05	4.22E-05	-1.30E-04				
84	1296.10	-2.02E+00	-2.75E-01	1.66E-01	1.65E+00	7.73E-01	-8.30E-01	7.18E-01	-3.02E+00	58.97	-1.28E+00	-1.86E+00	
	40.70	-5.44E-05	1.29E-05	2.98E-05	1.27E-04	5.95E-05	-6.38E-05	5.10E-05	-9.26E-05				
85	1148.60	-8.76E-01	3.97E-01	7.43E-01	2.09E+00	8.27E-01	-1.07E-01	1.94E+00	-2.42E+00	53.48	1.60E+00	1.17E+00	
	57.33	-3.66E-05	1.24E-05	2.57E-05	1.60E-04	6.36E-05	-8.25E-06	7.18E-05	-9.60E-05				
86	1131.40	-7.32E+00	-3.51E+00	-2.98E+00	8.16E-01	2.98E+00	4.55E-02	-3.34E+00	-7.49E+00	78.39	-3.51E+00	-8.16E-01	
	112.00	-1.30E-04	1.67E-05	3.72E-05	6.28E-05	2.30E-04	3.50E-06	2.31E-05	-1.36E-04				
87	1019.80	-2.15E+00	-8.69E-01	-1.58E-01	2.34E+00	1.26E+00	-3.51E+00	9.13E-01	-3.94E+00	52.69	-8.69E-01	-2.34E+00	
	34.47	-4.79E-05	1.53E-06	2.88E-05	1.80E-04	9.68E-05	-2.70E-04	7.01E-05	-1.16E-04				
88	886.60	-9.50E-01	-3.62E-01	3.62E-01	1.85E+00	6.04E-01	-1.93E+00	1.22E+00	-2.53E+00	49.51	-9.50E-01	1.85E+00	
	46.00	-2.61E-05	-3.50E-06	2.44E-05	1.42E-04	4.65E-05	-1.48E-04	5.72E-05	-8.68E-05				
89	869.80	-4.63E+00	-1.56E+00	-1.51E+00	9.79E-01	1.92E+00	-3.83E-01	-1.64E+00	-4.92E+00	71.83	-1.96E+00	-9.79E-01	
	96.00	-8.89E-05	1.35E-05	3.09E-05	7.53E-05	1.48E-04	-2.95E-05	2.55E-05	-1.01E-04				
90	952.60	-6.92E-01	2.27E+00	1.66E+00	2.81E+00	8.71E-01	-2.04E+00	3.97E+00	-2.39E+00	58.86	3.21E+00	-2.06E+00	
	128.00	-6.21E-05	5.16E-05	2.82E-05	2.16E-04	6.70E-05	-1.57E-04	1.17E-04	-1.27E-04				
91	869.80	-1.34E+00	-2.71E-01	2.52E-01	1.21E+00	9.65E-01	-2.32E-01	5.22E-01	-2.13E+00	56.84	-1.34E+00	1.21E+00	
	160.00	-3.65E-05	4.46E-06	2.46E-05	9.34E-05	7.42E-05	-1.79E-05	3.50E-05	-6.70E-05				
92	869.80	-6.53E+00	-2.14E+00	-2.09E+00	7.07E-01	3.62E+00	-7.74E-01	-2.02E+00	-6.64E+00	81.08	-2.14E+00	-7.07E-01	
	203.[illegible]	-1.33E-04	3.60E-05	3.79E-05	5.44E-05	2.78E-04	-5.96E-05	4.03E-05	-1.37E-04				
93	598[illegible]	3.01E-01	-6.56E-02	3.97E-01	3.64E+00	2.58E+00	[illegible]29E+00	3.76E+00	-3.53E+00	43.56	-6.56E-02	-3.64[illegible]	
	1[illegible]	4.61E-06	-9.47E-06	8.33E-06	2.80E-04	1.99E-04	[illegible]80E-04	1.38E-04	-1.43E-04				
94	6[illegible]	-5.75E-01	-3.91E-01	-4.47E-02	2.34E+00	1.02E+[illegible]	[illegible]98E+00	1.86E+00	-2.82E+00	46.13	-5.75E-01	2[illegible]	

	2[illegible]	-1.10E-0[illegible]	-3.93E-06	9.39E-06	1.80E-04	7.93E-0[illegible]	[illegible].52E-04	8.25E-05	-9.75E-05				
95	61[illegible]	-2.15E-01	-1.48E+00	-9.22E-01	4.03E+00	1.12E+0[illegible]	[illegible]94E-02	2.83E+00	-5.22E+00	43.01	-9.15E-01	4.[illegible]	[illegible]
	6[illegible]	1.05E-07	-2.15E-05	3.70E-06	3.05E-04	8.59E-0[illegible]	[illegible]57E-06	1.44E-04	-1.66E-04				
96	70[illegible]	-1.14E+00	-2.94E-01	5.35E-02	1.69E+00	1.06E+00	-1.46E+00	1.22E+00	-2.65E+00	51.29	-1.46E+00	-1.78E+00	
	55.00	-2.96E-05	3.82E-06	1.72E-05	1.45E-04	8.12E-05	-1.12E-04	6.20E-05	-8.67E-05				
97	61[illegible].10	-3.33E+00	-1.37E+00	-1.18E+00	1.28E+00	3.67E+00	-9.52E-01	-7.39E-01	-3.97E+00	63.68	-1.37E+00	-1.28E+00	
	96.00	-6.35E-05	1.19E-05	1.93E-05	9.87E-05	2.83E-04	-7.32E-05	3.63E-05	-8.75E-05				
98	682.27	-1.27E+00	-4.49E-01	-5.69E-02	2.57E+00	1.13E+00	-1.39E+00	1.74E+00	-3.46E+00	49.56	1.39E+00	-1.30E+00	
	112.00	-2.94E-05	2.30E-06	1.73E-05	1.98E-04	8.70E-05	-1.07E-04	8.65E-05	-1.14E-04				
99	751.43	-4.10E+00	8.20E-01	-4.18E-01	2.86E+00	2.47E+00	-3.71E+00	2.14E+00	-5.42E+00	65.34	8.20E-01	-2.86E+00	
	96.00	-1.17E-04	7.22E-05	2.46E-05	2.20E-04	1.90E-04	-2.85E-04	1.23E-04	-1.68E-04				
100	683.25	-9.79E-01	-1.59E-01	2.54E-01	9.55E-01	8.78E-01	-1.37E+00	4.71E-01	-1.61E+00	56.62	-9.79E-01	9.55E-01	
	152.00	-2.79E-05	3.61E-06	1.95E-05	7.35E-05	6.75E-05	-1.05E-04	2.78E-05	-5.22E-05				
101	648.67	-5.54E+00	-2.48E+00	-2.23E+00	5.50E-01	2.53E+00	-7.17E-01	-2.39E+00	-5.64E+00	80.11	-2.48E+00	-5.50E-01	
	192.00	-1.01E-04	1.72E-05	2.60E-05	4.23E-05	1.95E-04	-5.51E-05	2.09E-05	-1.04E-04				
102	725.25	-8.03E-01	5.45E-01	6.86E-01	1.03E+00	6.88E-01	-1.05E+00	1.10E+00	-1.36E+00	61.56	-1.03E-01	-1.23E+00	
	232.70	-3.56E-05	1.62E-05	2.17E-05	7.95E-05	5.29E-05	-8.10E-05	3.78E-05	-5.71E-05				
103	635.50	-9.35E-01	-1.23E+00	-2.78E-01	-3.82E-02	5.43E-01	6.02E-01	-9.31E-01	-1.24E+00	-7.22	-9.35E-01	-3.82E-02	
	256.00	-9.10E-06	-2.05E-05	1.62E-05	-2.94E-06	4.18E-05	4.63E-05	-8.91E-06	-2.07E-05				
104	635.50	-1.88E+00	-1.32E+00	-3.18E-01	-1.19E-01	1.92E+00	-7.83E-02	-1.29E+00	-1.90E+00	-78.53	-1.32E+00	1.19E-01	
	290.67	-3.36E-05	-1.20E-05	2.63E-05	-9.14E-06	1.48E-04	-6.02E-06	-1.11E-05	-3.45E-05				
105	560.00	7.40E-01	1.83E-02	2.79E-01	3.82E+00	1.33E+00	-3.61E+00	4.22E+00	-3.46E+00	42.30	7.40E-01	3.82E+00	
	16.50	1.71E-05	-1.07E-05	-6.64E-07	2.94E-04	1.02E-04	-2.78E-04	1.51E-04	-1.44E-04				
106	508.50	8.12E+00	5.44E+00	5.29E+00	2.81E+00	3.19E+00	-1.03E+00	9.89E+00	3.67E+00	32.26	5.44E+00	-2.81E+00	
	13.00	1.05E-04	2.24E-06	-3.80E-06	2.16E-04	2.46E-04	-7.94E-05	1.73E-04	-6.55E-05				
107	521.00	2.21E+00	1.01E+00	8.90E-01	3.78E+00	1.10E+00	-1.95E+00	5.44E+00	-2.22E+00	40.50	2.21E+00	3.78E+00	
	15.75	3.99E-05	-6.26E-06	-1.11E-05	2.91E-04	8.43E-05	-1.50E-04	1.64E-04	-1.30E-04				
108	526.25	1.91E+00	8.53E-01	7.99E-01	4.16E+00	9.34E-01	-2.03E+00	5.58E+00	-2.82E+00	41.39	1.91E+00	4.16E+00	
	21.00	3.43E-05	-6.31E-06	-8.41E-06	3.20E-04	7.19E-05	-1.56E-04	1.75E-04	-1.47E-04				
109	515.50	5.10E+00	3.45E+00	3.48E+00	5.16E+00	2.30E+00	-1.04E+00	9.50E+00	-9.53E-01	40.45	3.45E+00	-5.16E+00	
	26.00	6.40E-05	4.12E-07	1.66E-06	3.97E-04	1.77E-04	-8.03E-05	2.33E-04	-1.69E-04				
110	531.50	7.87E-01	4.82E-01	4.02E-01	3.40E+00	6.66E-01	-1.76E+00	4.04E+00	-2.77E+00	43.71	7.87E-01	3.40E+00	
	34.50	1.19E-05	1.68E-07	-2.90E-06	2.62E-04	5.12E-05	-1.36E-04	1.37E-04	-1.25E-04				
111	515.50	-2.51E+00	-4.01E+00	-2.87E+00	9.99E+00	5.38E-01	8.83E-01	6.75E+00	-1.33E+01	42.84	-2.51E+00	9.99E+00	
	44.00	6.80E-06	-5.11E-05	-7.30E-06	7.68E-04	4.14E-05	6.79E-05	3.63E-04	-4.07E-04				
112	515.50	-7.62E-01	-3.63E-01	-2.90E-01	2.31E+00	1.40E+00	-8.52E-01	1.75E+00	-2.88E+00	47.47	-3.63E-01	-2.31E+00	
	53.33	-1.37E-05	1.57E-06	4.40E-06	1.77E-04	1.08E-04	-6.56E-05	8.30E-05	-9.51E-05				
113	547.50	-1.20E+00	7.64E-01	-2.25E-02	3.65E+00	8.04E-01	-4.15E+00	3.56E+00	-3.99E+00	52.52	1.89E+00	-3.13E+00	
	64.00	-4.10E-05	3.44E-05	4.14E-06	2.81E-04	6.19E-05	-3.20E-04	1.42E-04	-1.49E-04				
114	515.50	-2.97E+00	-3.48E+00	-2.53E+00	4.17E+00	2.93E-01	-6.04E-01	9.54E-01	-7.40E+00	43.23	-2.97E+00	4.17E+00	
	74.67	-1.54E-05	-3.52E-05	1.29E-06	3.21E-04	2.25E-05	-4.65E-05	1.35E-04	-1.86E-04				
115	515.50	-5.92E+00	-3.65E+00	-3.63E+00	1.51E+00	1.04E+00	-8.15E-01	-2.90E+00	-6.67E+00	63.48	-3.65E+00	-1.51E+00	
	88.00	-8.26E-05	4.69E-06	5.35E-06	1.16E-04	8.01E-05	-6.27E-05	3.36E-05	-1.11E-04				
116	547.50	-3.46E+00	-2.69E-01	-1.31E+00	4.62E+00	6.73E-01	-2.87E+00	3.03E+00	-6.75E+00	54.51	1.72E+00	-3.33E+00	
	104.00	-7.76E-05	4.49E-05	5.04E-06	3.56E-04	5.18E-05	-2.21E-04	1.72E-04	-2.04E-04				
117	515.50	-1.06E+00	-1.14E+00	-5.88E-01	3.35E+00	9.84E-02	-1.23E+00	2.25E+00	-4.45E+00	44.65	-1.06E+00	3.35E+00	
	120.00	-1.00E-05	-1.32E-05	7.93E-06	2.58E-04	7.57E-06	-9.46E-05	1.17E-04	-1.40E-04				
118	515.50	-3.89E+00	-2.29E+00	-2.05E+00	1.29E+00	6.03E-01	-6.82E-01	-1.57E+00	-4.60E+00	60.91	-2.29E+00	-1.29E+00	
	136.00	-5.90E-05	2.48E-06	1.14E-05	9.92E-05	4.64E-05	-5.25E-05	3.01E-05	-8.66E-05				
119	547.50	-3.03E+00	-1.02E+00	-1.23E+00	3.03E+00	3.82E-01	-1.49E+00	1.17E+00	-5.21E+00	54.17	2.93E-01	-2.20E+00	
	152.00	-5.85E-05	1.88E-05	1.07E-05	2.33E-04	2.94E-05	-1.14E-04	1.03E-04	-1.43E-04				
120	515.50	-1.45E+00	-1.31E+00	-6.07E-01	2.22E+00	1.19E-01	-4.13E-01	8.44E-01	-3.60E+00	45.93	-1.45E+00	2.22E+00	
	168.00	-1.88E-05	-1.33E-05	1.36E-05	1.71E-04	9.16E-06	-3.18E-05	6.94E-05	-1.02E-04				
121	515.50	-5.22E+00	-3.11E+00	-2.73E+00	9.90E-01	7.75E-01	-5.03E-01	-2.72E+00	-5.61E+00	68.39	-3.11E+00	-9.90E-01	
	184.00	-7.92E-05	1.87E-06	1.65E-05	7.62E-05	5.96E-05	-3.87E-05	1.70E-05	-9.43E-05				
122	547.50	-1.72E+00	1.06E+00	2.99E-01	3.34E+00	3.93E-01	-2.28E+00	3.28E+00	-3.95E+00	56.31	2.47E+00	-2.29E+00	
	200.00	-6.23E-05	4.47E-05	1.55E-05	2.57E-04	3.03E-05	-1.76E-04	1.30E-04	-1.48E-04				
123	515.50	7.10E-01	1.15E+00	1.42E+00	1.56E+00	-1.16E-01	-5.42E-01	2.50E+00	-6.45E-01	49.01	7.10E-01	1.56E+00	
	216.00	-8.71E-06	8.17E-06	1.85E-05	1.20E-04	-8.89E-06	-4.17E-05	6.03E-05	-6.08E-05				
124	515.50	-1.35E+00	-5.54E-01	-5.19E-02	3.67E-01	1.70E-01	-3.35E-01	-4.45E-01	-1.50E+00	67.93	-5.94E-01	-3.67E-01	
	232.00	-3.00E-05	-8.96E-07	1.99E-05	2.82E-05	1.31E-05	-2.58E-05	4.83E-06	-3.57E-05				
125	547.50	-3.66E-01	1.92E-01	6.14E-01	7.56E-01	2.38E-02	-1.76E+00	7.19E-01	-8.93E-01	55.12	5.15E-01	-5.36E-01	
	248.00	-1.89E-05	2.54E-06	1.88E-05	5.82E-05	1.83E-06	-1.36E-04	2.28E-05	-3.92E-05				
126	515.50	1.56E+00	2.20E+00	2.22E+00	-2.47E-01	-3.75E-01	-8.91E-01	2.26E+00	1.48E+00	-71.01	1.56E+00	-2.47E-01	

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	264.00	-5.58E-06	1.87E-05	1.97E-05	-1.90E-05	-2.88E-05	-6.85E-05	2.20E-05	-3.84E-06				
127	515.50	-3.65E-01	-5.39E-02	4.34E-01	8.02E-02	-5.61E-01	-2.04E-01	-3.45E-02	-3.88E-01	76.49	-5.38E-02	-8.02E-02	
	276.00	-1.43E-05	-2.20E-06	1.66E-05	6.17E-06	-4.31E-05	-1.57E-05	-1.46E-06	-1.50E-05				
128	531.50	9.37E-01	5.51E-01	1.22E+00	5.25E-02	-3.32E-01	-1.26E-01	9.44E-01	5.44E-01	7.60	9.37E-01	9.25E-02	
	297.00	6.27E-06	-8.60E-06	1.72E-05	4.04E-06	-2.56E-05	-9.72E-06	6.54E-06	-8.87E-06				
129	515.50	3.16E+00	2.34E+00	2.83E+00	-6.67E-01	-3.45E-01	-4.53E-01	3.53E+00	1.97E+00	-29.23	3.16E+00	-6.67E-01	
	320.00	3.00E-05	-1.47E-06	1.72E-05	-5.13E-05	-2.66E-05	-3.46E-05	4.44E-05	-1.58E-05				
183	565.50	1.97E-01	-2.47E-01	-2.37E-01	5.74E+00	1.74E+00	-4.39E+00	5.72E+00	-5.77E+00	43.89	1.97E-01	5.74E+00	
	-8.00	1.07E-05	-6.35E-06	-5.55E-06	4.42E-04	1.34E-04	-3.38E-04	2.23E-04	-2.19E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.6459E+02	-.4037E+03	.2913E+02	.5496E+02	.1168E+03	-.8176E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.8155E+01	.3558E+01	.1523E+01	.5361E+02	-.3194E+02	-.4506E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7056E+01	-.1169E+01	.6738E+00	.8838E+02	-.7092E+02	-.8287E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.9975E+01	.2280E+01	.1108E+00	.1243E+03	-.1119E+03	-.1216E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1130E+02	-.1693E+01	.1590E+00	.1605E+03	-.1525E+03	-.1640E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2879E+00	-.9592E+00	.6476E+00	.2154E+03	-.1941E+03	-.2159E+03
25	.2458E+02	.3996E+01	.1294E+00	.2677E+03	-.2140E+03	-.2672E+03
26	-.1104E+02	-.1088E+01	-.1837E-01	.2902E+03	-.2267E+03	-.3047E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1298E+03	-.2510E+02	.4449E+01	.2977E+03	-.3160E+03	-.3353E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2243E+04	.3897E+03	-.1565E+02	.4222E+03	-.8540E+03	-.5345E+03
40	.1578E+04	.2481E+03	.3305E+01	.3976E+03	-.8424E+03	-.4889E+03
41	.1049E+04	.1411E+03	.1996E+02	.3441E+03	-.7635E+03	-.4230E+03
42	.2483E+03	.1923E+02	.1909E+02	.2993E+03	-.5416E+03	-.3682E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.2588E+04	-.3410E+03	-.1391E+02	.6[illegible]02	-.9055E+03	.2965E+03
[illegible]	-.2250E+04	-.2952E+03	-.1579E+02	.[illegible]03	-.8379E+03	.2106E+03

49	.0000E+00	.0000E+00	.0000E+00	[illegible]+00	.0000E+00	.0000E+00
50	-.3771E+04	-.5733E+03	-.1304E+02	-.[illegible]+02	-.6213E+03	.8459E+03
51	.0000E+00	.0000E+00	.0000E+00	.0[illegible]E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1050E+02	.1668E+02	-.6539E+00	.3490E+02	-.9897E+03	.2805E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2592E+04	-.3915E+03	-.1786E+02	-.2092E+02	-.4978E+03	.7915E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1908E+04	-.2751E+03	-.2395E+02	-.2372E+02	-.4625E+03	.7684E+03
66	-.6046E+03	-.9378E+02	-.2993E+02	-.3283E+02	-.3708E+03	.8007E+03
67	.1244E+04	.1842E+03	-.2998E+02	-.3117E+02	-.2751E+03	.7983E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2211E+04	.3298E+03	-.2504E+02	.7249E+02	-.1876E+03	.8151E+03
76	-.2414E+03	-.3711E+02	-.1719E+02	.1050E+03	-.7672E+02	.8302E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.9313E+03	.1401E+03	-.1263E+02	.1252E+03	.5582E+02	.7997E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3927E+03	-.5786E+02	-.8987E+01	.1790E+03	.1355E+03	.7843E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5460E+03	.8411E+02	-.8034E+01	.1370E+03	.2481E+03	.7223E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3575E+03	-.5075E+02	-.6697E+01	.1171E+03	.3141E+03	.6578E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4100E+03	.6542E+02	-.6735E+01	.1192E+03	.4090E+03	.5932E+03
109	-.2445E+03	-.3230E+02	-.5844E+01	.1202E+03	.4700E+03	.5121E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3449E+03	.5688E+02	-.5623E+01	.6875E+02	.9421E+03	.4297E+03

113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1738E+03	.3231E+02	-.9502E+00	.3600E+02	.5723E+03	.3429E+03
115	.6258E+02	.1522E+02	.6730E+00	.4404E+01	.5760E+03	.2522E+03
116	.1800E+03	.3342E+02	.2594E+01	-.1374E+02	.5991E+03	.1990E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1835E+03	.3428E+02	.4453E+01	.1163E+02	.6132E+03	.1690E+03
119	.1348E+03	.2643E+02	.6496E+01	-.4648E+02	.5564E+03	.1054E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3279E+03	.4150E+02	.1983E+02	-.3819E+02	.4742E+03	.6131E+02
122	.2766E+03	.1827E+02	.3194E+02	.1061E+02	.4568E+03	.5455E+02
123	.2092E+03	.1172E+02	.2813E+02	.1171E+02	.3984E+03	.4892E+02
124	.1519E+03	.8277E+01	.1940E+02	.8317E+01	.3276E+03	.4437E+02
125	.9867E+02	.3705E+01	.1422E+02	.5508E+01	.2703E+03	.4004E+02
126	.2859E+02	-.7151E+01	.1323E+02	.1916E+01	.2266E+03	.3540E+02
127	-.2279E+02	-.1569E+02	.1346E+02	-.5234E+00	.1927E+03	.2955E+02
128	-.7477E+02	-.2257E+02	.1271E+02	-.6272E+01	.1238E+03	.2298E+02
129	-.7405E+02	-.1943E+02	.1051E+02	-.8877E+01	.6880E+02	.1731E+02
130	-.5169E+02	-.1182E+02	.7508E+01	-.9349E+01	.2889E+02	.1351E+02
131	-.1341E+02	-.2098E+01	.4883E+01	-.8068E+01	.8151E+01	.1132E+02
132	.1575E+01	.9815E+00	.3565E+01	-.5238E+01	.9972E+01	.9889E+01
133	.2658E+01	.9105E+00	.3299E+01	-.3560E+01	.1252E+02	.8396E+01
134	.7299E+00	.2287E+00	.3315E+01	-.2714E+01	.1082E+02	.6625E+01
135	-.3756E-02	.8084E-02	.3732E+01	-.2078E+01	.7638E+01	.4879E+01
136	-.2079E-01	.1696E-01	.4964E+01	-.1459E+01	.4925E+01	.3251E+01
137	-.1055E+00	-.3575E-01	.7833E+01	-.1008E+01	.2215E+01	.1775E+01
138	.4768E-01	.1819E+00	.1338E+03	-.6594E+00	-.5825E+00	.8859E+00
139	.1326E+00	.2150E+00	-.5323E+02	-.1063E+00	.3128E+00	-.3135E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.17255E-01	-.88988E-04	.17214E-01	.00000E+00
3	-.31451E-01	-.30626E-03	.31471E-01	.00000E+00
4	-.34140E-01	-.30093E-03	.34124E-01	.00000E+00
5	-.36899E-01	-.28344E-04	.36913E-01	.00000E+00
6	-.41706E-01	.95285E-05	.41702E-01	-.52317E-05
7	-.38277E-01	-.53646E-03	.38727E-01	.00000E+00
8	-.41918E-01	-.39491E-03	.41930E-01	-.79474E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.17063E-01	-.16385E-03	.17185E-01	.00000E+00
11	-.31638E-01	-.33551E-03	.31993E-01	.00000E+00
12	-.35326E-01	-.36267E-03	.35740E-01	.00000E+00
13	-.38261E-01	-.27238E-03	.38423E-01	.00000E+00
14	-.42066E-01	-.34055E-03	.42531E-01	-.25944E-05
15	-.38805E-01	-.70524E-03	.40156E-01	.00000E+00
16	-.42435E-01	-.54348E-03	.43521E-01	.25439E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.17240E-01	-.21302E-03	.17738E-01	.00000E+00
19	-.32248E-01	-.36289E-03	.33331E-01	.00000E+00
20	-.36127E-01	-.43331E-03	.37409E-01	.00000E+00
21	-.39191E-01	-.22949E-03	.40326E-01	.00000E+00
22	-.42946E-01	-.21768E-03	.44907E-01	-.44206E-06
23	-.40262E-01	-.99054E-03	.43296E-01	.00000E+00
24	-.43577E-01	-.78204E-03	.46735E-01	-.11993E-04
25	-.44020E-01	-.10644E-02	.47928E-01	.86641E-06
26	-.44276E-01	-.96915E-03	.48639E-01	.66261E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.17327E-01	-.40384E-03	.18080E-01	.00000E+00
29	-.33047E-01	-.68533E-03	.34489E-01	.00000E+00
30	-.36945E-01	-.74275E-03	.39271E-01	.00000E+00
[illegible]	-.40535E-01	-.94194E-03	.43707E-01	.00000E+00
[illegible]	-.44551E-01	-.11066E-02	.49431E-01	.33819E-04

	-.40452E-01	-.15145E-02	.43616E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.17242E-01	-.64323E-03	.18024E-01	.00000E+00
36	-.33349E-01	-.85290E-03	.34618E-01	.00000E+00
37	-.37380E-01	-.92306E-03	.38976E-01	.00000E+00
38	-.41677E-01	-.11007E-02	.45183E-01	.00000E+00
39	-.45027E-01	-.15421E-02	.50769E-01	.27919E-04
40	-.44943E-01	-.17414E-02	.50457E-01	.58157E-05
41	-.44863E-01	-.17126E-02	.50166E-01	-.10154E-04
42	-.44740E-01	-.14898E-02	.49843E-01	-.26129E-04
43	-.37149E-01	-.12354E-02	.37606E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.16219E-01	.23472E-03	.16080E-01	.00000E+00
46	-.33429E-01	-.72557E-03	.32617E-01	.00000E+00
47	-.45066E-01	-.13461E-02	.50880E-01	.23236E-04
48	-.45055E-01	-.14496E-02	.50873E-01	.36504E-04
49	-.41636E-01	-.11305E-02	.44763E-01	.00000E+00
50	-.45493E-01	-.14931E-02	.51068E-01	.10469E-03
51	-.42189E-01	-.13147E-02	.43356E-01	.00000E+00
52	-.47229E-01	-.12610E-02	.47611E-01	.00000E+00
53	-.45095E-01	-.12241E-02	.50911E-01	.36619E-05
54	-.37100E-01	-.70055E-03	.34695E-01	.00000E+00
55	-.41610E-01	-.11507E-02	.38237E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.13930E-01	-.14737E-02	.11302E-01	.00000E+00
58	-.29883E-01	-.74062E-03	.21574E-01	.00000E+00
59	-.48207E-01	-.79719E-03	.44515E-01	.00000E+00
60	-.47408E-01	-.11607E-02	.46087E-01	.00000E+00
61	-.45897E-01	-.14439E-02	.51193E-01	.16073E-03
62	-.35092E-01	-.28692E-03	.26096E-01	.00000E+00
63	-.40403E-01	-.99282E-04	.32039E-01	.00000E+00
64	-.48196E-01	-.12001E-02	.48284E-01	.00000E+00
65	-.46440E-01	-.14452E-02	.51310E-01	.19941E-03
66	-.47785E-01	-.14449E-02	.51544E-01	.24172E-03
67	-.49233E-01	-.14401E-02	.51800E-01	.23004E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.10953E-01	.21695E-03	.64751E-02	.00000E+00
70	-.31548E-01	.81785E-04	.20929E-01	.00000E+00
71	-.46997E-01	.17099E-03	.36628E-01	.00000E+00
72	-.49526E-01	-.10558E-02	.48297E-01	.00000E+00
73	-.38799E-01	.92111E-04	.23359E-01	.00000E+00
74	-.52542E-01	-.10036E-02	.50542E-01	.00000E+00
75	-.50462E-01	-.14364E-02	.52024E-01	.17461E-03
76	-.52109E-01	-.14741E-02	.52484E-01	.12175E-03
77	-.44649E-01	.61002E-03	.29156E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.13096E-01	-.41644E-03	.81734E-02	.00000E+00
80	-.30122E-01	.48204E-03	.17665E-01	.00000E+00
81	-.33274E-01	.62718E-03	.19072E-01	.00000E+00
82	-.37334E-01	.93239E-03	.23559E-01	.00000E+00
83	-.52399E-01	.55426E-03	.40629E-01	.00000E+00
84	-.49199E-01	.10195E-02	.32341E-01	.00000E+00
85	-.53972E-01	-.14744E-02	.53036E-01	.97167E-04
86	-.54472E-01	-.10270E-02	.52233E-01	.00000E+00
87	-.44876E-01	.87066E-03	.26718E-01	.00000E+00
88	-.54552E-01	-.54563E-03	.46891E-01	.00000E+00
89	-.55247E-01	-.15259E-02	.53602E-01	.77864E-04
90	-.34164E-01	.32961E-03	.11409E-01	.00000E+00
91	-.36672E-01	.64162E-03	.13073E-01	.00000E+00
92	-.39301E-01	.19005E-03	.14126E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.14693E-01	.00000E+00	.45045E-02	.00000E+00
95	-.27034E-01	.00000E+00	.79725E-02	.00000E+00
96	-.30995E-01	.00000E+00	.93466E-02	.00000E+00

97	-.32320E-01	.00000E+00	.88538E-02	.00000E+00
98	-.31698E-01	.00000E+00	.84423E-02	.00000E+00
99	-.34770E-01	-.26935E-04	.97042E-02	.00000E+00
100	-.43242E-01	.28459E-03	.18385E-01	.00000E+00
101	-.52344E-01	.13673E-02	.32097E-01	.00000E+00
102	-.57227E-01	-.15687E-02	.54393E-01	.70145E-04
103	-.54872E-01	.25360E-03	.41330E-01	.00000E+00
104	-.59113E-01	-.13017E-02	.54148E-01	.00000E+00
105	-.58602E-01	-.15452E-02	.55094E-01	.60513E-04
106	-.57390E-01	.29367E-03	.46171E-01	.00000E+00
107	-.60370E-01	-.13541E-02	.54893E-01	.00000E+00
108	-.60189E-01	-.16042E-02	.55734E-01	.57760E-04
109	-.61328E-01	-.16149E-02	.56287E-01	.48933E-04
110	-.60558E-01	-.12452E-02	.48982E-01	.00000E+00
111	-.62619E-01	-.17650E-02	.56349E-01	.00000E+00
112	-.62570E-01	-.16240E-02	.56740E-01	.43797E-04
113	-.62327E-01	-.89356E-03	.51919E-01	.00000E+00
114	-.63254E-01	-.15777E-02	.57107E-01	.16463E-04
115	-.63477E-01	-.15539E-02	.57368E-01	.37400E-05
116	-.63451E-01	-.14925E-02	.57526E-01	-.71982E-05
117	-.63175E-01	-.18996E-02	.57784E-01	.00000E+00
118	-.63316E-01	-.14544E-02	.57588E-01	-.15282E-04
119	-.62897E-01	-.14252E-02	.57648E-01	-.26378E-04
120	-.63793E-01	-.14922E-02	.57927E-01	.00000E+00
121	-.62071E-01	-.13533E-02	.57652E-01	-.44773E-04
122	-.61980E-01	-.98194E-03	.57733E-01	-.53385E-04
123	-.61844E-01	-.63784E-03	.57797E-01	-.60119E-04
124	-.61490E-01	-.25034E-03	.57861E-01	-.67765E-04
125	-.61486E-01	.18791E-03	.57926E-01	-.76683E-04
126	-.61092E-01	.10182E-02	.58034E-01	-.86551E-04
127	-.60673E-01	.18975E-02	.58138E-01	-.87079E-04
128	-.59886E-01	.36592E-02	.58350E-01	-.69404E-04
129	-.59363E-01	.49127E-02	.58545E-01	-.43873E-04
130	-.59082E-01	.56537E-02	.58757E-01	-.14508E-04
131	-.59159E-01	.54995E-02	.59079E-01	.16223E-04
132	-.59469E-01	.45141E-02	.59362E-01	.24033E-04
133	-.59741E-01	.35202E-02	.59610E-01	.19959E-04
134	-.59914E-01	.27403E-02	.59810E-01	.15895E-04
135	-.60031E-01	.20767E-02	.59971E-01	.14516E-04
136	-.60116E-01	.14293E-02	.60089E-01	.14696E-04
137	-.60166E-01	.79446E-03	.60158E-01	.14601E-04
138	-.60200E-01	.11995E-03	.60200E-01	.15213E-04
139	-.60200E-01	.14944E-04	.60200E-01	.14882E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-5.64E-03	-5.12E-02	-1.41E-02	-2.10E+00	-4.18E-03	2.11E+00	2.07E+00	-2.13E+00	-44.69	-5.64E-03	-2.10E+00
	-303.00	6.65E-07	-1.40E-06	2.79E-07	-1.91E-04	-3.80E-07	1.92E-04	9.51E-05	-9.58E-05			
2	72.00	-2.45E-02	-7.24E-02	9.89E-03	-1.76E+00	1.42E-03	1.81E+00	1.71E+00	-1.81E+00	-44.61	-2.45E-02	-1.76E+00
	-213.00	1.52E-08	-2.16E-06	1.58E-06	-1.60E-04	1.29E-07	1.65E-04	7.90E-05	-8.12E-05			
3	72.00	-2.85E-01	-8.30E-02	4.29E-02	-1.19E+00	1.04E-01	1.27E+00	9.97E-01	-1.36E+00	-47.45	-2.85E-01	-1.18E+00
	-138.00	-4.77E-06	-1.82E-07	2.68E-06	-5.35E-05	4.74E-06	5.79E-05	2.44E-05	-2.93E-05			
4	24.00	-1.26E+00	-6.27E-01	-7.79E-01	-2.18E+00	3.36E-01	2.37E+00	1.26E+00	-3.15E+00	-49.12	-1.26E+00	-2.18E+00
	-68.00	-1.91E-05	5.17E-06	-6.73E-07	-1.68E-04	2.59E-05	1.82E-04	7.79E-05	-9.19E-05			
5	72.00	3.85E-01	1.68E-01	4.30E-01	-9.54E-01	-5.25E-02	1.04E+00	1.24E+00	-6.84E-01	-41.75	1.68E-01	9.54E-01
	-88.00	4.01E-06	-4.34E-06	5.74E-06	-7.34E-05	-4.04E-06	7.97E-05	3.68E-05	-3.71E-05			
6	120.00	2.02E-01	1.59E-01	2.86E-01	-1.86E+00	-9.96E-02	1.85E+00	2.06E+00	-1.66E+00	-44.98	-1.63E+00	3.35E-01
	-68.[illegible]	[illegible].19E-07	1.13E-07	3.44E-06	-1.43E-04	-7.66E-06	[illegible]2E-04	7.18E-05	-7.15E-05			
7	36[illegible]	[illegible].22E-01	-2.10E-01	-1.49E-01	-1.02E+00	1.34E-01	[illegible]9E-01	6.63E-01	-1.40E+00	-49.35	-4.87E-01	-1.[illegible]

	-19	-1.04E-05	1.60E-06	3.[illegible]E-06	-7.93E-05	1.03E-05	[illegible]3E-05	3.52E-05	-4.40E-05					
8	108	4.98E-02	1.08E-01	1.63E-01	-7.94E-01	-8.97E-03	[illegible]66E-01	8.74E-01	-7.16E-01	-46.05	4.98E-02	-7.9		
	-19.00	-1.62E-06	6.33E-07	2.75E-06	-6.11E-05	-6.90E-07	6.66E-05	3.01E-05	-3.11E-05					
9	216.00	-1.01E-01	-1.33E-01	-7.17E-02	-2.10E+00	1.36E-02	2.14E+00	1.98E+00	-2.22E+00	-44.78	-1.01E-01	-2.10E+00		
	-303.00	-6.15E-07	-2.09E-06	7.16E-07	-1.01E-04	1.20E-06	1.94E-04	9.40E-05	-9.67E-05					
10	216.00	-1.54E-01	-1.34E-01	-6.19E-02	-1.81E+00	4.61E-02	1.87E+00	1.67E+00	-1.95E+00	-45.16	-1.54E-01	-1.81E+00		
	-213.00	-2.73E-06	-1.79E-06	2.38E-06	-1.65E-04	4.19E-06	1.70E-04	8.00E-05	-8.46E-05					
11	216.00	-2.85E-01	-1.09E-01	8.95E-02	-1.40E+00	1.50E-01	1.47E+00	1.20E+00	-1.59E+00	-46.82	-2.85E-01	-1.40E+00		
	-138.00	-4.89E-06	-8.55E-07	3.63E-06	-6.34E-05	6.82E-06	6.69E-05	2.89E-05	-3.46E-05					
12	168.00	-6.02E-01	-4.76E-01	-3.41E-01	-2.10E+00	2.61E-01	2.15E+00	1.57E+00	-2.64E+00	-45.86	-6.02E-01	-2.10E+00		
	-68.00	-7.55E-06	-2.70E-06	2.46E-06	-1.62E-04	2.16E-05	1.65E-04	7.58E-05	-8.61E-05					
13	216.00	5.46E-01	1.74E-01	5.05E-01	-8.60E-01	-2.37E-02	9.19E-01	1.24E+00	-5.18E-01	-38.96	1.78E-01	8.60E-01		
	-88.00	7.49E-06	-6.67E-06	5.54E-06	-6.62E-05	-1.82E-06	7.07E-05	3.42E-05	-3.34E-05					
14	264.00	-3.24E-02	1.73E-01	2.33E-01	-1.82E+00	-3.23E-02	1.88E+00	1.90E+00	-1.75E+00	-46.61	-1.70E+00	4.30E-01		
	-68.00	-5.35E-06	2.55E-06	4.86E-06	-1.40E-04	-2.49E-06	1.45E-04	6.88E-05	-7.16E-05					
15	180.00	-2.31E-01	-4.53E-02	4.43E-02	-8.91E-01	1.91E-01	8.71E-01	7.57E-01	-1.03E+00	-47.98	-2.31E-01	-8.91E-01		
	-19.00	-6.34E-06	8.07E-07	4.25E-06	-6.85E-05	1.47E-05	6.70E-05	3.17E-05	-3.72E-05					
16	252.00	-1.23E-01	7.76E-02	1.82E-01	-7.55E-01	6.92E-02	9.12E-01	7.39E-01	-7.85E-01	-48.78	-1.23E-01	-7.55E-01		
	-19.00	-6.23E-06	1.49E-06	5.49E-06	-5.81E-05	5.33E-06	7.02E-05	2.69E-05	-3.17E-05					
17	361.00	-1.32E-01	-2.01E-01	-1.07E-01	-2.12E+00	3.39E-03	2.19E+00	1.95E+00	-2.29E+00	-44.54	-1.32E-01	-2.12E+00		
	-303.00	-2.99E-07	-3.42E-06	8.66E-07	-1.93E-04	3.08E-07	1.99E-04	9.45E-05	-9.82E-05					
18	361.00	-1.91E-01	-1.77E-01	-6.67E-02	-1.90E+00	2.78E-02	1.97E+00	1.71E+00	-2.08E+00	-45.11	-1.91E-01	-1.90E+00		
	-213.00	-3.04E-06	-2.40E-06	2.61E-06	-1.72E-04	2.52E-06	1.79E-04	8.35E-05	-8.90E-05					
19	361.00	-3.23E-01	-1.28E-01	1.08E-01	-1.47E+00	1.34E-01	1.66E+00	1.25E+00	-1.70E+00	-46.89	-3.23E-01	-1.47E+00		
	-138.00	-5.54E-06	-1.11E-06	4.25E-06	-6.70E-05	6.09E-06	7.54E-05	3.02E-05	-3.69E-05					
20	312.00	-1.06E+00	-7.33E-01	-5.68E-01	-2.36E+00	4.83E-01	2.56E+00	1.47E+00	-3.26E+00	-47.00	-1.06E+00	-2.36E+00		
	-68.00	-1.49E-05	-2.21E-06	4.11E-06	-1.82E-04	3.71E-05	1.97E-04	8.25E-05	-9.96E-05					
21	360.67	9.08E-01	4.47E-01	7.77E-01	-1.11E+00	-1.11E-01	1.33E+00	1.81E+00	-4.54E-01	-39.12	4.47E-01	1.11E+00		
	-88.00	1.15E-05	-6.24E-06	6.45E-06	-8.52E-05	-8.51E-06	1.03E-04	4.61E-05	-4.09E-05					
22	409.33	-5.52E-01	-7.36E-01	-3.08E-01	-2.27E+00	-1.60E-03	2.82E+00	1.62E+00	-2.91E+00	-43.84	-2.88E+00	3.78E-01		
	-68.00	-3.68E-06	-1.08E-05	5.68E-06	-1.74E-04	-1.23E-07	2.17E-04	8.00E-05	-9.44E-05					
23	324.00	-4.51E-01	-9.45E-02	4.27E-02	-9.12E-01	3.40E-01	9.21E-01	6.57E-01	-1.20E+00	-50.53	-4.51E-01	-9.12E-01		
	-19.00	-1.18E-05	1.89E-06	7.17E-06	-7.02E-05	2.61E-05	7.08E-05	3.08E-05	-4.07E-05					
24	372.00	-2.28E-01	2.46E-01	3.04E-01	-2.43E+00	3.25E-01	2.61E+00	2.45E+00	-2.43E+00	-47.78	-2.28E-01	-2.43E+00		
	-9.33	-1.23E-05	5.92E-06	8.15E-06	-1.87E-04	2.50E-05	2.01E-04	9.07E-05	-9.71E-05					
25	401.25	-1.49E-01	5.58E-03	2.71E-01	-7.98E-01	1.01E-01	1.07E+00	7.30E-01	-8.74E-01	-47.77	6.09E-01	-4.23E-01		
	-19.00	-7.13E-06	-1.19E-06	9.02E-06	-6.14E-05	7.77E-06	8.25E-05	2.67E-05	-3.50E-05					
26	427.67	-1.06E+00	-8.45E-01	-4.93E-01	-2.73E+00	4.45E-01	3.70E+00	1.78E+00	-3.69E+00	-46.14	-2.66E+00	-2.14E+00		
	-9.33	-1.45E-05	-6.13E-06	7.42E-06	-2.10E-04	3.42E-05	2.85E-04	9.49E-05	-1.16E-04					
27	457.00	-1.58E-01	-3.06E-01	-1.60E-01	-2.14E+00	-1.60E-02	2.21E+00	1.91E+00	-2.37E+00	-44.01	-1.58E-01	-2.14E+00		
	-303.00	9.25E-07	-5.82E-06	8.39E-07	-1.95E-04	-1.45E-06	2.01E-04	9.49E-05	-9.98E-05					
28	457.00	-1.73E-01	-1.82E-01	-7.05E-02	-1.99E+00	-1.69E-02	2.03E+00	1.82E+00	-2.17E+00	-44.94	-1.73E-01	-1.99E+00		
	-213.00	-2.36E-06	-2.73E-06	2.32E-06	-1.81E-04	-1.54E-06	1.85E-04	8.81E-05	-9.32E-05					
29	457.00	-5.32E-01	-2.26E-01	-2.01E-02	-1.54E+00	-1.19E-01	1.71E+00	1.17E+00	-1.92E+00	-47.84	-5.32E-01	-1.54E+00		
	-138.00	-8.01E-06	-1.06E-06	3.63E-06	-6.99E-05	-5.43E-06	7.79E-05	3.06E-05	-3.96E-05					
30	442.00	-4.72E-01	-1.07E+00	-4.25E-01	-2.63E+00	-1.18E-01	2.89E+00	1.87E+00	-3.41E+00	-41.76	-4.72E-01	-2.63E+00		
	-68.00	3.44E-06	-1.95E-05	5.26E-06	-2.02E-04	-9.07E-06	2.22E-04	9.36E-05	-1.10E-04					
31	457.33	3.14E+00	1.51E+00	1.99E+00	-9.43E-01	-1.52E+00	1.56E+00	3.57E+00	1.08E+00	-24.58	1.51E+00	9.43E-01		
	-88.00	4.79E-05	-1.40E-05	3.49E-06	-7.26E-05	-1.17E-04	1.20E-04	6.45E-05	-3.15E-05					
32	472.67	-5.00E+00	-3.97E+00	-3.47E+00	-2.29E+00	8.82E-01	3.72E+00	-7.14E+00	-6.83E+00	-51.34	-6.36E+00	-1.41E+00		
	-68.00	-5.57E-05	-1.61E-05	3.38E-06	-1.76E-04	6.79E-05	2.86E-04	5.43E-05	-1.26E-04					
33	443.00	-4.99E-01	-3.53E-01	-5.50E-03	-1.32E+00	1.36E-01	1.43E+00	8.95E-01	-1.75E+00	-46.59	-4.99E-01	-1.32E+00		
	-19.50	-9.78E-06	-4.14E-06	9.21E-06	-1.01E-04	1.05E-05	1.10E-04	4.38E-05	-5.78E-05					
34	454.00	-3.95E+00	-2.81E+00	-2.45E+00	-3.41E+00	1.04E+00	4.70E+00	8.08E-02	-6.84E+00	-49.74	-5.30E+00	-2.88E+00		
	-11.33	-5.07E-05	-6.89E-06	6.97E-06	-2.62E-04	7.98E-05	3.61E-04	1.04E-04	-1.62E-04					
35	461.67	-8.11E-01	-9.22E-01	-4.44E-01	-3.24E+00	2.52E-01	4.84E+00	2.37E+00	-4.11E+00	-44.51	-8.11E-01	-3.24E+00		
	-12.00	-7.28E-06	-1.15E-05	6.85E-06	-2.49E-04	1.94E-05	3.73E-04	1.15E-04	-1.34E-04					
36	460.00	2.37E+00	9.51E-01	1.60E+00	-3.28E-01	-1.36E+00	1.94E+00	2.44E+00	8.79E-01	-12.38	9.51E-01	3.28E-01		
	-30.00	3.71E-05	-1.75E-05	7.48E-06	-2.52E-05	-1.05E-04	1.49E-04	3.99E-05	-2.03E-05					
37	476.33	-1.69E+00	-2.23E+00	-1.30E+00	-2.19E+00	2.73E-01	3.99E+00	2.43E-01	-4.16E+00	-41.47	-2.57E+00	-2.12E+00		
	-12.00	-7.61E-06	-2.85E-05	7.36E-06	-1.68E-04	2.10E-05	3.07E-04	6.67E-05	-1.03E-04					
38	558.50	1.29E-01	6.24E-03	6.25E-02	-2.01E+00	-7.13E-02	2.09E+00	2.08E+00	-1.95E+00	-44.14	1.28E-01	-2.01E+00		
	-303.00	3.26E-06	-2.27E-06	2.87E-07	-1.83E-04	-6.48E-06	1.90E-04	9.21E-05	-9.11E-05					
39	558.50	-6.59E-02	-2.75E-01	-1.21E-01	-2.00E+00	-1.44E-01	2.03E+00	1.83E+00	-2.17E+00	-43.50	-6.59E-02	-2.00E+00		

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	-213.00	3.01E-06	-6.50E-06	4.92E-07	-1.42E-04	-1.31E-05	1.85E-04	8.93E-05	-9.28E-05				
40	506.17	-1.05E-02	-5.60E-01	-3.01E-02	-4.45E+00	-4.33E-01	4.33E+00	4.17E+00	-4.75E+00	-43.21	-1.05E-02	-4.45E+00	
	-128.00	2.05E-06	-9.71E-06	2.51E-05	-2.02E-04	-2.00E-05	1.97E-04	6.80E-05	-1.05E-04				
41	858.50	1.23E+00	-3.06E-01	1.67E-01	-1.93E+00	-1.23E+00	2.77E+00	2.51E+00	-1.68E+00	-33.59	-3.96E-01	1.93E+00	
	-148.00	2.27E-05	-1.42E-05	-1.45E-06	-8.78E-05	-5.58E-05	1.26E-04	5.18E-05	-4.34E-05				
42	610.83	-2.82E-01	-6.91E-01	-3.68E-01	-3.89E+00	-7.87E-01	3.38E+00	3.41E+00	-4.38E+00	-43.50	-4.29E+00	8.24E-01	
	-128.00	6.15E-07	-8.66E-06	-1.33E-06	-1.77E-04	-3.58E-05	1.54E-04	8.45E-05	-9.26E-05				
43	501.38	2.94E-01	8.22E-02	3.08E-01	-1.00E+00	-4.44E-01	1.25E+00	1.20E+00	-8.22E-01	-41.99	2.94E-01	-1.00E+00	
	-78.00	3.78E-05	-4.35E-06	4.33E-06	-7.72E-05	-3.41E-05	9.59E-05	3.86E-05	-3.91E-05				
44	534.67	-6.13E-01	-4.40E-01	-3.90E-01	-3.19E+00	-2.67E-01	4.07E+00	2.67E+00	-3.72E+00	-45.78	-3.66E+00	6.49E-01	
	-68.00	-7.73E-06	-1.06E-06	9.56E-07	-2.46E-04	-2.05E-05	3.13E-04	1.18E-04	-1.27E-04				
45	884.67	5.86E-01	3.80E-01	4.15E-01	-3.11E+00	-8.58E-01	2.66E+00	3.60E+00	-2.63E+00	-44.05	5.86E-01	-3.11E+00	
	-68.00	7.37E-06	-5.68E-07	7.83E-07	-2.39E-04	-6.60E-05	2.04E-04	1.23E-04	-1.16E-04				
46	610.83	3.08E+00	9.03E-01	1.45E+00	-1.69E+00	-1.50E+00	2.18E+00	4.00E+00	-2.24E-02	-28.65	9.03E-01	1.69E+00	
	-88.00	5.87E-05	-2.49E-05	-3.94E-06	-1.30E-04	-1.15E-04	1.68E-04	9.43E-05	-6.05E-05				
47	482.63	1.60E-01	-9.07E-03	4.03E-01	-7.17E-01	-4.16E-01	1.43E+00	7.98E-01	-6.47E-01	-41.64	1.60E-01	-7.17E-01	
	-21.00	5.68E-08	-6.44E-06	9.42E-06	-5.52E-05	-3.20E-05	1.10E-04	2.46E-05	-3.10E-05				
48	485.83	-5.05E-01	-7.07E-01	-2.51E-01	-2.09E+00	-5.62E-02	4.45E+00	1.49E+00	-2.70E+00	-43.62	-7.76E-01	-2.09E+00	
	-12.00	-3.36E-06	-1.11E-05	6.44E-06	-1.61E-04	-4.32E-06	3.42E-04	7.32E-05	-8.77E-05				
49	507.88	-2.49E-02	1.49E-01	3.35E-01	-7.88E-01	-2.65E-01	1.59E+00	8.55E-01	-7.31E-01	-48.15	-2.49E-02	-7.88E-01	
	-21.00	-6.00E-06	6.89E-07	7.84E-06	-6.06E-05	-2.04E-05	1.22E-04	2.78E-05	-3.32E-05				
50	538.67	-6.29E-01	-8.72E-02	-2.08E-01	-2.83E+00	-1.10E+00	3.51E+00	2.49E+00	-3.20E+00	-47.73	-3.15E+00	5.43E-01	
	-10.00	-1.40E-05	6.80E-06	2.17E-06	-2.18E-04	-8.46E-05	2.70E-04	1.06E-04	-1.13E-04				
51	484.67	9.67E+00	6.70E+00	6.98E+00	1.79E-01	-7.97E-01	4.58E-01	9.68E+00	6.69E+00	3.44	6.70E+00	-1.79E-01	
	8.00	1.15E-04	1.09E-06	1.20E-05	1.38E-05	-6.13E-05	3.52E-05	1.16E-04	6.76E-07				
52	507.00	-2.61E+00	-3.06E+00	-1.95E+00	-1.71E+00	-5.10E-01	-1.48E+00	-1.11E+00	-4.56E+00	-51.21	-4.21E+00	-1.04E+00	
	0.00	-1.65E-05	-3.40E-05	8.67E-06	-1.31E-04	-3.92E-05	-1.14E-04	4.10E-05	-9.16E-05				
53	603.00	-1.36E-01	3.14E-02	-1.51E-01	-1.22E+00	-5.82E-01	1.11E+00	1.17E+00	-1.27E+00	-46.97	6.40E-01	-1.00E+00	
	-18.00	-2.44E-06	4.02E-06	-2.99E-06	-9.35E-05	-4.47E-05	8.53E-05	4.77E-05	-4.61E-05				
54	712.00	1.58E-01	-1.61E-01	-3.12E-02	-1.91E+00	-1.64E-01	1.68E+00	1.91E+00	-1.91E+00	-42.60	1.58E-01	-1.91E+00	
	-303.00	7.63E-06	-6.88E-06	-9.72E-07	-1.73E-04	-1.50E-05	1.53E-04	8.73E-05	-8.65E-05				
55	712.00	1.04E+00	5.89E-01	5.25E-01	-2.09E+00	-5.34E-01	1.65E+00	2.92E+00	-1.29E+00	-41.89	1.04E+00	-2.09E+00	
	-213.00	1.94E-05	-1.26E-06	-4.17E-06	-1.90E-04	-4.86E-05	1.50E-04	1.05E-04	-8.65E-05				
56	712.00	1.32E+00	6.80E-01	1.88E-01	-1.60E+00	-1.28E+00	1.23E+00	2.63E+00	-6.31E-01	-39.35	1.32E+00	-1.60E+00	
	-138.00	1.85E-05	3.99E-06	-7.21E-06	-7.27E-05	-5.83E-05	5.59E-05	4.83E-05	-2.58E-05				
57	712.00	3.00E-01	-3.59E-02	-1.90E-01	-1.00E+00	-5.36E-01	1.04E+00	1.15E+00	-8.82E-01	-40.24	3.00E-01	-1.00E+00	
	-78.00	1.07E-05	-2.19E-06	-8.12E-06	-7.70E-05	-4.12E-05	7.98E-05	4.33E-05	-3.47E-05				
58	712.00	4.28E-01	3.53E-01	-1.74E-02	-1.34E+00	-4.93E-01	1.19E+00	1.73E+00	-9.52E-01	-44.21	4.28E-01	-1.34E+00	
	-18.00	8.05E-06	5.20E-06	-9.06E-06	-1.03E-04	-3.79E-05	9.12E-05	5.82E-05	-4.50E-05				
59	837.00	5.41E+00	3.01E+00	3.37E+00	-1.59E+00	-8.29E-01	1.38E+00	6.20E+00	2.21E+00	-26.50	3.01E+00	1.59E+00	
	-318.00	9.29E-05	-1.64E-05	.00E+00	-1.45E-04	-7.53E-05	1.26E-04	1.29E-04	-5.25E-05				
60	887.00	8.01E-01	1.11E-01	3.65E-01	-4.26E+00	-3.54E-01	2.96E+00	4.73E+00	-3.81E+00	-42.68	-3.46E+00	1.70E+00	
	-288.00	1.98E-05	-1.16E-05	.00E+00	-3.87E-04	-3.22E-05	2.69E-04	1.98E-04	-1.90E-04				
61	987.00	-9.34E-01	-6.16E-01	-6.20E-01	-4.32E+00	1.25E-01	2.58E+00	3.55E+00	-5.10E+00	-46.05	-9.34E-01	-4.32E+00	
	-288.00	-1.43E-05	1.94E-07	.00E+00	-3.93E-04	1.13E-05	2.35E-04	1.90E-04	-2.04E-04				
62	1037.00	5.36E+00	3.23E+00	3.43E+00	-3.17E+00	-5.99E-01	2.00E+00	7.64E+00	9.49E-01	-35.74	3.23E+00	3.17E+00	
	-318.00	8.73E-05	-9.25E-06	.00E+00	-2.88E-04	-5.45E-05	1.82E-04	1.91E-04	-1.13E-04				
63	862.00	1.02E-01	7.93E-02	-1.60E-01	-2.14E+00	-1.18E-01	1.52E+00	2.23E+00	-2.05E+00	-44.85	1.02E-01	-2.14E+00	
	-213.00	4.37E-06	3.32E-06	-7.55E-06	-1.95E-04	-1.07E-05	1.38E-04	1.01E-04	-9.35E-05				
64	1012.00	-3.22E-01	-1.76E-01	-4.46E-01	-2.31E+00	3.09E-02	1.46E+00	2.06E+00	-2.56E+00	-45.91	-3.22E-01	-2.31E+00	
	-213.00	-2.39E-06	4.28E-06	-8.02E-06	-2.10E-04	2.81E-06	1.33E-04	1.06E-04	-1.04E-04				
65	837.00	-5.93E-02	2.11E-01	-6.90E-01	-1.61E+00	-6.68E-01	1.66E+00	1.70E+00	-1.54E+00	-47.39	2.11E-01	1.61E+00	
	-148.00	1.43E-06	7.56E-06	-1.27E-05	-7.34E-05	-3.04E-05	7.53E-05	4.13E-05	-3.23E-05				
66	937.00	2.38E-01	1.66E-01	-5.27E-01	-2.83E+00	-2.66E-01	1.82E+00	3.03E+00	-2.63E+00	-44.63	-1.78E+00	2.03E+00	
	-128.00	6.06E-06	4.42E-06	-1.13E-05	-1.29E-04	-1.21E-05	6.27E-05	6.96E-05	-5.91E-05				
67	1037.00	2.61E+00	7.56E-01	3.24E-01	-2.73E+00	-8.99E-01	2.22E+00	4.57E+00	-1.20E+00	-35.62	7.56E-01	2.73E+00	
	-148.00	4.00E-05	-2.18E-06	-1.20E-05	-1.24E-04	-4.09E-05	1.01E-04	8.46E-05	-4.67E-05				
68	837.00	9.29E-01	9.78E-01	3.71E-01	-3.09E+00	-6.13E-01	1.99E+00	4.04E+00	-2.13E+00	-45.23	9.29E-01	-3.09E+00	
	-68.00	1.07E-05	1.26E-05	-1.07E-05	-2.38E-04	-4.71E-05	1.53E-04	1.30E-04	-1.07E-04				
69	937.00	8.98E-01	-2.44E-01	-2.90E-01	-1.69E+00	-5.98E-01	1.38E+00	2.11E+00	-1.46E+00	-35.68	-2.44E-01	1.69E+00	
	-88.00	3.05E-05	-1.34E-05	-1.52E-05	-1.30E-04	-4.60E-05	1.07E-04	7.73E-05	-6.01E-05				
70	1037.	1.27E-01	-8.91E-02	-4.83E-01	-2.88E+00	1.95E-01	[illegible]87E+00	2.90E+00	-2.87E+00	-43.93	-2.05E+00	2.01E+00	
	-68.	9.77E-06	1.49E-06	-1.37E-05	-2.22E-04	1.50E-05	[illegible]0E-04	1.17E-04	-1.05E-04				
71	86	6.20E-01	4.48E-01	-9.70E-02	-1.32E+00	-5.13E-0	[illegible]2E+00	1.86E+00	-7.89E-01	-43.14	6.20E-01	-1	

	-1	1.32E-05	6.57E-06	-1.44E-05	-1.02E-04	-3.94E-0[illegible]	[illegible]3E-05	6.0[illegible]E-05	-4.10E-05				
72	101[illegible]	-2.91E-01	-3.01E-01	-8.02E-01	-1.40E+00	1.05E-01	[illegible]62E-01	1.11E+00	-1.70E+00	-44.90	-2.91E-01	-1.[illegible]	
	-1[illegible]	4.13E-06	3.74E-06	-1.55E-05	-1.09E-04	8.07E-06	7.40E-05	5.79E-05	-5.00E-05				
73	1387.00	-3.09E-01	-3.31E-01	-3.40E-01	-1.59E+00	-3.69E-03	7.76E-01	1.37E+00	-2.01E+00	-44.82	-3.09E-01	-1.69E+00	
	-303.00	-1.32E-06	-2.31E-06	-2.72E-06	-1.54E-04	-3.35E-07	7.05E-05	7.52E-05	-7.86E-05				
74	1387.00	-6.58E-02	1.73E-02	-2.78E-01	-1.80E+00	-3.00E-02	7.92E-01	1.77E+00	-1.82E+00	-45.66	-6.58E-02	-1.80E+00	
	-213.00	1.25E-06	5.03E-06	-8.40E-06	-1.63E-04	-2.73E-06	7.20E-05	8.48E-05	-7.85E-05				
75	1387.00	-1.84E-02	-1.64E-01	-7.49E-01	-1.32E+00	-8.89E-02	5.05E-01	1.24E+00	-1.42E+00	-43.42	-1.84E-02	-1.32E+00	
	-138.00	4.47E-06	1.15E-06	-1.21E-05	-6.02E-05	-4.04E-06	2.30E-05	3.30E-05	-2.73E-05				
76	1187.00	4.04E-01	3.51E-01	-1.01E-01	-1.98E+00	-3.71E-01	2.78E-01	2.40E+00	-1.56E+00	-44.03	4.84E-01	-1.98E+00	
	-68.00	1.06E-05	5.43E-06	-1.20E-05	-1.52E-04	-2.85E-05	2.14E-05	8.41E-05	-6.81E-05				
77	1387.00	6.20E-01	4.99E-01	-1.21E-01	-1.06E+00	-2.63E-01	6.70E-01	1.63E+00	-5.07E-01	-43.37	4.99E-01	1.06E+00	
	-88.00	1.29E-05	8.22E-06	-1.56E-05	-8.19E-05	-2.07E-05	5.16E-05	5.15E-05	-3.05E-05				
78	1587.00	5.50E-02	3.76E-02	-4.60E-01	-1.27E+00	6.66E-02	2.33E-01	1.32E+00	-1.23E+00	-44.80	-4.52E-01	1.17E+00	
	-68.00	6.15E-06	5.48E-06	-1.36E-05	-9.81E-05	5.12E-06	1.80E-05	5.48E-05	-4.32E-05				
79	1237.00	7.62E-01	3.22E-01	-1.43E-01	-1.11E+00	-3.53E-01	5.15E-01	1.67E+00	-5.87E-01	-39.38	7.62E-01	-1.11E+00	
	-18.00	1.90E-05	2.04E-06	-1.58E-05	-8.51E-05	-2.72E-05	3.96E-05	5.39E-05	-3.29E-05				
80	1433.80	4.61E-01	2.28E-01	-3.02E-01	-1.28E+00	-1.06E-01	3.49E-01	1.63E+00	-9.42E-01	-42.40	4.61E-01	-1.28E+00	
	-8.00	1.35E-05	4.51E-06	-1.59E-05	-9.86E-05	-8.12E-06	2.68E-05	5.85E-05	-4.05E-05				
81	1533.80	7.50E-01	1.91E-01	-1.80E-01	-7.84E-01	-5.94E-02	2.35E-01	1.30E+00	-3.61E-01	-35.19	1.91E-01	7.84E-01	
	-28.00	2.05E-05	-1.01E-06	-1.53E-05	-6.03E-05	-4.57E-06	1.81E-05	4.17E-05	-2.23E-05				
82	1633.80	7.35E-01	2.22E-01	-1.40E-01	-2.61E-01	8.39E-02	5.93E-03	8.45E-01	1.12E-01	-22.75	1.13E-01	2.75E-02	
	-8.00	1.93E-05	-4.47E-07	-1.44E-05	-2.01E-05	6.46E-06	4.56E-07	2.35E-05	-4.66E-06				
83	1433.80	3.21E+00	1.42E+00	1.21E+00	-8.74E-01	-8.06E-01	2.93E-01	3.56E+00	1.06E+00	-22.17	1.42E+00	8.74E-01	
	27.60	5.92E-05	-9.65E-06	-1.75E-05	-6.73E-05	-6.20E-05	2.25E-05	7.29E-05	-2.33E-05				
84	1296.10	1.12E+00	1.66E-01	-1.31E-01	-9.25E-01	-3.96E-01	4.41E-01	1.68E+00	-3.98E-01	-31.37	7.30E-01	1.04E+00	
	40.70	3.04E-05	-6.31E-06	-1.77E-05	-7.12E-05	-3.04E-05	3.40E-05	5.20E-05	-2.80E-05				
85	1148.60	4.70E-01	-2.28E-01	-4.79E-01	-1.17E+00	-4.24E-01	6.87E-02	1.34E+00	-1.10E+00	-36.69	-9.12E-01	-6.51E-01	
	57.33	2.07E-05	-6.18E-06	-1.58E-05	-9.00E-05	-3.26E-05	5.29E-06	5.42E-05	-3.97E-05				
86	1131.40	4.07E+00	1.93E+00	1.60E+00	-4.85E-01	-1.59E+00	-3.63E-02	4.18E+00	1.83E+00	-12.22	1.93E+00	4.85E-01	
	112.00	7.30E-05	-9.20E-06	-2.20E-05	-3.73E-05	-1.23E-04	-2.79E-06	7.70E-05	-1.32E-05				
87	1019.80	1.21E+00	6.05E-01	7.94E-02	-1.32E+00	-6.78E-01	1.91E+00	2.27E+00	-4.48E-01	-38.53	6.05E-01	1.32E+00	
	34.67	2.58E-05	2.43E-06	-1.78E-05	-1.02E-04	-5.22E-05	1.47E-04	6.63E-05	-3.81E-05				
88	884.60	5.16E-01	2.57E-01	-2.50E-01	-1.05E+00	-3.28E-01	1.06E+00	1.45E+00	-6.75E-01	-41.50	5.16E-01	-1.05E+00	
	46.00	1.41E-05	4.14E-06	-1.54E-05	-8.10E-05	-2.52E-05	8.15E-05	4.99E-05	-3.17E-05				
89	869.80	2.46E+00	1.03E+00	6.90E-01	-5.81E-01	-1.09E+00	1.75E-01	2.66E+00	8.24E-01	-19.59	1.03E+00	5.81E-01	
	96.00	4.86E-05	-6.26E-06	-1.94E-05	-4.47E-05	-8.35E-05	1.34E-05	5.66E-05	-1.42E-05				
90	952.60	3.81E-01	-1.20E+00	-9.70E-01	-1.56E+00	-4.76E-01	1.14E+00	1.34E+00	-2.15E+00	-31.60	-1.72E+00	1.15E+00	
	128.00	3.43E-05	-2.64E-05	-1.77E-05	-1.20E-04	-3.66E-05	8.75E-05	7.12E-05	-6.33E-05				
91	869.80	7.13E-01	1.55E-01	-2.20E-01	-6.86E-01	-5.34E-01	1.17E-01	1.17E+00	-3.07E-01	-33.92	7.13E-01	-6.86E-01	
	160.00	2.03E-05	-1.18E-06	-1.56E-05	-5.28E-05	-4.11E-05	9.03E-06	3.81E-05	-1.89E-05				
92	869.80	3.58E+00	1.18E+00	1.06E+00	-4.41E-01	-2.05E+00	4.39E-01	3.66E+00	1.10E+00	-10.09	1.18E+00	4.41E-01	
	203.60	7.37E-05	-1.85E-05	-2.33E-05	-3.39E-05	-1.58E-04	3.38E-05	7.67E-05	-2.15E-05				
93	598.67	-2.43E-01	1.10E-01	-2.77E-01	-2.07E+00	-1.49E+00	2.41E+00	2.01E+00	-2.14E+00	-47.44	1.10E-01	2.07E+00	
	16.00	-4.83E-06	8.75E-06	-6.17E-06	-1.59E-04	-1.14E-04	1.85E-04	8.19E-05	-7.80E-05				
94	645.75	2.89E-01	2.67E-01	-2.13E-02	-1.34E+00	-5.76E-01	1.11E+00	1.61E+00	-1.06E+00	-44.77	2.89E-01	-1.34E+00	
	24.00	5.22E-06	4.41E-06	-6.69E-06	-1.03E-04	-4.43E-05	8.52E-05	5.52E-05	-4.66E-05				
95	613.10	4.37E-01	7.92E-01	3.73E-01	-2.32E+00	-6.46E-01	-8.82E-02	2.94E+00	-1.72E+00	-47.18	4.37E-01	-2.32E+00	
	69.33	-7.95E-07	1.28E-05	-3.26E-06	-1.79E-04	-4.97E-05	-6.78E-06	9.56E-05	-8.36E-05				
96	708.45	5.84E-01	1.92E-01	-9.79E-02	-1.08E+00	-6.00E-01	8.06E-01	1.48E+00	-7.08E-01	-39.85	8.50E-01	9.95E-01	
	55.00	1.50E-05	-6.92E-08	-1.12E-05	-9.30E-05	-4.62E-05	6.20E-05	4.97E-05	-3.47E-05				
97	613.10	1.69E+00	6.60E-01	4.84E-01	-7.64E-01	-2.15E+00	5.30E-01	2.09E+00	2.52E-01	-28.06	6.60E-01	7.64E-01	
	96.00	3.38E-05	-5.72E-06	-1.25E-05	-5.88E-05	-1.65E-04	4.08E-05	4.94E-05	-2.14E-05				
98	682.27	6.80E-01	2.98E-01	-1.75E-02	-1.49E+00	-6.57E-01	7.49E-01	1.99E+00	-1.02E+00	-41.35	-7.90E-01	7.92E-01	
	112.00	1.58E-05	8.89E-07	-1.12E-05	-1.15E-04	-5.05E-05	5.76E-05	6.61E-05	-4.96E-05				
99	751.43	2.30E+00	-2.76E-01	2.39E-01	-1.62E+00	-1.41E+00	2.07E+00	3.08E+00	-1.06E+00	-25.76	-2.76E-01	1.62E+00	
	96.00	6.35E-05	-3.54E-05	-1.57E-05	-1.24E-04	-1.08E-04	1.59E-04	9.36E-05	-6.55E-05				
100	682.25	5.06E-01	1.11E-01	-2.00E-01	-5.46E-01	-5.12E-01	7.66E-01	8.90E-01	-2.73E-01	-35.05	5.06E-01	-5.46E-01	
	152.00	1.50E-05	-2.33E-07	-1.25E-05	-4.20E-05	-3.94E-05	5.90E-05	2.97E-05	-1.50E-05				
101	648.67	2.94E+00	1.29E+00	1.06E+00	-3.29E-01	-1.51E+00	3.89E-01	3.00E+00	1.22E+00	-10.89	1.29E+00	3.29E-01	
	192.00	5.49E-05	-8.56E-06	-1.73E-05	-2.53E-05	-1.16E-04	2.99E-05	5.73E-05	-1.10E-05				
102	725.25	4.39E-01	-2.82E-01	-4.35E-01	-5.71E-01	-4.08E-01	6.05E-01	7.54E-01	-5.97E-01	-28.89	7.44E-02	6.75E-01	
	232.70	1.09E-05	-7.78E-06	-1.37E-05	-4.40E-05	-3.14E-05	4.66E-05	3.20E-05	-1.95E-05				
103	635.50	5.11E-01	7.02E-01	1.15E-01	1.76E-02	-3.21E-01	-3.87E-01	7.04E-01	5.09E-01	84.80	5.11E-01	1.76E-02	

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	254.00	5.05E-04	1.24E-05	-1.02E-05	1.31E-06	-2.47E-05	-2.98E-05	1.25E-05	4.99E-06				
104	635.50	1.00E+00	7.03E-01	8.93E-02	5.63E-02	-1.14E+00	5.17E-02	1.02E+00	6.99E-01	10.42	7.09E-01	-5.63E-02	
	290.67	1.88E-05	7.45E-06	-1.64E-05	4.33E-06	-8.92E-05	3.97E-06	1.92E-05	7.06E-06				
105	569.00	-4.68E-01	2.62E-02	-1.90E-01	-2.15E+00	-7.42E-01	2.03E+00	1.97E+00	-2.37E+00	-48.60	-4.68E-01	-2.15E+00	
	16.50	-1.15E-05	9.33E-06	-9.14E-07	-1.66E-04	-5.71E-05	1.56E-04	8.23E-05	-8.46E-05				
106	508.50	-4.97E+00	-3.31E+00	-3.29E+00	-1.65E+00	-1.83E+00	5.74E-01	-2.29E+00	-5.99E+00	-58.32	-3.31E+00	1.65E+00	
	13.00	-6.41E-05	-2.61E-07	7.51E-07	-1.27E-04	-1.41E-04	4.41E-05	3.90E-05	-1.03E-04				
107	521.00	-1.31E+00	-5.35E-01	-5.51E-01	-2.17E+00	-6.18E-01	1.09E+00	1.28E+00	-3.12E+00	-50.06	-1.31E+00	-2.17E+00	
	15.75	-2.40E-05	5.73E-06	5.10E-06	-1.67E-04	-4.75E-05	6.42E-05	7.55E-05	-9.37E-05				
108	526.25	-1.13E+00	-4.50E-01	-5.03E-01	-2.38E+00	-5.25E-01	1.14E+00	1.61E+00	-3.20E+00	-49.07	-1.13E+00	-2.38E+00	
	21.00	-2.06E-05	5.60E-06	3.56E-06	-1.83E-04	-4.04E-05	8.76E-05	8.50E-05	-1.00E-04				
109	515.50	-3.15E+00	-2.11E+00	-2.19E+00	-2.98E+00	-1.32E+00	5.80E-01	3.97E-01	-5.65E+00	-49.96	-2.11E+00	2.98E+00	
	26.00	-3.93E-05	7.97E-07	-2.38E-06	-2.29E-04	-1.02E-04	4.46E-05	9.71E-05	-1.36E-04				
110	531.50	-4.83E-01	-2.44E-01	-2.75E-01	-1.94E+00	-3.73E-01	9.91E-01	1.56E+00	-2.31E+00	-46.76	-4.83E-01	-1.94E+00	
	34.50	-7.56E-06	1.63E-06	4.23E-07	-1.49E-04	-2.87E-05	7.62E-05	7.18E-05	-7.77E-05				
111	515.50	1.35E+00	2.25E+00	1.55E+00	-5.76E+00	-3.02E-01	-5.73E-01	7.57E+00	-3.97E+00	-47.21	1.35E+00	-5.76E+00	
	44.00	-4.51E-06	2.98E-05	3.03E-06	-4.43E-04	-2.33E-05	-4.41E-05	2.35E-04	-2.09E-04				
112	515.50	2.56E-01	1.02E-01	2.15E-03	-1.32E+00	-8.13E-01	4.74E-01	1.50E+00	-1.15E+00	-43.34	1.02E-01	1.32E+00	
	53.33	5.88E-06	-1.98E-08	-3.88E-06	-1.02E-04	-6.26E-05	3.65E-05	5.39E-05	-4.80E-05				
113	547.50	7.12E-01	-2.89E-01	3.63E-02	-2.05E+00	-4.59E-01	2.41E+00	2.33E+00	-1.90E+00	-38.15	-9.28E-01	1.78E+00	
	64.00	2.24E-05	-1.62E-05	-3.65E-06	-1.58E-04	-3.53E-05	1.85E-04	8.44E-05	-7.82E-05				
114	515.50	1.65E+00	2.00E+00	1.40E+00	-2.41E+00	-1.62E-01	3.04E-01	4.25E+00	-5.87E-01	-47.08	1.65E+00	-2.41E+00	
	74.67	8.07E-06	2.15E-05	-1.92E-06	-1.85E-04	-1.25E-05	2.34E-05	1.08E-04	-7.82E-05				
115	515.50	2.18E+00	1.97E+00	1.90E+00	-8.64E-01	-6.07E-01	4.54E-01	3.63E+00	1.52E+00	-27.48	1.97E+00	8.64E-01	
	88.00	4.49E-05	-1.78E-06	-4.35E-06	-6.65E-05	-4.67E-05	3.49E-05	6.21E-05	-1.91E-05				
116	547.50	1.96E+00	2.53E-01	7.37E-01	-2.61E+00	-3.86E-01	1.65E+00	3.85E+00	-1.64E+00	-35.93	-8.74E-01	1.90E+00	
	104.00	4.30E-05	-2.27E-05	-4.09E-06	-2.01E-04	-2.97E-05	1.27E-04	1.16E-04	-9.54E-05				
117	515.50	6.00E-01	7.13E-01	3.25E-01	-1.93E+00	-5.66E-02	6.67E-01	2.59E+00	-1.27E+00	-45.84	6.00E-01	-1.93E+00	
	120.00	5.08E-06	9.42E-06	-5.50E-06	-1.48E-04	-4.35E-06	5.13E-05	8.15E-05	-6.70E-05				
118	515.50	2.05E+00	1.20E+00	1.02E+00	-7.41E-01	-3.71E-01	3.79E-01	2.48E+00	7.73E-01	-30.19	1.20E+00	7.41E-01	
	136.00	3.18E-05	-6.26E-07	-7.69E-06	-5.70E-05	-2.85E-05	2.92E-05	4.84E-05	-1.72E-05				
119	547.50	1.71E+00	6.49E-01	6.80E-01	-1.72E+00	-2.28E-01	8.64E-01	2.98E+00	-6.24E-01	-36.42	-1.00E-01	1.27E+00	
	152.00	3.24E-05	-8.49E-06	-7.24E-06	-1.33E-04	-1.75E-05	6.64E-05	8.13E-05	-5.74E-05				
120	515.50	8.24E-01	8.12E-01	3.40E-01	-1.30E+00	-7.65E-02	1.84E-01	2.11E+00	-4.78E-01	-44.87	8.24E-01	-1.30E+00	
	168.00	9.98E-06	9.53E-06	-8.64E-06	-9.97E-05	-5.88E-06	1.42E-05	5.96E-05	-4.01E-05				
121	515.50	2.77E+00	1.65E+00	1.38E+00	-5.65E-01	-4.90E-01	2.79E-01	3.01E+00	1.41E+00	-22.58	1.65E+00	5.65E-01	
	184.00	4.29E-05	-3.80E-07	-1.06E-05	-4.35E-05	-3.77E-05	2.15E-05	5.19E-05	-9.42E-06				
122	547.50	9.77E-01	-5.07E-01	-1.76E-01	-1.87E+00	-2.45E-01	1.32E+00	2.24E+00	-1.77E+00	-34.16	-1.30E+00	1.30E+00	
	200.00	3.44E-05	-2.27E-05	-1.00E-05	-1.44E-04	-1.89E-05	1.02E-04	8.31E-05	-7.15E-05				
123	515.50	-3.39E-01	-5.09E-01	-7.51E-01	-9.01E-01	4.44E-02	2.27E-01	4.81E-01	-1.33E+00	-42.30	-3.39E-01	-9.01E-01	
	216.00	4.54E-06	-2.01E-06	-1.13E-05	-6.93E-05	3.42E-06	1.75E-05	3.61E-05	-3.36E-05				
124	515.50	6.42E-01	2.53E-01	-9.88E-02	-2.00E-01	-1.80E-01	1.86E-01	7.27E-01	1.68E-01	-22.94	2.53E-01	2.00E-01	
	232.00	1.59E-05	9.91E-07	-1.25E-05	-1.54E-05	-1.38E-05	1.43E-05	1.92E-05	-2.27E-06				
125	547.50	1.26E-01	-1.73E-01	-4.49E-01	-4.14E-01	-5.33E-02	1.09E+00	4.17E-01	-4.64E-01	-35.08	-3.51E-01	2.95E-01	
	248.00	1.03E-05	-1.21E-06	-1.18E-05	-3.19E-05	-4.10E-06	8.42E-05	2.15E-05	-1.24E-05				
126	515.50	-8.32E-01	-1.13E+00	-1.21E+00	1.36E-01	1.89E-01	4.35E-01	-7.78E-01	-1.18E+00	21.40	-8.32E-01	1.36E-01	
	264.00	2.87E-06	-8.45E-06	-1.19E-05	1.05E-05	1.45E-05	3.35E-05	4.93E-06	-1.05E-05				
127	515.50	9.69E-02	-5.15E-02	-3.63E-01	-2.60E-02	2.32E-01	1.15E-01	1.01E-01	-5.60E-02	-9.65	-5.15E-02	2.60E-02	
	276.00	7.21E-06	1.50E-06	-1.03E-05	-2.00E-06	1.79E-05	8.84E-06	7.38E-06	1.33E-06				
128	531.50	-5.78E-01	-3.34E-01	-7.46E-01	-2.25E-02	1.66E-01	7.38E-02	-3.32E-01	-5.80E-01	-84.77	-5.78E-01	-2.25E-02	
	297.00	-4.01E-06	5.36E-06	-1.05E-05	-1.73E-06	1.28E-05	5.68E-06	5.44E-06	-4.09E-06				
129	515.50	-1.74E+00	-1.18E+00	-1.54E+00	3.92E-01	1.70E-01	1.92E-01	-9.79E-01	-1.94E+00	62.78	-1.74E+00	3.92E-01	
	320.00	-1.79E-05	3.61E-06	-1.02E-05	3.01E-05	1.31E-05	1.47E-05	1.14E-05	-2.57E-05				
183	565.50	-1.49E-01	2.77E-01	1.26E-01	-3.25E+00	-9.70E-01	2.47E+00	3.32E+00	-3.20E+00	-46.87	-1.49E-01	-3.25E+00	
	-8.00	-8.52E-06	7.86E-06	2.06E-06	-2.50E-04	-7.46E-05	1.90E-04	1.25E-04	-1.26E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.4300E+02	.2670E+03	.3300E+02	-.2953E+02	-.5804E+02	.4184E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4420E+01	-.1817E+01	-.6716E+00	-.3093E+02	.1611E+02	.2433E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2543E+01	.5595E+00	-.2652E+00	-.5165E+02	.3509E+02	.4517E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5066E+01	-.1175E+01	.9886E-03	-.7281E+02	.5587E+02	.6629E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5673E+01	.8316E+00	-.3203E-01	-.9391E+02	.7637E+02	.8958E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5085E+00	.5595E+00	-.3030E+00	-.1252E+03	.9774E+02	.1183E+03
25	-.1322E+02	-.2142E+01	-.3542E-01	-.1551E+03	.1078E+03	.1468E+03
26	.2201E+01	-.5221E-01	.7967E-01	-.1685E+03	.1144E+03	.1677E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7363E+02	.1393E+02	-.2294E+01	-.1735E+03	.1607E+03	.1848E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1138E+04	-.2018E+03	.1068E+02	-.2446E+03	.4401E+03	.2951E+03
40	-.8334E+03	-.1347E+03	.9322E+00	-.2315E+03	.4338E+03	.2698E+03
41	-.5890E+03	-.8251E+02	-.8809E+01	-.2010E+03	.3930E+03	.2332E+03
42	-.1494E+03	-.1321E+02	-.9705E+01	-.1749E+03	.2777E+03	.2029E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1601E+04	.2146E+03	.8741E+01	-.4390E+02	.4692E+03	-.1665E+03
48	.1396E+04	.1854E+03	.9995E+01	-.7393E+02	.4352E+03	-.1179E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2154E+04	.3270E+03	.1040E+02	.6295E+02	.3253E+03	-.4686E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.6496E+01	-.6835E+01	.5037E+00	-.2561E+02	.4606E+03	-.1578E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1474E+04	.2232E+03	.1028E+02	.3066E+02	.2592E+03	-.4378E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1031E+04	.1566E+03	.1369E+02	.3116E+02	.2388E+03	-.4249E+03
66	.3401E+03	.5253E+02	.1715E+02	.3775E+02	.1864E+03	-.4430E+03

67	-.7173E+03	-.1066E+03	.1714E+02	.3652E+02	.1311E+03	-.4416E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1275E+04	-.1504E+03	.1423E+02	-.2286E+02	.7891E+02	-.4528E+03
76	.1404E+03	.2127E+02	.9577E+01	-.4034E+02	.1483E+02	-.4617E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5363E+03	-.8095E+02	.7055E+01	-.5253E+02	-.5996E+02	-.4445E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2279E+03	.3329E+02	.4956E+01	-.9286E+02	-.1039E+03	-.4365E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3137E+03	-.4858E+02	.4431E+01	-.6050E+02	-.1668E+03	-.4014E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2094E+03	.2952E+02	.3694E+01	-.5030E+02	-.2027E+03	-.3652E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2397E+03	-.3836E+02	.3732E+01	-.5279E+02	-.2558E+03	-.3295E+03
109	.1438E+03	.1885E+02	.3172E+01	-.5440E+02	-.2986E+03	-.2842E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2005E+03	-.3322E+02	.3029E+01	-.2843E+02	-.3286E+03	-.2391E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9484E+02	-.1754E+02	.3824E+00	-.1227E+02	-.3439E+03	-.1913E+03
115	-.4347E+02	-.9986E+01	-.5816E+00	.2914E+01	-.3452E+03	-.1415E+03
116	-.9950E+02	-.1878E+02	-.1769E+01	.1091E+02	-.3566E+03	-.1130E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1073E+03	-.2010E+02	-.2849E+01	-.1378E+01	-.3636E+03	-.9479E+02
119	-.8374E+02	-.1623E+02	-.4113E+01	.2666E+02	-.3290E+03	-.6044E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1917E+03	-.2383E+02	-.1152E+02	.1969E+02	-.2774E+03	-.3605E+02
122	-.1607E+03	-.9763E+01	-.1814E+02	-.9326E+01	-.2665E+03	-.3093E+02
123	-.1209E+03	-.6075E+01	-.1600E+02	-.6429E+01	-.2321E+03	-.2764E+02
124	-.8709E+02	-.4234E+01	-.1104E+02	-.4437E+01	-.1905E+03	-.2498E+02
125	-.5591E+02	-.1686E+01	-.8092E+01	-.2789E+01	-.1569E+03	-.2245E+02
126	-.1439E+02	.4594E+01	-.7518E+01	-.6750E+00	-.1309E+03	-.1975E+02
127	.1484E+02	.9530E+01	-.7629E+01	.7438E+00	-.1108E+03	-.1636E+02
128	.4479E+02	.1343E+02	-.7143E+01	.4101E+01	-.7018E+02	-.1256E+02
	.4448E+02	.1149E+02	-.5835E+01	.55[illegible]01	-.3796E+02	-.9329E+01
	.3043E+02	.6943E+01	-.4090E+01	[illegible]01	-.1481E+02	-.7222E+01

131	.7400E+01	.1219E+01	-.2590E+01	[illegible]E+01	-.3159E+01	-.6064E+01
132	-.0278E+00	-.5759E+00	-.1878E+01	[illegible]+01	-.4671E+01	-.5354E+01
133	-.1515E+01	-.4779E+00	-.1750E+01	[illegible]E+01	-.6465E+01	-.4577E+01
134	-.4209E+00	-.1304E+00	-.1768E+01	.1702E+01	-.5692E+01	-.3619E+01
135	.1150E-01	-.9913E-03	-.1991E+01	.1299E+01	-.4014E+01	-.2664E+01
136	.9716E-02	-.7925E-02	-.2652E+01	.9059E+00	-.2581E+01	-.1773E+01
137	.6310E-01	.2165E-01	-.4215E+01	.6074E+00	-.1155E+01	-.9665E+00
138	-.3583E-01	-.1036E+00	-.7484E+02	.3716E+00	.2960E+00	-.4758E+00
139	-.7450E-01	-.1207E+00	.3718E+02	.6253E-01	-.1577E+00	.1532E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.10717E-01	-.71966E-04	.10835E-01	.00000E+00
3	-.19812E-01	-.23717E-03	.19808E-01	.00000E+00
4	-.21566E-01	-.23537E-03	.21473E-01	.00000E+00
5	-.23379E-01	.42339E-05	.23390E-01	.00000E+00
6	-.26789E-01	.56362E-06	.26783E-01	-.66983E-05
7	-.24371E-01	-.50342E-03	.24784E-01	.00000E+00
8	-.26882E-01	-.41195E-03	.27009E-01	-.16698E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.10754E-01	-.12986E-03	.10937E-01	.00000E+00
11	-.20034E-01	-.30527E-03	.20489E-01	.00000E+00
12	-.22407E-01	-.37500E-03	.22949E-01	.00000E+00
13	-.24389E-01	-.31465E-03	.24729E-01	.00000E+00
14	-.27059E-01	-.45960E-03	.27607E-01	-.34432E-05
15	-.24747E-01	-.77408E-03	.26329E-01	.00000E+00
16	-.27324E-01	-.72923E-03	.28585E-01	.35595E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.10897E-01	-.18613E-03	.11645E-01	.00000E+00
19	-.20495E-01	-.42295E-03	.21981E-01	.00000E+00
20	-.22984E-01	-.55230E-03	.24729E-01	.00000E+00
21	-.25050E-01	-.41667E-03	.26697E-01	.00000E+00
22	-.27684E-01	-.56274E-03	.29944E-01	-.10769E-05
23	-.25800E-01	-.11367E-02	.29436E-01	.00000E+00
24	-.28133E-01	-.10534E-02	.31716E-01	-.10481E-04
25	-.26440E-01	-.13223E-02	.32836E-01	-.59788E-06
26	-.28621E-01	-.12785E-02	.33492E-01	.26002E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.10962E-01	-.35554E-03	.12479E-01	.00000E+00
29	-.21063E-01	-.77902E-03	.23812E-01	.00000E+00
30	-.23617E-01	-.94724E-03	.27005E-01	.00000E+00
31	-.26067E-01	-.11584E-02	.30218E-01	.00000E+00
32	-.28810E-01	-.14350E-02	.34214E-01	-.27463E-04
33	-.26009E-01	-.16669E-02	.30413E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.10896E-01	-.50584E-03	.12661E-01	.00000E+00
36	-.21263E-01	-.95382E-03	.24492E-01	.00000E+00
37	-.23919E-01	-.11062E-02	.27174E-01	.00000E+00
38	-.26832E-01	-.14480E-02	.31633E-01	.00000E+00
39	-.29174E-01	-.19962E-02	.35472E-01	.15368E-04
40	-.29113E-01	-.20645E-02	.35181E-01	-.18568E-05
41	-.29054E-01	-.19770E-02	.34907E-01	-.13177E-04
42	-.28954E-01	-.17541E-02	.34596E-01	-.23543E-04
43	-.23744E-01	-.13398E-02	.27693E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.10291E-01	.83314E-04	.12316E-01	.00000E+00
46	-.21297E-01	-.78415E-03	.24665E-01	.00000E+00
47	-.29204E-01	-.18549E-02	.35592E-01	.15429E-04
48	-.29194E-01	-.19305E-02	.35568E-01	.22351E-04
49	-.26803E-01	-.14830E-02	.31426E-01	.00000E+00
50	-.29467E-01	-.19376E-02	.35703E-01	.65321E-04

51	-.27032E-01	-.15531E-02	.31472E-01	.00000E+00
52	-.30359E-01	-.16121E-02	.34436E-01	.00000E+00
53	-.29231E-01	-.17523E-02	.35683E-01	.51241E-05
54	-.23651E-01	-.03129E-02	.26520E-01	.00000E+00
55	-.26607E-01	-.13993E-02	.29538E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.89509E-02	-.94205E-03	.10116E-01	.00000E+00
58	-.19347E-01	-.66379E-03	.19790E-01	.00000E+00
59	-.31024E-01	-.13743E-02	.33826E-01	.00000E+00
60	-.30433E-01	-.16605E-02	.33834E-01	.00000E+00
61	-.29719E-01	-.19443E-02	.35794E-01	.10053E-03
62	-.22721E-01	-.50722E-03	.23884E-01	.00000E+00
63	-.26130E-01	-.52745E-03	.27644E-01	.00000E+00
64	-.31035E-01	-.16340E-02	.34895E-01	.00000E+00
65	-.30059E-01	-.19511E-02	.35880E-01	.12488E-03
66	-.30903E-01	-.19533E-02	.36053E-01	.15183E-03
67	-.31314E-01	-.19734E-02	.36241E-01	.14497E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.71416E-02	.13944E-03	.69111E-02	.00000E+00
70	-.20703E-01	-.22660E-03	.22176E-01	.00000E+00
71	-.30423E-01	-.67285E-03	.32356E-01	.00000E+00
72	-.31886E-01	-.16284E-02	.35191E-01	.00000E+00
73	-.25595E-01	-.38256E-03	.27136E-01	.00000E+00
74	-.33854E-01	-.17282E-02	.36579E-01	.00000E+00
75	-.32590E-01	-.19936E-02	.36407E-01	.11058E-03
76	-.33637E-01	-.20284E-02	.36679E-01	.77492E-04
77	-.29363E-01	-.40379E-03	.31052E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.86030E-02	-.23749E-03	.99685E-02	.00000E+00
80	-.19997E-01	.92802E-04	.21608E-01	.00000E+00
81	-.22249E-01	.22849E-04	.24063E-01	.00000E+00
82	-.24705E-01	.22377E-04	.26820E-01	.00000E+00
83	-.34002E-01	-.99506E-03	.36039E-01	.00000E+00
84	-.32486E-01	-.54262E-03	.35025E-01	.00000E+00
85	-.34821E-01	-.20503E-02	.37060E-01	.62005E-04
86	-.35086E-01	-.17750E-02	.37207E-01	.00000E+00
87	-.29997E-01	-.37759E-03	.31707E-01	.00000E+00
88	-.35232E-01	-.15351E-02	.37175E-01	.00000E+00
89	-.35641E-01	-.21224E-02	.37397E-01	.50217E-04
90	-.24187E-01	.17286E-04	.25370E-01	.00000E+00
91	-.25783E-01	.43440E-05	.26680E-01	.00000E+00
92	-.27553E-01	-.51635E-03	.27936E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.10808E-01	.00000E+00	.11751E-01	.00000E+00
95	-.19618E-01	.00000E+00	.20924E-01	.00000E+00
96	-.22275E-01	.00000E+00	.23411E-01	.00000E+00
97	-.23384E-01	.00000E+00	.24135E-01	.00000E+00
98	-.23185E-01	.00000E+00	.23915E-01	.00000E+00
99	-.24863E-01	-.24330E-03	.25268E-01	.00000E+00
100	-.29627E-01	-.68269E-03	.29294E-01	.00000E+00
101	-.34631E-01	-.13507E-02	.36111E-01	.00000E+00
102	-.36906E-01	-.21363E-02	.37908E-01	.44953E-04
103	-.35764E-01	-.13082E-02	.38063E-01	.00000E+00
104	-.37335E-01	-.20344E-02	.38484E-01	.00000E+00
105	-.37795E-01	-.22556E-02	.38326E-01	.38984E-04
106	-.37268E-01	-.15082E-02	.39685E-01	.00000E+00
107	-.38341E-01	-.22404E-02	.39514E-01	.00000E+00
108	-.38814E-01	-.23160E-02	.38741E-01	.37336E-04
109	-.39556E-01	-.23635E-02	.39041E-01	.31598E-04
110	-.39411E-01	-.29339E-02	.41378E-01	.00000E+00
111	-.40502E-01	-.26406E-02	.40847E-01	.00000E+00
1[illegible]	-.40352E-01	-.24197E-02	.39328E-01	[illegible]8297E-04
1[illegible]	-.40216E-01	-.26286E-02	.41192E-01	[illegible]000E+00
[illegible]	-.40605E-01	-.24207E-02	.39465E-01	[illegible]247E-04

	-.40976E-01	-.24456E-02	.39597E-01	[illegible]630E-05
	-.41049E-01	-.24301E-02	.39575E-01	[illegible]7836E-05
	-.40787E-01	-.26119E-02	.41024E-01	[illegible]00000E+00
118	-.41066E-01	-.24325E-02	.39574E-01	-.58222E-06
119	-.41027E-01	-.24319E-02	.39548E-01	-.29227E-05
120	-.41017E-01	-.27468E-02	.40879E-01	.00000E+00
121	-.40911E-01	-.23941E-02	.39427E-01	-.82215E-05
122	-.40896E-01	-.23193E-02	.39449E-01	-.11411E-04
123	-.40864E-01	-.22419E-02	.39463E-01	-.13979E-04
124	-.40928E-01	-.21474E-02	.39477E-01	-.17038E-04
125	-.40775E-01	-.20318E-02	.39490E-01	-.20880E-04
126	-.40662E-01	-.17721E-02	.39512E-01	-.26053E-04
127	-.40533E-01	-.15177E-02	.39532E-01	-.27986E-04
128	-.40267E-01	-.91788E-03	.39574E-01	-.25084E-04
129	-.40065E-01	-.43280E-03	.39611E-01	-.18567E-04
130	-.39924E-01	-.60703E-04	.39652E-01	-.10282E-04
131	-.39865E-01	.13364E-03	.39714E-01	-.11535E-06
132	-.39897E-01	.59622E-04	.39771E-01	.27674E-05
133	-.39930E-01	-.37043E-04	.39822E-01	.16354E-05
134	-.39943E-01	-.69538E-04	.39865E-01	.37276E-06
135	-.39947E-01	-.61381E-04	.39901E-01	-.25049E-06
136	-.39949E-01	-.42710E-04	.39927E-01	-.23940E-06
137	-.39950E-01	-.19904E-04	.39944E-01	-.41759E-06
138	-.39951E-01	-.11932E-05	.39951E-01	-.75998E-08
139	-.39951E-01	-.24385E-06	.39951E-01	-.21945E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3300E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.15E-02	-3.32E-02	1.43E-02	-1.31E+00	-7.63E-03	1.34E+00	1.29E+00	-1.34E+00	-44.76	-1.15E-02	-1.31E+00
	-303.00	-1.27E-07	-1.12E-06	1.05E-06	-1.19E-04	-6.94E-07	1.22E-04	5.91E-05	-6.04E-05			
2	72.00	-2.78E-02	-4.99E-02	4.93E-02	-1.13E+00	1.15E-03	1.16E+00	1.09E+00	-1.17E+00	-44.72	-2.78E-02	-1.13E+00
	-213.00	-8.97E-07	-1.90E-06	2.61E-06	-1.03E-04	1.04E-07	1.05E-04	4.99E-05	-5.27E-05			
3	72.00	-2.00E-01	-6.24E-02	9.98E-02	-7.73E-01	9.61E-02	8.44E-01	6.44E-01	-9.07E-01	-47.54	-2.00E-01	-7.73E-01
	-138.00	-3.69E-06	-5.66E-07	3.12E-06	-3.51E-05	4.37E-06	3.84E-05	1.55E-05	-1.98E-05			
4	24.00	-1.10E+00	-6.51E-01	-8.42E-01	-1.49E+00	3.02E-01	1.68E+00	6.28E-01	-2.38E+00	-49.28	-1.10E+00	-1.49E+00
	-68.00	-1.38E-05	3.42E-06	-3.89E-06	-1.14E-04	2.32E-05	1.29E-04	5.26E-05	-6.30E-05			
5	72.00	3.69E-01	2.31E-01	5.13E-01	-6.51E-01	3.12E-03	6.64E-01	9.54E-01	-3.55E-01	-41.97	2.31E-01	6.51E-01
	-88.00	1.95E-06	-3.36E-06	7.52E-06	-5.01E-05	2.40E-07	5.11E-05	2.45E-05	-2.59E-05			
6	120.00	2.03E-01	2.04E-01	3.27E-01	-1.25E+00	-6.86E-02	1.21E+00	1.45E+00	-1.05E+00	-45.01	-1.03E+00	2.26E-01
	-68.00	-2.55E-07	-2.29E-07	4.51E-06	-9.61E-05	-5.28E-06	9.30E-05	4.78E-05	-4.83E-05			
7	36.25	-3.49E-01	-1.30E-01	-5.50E-02	-7.47E-01	9.80E-02	7.11E-01	5.15E-01	-9.95E-01	-49.17	-3.24E-01	-7.50E-01
	-19.00	-7.56E-06	8.64E-07	3.76E-06	-5.74E-05	7.53E-06	5.47E-05	2.57E-05	-3.24E-05			
8	108.00	4.49E-02	6.99E-02	1.66E-01	-5.67E-01	6.07E-03	6.23E-01	6.25E-01	-5.10E-01	-45.63	4.49E-02	-5.67E-01
	-19.00	-1.36E-06	-4.01E-07	3.30E-06	-4.36E-05	4.67E-07	4.79E-05	2.09E-05	-2.27E-05			
9	216.00	-6.23E-02	-8.99E-02	-2.76E-02	-1.33E+00	1.52E-02	1.38E+00	1.25E+00	-1.40E+00	-44.70	-6.23E-02	-1.33E+00
	-303.00	-4.96E-07	-1.75E-06	1.08E-06	-1.20E-04	1.38E-06	1.26E-04	5.91E-05	-6.14E-05			
10	216.00	-9.32E-02	-9.76E-02	2.61E-02	-1.16E+00	4.75E-02	1.23E+00	1.06E+00	-1.26E+00	-44.95	-9.32E-02	-1.16E+00
	-213.00	-2.10E-06	-2.30E-06	3.32E-06	-1.05E-04	4.32E-06	1.12E-04	5.05E-05	-5.49E-05			
11	216.00	-1.71E-01	-8.53E-02	2.03E-01	-9.14E-01	1.42E-01	9.97E-01	7.87E-01	-1.04E+00	-46.34	-1.71E-01	-9.14E-01
	-138.00	-3.61E-06	-1.66E-06	4.89E-06	-4.15E-05	6.47E-06	4.53E-05	1.82E-05	-2.34E-05			
12	168.00	-4.61E-01	-4.52E-01	-2.48E-01	-1.45E+00	2.47E-01	1.53E+00	9.92E-01	-1.91E+00	-45.08	-4.61E-01	-1.45E+00
	-68.00	-4.96E-06	-4.64E-06	3.22E-06	-1.11E-04	1.90E-05	1.18E-04	5.09E-05	-6.05E-05			
13	216.00	4.61E-01	2.07E-01	5.61E-01	-5.85E-01	7.19E-02	5.53E-01	9.33E-01	-2.64E-01	-38.87	2.07E-01	5.85E-01
	-88.00	4.23E-06	-5.54E-06	8.08E-06	-4.50E-05	5.53E-06	4.26E-05	2.24E-05	-2.37E-05			
14	264.00	5.81E-02	1.89E-01	3.39E-01	-1.21E+00	-1.94E-02	1.23E+00	1.34E+00	-1.05E+00	-46.54	-1.06E+00	2.83E-01
	-68.00	-4.21E-06	8.25E-07	6.61E-06	-9.33E-05	-1.50E-06	9.44E-05	4.50E-05	-4.84E-05			
15	180.00	-1.12E-01	-2.13E-02	1.35E-01	-6.54E-01	1.65E-01	6.17E-01	5.89E-01	-7.22E-01	-46.98	-1.12E-01	-6.54E-01
	-19.00	-4.32E-06	-8.46E-07	5.18E-06	-5.03E-05	1.27E-05	4.74E-05	2.26E-05	-2.78E-05			
16	252.00	-5.91E-02	3.66E-02	2.35E-01	-5.38E-01	6.88E-02	6.49E-01	5.28E-01	-5.51E-01	-47.54	-5.91E-02	-5.38E-01

	-19.00	-4.61E-04	-9.24E-07	6.70E-06	-4.14E-05	5.30E-05	4.99E-05	1.80E-05	-2.35E-05				
17	361.00	-7.81E-02	-1.39E-01	-3.96E-02	-1.34E+00	1.42E-02	1.48E+00	1.23E+00	-1.45E+00	-44.35	-7.81E-02	-1.34E+00	
	-303.00	-2.23E-07	-3.01E-06	1.57E-06	-1.22E-04	1.29E-06	1.34E-04	5.94E-05	-6.26E-05				
18	361.00	-1.06E-01	-1.39E-01	4.07E-02	-1.22E+00	5.09E-02	1.34E+00	1.10E+00	-1.35E+00	-44.61	-1.06E-01	-1.22E+00	
	-213.00	-2.17E-06	-3.66E-06	4.50E-06	-1.11E-04	4.62E-06	1.22E-04	5.27E-05	-5.85E-05				
19	361.00	-1.85E-01	-1.13E-01	2.82E-01	-9.81E-01	1.67E-01	1.13E+00	8.33E-01	-1.13E+00	-46.04	-1.85E-01	-9.81E-01	
	-138.00	-4.11E-06	-2.49E-06	6.49E-06	-4.46E-05	7.58E-06	5.14E-05	1.90E-05	-2.56E-05				
20	312.00	-7.94E-01	-6.58E-01	-3.77E-01	-1.64E+00	4.22E-01	1.90E+00	9.11E-01	-2.36E+00	-46.18	-7.94E-01	-1.64E+00	
	-68.00	-1.04E-05	-5.22E-06	5.59E-06	-1.26E-04	3.24E-05	1.46E-04	5.51E-05	-7.08E-05				
21	360.67	7.29E-01	4.40E-01	3.10E-01	-7.62E-01	6.69E-02	8.27E-01	1.36E+00	-1.91E-01	-39.64	4.40E-01	7.62E-01	
	-88.00	6.28E-06	-4.90E-06	9.39E-06	-5.86E-05	5.15E-06	6.36E-05	3.05E-05	-2.91E-05				
22	409.33	-3.99E-01	-5.79E-01	-8.98E-02	-1.54E+00	2.99E-02	1.95E+00	1.05E+00	-2.03E+00	-43.33	-2.01E+00	2.30E-01	
	-68.00	-3.61E-06	-1.05E-05	8.28E-06	-1.18E-04	2.30E-06	1.50E-04	5.23E-05	-6.64E-05				
23	324.00	-2.34E-01	-3.35E-02	2.05E-01	-6.65E-01	2.96E-01	6.51E-01	5.39E-01	-8.07E-01	-49.29	-2.34E-01	-6.65E-01	
	-19.00	-8.33E-06	-6.01E-07	8.59E-06	-5.12E-05	2.27E-05	5.01E-05	2.14E-05	-3.03E-05				
24	372.00	-1.74E-01	3.93E-02	3.02E-01	-1.73E+00	2.78E-01	1.82E+00	1.67E+00	-1.81E+00	-46.76	-1.74E-01	-1.73E+00	
	-9.33	-8.52E-06	-3.29E-07	9.77E-06	-1.33E-04	2.14E-05	1.40E-04	6.24E-05	-7.13E-05				
25	401.25	-2.86E-02	5.13E-02	3.96E-01	-5.64E-01	1.09E-01	7.52E-01	5.77E-01	-5.54E-01	-47.02	4.99E-01	-2.86E-01	
	-19.00	-5.70E-06	-2.63E-06	1.06E-05	-4.34E-05	8.39E-06	5.78E-05	1.76E-05	-2.59E-05				
26	427.67	-8.49E-01	-8.78E-01	-3.37E-01	-1.91E+00	3.68E-01	2.56E+00	1.05E+00	-2.77E+00	-44.78	-1.98E+00	-1.55E+00	
	-9.33	-9.95E-06	-1.11E-05	9.71E-06	-1.47E-04	2.83E-05	1.97E-04	6.29E-05	-8.39E-05				
27	457.00	-8.45E-02	-2.05E-01	-6.07E-02	-1.35E+00	1.99E-03	1.54E+00	1.21E+00	-1.50E+00	-43.72	-8.45E-02	-1.35E+00	
	-303.00	7.13E-07	-4.79E-06	1.80E-06	-1.23E-04	1.81E-07	1.40E-04	5.96E-05	-6.36E-05				
28	457.00	-8.80E-02	-1.63E-01	5.57E-02	-1.29E+00	4.76E-02	1.43E+00	1.17E+00	-1.42E+00	-44.17	-8.80E-02	-1.29E+00	
	-213.00	-1.47E-06	-4.86E-06	5.07E-06	-1.17E-04	4.31E-06	1.30E-04	5.55E-05	-6.18E-05				
29	457.00	-2.80E-01	-1.56E-01	2.64E-01	-1.04E+00	5.12E-02	1.12E+00	8.21E-01	-1.26E+00	-46.72	-2.80E-01	-1.04E+00	
	-138.00	-5.46E-06	-2.64E-06	6.90E-06	-4.71E-05	2.33E-06	5.10E-05	1.95E-05	-2.76E-05				
30	442.00	-4.18E-01	-9.85E-01	-2.82E-01	-1.85E+00	5.98E-03	2.16E+00	1.17E+00	-2.57E+00	-40.64	-4.18E-01	-1.85E+00	
	-68.00	2.44E-06	-1.94E-05	7.67E-06	-1.42E-04	4.60E-07	1.66E-04	6.35E-05	-8.04E-05				
31	457.33	2.16E+00	9.50E-01	1.50E+00	-6.18E-01	-9.13E-01	1.10E+00	2.42E+00	6.90E-01	-22.83	9.50E-01	6.18E-01	
	-88.00	3.23E-05	-1.41E-05	7.12E-06	-4.75E-05	-7.02E-05	8.45E-05	4.23E-05	-2.41E-05				
32	472.67	-3.64E+00	-3.20E+00	-2.49E+00	-1.59E+00	6.31E-01	2.66E+00	-1.82E+00	-5.02E+00	-48.89	-4.61E+00	-1.07E+00	
	-68.00	-3.74E-05	-2.07E-05	6.89E-06	-1.22E-04	4.86E-05	2.05E-04	3.25E-05	-9.06E-05				
33	443.00	-2.73E-01	-2.33E-01	2.00E-01	-9.66E-01	1.59E-01	1.01E+00	7.13E-01	-1.22E+00	-45.60	-2.73E-01	-9.66E-01	
	-19.50	-7.15E-06	-5.60E-06	1.11E-05	-7.43E-05	1.22E-05	7.76E-05	3.08E-05	-4.35E-05				
34	454.00	-3.00E+00	-2.40E+00	-1.81E+00	-2.44E+00	7.39E-01	3.22E+00	-2.38E-01	-5.17E+00	-48.50	-3.98E+00	-2.11E+00	
	-11.33	-3.62E-05	-1.31E-05	9.70E-06	-1.88E-04	5.68E-05	2.48E-04	7.01E-05	-1.19E-04				
35	461.67	-9.01E-01	-1.25E+00	-5.14E-01	-2.32E+00	1.99E-01	3.36E+00	1.25E+00	-3.40E+00	-42.83	-9.01E-01	-2.32E+00	
	-12.00	-5.35E-06	-1.88E-05	9.54E-06	-1.78E-04	1.53E-05	2.58E-04	7.73E-05	-1.01E-04				
36	469.00	1.89E+00	6.99E-01	1.41E+00	-2.01E-01	-7.88E-01	1.32E+00	1.93E+00	6.66E-01	-9.27	6.99E-01	2.01E-01	
	-30.00	2.89E-05	-1.71E-05	1.02E-05	-1.54E-05	-6.06E-05	1.07E-04	3.01E-05	-1.84E-05				
37	476.33	-1.56E+00	-2.24E+00	-1.15E+00	-1.60E+00	2.13E-01	2.74E+00	-2.67E-01	-3.53E+00	-38.98	-2.21E+00	-1.60E+00	
	-12.00	-5.55E-06	-3.17E-05	1.01E-05	-1.23E-04	1.64E-05	2.11E-04	4.41E-05	-8.14E-05				
38	558.50	9.86E-02	4.56E-03	9.35E-02	-1.27E+00	-3.07E-02	1.53E+00	1.33E+00	-1.22E+00	-43.94	9.86E-02	-1.27E+00	
	-303.00	1.93E-06	-2.35E-06	1.70E-06	-1.16E-04	-2.80E-06	1.39E-04	5.77E-05	-5.82E-05				
39	558.50	1.08E-03	-2.01E-01	6.33E-02	-1.28E+00	-5.72E-02	1.49E+00	1.18E+00	-1.38E+00	-42.74	1.08E-03	-1.28E+00	
	-213.00	1.82E-06	-7.36E-06	4.65E-06	-1.16E-04	-5.20E-06	1.35E-04	5.56E-05	-6.11E-05				
40	506.17	1.05E-02	-5.83E-01	1.93E-01	-2.92E+00	5.11E-03	3.18E+00	2.65E+00	-3.22E+00	-42.10	1.05E-02	-2.92E+00	
	-128.00	2.23E-06	-1.13E-05	6.38E-06	-1.33E-04	2.32E-07	1.45E-04	6.22E-05	-7.13E-05				
41	558.50	9.11E-01	-3.63E-01	5.10E-01	-1.22E+00	-5.09E-01	1.70E+00	1.65E+00	-1.10E+00	-31.22	-3.63E-01	1.22E+00	
	-148.00	1.52E-05	-1.38E-05	6.03E-06	-5.55E-05	-2.31E-05	7.71E-05	3.20E-05	-3.06E-05				
42	610.83	-7.66E-02	-5.95E-01	1.14E-01	-2.48E+00	-4.50E-01	2.50E+00	2.16E+00	-2.83E+00	-42.02	-2.80E+00	4.01E-01	
	-128.00	1.18E-06	-1.06E-05	5.51E-06	-1.13E-04	-2.05E-05	1.14E-04	5.20E-05	-6.14E-05				
43	501.38	3.26E-01	9.38E-02	4.70E-01	-6.72E-01	-1.59E-01	8.92E-01	8.92E-01	-4.72E-01	-40.10	3.26E-01	-6.72E-01	
	-78.00	2.76E-06	-6.17E-06	8.29E-06	-5.17E-05	-1.22E-05	6.86E-05	2.45E-05	-2.79E-05				
44	534.67	-3.76E-01	-5.49E-01	-1.01E-01	-2.10E+00	-8.76E-02	2.48E+00	1.64E+00	-2.57E+00	-43.82	-2.55E+00	2.80E-01	
	-68.00	-3.19E-06	-9.83E-06	7.39E-06	-1.62E-04	-6.74E-06	1.91E-04	7.44E-05	-8.74E-05				
45	584.67	4.13E-01	9.16E-02	5.48E-01	-2.00E+00	-4.08E-01	2.07E+00	2.26E+00	-1.76E+00	-42.71	4.13E-01	-2.00E+00	
	-68.00	5.41E-06	-6.94E-06	6.75E-06	-1.54E-04	-3.14E-05	1.59E-04	7.65E-05	-7.80E-05				
46	610.83	2.09E+00	4.17E-01	1.18E+00	-1.05E+00	-9.50E-01	1.58E+00	2.60E+00	-9.01E-02	-25.74	4.17E-01	1.05E+00	
	-88.00	4.00E-05	-2.45E-05	4.70E-06	-8.10E-05	-7.30E-05	1.22E-04	5.95E-05	-4.40E-05				
47	482.63	1.18E-01	-1.15E-01	4.18E-01	-5.06E-01	-2.25E-01	1.00E+00	5.21E-01	-5.18E-01	-38.50	1.18E-01	-5.06E-01	
	-21[illegible]	7.48E-08	-9.06E-06	1.14E-05	-3.89E-05	-1.73E-05	[illegible]3E-05	1.54E-05	-2.45E-05				
48	48[illegible]	8.85E-01	-1.40E+00	-5.66E-01	-1.49E+00	-3.26E-0[illegible]	[illegible]4E+00	3.69E-01	-2.65E+00	-40.12	-1.08E+00	-1[illegible]	

	-12[illegible]	-2.73E-05	-2.24E-05	9.51E-06	-1.14E-04	-2.51E-06	[illegible]4E-04	4.55E-05	-7.06E-05				
49	507.[illegible]	1.13E-01	7.65E-02	4.68E-01	-5.48E-01	-1.03E-01	[illegible]07E+00	6.43E-01	-4.54E-01	-44.05	1.13E-01	-5.4[illegible]	
	-21.00	-2.89E-06	-4.28E-06	1.09E-05	-4.22E-05	-7.92E-06	8.24E-05	1.75E-05	-2.47E-05				
50	538.67	-3.10E-01	-3.90E-01	2.41E-02	-1.91E+00	-6.01E-01	2.23E+00	1.56E+00	-2.25E+00	-44.48	-2.25E+00	1.50E-01	
	-10.00	-4.62E-06	-7.28E-06	8.24E-06	-1.47E-04	-4.62E-05	1.72E-04	6.75E-05	-7.94E-05				
51	484.67	6.06E+00	4.22E+00	4.59E+00	1.67E-01	-3.99E-01	3.42E-01	6.08E+00	4.20E+00	5.13	4.22E+00	-1.67E-01	
	8.00	6.97E-05	-1.19E-06	1.32E-05	1.28E-05	-3.07E-05	2.63E-05	7.03E-05	-1.76E-06				
52	507.00	-1.32E+00	-1.67E+00	-7.81E-01	-9.22E-01	-2.67E-01	-6.33E-01	-5.49E-01	-2.44E+00	-39.55	-2.21E+00	-6.13E-01	
	9.00	-9.18E-06	-2.29E-05	1.14E-05	-7.14E-05	-2.05E-05	-4.87E-05	2.03E-05	-5.24E-05				
53	603.00	5.31E-02	5.20E-02	2.47E-01	-7.92E-01	-2.46E-01	7.83E-01	8.45E-01	-7.40E-01	-44.98	5.47E-01	-6.19E-01	
	-18.00	-1.83E-06	-1.87E-06	5.63E-06	-6.09E-05	-1.90E-05	6.02E-05	2.86E-05	-3.23E-05				
54	712.00	1.34E-01	-6.91E-02	6.05E-02	-1.21E+00	-9.30E-02	1.37E+00	1.25E+00	-1.15E+00	-42.61	1.34E-01	-1.21E+00	
	-303.00	4.47E-06	-4.77E-06	1.12E-06	-1.10E-04	-8.45E-06	1.25E-04	5.52E-05	-5.55E-05				
55	712.00	6.87E-01	3.73E-01	5.00E-01	-1.34E+00	-2.86E-01	1.35E+00	1.88E+00	-8.20E-01	-41.66	6.87E-01	-1.34E+00	
	-213.00	1.10E-05	-3.30E-06	2.46E-06	-1.22E-04	-2.60E-05	1.23E-04	6.52E-05	-5.75E-05				
56	712.00	8.61E-01	4.91E-01	5.60E-01	-1.02E+00	-6.11E-01	1.11E+00	1.71E+00	-3.64E-01	-39.71	8.61E-01	-1.02E+00	
	-138.00	9.60E-06	9.53E-07	2.75E-06	-4.62E-05	-2.78E-05	5.06E-05	2.88E-05	-1.82E-05				
57	712.00	3.04E-01	7.39E-02	2.59E-01	-6.42E-01	-2.35E-01	7.49E-01	8.41E-01	-4.63E-01	-39.92	3.04E-01	-6.42E-01	
	-78.00	4.69E-06	-4.16E-06	2.98E-06	-4.94E-05	-1.81E-05	5.76E-05	2.53E-05	-2.48E-05				
58	712.00	3.56E-01	2.18E-01	3.47E-01	-8.79E-01	-1.88E-01	9.93E-01	1.17E+00	-5.95E-01	-42.74	3.56E-01	-8.79E-01	
	-18.00	3.59E-06	-1.75E-06	3.22E-06	-6.76E-05	-1.44E-05	7.64E-05	3.48E-05	-3.30E-05				
59	837.00	3.48E+00	1.93E+00	2.17E+00	-1.02E+00	-7.42E-01	1.24E+00	3.99E+00	1.42E+00	-26.51	1.93E+00	1.02E+00	
	-318.00	5.97E-05	-1.05E-05	.00E+00	-9.32E-05	-6.74E-05	1.12E-04	8.29E-05	-3.37E-05				
60	887.00	4.72E-01	4.44E-02	2.07E-01	-2.76E+00	-2.35E-01	2.93E+00	3.03E+00	-2.51E+00	-42.79	-2.28E+00	1.11E+00	
	-288.00	1.21E-05	-7.37E-06	.00E+00	-2.51E-04	-2.14E-05	2.66E-04	1.28E-04	-1.24E-04				
61	987.00	-6.23E-01	-3.98E-01	-4.08E-01	-2.82E+00	2.24E-01	2.91E+00	2.32E+00	-3.34E+00	-46.14	-6.23E-01	-2.82E+00	
	-288.00	-9.74E-06	4.60E-07	.00E+00	-2.57E-04	2.04E-05	2.64E-04	1.24E-04	-1.33E-04				
62	1037.00	3.55E+00	2.18E+00	2.29E+00	-2.09E+00	-7.31E-01	2.44E+00	5.06E+00	6.68E-01	-35.86	2.18E+00	2.09E+00	
	-318.00	5.74E-05	-5.28E-06	.00E+00	-1.90E-04	-6.65E-05	2.22E-04	1.26E-04	-7.38E-05				
63	862.00	1.15E-01	7.06E-02	9.95E-02	-1.41E+00	-3.91E-02	1.53E+00	1.50E+00	-1.32E+00	-44.55	1.15E-01	-1.41E+00	
	-213.00	1.51E-06	-4.88E-07	8.27E-07	-1.28E-04	-3.56E-06	1.39E-04	6.45E-05	-6.35E-05				
64	1012.00	-1.29E-01	-7.79E-02	-5.06E-02	-1.53E+00	7.98E-02	1.64E+00	1.42E+00	-1.63E+00	-45.48	-1.29E-01	-1.53E+00	
	-213.00	-2.52E-06	-1.99E-07	1.04E-06	-1.39E-04	7.25E-06	1.50E-04	6.81E-05	-7.08E-05				
65	837.00	-2.12E-01	1.06E-01	6.88E-02	-1.07E+00	4.11E-01	1.51E+00	1.03E+00	-1.13E+00	-49.24	1.06E-01	1.07E+00	
	-148.00	-4.63E-06	2.61E-06	1.76E-06	-4.85E-05	1.87E-05	6.85E-05	2.35E-05	-2.56E-05				
66	937.00	1.47E-01	4.38E-02	1.47E-01	-1.92E+00	-2.14E-02	1.98E+00	2.02E+00	-1.83E+00	-44.23	-1.27E+00	1.36E+00	
	-128.00	1.57E-06	-7.80E-07	1.57E-06	-8.73E-05	-9.74E-07	9.01E-05	4.41E-05	-4.33E-05				
67	1037.00	1.68E+00	2.68E-01	6.74E-01	-1.81E+00	-5.61E-01	2.01E+00	2.91E+00	-9.66E-01	-34.33	2.68E-01	1.81E+00	
	-148.00	2.44E-05	-7.66E-06	1.55E-06	-8.21E-05	-2.55E-05	9.12E-05	5.25E-05	-3.57E-05				
68	837.00	4.24E-01	3.67E-01	3.67E-01	-2.09E+00	-6.21E-02	2.34E+00	2.48E+00	-1.69E+00	-44.61	4.24E-01	-2.09E+00	
	-68.00	3.57E-06	1.40E-06	1.39E-06	-1.61E-04	-4.78E-06	1.80E-04	8.28E-05	-7.78E-05				
69	937.00	6.89E-01	5.37E-02	3.68E-01	-1.02E+00	-1.43E-01	9.98E-01	1.44E+00	-7.01E-01	-36.38	5.37E-02	1.02E+00	
	-88.00	1.43E-05	-1.01E-05	1.94E-06	-7.88E-05	-1.10E-05	7.68E-05	4.33E-05	-3.91E-05				
70	1037.00	2.02E-01	-1.29E-01	9.28E-02	-1.75E+00	-5.01E-02	1.86E+00	1.80E+00	-1.73E+00	-42.31	-1.29E+00	1.16E+00	
	-68.00	5.93E-06	-6.77E-06	1.75E-06	-1.35E-04	-3.85E-06	1.43E-04	6.73E-05	-6.82E-05				
71	862.00	4.43E-01	2.69E-01	3.55E-01	-8.55E-01	-1.04E-01	9.42E-01	1.22E+00	-5.04E-01	-42.09	4.43E-01	-8.55E-01	
	-18.00	5.32E-06	-1.39E-06	1.94E-06	-6.58E-05	-7.98E-06	7.25E-05	3.50E-05	-3.11E-05				
72	1012.00	1.95E-03	-1.20E-01	1.70E-02	-9.52E-01	-8.27E-03	9.57E-01	8.95E-01	-1.01E+00	-43.17	1.95E-03	-9.52E-01	
	-18.00	1.19E-06	-3.51E-06	1.77E-06	-7.32E-05	-6.36E-07	7.36E-05	3.55E-05	-3.79E-05				
73	1387.00	-1.61E-01	-1.50E-01	-1.11E-01	-1.18E+00	1.18E-02	1.33E+00	1.03E+00	-1.34E+00	-45.14	-1.61E-01	-1.18E+00	
	-303.00	-1.84E-06	-1.32E-06	4.16E-07	-1.08E-04	1.07E-06	1.21E-04	5.22E-05	-5.54E-05				
74	1387.00	2.17E-02	9.56E-02	7.59E-02	-1.23E+00	-2.88E-04	1.27E+00	1.25E+00	-1.18E+00	-45.86	2.17E-02	-1.23E+00	
	-213.00	-1.52E-06	1.83E-06	9.42E-07	-1.12E-04	-2.62E-08	1.16E-04	5.62E-05	-5.59E-05				
75	1387.00	3.83E-02	-2.77E-04	7.19E-02	-9.02E-01	-4.78E-02	9.06E-01	9.21E-01	-8.83E-01	-44.39	3.83E-02	-9.02E-01	
	-138.00	2.94E-07	-5.83E-07	1.06E-06	-4.10E-05	-2.17E-06	4.12E-05	2.04E-05	-2.07E-05				
76	1187.00	2.09E-01	1.62E-01	2.04E-01	-1.48E+00	-8.27E-02	1.48E+00	1.67E+00	-1.30E+00	-44.54	2.09E-01	-1.48E+00	
	-68.00	1.73E-06	-9.69E-08	1.53E-06	-1.14E-04	-6.36E-06	1.14E-04	5.79E-05	-5.63E-05				
77	1387.00	3.08E-01	2.39E-01	2.49E-01	-6.23E-01	-8.14E-02	6.37E-01	8.97E-01	-3.50E-01	-43.42	2.39E-01	6.23E-01	
	-88.00	3.10E-06	4.50E-07	8.20E-07	-4.79E-05	-6.26E-06	4.90E-05	2.58E-05	-2.22E-05				
78	1587.00	2.62E-01	2.00E-01	2.11E-01	-8.96E-01	-6.28E-02	7.38E-01	1.13E+00	-6.66E-01	-44.01	-1.42E-01	8.15E-01	
	-68.00	2.68E-06	3.00E-07	7.16E-07	-6.89E-05	-4.83E-06	5.68E-05	3.60E-05	-3.30E-05				
79	1237.00	4.86E-01	1.96E-01	3.17E-01	-7.27E-01	-1.56E-01	6.72E-01	1.08E+00	-4.01E-01	-39.35	4.86E-01	-7.27E-01	
	-18.00	7.72E-06	-3.45E-06	1.21E-06	-5.59E-05	-1.20E-05	5.17E-05	3.07E-05	-2.64E-05				
80	1437.00	3.00E-01	1.94E-03	1.51E-01	-8.61E-01	-1.41E-01	5.45E-01	1.02E+00	-7.23E-01	-40.10	3.00E-01	-8.61E-01	

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	-8.00	6.58E-06	-4.80E-06	8.25E-07	-6.62E-05	-1.09E-05	4.19E-05	3.44E-05	-3.28E-05				
81	1533.80	5.11E-01	8.40E-02	2.56E-01	-4.50E-01	-1.62E-01	3.43E-01	7.95E-01	-2.00E-01	-32.34	8.48E-02	4.50E-01	
	-28.00	1.03E-05	-6.09E-06	4.90E-07	-3.46E-05	-1.25E-05	2.64E-05	2.12E-05	-1.71E-05				
82	1633.80	6.28E-01	2.48E-01	2.67E-01	-2.14E-01	-1.16E-01	1.50E-01	7.25E-01	1.52E-01	-24.17	1.54E-01	3.56E-02	
	-8.00	1.05E-05	-4.14E-06	4.50E-07	-1.65E-05	-8.94E-06	1.15E-05	1.42E-05	-7.83E-06				
83	1433.80	1.95E+00	8.25E-01	1.12E+00	-5.14E-01	-5.12E-01	3.51E-01	2.15E+00	6.26E-01	-21.16	8.25E-01	5.14E-01	
	27.60	3.23E-05	-1.11E-05	2.83E-07	-3.95E-05	-3.94E-05	2.70E-05	3.99E-05	-1.88E-05				
84	1296.10	7.16E-01	9.14E-02	3.42E-01	-5.50E-01	-2.14E-01	3.05E-01	1.04E+00	-2.29E-01	-30.21	4.32E-01	6.32E-01	
	40.70	1.49E-05	-9.12E-06	5.32E-07	-4.23E-05	-1.65E-05	2.35E-05	2.72E-05	-2.14E-05				
85	1148.60	3.51E-01	-1.59E-01	1.34E-01	-8.46E-01	-2.79E-01	6.15E-01	9.80E-01	-7.88E-01	-36.61	-6.50E-01	-4.74E-01	
	57.33	9.93E-06	-9.71E-06	1.58E-06	-6.51E-05	-2.15E-05	4.73E-05	3.41E-05	-3.39E-05				
86	1131.40	2.45E+00	1.26E+00	1.48E+00	-2.73E-01	-8.21E-01	1.55E-01	2.51E+00	1.20E+00	-12.35	1.26E+00	2.73E-01	
	112.00	3.72E-05	-8.42E-06	-2.95E-07	-2.10E-05	-6.32E-05	1.19E-05	3.95E-05	-1.07E-05				
87	1010.80	6.68E-01	2.96E-01	4.50E-01	-7.69E-01	-1.97E-01	1.02E+00	1.27E+00	-3.09E-01	-38.21	2.96E-01	7.69E-01	
	34.67	1.01E-05	-4.14E-06	1.77E-06	-5.91E-05	-1.52E-05	7.82E-05	3.34E-05	-2.74E-05				
88	886.60	4.31E-01	1.63E-01	3.22E-01	-6.81E-01	-1.09E-01	7.98E-01	9.92E-01	-3.97E-01	-39.43	4.31E-01	-6.81E-01	
	46.00	6.52E-06	-3.80E-06	2.31E-06	-5.24E-05	-8.41E-06	6.14E-05	2.81E-05	-2.53E-05				
89	869.80	1.69E+00	8.01E-01	1.10E+00	-4.00E-01	-3.03E-01	5.56E-01	1.84E+00	6.47E-01	-21.08	8.01E-01	4.00E-01	
	96.00	2.54E-05	-8.61E-06	2.92E-06	-3.08E-05	-2.33E-05	4.28E-05	3.13E-05	-1.45E-05				
90	952.60	3.92E-01	-7.67E-01	-5.29E-02	-9.65E-01	-2.73E-01	7.13E-01	9.38E-01	-1.31E+00	-29.49	-1.08E+00	6.79E-01	
	128.00	1.98E-05	-2.48E-05	2.67E-06	-7.42E-05	-2.10E-05	5.48E-05	4.08E-05	-4.58E-05				
91	869.80	4.86E-01	-2.95E-02	2.79E-01	-5.00E-01	-2.21E-01	3.70E-01	7.91E-01	-3.34E-01	-31.35	4.86E-01	-5.00E-01	
	160.00	1.06E-05	-9.22E-06	2.64E-06	-3.84E-05	-1.70E-05	2.84E-05	2.23E-05	-2.09E-05				
92	869.80	2.35E+00	8.50E-01	1.34E+00	-2.37E-01	-6.72E-01	2.86E-01	2.39E+00	8.14E-01	-8.77	8.50E-01	2.37E-01	
	203.60	4.05E-05	-1.72E-05	1.70E-06	-1.82E-05	-5.17E-05	2.20E-05	4.19E-05	-1.86E-05				
93	598.67	-1.37E-01	3.44E-02	1.29E-01	-1.40E+00	-3.73E-01	1.50E+00	1.35E+00	-1.45E+00	-46.76	3.44E-02	1.40E+00	
	16.00	-5.56E-06	1.03E-06	4.68E-06	-1.07E-04	-2.87E-05	1.15E-04	5.15E-05	-5.61E-05				
94	645.75	2.80E-01	1.51E-01	3.24E-01	-8.91E-01	-1.88E-01	8.15E-01	1.11E+00	-6.78E-01	-42.93	2.80E-01	-8.91E-01	
	24.00	2.47E-06	-2.49E-06	4.17E-06	-6.85E-05	-1.44E-05	6.27E-05	3.43E-05	-3.44E-05				
95	613.10	1.99E-01	2.77E-01	3.52E-01	-1.54E+00	-6.20E-02	7.89E-01	1.77E+00	-1.30E+00	-45.73	1.99E-01	-1.54E+00	
	69.33	-1.48E-06	1.55E-06	4.44E-06	-1.18E-04	-4.77E-06	6.07E-05	5.91E-05	-5.90E-05				
96	708.45	5.01E-01	1.14E-01	3.57E-01	-7.01E-01	-1.81E-01	7.20E-01	1.04E+00	-4.20E-01	-37.29	5.54E-01	6.85E-01	
	55.00	8.59E-06	-6.30E-06	3.05E-06	-5.40E-05	-1.39E-05	5.54E-05	2.91E-05	-2.66E-05				
97	613.10	1.29E+00	6.79E-01	9.01E-01	-5.02E-01	-2.18E-01	3.79E-01	1.57E+00	3.95E-01	-29.41	6.78E-01	5.02E-01	
	96.00	1.80E-05	-5.40E-06	3.17E-06	-3.86E-05	-1.68E-05	2.92E-05	2.89E-05	-1.63E-05				
98	682.27	4.47E-01	1.05E-01	3.24E-01	-1.03E+00	-6.34E-02	9.25E-01	1.32E+00	-7.70E-01	-40.28	-6.33E-01	5.17E-01	
	112.00	7.57E-06	-5.61E-06	2.85E-06	-7.93E-05	-4.87E-06	7.11E-05	4.12E-05	-3.92E-05				
99	751.43	1.59E+00	-2.65E-01	6.27E-01	-1.07E+00	-5.59E-01	1.42E+00	2.07E+00	-7.54E-01	-24.57	-2.65E-01	1.07E+00	
	96.00	3.96E-05	-3.16E-05	2.71E-06	-8.23E-05	-4.30E-05	1.09E-04	5.84E-05	-5.04E-05				
100	683.25	4.95E-01	1.88E-01	3.61E-01	-3.62E-01	-3.89E-02	3.93E-01	7.35E-01	-5.12E-02	-33.51	4.95E-01	-3.62E-01	
	152.00	7.58E-06	-4.23E-06	2.39E-06	-2.78E-05	-2.99E-06	3.02E-05	1.68E-05	-1.34E-05				
101	648.67	2.16E+00	1.14E+00	1.46E+00	-2.87E-01	-9.97E-02	3.91E-01	2.23E+00	1.07E+00	-14.74	1.14E+00	2.87E-01	
	192.00	3.07E-05	-8.34E-06	3.73E-06	-2.21E-05	-7.67E-06	3.01E-05	3.37E-05	-1.12E-05				
102	725.25	3.90E-01	-1.14E-01	1.82E-01	-3.66E-01	-8.16E-03	2.25E-01	5.83E-01	-3.07E-01	-27.72	1.17E-01	4.44E-01	
	232.70	9.98E-06	-9.43E-06	1.97E-06	-2.82E-05	-6.27E-07	1.73E-05	1.74E-05	-1.68E-05				
103	635.50	2.17E-01	9.03E-02	1.43E-01	-7.25E-02	5.95E-03	2.43E-01	2.50E-01	5.73E-02	-24.44	2.17E-01	-7.25E-02	
	256.00	3.40E-06	-1.47E-06	5.43E-07	-5.57E-06	4.59E-07	1.87E-05	4.66E-06	-2.74E-06				
104	635.50	9.19E-01	5.88E-01	6.59E-01	-3.60E-02	3.03E-02	2.01E-02	9.23E-01	5.84E-01	-6.13	5.88E-01	3.60E-02	
	290.67	1.16E-05	-1.20E-06	1.54E-06	-2.77E-06	2.33E-06	1.54E-06	1.17E-05	-1.35E-06				
105	569.00	-4.15E-02	7.39E-02	2.46E-01	-1.46E+00	-3.60E-01	1.31E+00	1.48E+00	-1.44E+00	-46.13	-4.15E-02	-1.46E+00	
	16.50	-4.66E-06	-2.24E-07	6.42E-06	-1.12E-04	-2.77E-05	1.01E-04	5.37E-05	-5.86E-05				
106	508.50	-2.35E+00	-1.53E+00	-1.26E+00	-9.58E-01	-7.78E-01	4.40E-01	-8.94E-01	-2.98E+00	-56.63	-1.53E+00	9.58E-01	
	13.00	-3.39E-05	-2.24E-06	7.94E-06	-7.37E-05	-5.98E-05	3.39E-05	2.20E-05	-5.82E-05				
107	521.00	-6.46E-01	-3.57E-01	-5.54E-02	-1.37E+00	-3.12E-01	7.81E-01	8.80E-01	-1.88E+00	-48.00	-6.46E-01	-1.37E+00	
	15.75	-1.32E-05	-2.09E-06	9.50E-06	-1.06E-04	-2.40E-05	6.01E-05	4.55E-05	-6.08E-05				
108	526.25	-5.36E-01	-2.78E-01	-1.19E-02	-1.53E+00	-2.54E-01	8.01E-01	1.13E+00	-1.94E+00	-47.41	-5.36E-01	-1.53E+00	
	21.00	-1.15E-05	-1.62E-06	8.62E-06	-1.18E-04	-1.95E-05	6.16E-05	5.24E-05	-6.55E-05				
109	515.50	-1.41E+00	-9.01E-01	-6.91E-01	-1.84E+00	-4.59E-01	4.48E-01	6.99E-01	-3.01E+00	-48.94	-9.01E-01	1.84E+00	
	26.00	-2.12E-05	-1.67E-06	6.41E-06	-1.41E-04	-3.53E-05	3.44E-05	5.99E-05	-8.28E-05				
110	531.50	-1.25E-01	-1.10E-01	1.50E-01	-1.24E+00	-1.66E-01	6.59E-01	1.12E+00	-1.36E+00	-45.17	-1.25E-01	-1.24E+00	
	34.50	-3.98E-06	-3.30E-06	6.71E-06	-9.54E-05	-1.28E-05	5.07E-05	4.41E-05	-5.13E-05				
111	515.50	9.27E-01	1.35E+00	1.18E+00	-3.60E+00	-1.10E-01	8.26E-01	4.74E+00	-2.47E+00	-46.66	9.27E-01	-3.60E+00	
	44.0[illegible]	[illegible].27E-06	1.38E-05	7.40E-06	-2.77E-04	-8.44E-06	[illegible]E-05	1.44E-04	-1.33E-04				
112	51[illegible]	[illegible].03E-01	4.07E-01	5.96E-01	-8.36E-01	-1.61E-01	[illegible]F-01	1.35E+00	-3.37E-01	-41.66	4.07E-01	6.[illegible]	

	53.3	7.53E-06	-2.00E-06	5.29E-06	-6.43E-05	-1.24E-05	[illegible]E-05	3.41E-05	-3.06E-05				
113	547.50	7.45E-01	6.55E-03	4.42E-01	-1.33E+00	-1.62E-01	[illegible]E-01	1.75E+00	-1.00E+00	-37.22	-4.04E-01	1.13E[illegible]	
	64.00	1.51E-05	-1.33E-05	4.98E-06	-1.02E-04	-1.25E-05	5.75E-05	5.38E-05	-5.20E-05				
114	515.50	1.20E+00	1.21E+00	1.16E+00	-1.50E+00	-6.21E-02	7.19E-01	2.76E+00	-2.45E-01	-46.06	-1.20E+00	-1.50E+00	
	74.67	5.73E-06	1.01E-05	4.34E-06	-1.15E-04	-6.32E-06	5.53E-05	6.57E-05	-4.98E-05				
115	515.50	2.43E+00	1.56E+00	1.75E+00	-5.34E-01	-2.00E-01	3.22E-01	2.69E+00	1.31E+00	-25.36	1.56E+00	5.34E-01	
	88.00	3.05E-05	-3.08E-06	4.11E-06	-4.11E-05	-1.54E-05	2.47E-05	4.03E-05	-1.28E-05				
116	547.50	1.40E+00	1.53E-01	7.63E-01	-1.63E+00	-1.93E-01	9.23E-01	2.52E+00	-9.64E-01	-34.50	-5.39E-01	1.14E+00	
	104.00	2.84E-05	-1.96E-05	3.87E-06	-1.25E-04	-1.48E-05	7.10E-05	7.14E-05	-6.26E-05				
117	515.50	5.68E-01	4.91E-01	4.94E-01	-1.17E+00	-3.56E-03	8.20E-01	1.70E+00	-6.37E-01	-44.05	5.68E-01	-1.17E+00	
	120.00	4.79E-06	1.80E-06	1.94E-06	-8.96E-05	-3.04E-07	6.31E-05	4.81E-05	-4.16E-05				
118	515.50	1.93E+00	1.22E+00	1.34E+00	-4.54E-01	-2.11E-02	2.76E-01	2.15E+00	9.98E-01	-25.88	1.22E+00	4.54E-01	
	136.00	2.50E-05	-2.52E-06	2.23E-06	-3.49E-05	-1.63E-06	2.12E-05	3.34E-05	-1.10E-05				
119	547.50	1.16E+00	1.83E-01	6.13E-01	-1.16E+00	-7.95E-02	6.76E-01	1.93E+00	-5.86E-01	-33.58	-3.05E-01	7.93E-01	
	152.00	2.31E-05	-1.45E-05	2.10E-06	-8.91E-05	-6.11E-06	5.20E-05	5.27E-05	-4.40E-05				
120	515.50	5.32E-01	3.17E-01	3.34E-01	-8.02E-01	6.59E-02	8.02E-01	1.23E+00	-3.85E-01	-41.19	5.32E-01	-8.02E-01	
	168.00	7.45E-06	-8.06E-07	-1.42E-07	-6.17E-05	5.07E-06	6.17E-05	3.45E-05	-2.78E-05				
121	515.50	2.34E+00	1.48E+00	1.57E+00	-3.73E-01	1.36E-01	2.12E-01	2.48E+00	1.34E+00	-20.52	1.48E+00	3.73E-01	
	184.00	3.06E-05	-2.34E-06	1.31E-06	-2.87E-05	1.05E-05	1.63E-05	3.60E-05	-7.72E-06				
122	547.50	8.44E-01	-3.00E-01	2.62E-01	-1.27E+00	2.18E-02	7.25E-01	1.67E+00	-1.12E+00	-32.90	-8.32E-01	8.54E-01	
	200.00	2.36E-05	-2.04E-05	1.23E-06	-9.79E-05	1.67E-06	5.58E-05	5.53E-05	-5.21E-05				
123	515.50	-3.40E-01	-6.63E-01	-6.73E-01	-6.03E-01	2.13E-01	1.03E+00	1.22E-01	-1.13E+00	-37.49	-3.40E-01	-6.03E-01	
	216.00	3.15E-06	-9.28E-06	-1.99E-06	-4.64E-05	1.64E-05	7.95E-05	2.09E-05	-2.71E-05				
124	515.50	8.55E-01	5.35E-01	5.80E-01	-1.78E-01	5.35E-01	1.38E-01	9.35E-01	4.55E-01	-24.02	5.35E-01	1.78E-01	
	232.00	1.12E-05	-1.09E-06	6.70E-07	-1.37E-05	4.11E-05	1.06E-05	1.43E-05	-4.14E-06				
125	547.50	7.31E-01	5.99E-01	5.55E-01	-3.22E-01	2.46E-01	-1.80E-01	9.93E-01	3.36E-01	-39.20	4.55E-01	2.53E-01	
	248.00	7.40E-06	2.32E-06	6.30E-07	-2.47E-05	1.89E-05	-1.39E-05	1.75E-05	-7.77E-06				
126	515.50	-3.55E-01	-6.47E-01	-6.98E-01	-2.15E-02	2.31E-01	8.10E-01	-3.53E-01	-6.49E-01	-4.19	-3.55E-01	-2.15E-02	
	264.00	2.84E-06	-8.40E-06	-2.67E-06	-1.66E-06	1.79E-05	6.23E-05	2.90E-06	-8.46E-06				
127	515.50	6.84E-01	4.55E-01	4.72E-01	-1.10E-01	5.83E-01	6.66E-02	7.28E-01	4.11E-01	-21.96	4.55E-01	1.10E-01	
	276.00	8.59E-06	-1.97E-07	4.60E-07	-8.46E-06	4.48E-05	5.13E-06	1.03E-05	-1.9CE-06				
128	531.50	1.82E-02	-4.28E-02	-5.90E-02	-6.11E-02	2.08E-01	3.56E-02	5.60E-02	-8.06E-02	-31.73	1.82E-02	-6.11E-02	
	297.00	1.62E-06	-7.28E-07	-1.35E-06	-4.70E-06	1.60E-05	2.74E-06	3.07E-06	-2.18E-06				
129	515.50	-7.59E-01	-9.92E-01	-8.05E-01	8.31E-02	2.34E-01	6.52E-01	-7.33E-01	-1.02E+00	17.75	-7.59E-01	8.31E-02	
	320.00	-1.11E-06	-1.01E-05	-2.87E-06	6.39E-06	1.80E-05	5.01E-05	-8.70E-08	-1.13E-05				
183	565.50	9.30E-03	-8.56E-02	2.55E-01	-2.17E+00	-4.75E-01	1.83E+00	2.13E+00	-2.21E+00	-44.37	9.30E-03	-2.17E+00	
	-8.00	-1.61E-06	-5.26E-06	7.95E-06	-1.67E-04	-3.65E-05	1.41E-04	8.01E-05	-8.69E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2094E+02	.1318E+03	-.4724E+02	-.2896E+02	-.7711E+02	.5000E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3257E+01	-.1485E+01	-.7906E+00	-.2204E+02	.2018E+02	.2296E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2053E+01	.4597E+00	-.3544E+00	-.3399E+02	.4545E+02	.4123E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.3941E+01	-.8967E+00	-.1075E+00	-.4709E+02	.7047E+02	.6000E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.3598E+01	.5442E+00	-.9169E-01	-.5032E+02	.9517E+02	.8025E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.3622E+00	.5161E+00	-.2468E+00	-.7996E+02	.1202E+03	.1035E+03
25	-.1068E+02	-.1725E+01	-.7558E-01	-.1001E+03	.1325E+03	.1255E+03
26	.4506E+01	.4334E+00	-.8918E-02	-.1084E+03	.1397E+03	.1416E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.5179E+02	.1004E+02	-.1742E+01	-.1108E+03	.1901E+03	.1543E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.9155E+03	-.1568E+03	.4855E+01	-.1525E+03	.5000E+03	.2393E+03
40	-.6194E+03	-.9551E+02	-.2775E+01	-.1431E+03	.4941E+03	.2207E+03
41	-.3877E+03	-.5025E+02	-.8677E+01	-.1240E+03	.4483E+03	.1931E+03
42	-.8991E+02	-.5404E+01	-.7563E+01	-.1100E+03	.3196E+03	.1690E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.8411E+03	.1072E+03	.4952E+01	-.2101E+02	.5196E+03	-.1014E+03
48	.7229E+03	.9323E+02	.5255E+01	-.5450E+02	.4807E+03	-.7459E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1353E+04	.2073E+03	.6056E+01	.8492E+01	.3546E+03	-.3562E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3414E+01	-.8807E+01	.6636E+00	-.1211E+02	.5135E+03	-.9351E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.9265E+03	.1414E+03	.6055E+01	-.9552E+01	.2908E+03	-.3398E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.6504E+03	.9992E+02	.8209E+01	-.8155E+01	.2787E+03	-.3310E+03
66	.2231E+03	.3555E+02	.1040E+02	-.6187E+01	.2467E+03	-.3445E+03
67	-.4444E+03	-.6476E+02	.1041E+02	-.7741E+01	.2155E+03	-.3450E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.7935E+03	-.1171E+03	.8915E+01	-.4152E+02	.1950E+03	-.3230E+03
76	.8312E+02	.1411E+02	.6152E+01	-.5280E+02	.1613E+03	-.3209E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	-.3306E+03	-.4938E+02	.4487E+01	-.6[illegible]2	.1153E+03	-.3123E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1386E+03	.2174E+02	.3292E+01	-.8074E+02	.8558E+02	-.2991E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1923E+03	-.2831E+02	.2902E+01	-.6783E+02	.4558E+02	-.2796E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1282E+03	.1952E+02	.2454E+01	-.6414E+02	.1994E+02	-.2574E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1460E+03	-.2194E+02	.2546E+01	-.6252E+02	-.1344E+02	-.2301E+03
109	.8431E+02	.1237E+02	.2196E+01	-.6384E+02	-.3824E+02	-.2003E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1205E+03	-.1863E+02	.2206E+01	-.4151E+02	-.6318E+02	-.1620E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.6299E+02	-.1017E+02	.6393E+00	-.2695E+02	-.7858E+02	-.1242E+03
115	-.8650E+01	-.2080E+01	.3034E+00	-.1705E+02	-.8055E+02	-.8663E+02
116	-.2854E+02	-.5242E+01	.3070E+00	-.6988E+01	-.9080E+02	-.5772E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.3277E+02	-.5960E+01	.1595E-01	-.1710E+02	-.9726E+02	-.5788E+02
119	-.7717E+01	-.2193E+01	.3486E-01	.1075E+02	-.9224E+02	-.2494E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.7196E+02	-.1091E+02	-.4277E+01	.1602E+02	-.9171E+02	-.7409E+01
122	-.6080E+02	-.7480E+01	-.9083E+01	-.2196E+01	-.9049E+02	-.1513E+02
123	-.4766E+02	-.5408E+01	-.8186E+01	-.1391E+01	-.8023E+02	-.1399E+02
124	-.3630E+02	-.3900E+01	-.5651E+01	-.8311E+00	-.6709E+02	-.1307E+02
125	-.2584E+02	-.2498E+01	-.4164E+01	-.3640E+00	-.5651E+02	-.1218E+02
126	-.1183E+02	-.1100E+00	-.3908E+01	.2122E+00	-.4919E+02	-.1123E+02
127	-.1159E+01	.1757E+01	-.4057E+01	.6127E+00	-.4369E+02	-.9938E+01
128	.1069E+02	.3545E+01	-.4128E+01	.1598E+01	-.3169E+02	-.8435E+01
129	.1224E+02	.3312E+01	-.3761E+01	.2064E+01	-.2124E+02	-.6965E+01
130	.9244E+01	.2179E+01	-.3079E+01	.2148E+01	-.1282E+02	-.5725E+01
131	.2809E+01	.4489E+00	-.2392E+01	.1928E+01	-.7074E+01	-.4743E+01
132	-.1958E+00	-.1775E+00	-.1821E+01	.1339E+01	-.5878E+01	-.3921E+01
133	-.4809E+00	-.1638E+00	-.1619E+01	.9571E+00	-.5420E+01	-.3203E+01
134	-.1406E+00	-.5909E-01	-.1581E+01	.7383E+00	-.4336E+01	-.2497E+01
135	-.2165E-01	-.1481E-01	-.1770E+01	.5614E+00	-.3078E+01	-.1844E+01
136	-.6126E-02	-.1555E-01	-.2347E+01	.3958E+00	-.2022E+01	-.1237E+01
137	.2632E-01	.7837E-02	-.3620E+01	.2993E+00	-.9256E+00	-.6805E+00
138	-.4642E-02	-.6344E-01	-.5361E+02	.2342E+00	.2554E+00	-.3505E+00
139	-.4771E-01	-.7735E-01	-.5796E+00	.3377E-01	-.1391E+00	.1466E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.21666E-01	.12934E-03	-.21782E-01	.00000E+00
3	.39728E-01	.43795E-03	-.39729E-01	.00000E+00
4	.43152E-01	.43669E-03	-.43027E-01	.00000E+00

5	.46667E-01	.11331E-05	-.46686E-01	.00000E+00
6	.53040E-01	-.33532E-05	-.53031E-01	.11547E-04
7	.49515E-01	.92294E-03	-.49223E-01	.00000E+00
8	.53204E-01	.72427E-03	-.53408E-01	.25644E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.21596E-01	.25288E-03	-.21864E-01	.00000E+00
11	.40054E-01	.56579E-03	-.40760E-01	.00000E+00
12	.44713E-01	.67367E-03	-.45553E-01	.00000E+00
13	.46524E-01	.54712E-03	-.48999E-01	.00000E+00
14	.53533E-01	.77164E-03	-.54406E-01	.59736E-05
15	.40196E-01	.13459E-02	-.51733E-01	.00000E+00
16	.54025E-01	.12379E-02	-.56043E-01	-.14267E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.21836E-01	.37022E-03	-.22956E-01	.00000E+00
19	.40881E-01	.77381E-03	-.43156E-01	.00000E+00
20	.45764E-01	.98501E-03	-.48448E-01	.00000E+00
21	.49749E-01	.70626E-03	-.52239E-01	.00000E+00
22	.54697E-01	.90436E-03	-.58323E-01	.22823E-05
23	.51143E-01	.20553E-02	-.56909E-01	.00000E+00
24	.55535E-01	.18433E-02	-.61306E-01	.19358E-04
25	.56116E-01	.23257E-02	-.63214E-01	.64075E-06
26	.56455E-01	.22397E-02	-.64337E-01	-.48098E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.21903E-01	.71143E-03	-.24047E-01	.00000E+00
29	.41883E-01	.14518E-02	-.45796E-01	.00000E+00
30	.46889E-01	.17206E-02	-.51985E-01	.00000E+00
31	.51600E-01	.21070E-02	-.58005E-01	.00000E+00
32	.56813E-01	.25391E-02	-.65578E-01	.52064E-04
33	.51472E-01	.30455E-02	-.58164E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.21755E-01	.10270E-02	-.24204E-01	.00000E+00
36	.42231E-01	.17925E-02	-.46583E-01	.00000E+00
37	.47441E-01	.20316E-02	-.51999E-01	.00000E+00
38	.53041E-01	.26121E-02	-.60376E-01	.00000E+00
39	.57499E-01	.35521E-02	-.67724E-01	-.30939E-04
40	.57376E-01	.37017E-02	-.67227E-01	.17407E-05
41	.57267E-01	.35535E-02	-.66762E-01	.23621E-04
42	.57082E-01	.31419E-02	-.66234E-01	.43950E-04
43	.47002E-01	.25505E-02	-.51709E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.20391E-01	-.11389E-03	-.22649E-01	.00000E+00
46	.42171E-01	.15379E-02	-.45541E-01	.00000E+00
47	.57544E-01	.32934E-02	-.67920E-01	-.29678E-04
48	.57527E-01	.34214E-02	-.67888E-01	-.44076E-04
49	.52981E-01	.26906E-02	-.59909E-01	.00000E+00
50	.58067E-01	.34282E-02	-.68141E-01	-.12941E-03
51	.53454E-01	.29048E-02	-.59111E-01	.00000E+00
52	.60002E-01	.30114E-02	-.64742E-01	.00000E+00
53	.57589E-01	.31084E-02	-.68037E-01	-.83151E-05
54	.46808E-01	.15985E-02	-.48712E-01	.00000E+00
55	.52595E-01	.24224E-02	-.53978E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.17590E-01	.18957E-02	-.17418E-01	.00000E+00
58	.37889E-01	.12382E-02	-.33693E-01	.00000E+00
59	.61175E-01	.23618E-02	-.62217E-01	.00000E+00
60	.60111E-01	.29944E-02	-.63183E-01	.00000E+00
61	.58567E-01	.34376E-02	-.68309E-01	-.19941E-03
62	.44533E-01	.88592E-03	-.40688E-01	.00000E+00
63	.51294E-01	.86161E-03	-.48260E-01	.00000E+00
64	.61244E-01	.29383E-02	-.65618E-01	.00000E+00
65	.59242E-01	.34471E-02	-.68467E-01	-.24780E-03
66	.60915E-01	.34532E-02	-.69783E-01	-.30116E-03
67	.62721E-01	.34747E-02	-.69128E-01	.28735E-03
	.00000E+00	.00000E+00	.00000E+00	.00000E+00

	.13905E-01	-.24532E-03	-.11084E-01	.00000E+00
	.40222E-01	.31112E-03	-.35652E-01	.00000E+00
71	.59699E-01	.92452E-03	-.55893E-01	.00000E+00
72	.62912E-01	.25463E-02	-.65527E-01	.00000E+00
73	.49606E-01	.50515E-03	-.42157E-01	.00000E+00
74	.64773E-01	.29507E-02	-.68706E-01	.00000E+00
75	.64259E-01	.34864E-02	-.69431E-01	-.21898E-03
76	.66332E-01	.35523E-02	-.69982E-01	-.15345E-03
77	.57064E-01	.29321E-03	-.49836E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.16655E-01	.52198E-03	-.15245E-01	.00000E+00
80	.38550E-01	-.30507E-03	-.32977E-01	.00000E+00
81	.42748E-01	-.29541E-03	-.36321E-01	.00000E+00
82	.47742E-01	-.43344E-03	-.42073E-01	.00000E+00
83	.66653E-01	.10019E-02	-.62104E-01	.00000E+00
84	.63010E-01	.23665E-03	-.55945E-01	.00000E+00
85	.68678E-01	.36045E-02	-.70697E-01	-.12277E-03
86	.69211E-01	.30384E-02	-.70370E-01	.00000E+00
87	.57672E-01	.72316E-04	-.48929E-01	.00000E+00
88	.69348E-01	.24906E-02	-.67088E-01	.00000E+00
89	.70299E-01	.37081E-02	-.71376E-01	-.99067E-04
90	.45128E-01	-.20171E-03	-.32315E-01	.00000E+00
91	.48314E-01	-.36566E-03	-.34744E-01	.00000E+00
92	.51770E-01	.46560E-03	-.36698E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.19751E-01	.00000E+00	-.14413E-01	.00000E+00
95	.36123E-01	.00000E+00	-.25657E-01	.00000E+00
96	.41232E-01	.00000E+00	-.29003E-01	.00000E+00
97	.43144E-01	.00000E+00	-.29366E-01	.00000E+00
98	.42544E-01	.00000E+00	-.28875E-01	.00000E+00
99	.46173E-01	.27382E-03	-.31039E-01	.00000E+00
100	.56388E-01	.63117E-03	-.40927E-01	.00000E+00
101	.67211E-01	.16120E-02	-.56898E-01	.00000E+00
102	.72801E-01	.38239E-02	-.72363E-01	-.88840E-04
103	.69967E-01	.16497E-02	-.64633E-01	.00000E+00
104	.73744E-01	.35050E-02	-.72825E-01	.00000E+00
105	.74551E-01	.39077E-02	-.73198E-01	-.76640E-04
106	.73092E-01	.19279E-02	-.69281E-01	.00000E+00
107	.76644E-01	.37719E-02	-.74300E-01	.00000E+00
108	.76554E-01	.39908E-02	-.73991E-01	-.73264E-04
109	.78008E-01	.40550E-02	-.74612E-01	-.62106E-04
110	.77320E-01	.44245E-02	-.72698E-01	.00000E+00
111	.79851E-01	.44703E-02	-.76539E-01	.00000E+00
112	.79575E-01	.41283E-02	-.75158E-01	-.55580E-04
113	.79245E-01	.39044E-02	-.74242E-01	.00000E+00
114	.80456E-01	.41058E-02	-.75495E-01	-.21291E-04
115	.80757E-01	.41250E-02	-.75761E-01	-.68020E-05
116	.80824E-01	.40653E-02	-.75801E-01	.27186E-05
117	.80360E-01	.46113E-02	-.77565E-01	.00000E+00
118	.80747E-01	.40584E-02	-.75822E-01	.10160E-04
119	.80448E-01	.40363E-02	-.75805E-01	.19080E-04
120	.80949E-01	.44370E-02	-.77424E-01	.00000E+00
121	.79830E-01	.39519E-02	-.75650E-01	.35356E-04
122	.79758E-01	.36519E-02	-.75719E-01	.43799E-04
123	.79646E-01	.33655E-02	-.75768E-01	.50503E-04
124	.79515E-01	.30354E-02	-.75818E-01	.58291E-04
125	.79338E-01	.26527E-02	-.75867E-01	.67705E-04
126	.78984E-01	.19045E-02	-.75948E-01	.79199E-04
127	.78596E-01	.10988E-02	-.76024E-01	.81744E-04
128	.77841E-01	-.60536E-03	-.76182E-01	.68558E-04
129	.77308E-01	-.18341E-02	-.76325E-01	.46812E-04
130	.76979E-01	-.27505E-02	-.76480E-01	.20874E-04
131	.76937E-01	-.29295E-02	-.76717E-01	-.80164E-05
132	.77135E-01	-.23351E-02	-.76929E-01	-.15674E-04

133	.77312E-01	-.17113E-02	-.77115E-01	-.12090E-04
134	.77415E-01	-.12796E-02	-.77268E-01	-.83992E-05
135	.77479E-01	-.95324E-03	-.77392E-01	-.69074E-05
136	.77523E-01	-.66027E-03	-.77482E-01	-.70223E-05
137	.77549E-01	-.37188E-03	-.77537E-01	-.67700E-05
138	.77567E-01	-.58444E-04	-.77567E-01	-.75845E-05
139	.77567E-01	-.71147E-05	-.77567E-01	-.71632E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.84E-02	7.03E-02	-5.66E-03	2.65E+00	1.16E-02	-2.68E+00	2.69E+00	-2.66E+00	45.28	1.84E-02	2.65E+00
	-303.00	-2.44E-07	2.12E-06	-1.34E-06	2.41E-04	1.05E-06	-2.44E-04	1.21E-04	-1.19E-04			
2	72.00	4.40E-02	1.01E-01	-5.88E-02	2.24E+00	-8.51E-04	-2.30E+00	2.31E+00	-2.17E+00	45.36	4.40E-02	2.24E+00
	-213.00	8.86E-07	3.46E-06	-3.79E-06	2.04E-04	-7.74E-08	-2.09E-04	1.04E-04	-9.97E-05			
3	72.00	3.71E-01	1.22E-01	-1.35E-01	1.51E+00	-1.63E-01	-1.64E+00	1.76E+00	-1.27E+00	42.64	3.71E-01	1.51E+00
	-138.00	6.55E-06	8.88E-07	-4.94E-06	6.86E-05	-7.42E-06	-7.48E-05	3.81E-05	-3.07E-05			
4	24.00	1.94E+00	1.10E+00	1.41E+00	2.85E+00	-5.26E-01	-3.16E+00	4.40E+00	-1.36E+00	40.84	1.94E+00	2.85E+00
	-68.00	2.57E-05	-6.42E-06	5.19E-06	2.19E-04	-4.04E-05	-2.43E-04	1.20E-04	-1.01E-04			
5	72.00	-6.51E-01	-3.67E-01	-8.32E-01	1.26E+00	2.70E-02	-1.31E+00	7.55E-01	-1.77E+00	48.23	-3.67E-01	-1.26E+00
	-88.00	-4.72E-06	6.23E-06	-1.17E-05	9.66E-05	2.07E-06	-1.01E-04	4.94E-05	-4.79E-05			
6	120.00	-3.58E-01	-3.63E-01	-5.43E-01	2.41E+00	1.32E-01	-2.36E+00	2.05E+00	-2.77E+00	44.97	2.01E+00	-4.37E-01
	-68.00	1.26E-07	-6.38E-08	-7.00E-06	1.85E-04	1.01E-05	-1.82E-04	9.26E-05	-9.26E-05			
7	36.25	6.67E-01	2.54E-01	1.36E-01	1.39E+00	-1.81E-01	-1.33E+00	1.86E+00	-9.43E-01	40.77	6.19E-01	1.39E+00
	-19.00	1.40E-05	-1.85E-06	-6.37E-06	1.07E-04	-1.40E-05	-1.02E-04	6.01E-05	-4.79E-05			
8	108.00	-7.75E-02	-1.33E-01	-2.75E-01	1.06E+00	-1.82E-03	-1.16E+00	9.52E-01	-1.16E+00	44.25	-7.75E-02	1.06E+00
	-19.00	2.35E-06	2.23E-07	-5.23E-06	8.13E-05	-1.40E-07	-8.96E-05	4.20E-05	-3.94E-05			
9	216.00	1.37E-01	1.94E-01	8.30E-02	2.66E+00	-2.40E-02	-2.75E+00	2.82E+00	-2.49E+00	45.31	1.37E-01	2.66E+00
	-303.00	8.33E-07	3.46E-06	-1.61E-06	2.42E-04	-2.18E-06	-2.50E-04	1.23E-04	-1.19E-04			
10	216.00	1.97E-01	2.03E-01	4.57E-03	2.30E+00	-7.76E-02	-2.41E+00	2.50E+00	-2.10E+00	45.04	1.97E-01	2.30E+00
	-213.00	3.71E-06	3.98E-06	-5.06E-06	2.09E-04	-7.05E-06	-2.19E-04	1.09E-04	-1.01E-04			
11	216.00	3.42E-01	1.72E-01	-2.77E-01	1.79E+00	-2.39E-01	-1.93E+00	2.05E+00	-1.53E+00	43.64	3.42E-01	1.79E+00
	-138.00	6.52E-06	2.66E-06	-7.53E-06	8.13E-05	-1.08E-05	-8.75E-05	4.53E-05	-3.61E-05			
12	168.00	8.65E-01	8.22E-01	4.93E-01	2.77E+00	-4.29E-01	-2.88E+00	3.62E+00	-1.93E+00	44.78	8.65E-01	2.77E+00
	-68.00	9.33E-06	7.65E-06	-5.00E-06	2.13E-04	-3.30E-05	-2.22E-04	1.15E-04	-9.82E-05			
13	216.00	-8.46E-01	-3.45E-01	-9.28E-01	1.14E+00	-6.45E-02	-1.13E+00	5.68E-01	-1.76E+00	51.22	-3.45E-01	-1.14E+00
	-88.00	-9.24E-06	1.00E-05	-1.24E-05	8.73E-05	-4.96E-06	-8.67E-05	4.51E-05	-4.43E-05			
14	264.00	-6.50E-02	-3.33E-01	-5.29E-01	2.35E+00	4.08E-02	-2.40E+00	2.15E+00	-2.55E+00	43.37	2.09E+00	-5.55E-01
	-68.00	7.69E-06	-2.61E-06	-1.02E-05	1.81E-04	3.14E-06	-1.85E-04	9.30E-05	-8.79E-05			
15	180.00	2.38E-01	4.54E-02	-1.85E-01	1.22E+00	-2.88E-01	-1.16E+00	1.37E+00	-1.08E+00	42.74	2.38E-01	1.22E+00
	-19.00	8.08E-06	6.60E-07	-8.20E-06	9.39E-05	-2.22E-05	-8.92E-05	5.14E-05	-4.27E-05			
16	252.00	1.36E-01	-7.40E-02	-3.60E-01	1.00E+00	-1.14E-01	-1.22E+00	1.04E+00	-9.79E-01	42.01	1.36E-01	1.00E+00
	-19.00	8.51E-06	4.32E-07	-1.06E-05	7.72E-05	-8.76E-06	-9.38E-05	4.33E-05	-3.44E-05			
17	361.00	1.80E-01	3.07E-01	1.25E-01	2.69E+00	-1.63E-02	-2.88E+00	2.93E+00	-2.44E+00	45.68	1.80E-01	2.69E+00
	-303.00	2.30E-07	6.01E-06	-2.26E-06	2.44E-04	-1.48E-06	-2.62E-04	1.25E-04	-1.19E-04			
18	361.00	2.33E-01	2.93E-01	8.79E-03	2.42E+00	-6.86E-02	-2.59E+00	2.69E+00	-2.16E+00	45.35	2.33E-01	2.42E+00
	-213.00	3.66E-06	6.36E-06	-6.54E-06	2.20E-04	-6.23E-06	-2.35E-04	1.15E-04	-1.05E-04			
19	361.00	3.74E-01	2.29E-01	-3.72E-01	1.92E+00	-2.53E-01	-2.18E+00	2.22E+00	-1.62E+00	43.92	3.74E-01	1.92E+00
	-138.00	7.20E-06	4.00E-06	-9.67E-06	8.72E-05	-1.15E-05	-9.91E-05	4.93E-05	-3.80E-05			
20	312.00	1.51E+00	1.23E+00	7.80E-01	3.14E+00	-7.31E-01	-2.52E+00	4.51E+00	-1.77E+00	43.72	1.51E+00	3.14E+00
	-68.00	1.94E-05	8.55E-06	-9.60E-06	2.41E-04	-5.63E-05	-2.71E-04	1.35E-04	-1.07E-04			
21	360.67	-1.36E+00	-7.85E-01	-1.37E+00	1.48E+00	-7.82E-03	-1.67E+00	4.35E-01	-2.58E+00	50.52	-7.85E-01	-1.48E+00
	-88.00	-1.37E-05	8.50E-06	-1.41E-05	1.14E-04	-6.01E-07	-1.28E-04	5.54E-05	-6.06E-05			
22	409.33	7.95E-01	1.11E+00	3.10E-01	2.97E+00	-3.07E-02	-3.73E+00	3.93E+00	-2.02E+00	46.54	3.89E+00	-4.58E-01
	-68.00	6.18E-06	1.85E-05	-1.24E-05	2.29E-04	-2.36E-06	-2.87E-04	1.27E-04	-1.02E-04			
23	324.00	4.94E-01	8.80E-02	-2.63E-01	1.25E+00	-5.14E-01	-1.23E+00	1.56E+00	-9.79E-01	40.40	4.94E-01	1.25E+00
	-19.00	1.55E-05	-1.20E-07	-1.36E-05	9.64E-05	-3.95E-05	-9.46E-05	5.85E-05	-4.11E-05			
24	372.00	[illegible].14E-01	-1.74E-01	-5.08E-01	3.26E+00	-4.87E-01	-3.[illegible]6E+00	3.34E+00	-3.20E+00	42.86	3.14E-01	3.26E+00
	-9.3[illegible]	[illegible]61E-05	-2.65E-06	-1.55E-05	2.51E-04	-3.75E-05	-[illegible]-04	1.32E-04	-1.19E-04			
25	401[illegible]	[illegible].13E-01	-5.59E-02	-5.94E-01	1.07E+00	-1.76E-01	[illegible]+00	1.10E+00	-1.04E+00	42.68	-8.91E-01	5.[illegible]

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	-19	1.03E-05	3.64E-06	-1.69E-05	8.21E-05	-1.35E-05	[illegible]10E-04	4.91E-05	-3.42E-05				
26	427	1.58E+00	1.54E+00	7.05E-01	3.63E+00	-6.54E-01	[illegible]8E+00	5.19E+00	-2.07E+00	44.83	3.73E+00	2.9[illegible]	
	-9	1.89E-05	1.72E-05	-1.50E-05	2.79E-04	-5.03E-05	[illegible]5E-04	1.58E-04	-1.22E-04				
27	457.[illegible]	2.09E-01	6.56E-01	1.88E-01	2.71E+00	8.83E-03	-2.96E+00	3.04E+00	-2.38E+00	46.31	2.08E-01	2.71E+00	
	-303.00	-1.61E-06	9.66E-06	-2.51E-06	2.46E-04	8.03E-07	-2.69E-04	1.27E-04	-1.19E-04				
28	457.00	2.02E-01	3.38E-01	-5.72E-04	2.55E+00	-3.56E-02	-2.73E+00	2.82E+00	-2.28E+00	45.77	2.02E-01	2.55E+00	
	-213.00	2.17E-06	9.37E-06	-7.03E-06	2.32E-04	-3.24E-06	-2.48E-04	1.21E-04	-1.11E-04				
29	457.00	5.69E-01	3.25E-01	-2.92E-01	2.03E+00	2.41E-02	-2.21E+00	2.48E+00	-1.59E+00	43.28	5.69E-01	2.03E+00	
	-138.00	9.78E-06	4.23E-06	-9.80E-06	9.22E-05	1.09E-06	-1.01E-04	5.32E-05	-3.92E-05				
30	442.00	8.01E-01	1.85E+00	6.40E-01	3.54E+00	6.37E-02	-4.00E+00	4.91E+00	-2.26E+00	49.21	8.01E-01	3.54E+00	
	-68.00	-5.26E-06	3.50E-05	-1.15E-05	2.73E-04	4.90E-06	-3.08E-04	1.53E-04	-1.23E-04				
31	457.33	-4.16E+00	-1.84E+00	-2.76E+00	1.21E+00	1.86E+00	-2.09E+00	-1.32E+00	-4.67E+00	66.84	-1.84E+00	-1.21E+00	
	-88.00	-6.36E-05	2.55E-05	-9.97E-06	9.33E-05	1.43E-04	-1.61E-04	4.54E-05	-8.36E-05				
32	472.67	6.95E+00	6.04E+00	4.86E+00	3.04E+00	-1.18E+00	-5.02E+00	9.57E+00	3.43E+00	40.74	8.81E+00	2.03E+00	
	-68.00	7.13E-05	3.62E-05	-9.64E-06	2.34E-04	-9.09E-05	-3.86E-04	1.72E-04	-6.46E-05				
33	443.00	5.90E-01	4.54E-01	-2.03E-01	1.83E+00	-2.48E-01	-1.91E+00	2.37E+00	-1.25E+00	44.25	5.90E-01	1.83E+00	
	-19.50	1.30E-05	9.33E-06	-1.75E-05	1.41E-04	-1.91E-05	-1.47E-04	8.16E-05	-5.93E-05				
34	454.00	5.65E+00	4.40E+00	3.48E+00	4.63E+00	-1.39E+00	-6.17E+00	9.70E+00	3.50E-01	41.17	7.49E+00	3.97E+00	
	-11.33	6.85E-05	2.06E-05	-1.47E-05	3.56E-04	-1.07E-04	-4.75E-04	2.24E-04	-1.35E-04				
35	461.67	1.63E+00	2.18E+00	9.94E-01	4.39E+00	-3.61E-01	-6.41E+00	6.30E+00	-2.49E+00	46.79	1.63E+00	4.39E+00	
	-12.00	9.85E-06	3.10E-05	-1.45E-05	3.37E-04	-2.78E-05	-4.93E-04	1.89E-04	-1.49E-04				
36	469.00	-3.48E+00	-1.28E+00	-2.47E+00	4.09E-01	1.64E+00	-2.55E+00	-1.20E+00	-3.55E+00	79.80	-1.28E+00	-4.09E-01	
	-30.00	-5.43E-05	3.03E-05	-1.56E-05	3.15E-05	1.26E-04	-1.96E-04	3.31E-05	-5.72E-05				
37	476.33	2.96E+00	4.03E+00	2.20E+00	3.01E+00	-3.88E-01	-5.26E+00	6.51E+00	3.80E-01	50.46	4.09E+00	3.00E+00	
	-12.00	1.03E-05	5.50E-05	-1.54E-05	2.31E-04	-2.98E-05	-4.05E-04	1.51E-04	-8.52E-05				
38	558.50	-1.56E-01	5.10E-02	-1.07E-01	2.54E+00	7.77E-02	-2.87E+00	2.49E+00	-2.59E+00	46.17	-1.56E-01	2.54E+00	
	-303.00	-4.34E-06	5.07E-06	-2.11E-06	2.31E-04	7.06E-06	-2.61E-04	1.16E-04	-1.15E-04				
39	558.50	4.68E-02	4.42E-01	2.42E-02	2.53E+00	1.52E-01	-2.79E+00	2.79E+00	-2.30E+00	47.23	4.68E-02	2.53E+00	
	-213.00	-4.53E-06	1.34E-05	-5.56E-06	2.30E-04	1.38E-05	-2.53E-04	1.20E-04	-1.11E-04				
40	506.17	-3.44E-02	1.12E+00	-1.67E-01	5.72E+00	2.70E-01	-5.93E+00	6.29E+00	-5.20E+00	47.88	-3.44E-02	5.72E+00	
	-128.00	-5.59E-06	2.06E-05	-8.60E-06	2.60E-04	1.23E-05	-2.69E-04	1.38E-04	-1.23E-04				
41	558.50	-1.79E+00	7.10E-01	-6.70E-01	2.44E+00	1.29E+00	-3.45E+00	2.20E+00	-3.29E+00	58.55	7.10E-01	-2.44E+00	
	-148.00	-3.15E-05	2.53E-05	-6.03E-06	1.11E-04	5.86E-05	-1.57E-04	5.93E-05	-6.55E-05				
42	610.83	2.51E-01	1.19E+00	1.17E-01	4.90E+00	9.61E-01	-4.64E+00	5.65E+00	-4.21E+00	47.74	5.58E+00	-8.34E-01	
	-128.00	-2.48E-06	1.89E-05	-5.52E-06	2.23E-04	4.37E-05	-2.11E-04	1.20E-04	-1.04E-04				
43	501.38	-5.56E-01	-1.08E-01	-6.93E-01	1.31E+00	4.39E-01	-1.69E+00	9.95E-01	-1.66E+00	49.85	-5.56E-01	1.31E+00	
	-78.00	-6.47E-06	1.07E-05	-1.17E-05	1.01E-04	3.38E-05	-1.30E-04	5.32E-05	-4.89E-05				
44	534.67	7.93E-01	9.89E-01	3.93E-01	4.13E+00	2.60E-01	-5.05E+00	5.02E+00	-3.24E+00	45.68	4.98E+00	-6.20E-01	
	-68.00	6.61E-06	1.41E-05	-8.80E-06	3.18E-04	2.00E-05	-3.88E-04	1.69E-04	-1.49E-04				
45	584.67	-7.69E-01	-2.33E-01	-6.94E-01	3.93E+00	9.55E-01	-3.76E+00	3.44E+00	-4.44E+00	46.95	-7.69E-01	3.93E+00	
	-68.00	-1.09E-05	9.67E-06	-9.05E-06	3.02E-04	7.34E-05	-2.89E-04	1.51E-04	-1.52E-04				
46	610.83	-4.05E+00	-8.73E-01	-2.08E+00	2.10E+00	1.91E+00	-2.97E+00	1.71E-01	-5.09E+00	63.54	-8.73E-01	-2.10E+00	
	-88.00	-7.87E-05	4.33E-05	-3.12E-06	1.61E-04	1.47E-04	-2.28E-04	8.35E-05	-1.19E-04				
47	482.63	-1.87E-01	2.20E-01	-6.44E-01	9.65E-01	4.86E-01	-1.92E+00	1.00E+00	-9.70E-01	50.96	-1.87E-01	9.65E-01	
	-21.00	-4.84E-07	1.52E-05	-1.81E-05	7.42E-05	3.74E-05	-1.48E-04	4.53E-05	-3.06E-05				
48	485.83	1.50E+00	2.31E+00	1.00E+00	2.82E+00	6.91E-02	-5.85E+00	4.75E+00	-9.43E-01	49.08	1.87E+00	2.84E+00	
	-12.00	4.81E-06	3.59E-05	-1.43E-05	2.17E-04	5.31E-06	-4.50E-04	1.30E-04	-8.91E-05				
49	507.88	-1.07E-01	-1.03E-01	-6.82E-01	1.05E+00	2.71E-01	-2.08E+00	9.45E-01	-1.15E+00	45.06	-1.07E-01	1.05E+00	
	-21.00	5.69E-06	5.85E-06	-1.64E-05	8.08E-05	2.09E-05	-1.60E-04	4.62E-05	-3.46E-05				
50	538.67	7.19E-01	5.98E-01	1.44E-01	3.70E+00	1.30E+00	-4.44E+00	4.36E+00	-3.05E+00	44.53	4.34E+00	-4.18E-01	
	-10.00	1.16E-05	6.94E-06	-1.05E-05	2.85E-04	9.98E-05	-3.42E-04	1.52E-04	-1.33E-04				
51	484.67	-1.19E+01	-8.29E+00	-9.87E+00	-2.83E-01	8.67E-01	-6.35E-01	-8.27E+00	-1.20E+01	-85.61	-8.29E+00	2.83E-01	
	8.00	-1.40E-04	1.14E-06	-2.14E-05	-2.17E-05	6.67E-05	-4.89E-05	1.97E-06	-1.41E-04				
52	507.00	2.03E+00	3.48E+00	1.88E+00	1.93E+00	5.89E-01	1.56E+00	5.11E+00	1.20E+00	49.78	4.67E+00	1.23E+00	
	0.00	1.88E-05	4.38E-05	-1.76E-05	1.48E-04	4.53E-05	1.20E-04	1.06E-04	-4.39E-05				
53	603.00	4.50E-03	-4.53E-02	-1.85E-01	1.55E+00	6.19E-01	-1.49E+00	1.53E+00	-1.57E+00	44.54	-9.65E-01	1.22E+00	
	-18.00	2.65E-06	7.35E-07	-4.62E-06	1.19E-04	4.76E-05	-1.14E-04	6.12E-05	-5.78E-05				
54	712.00	-2.13E-01	2.10E-01	-2.35E-02	2.39E+00	2.00E-01	-2.44E+00	2.40E+00	-2.41E+00	47.52	-2.13E-01	2.39E+00	
	-303.00	-9.34E-06	9.90E-06	-7.32E-07	2.18E-04	1.82E-05	-2.23E-04	1.10E-04	-1.09E-04				
55	712.00	-1.33E+00	-6.94E-01	-8.25E-01	2.63E+00	6.31E-01	-2.41E+00	1.64E+00	-3.67E+00	48.47	-1.33E+00	2.63E+00	
	-213.00	-2.36E-05	5.52E-06	-4.42E-07	2.39E-04	5.74E-05	-2.19E-04	1.12E-04	-1.30E-04				
56	712.00	-1.73E+00	-8.76E-01	-7.27E-01	1.95E+00	1.44E+00	-1.90E+00	7.36E-01	-3.34E+00	51.05	-1.73E+00	1.99E+00	
	-138.00	-2.19E-05	-2.43E-06	9.72E-07	9.06E-05	6.53E-05	-8.66E-05	3.42E-05	-5.85E-05				
57	712.00	-5.17E-01	-3.44E-02	-1.75E-01	1.26E+00	5.79E-01	-1.42E+00	1.01E+00	-1.56E+00	50.42	-5.17E-01	1.26E+00	

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	-78.00	-1.19E-05	5.65E-06	1.26E-06	9.70E-05	4.45E-05	-1.09E-04	4.67E-05	-5.20E-05				
58	712.00	-4.41E-01	-3.99E-01	-3.60E-01	1.71E+00	5.02E-01	-1.75E+00	1.19E+00	-2.23E+00	47.02	-6.41E-01	1.71E+00	
	-18.00	-9.26E-06	1.92E-08	1.55E-06	1.32E-04	3.86E-05	-1.35E-04	6.13E-05	-7.06E-05				
59	837.00	-6.01E+00	-3.77E+00	-4.23E+00	2.01E+00	1.28E+00	-2.13E+00	-2.77E+00	-7.81E+00	63.26	-3.77E+00	-2.01E+00	
	-318.00	-1.17E-04	2.11E-05	.00E+00	1.83E-04	1.16E-04	-1.96E-04	6.65E-05	-1.63E-04				
60	887.00	-9.36E-01	-5.21E-02	-3.95E-01	5.39E+00	4.64E-01	-4.84E+00	4.92E+00	-5.90E+00	47.34	4.47E+00	-2.15E+00	
	-288.00	-2.46E-05	1.56E-05	.00E+00	4.90E-04	4.22E-05	-4.40E-04	2.41E-04	-2.50E-04				
61	987.00	1.22E+00	8.28E-01	8.21E-01	5.49E+00	-3.05E-01	-4.57E+00	6.52E+00	-4.47E+00	43.97	1.22E+00	5.49E+00	
	-288.00	1.83E-05	3.26E-07	.00E+00	4.99E-04	-2.77E-05	-4.16E-04	2.59E-04	-2.40E-04				
62	1037.00	-6.82E+00	-4.12E+00	-4.38E+00	4.03E+00	1.12E+00	-2.73E+00	-1.22E+00	-9.72E+00	54.25	-4.12E+00	-4.03E+00	
	-318.00	-1.11E-04	1.16E-05	.00E+00	3.67E-04	1.02E-04	-3.39E-04	1.44E-04	-2.43E-04				
63	962.00	-1.72E-01	-8.49E-02	2.32E-03	2.74E+00	1.23E-01	-2.51E+00	2.61E+00	-2.86E+00	45.46	-1.72E-01	2.74E+00	
	-213.00	-4.51E-06	-5.56E-07	3.41E-06	2.49E-04	1.12E-05	-2.28E-04	1.22E-04	-1.27E-04				
64	1012.00	3.28E-01	2.16E-01	3.27E-01	2.95E+00	-9.36E-02	-2.59E+00	3.22E+00	-2.68E+00	44.46	3.28E-01	2.95E+00	
	-213.00	3.59E-06	-1.50E-06	3.55E-06	2.68E-04	-8.51E-06	-2.35E-04	1.35E-04	-1.33E-04				
65	837.00	1.68E-01	-1.04E-01	3.05E-01	2.08E+00	4.40E-02	-2.57E+00	2.08E+00	-2.10E+00	42.51	-1.94E-01	-2.08E+00	
	-148.00	2.36E-06	-5.87E-06	5.46E-06	9.45E-05	2.00E-06	-1.17E-04	4.57E-05	-4.92E-05				
66	937.00	-3.23E-01	-9.65E-02	1.53E-01	3.67E+00	2.13E-01	-3.15E+00	3.47E+00	-3.89E+00	45.88	2.41E+00	-2.58E+00	
	-128.00	-5.95E-06	-7.93E-07	4.88E-06	1.67E-04	9.68E-06	-1.43E-04	8.02E-05	-8.69E-05				
67	1037.00	-3.34E+00	-6.66E-01	-8.96E-01	3.51E+00	1.16E+00	-3.43E+00	1.75E+00	-5.76E+00	55.44	-6.66E-01	-3.51E+00	
	-148.00	-5.03E-05	1.06E-05	5.37E-06	1.60E-04	5.26E-05	-1.56E-04	6.55E-05	-1.05E-04				
68	837.00	-1.01E+00	-9.04E-01	-5.99E-01	4.00E+00	4.69E-01	-3.61E+00	3.04E+00	-4.96E+00	45.38	-1.01E+00	4.00E+00	
	-68.00	-1.13E-05	-7.16E-06	4.59E-06	3.08E-04	3.61E-05	-2.78E-04	1.45E-04	-1.63E-04				
69	937.00	-1.31E+00	1.10E-01	-2.32E-01	2.09E+00	5.42E-01	-1.89E+00	1.61E+00	-2.81E+00	54.40	1.10E-01	-2.09E+00	
	-88.00	-3.48E-05	2.00E-05	6.86E-06	1.61E-04	4.17E-05	-1.46E-04	7.76E-05	-9.24E-05				
70	1037.00	-1.92E-01	3.59E-01	2.92E-01	3.57E+00	-7.34E-02	-3.75E+00	3.66E+00	-3.50E+00	47.21	2.74E+00	-2.39E+00	
	-68.00	-1.24E-05	8.74E-06	6.20E-06	2.74E-04	-5.64E-06	-2.89E-04	1.36E-04	-1.39E-04				
71	862.00	-9.63E-01	-5.20E-01	-3.26E-01	1.68E+00	4.46E-01	-1.67E+00	9.93E-01	-2.38E+00	47.92	-8.63E-01	1.68E+00	
	-18.00	-1.44E-05	-1.23E-06	6.24E-06	1.29E-04	3.43E-05	-1.28E-04	5.70E-05	-7.26E-05				
72	1012.00	1.75E-01	3.49E-01	4.71E-01	1.83E+00	-5.05E-02	-1.58E+00	2.10E+00	-1.57E+00	46.35	1.75E-01	1.83E+00	
	-18.00	-4.19E-06	2.47E-06	7.19E-06	1.41E-04	-3.89E-06	-1.21E-04	6.97E-05	-7.15E-05				
73	1387.00	3.51E-01	3.58E-01	3.21E-01	2.22E+00	-5.75E-03	-1.81E+00	2.57E+00	-1.87E+00	45.05	3.51E-01	2.22E+00	
	-303.00	2.58E-06	2.90E-06	1.22E-06	2.02E-04	-5.23E-07	-1.65E-04	1.04E-04	-9.82E-05				
74	1387.00	1.53E-02	-9.80E-02	9.34E-02	2.34E+00	2.96E-02	-1.77E+00	2.30E+00	-2.38E+00	44.31	1.53E-02	2.34E+00	
	-213.00	5.57E-07	-4.59E-06	4.11E-06	2.12E-04	2.69E-06	-1.61E-04	1.04E-04	-1.06E-04				
75	1387.00	-4.40E-02	1.04E-01	3.76E-01	1.72E+00	1.31E-01	-1.22E+00	1.75E+00	-1.69E+00	46.24	-4.40E-02	1.72E+00	
	-138.00	-3.29E-06	8.05E-08	6.25E-06	7.81E-05	5.95E-06	-5.56E-05	3.75E-05	-4.07E-05				
76	1187.00	-5.56E-01	-4.09E-01	-1.89E-01	2.69E+00	3.52E-01	-1.62E+00	2.21E+00	-3.17E+00	45.79	-5.56E-01	2.69E+00	
	-68.00	-8.71E-06	-3.04E-06	5.41E-06	2.07E-04	2.71E-05	-1.25E-04	9.76E-05	-1.09E-04				
77	1387.00	-7.05E-01	-5.35E-01	-1.75E-01	1.28E+00	2.74E-01	-1.08E+00	6.66E-01	-1.91E+00	46.89	-5.35E-01	-1.28E+00	
	-88.00	-1.15E-05	-5.04E-06	9.82E-06	9.87E-05	2.11E-05	-8.28E-05	4.12E-05	-5.78E-05				
78	1587.00	-2.90E-01	-2.05E-01	8.23E-02	1.68E+00	2.76E-02	-8.75E-01	1.43E+00	-1.93E+00	45.72	4.38E-01	-1.54E+00	
	-68.00	-6.61E-06	-3.36E-06	7.71E-06	1.29E-04	2.12E-06	-6.73E-05	5.97E-05	-6.97E-05				
79	1237.00	-9.80E-01	-3.87E-01	-2.46E-01	1.42E+00	4.12E-01	-1.00E+00	7.64E-01	-2.13E+00	50.91	-9.80E-01	1.42E+00	
	-18.00	-2.00E-05	2.85E-06	8.24E-06	1.09E-04	3.17E-05	-7.72E-05	4.71E-05	-6.42E-05				
80	1433.80	-5.97E-01	-1.36E-01	3.22E-02	1.67E+00	2.27E-01	-7.75E-01	1.32E+00	-2.05E+00	48.93	-5.97E-01	1.67E+00	
	-8.00	-1.52E-05	2.46E-06	8.94E-06	1.28E-04	1.74E-05	-5.96E-05	5.83E-05	-7.11E-05				
81	1533.80	-9.92E-01	-2.06E-01	-1.53E-01	9.41E-01	2.11E-01	-4.91E-01	4.21E-01	-1.62E+00	56.33	-2.06E-01	-9.41E-01	
	-28.00	-2.33E-05	6.91E-06	8.98E-06	7.24E-05	1.63E-05	-3.78E-05	3.10E-05	-4.74E-05				
82	1633.80	-1.10E+00	-3.88E-01	-2.87E-01	3.74E-01	6.67E-02	-1.50E-01	-2.27E-01	-1.26E+00	66.75	-2.29E-01	-4.76E-02	
	-8.00	-2.27E-05	4.56E-06	8.43E-06	2.88E-05	5.13E-06	-1.15E-05	1.07E-05	-2.89E-05				
83	1433.80	-4.02E+00	-1.72E+00	-1.91E+00	1.06E+00	1.07E+00	-5.45E-01	-1.31E+00	-4.43E+00	68.60	-1.72E+00	-1.06E+00	
	27.60	-7.04E-05	1.78E-05	1.06E-05	8.16E-05	8.25E-05	-4.19E-05	3.38E-05	-8.64E-05				
84	1296.10	-1.44E+00	-1.88E-01	-2.79E-01	1.14E+00	4.95E-01	-6.03E-01	4.85E-01	-2.11E+00	59.39	-8.88E-01	-1.30E+00	
	40.70	-3.44E-05	1.37E-05	1.02E-05	8.75E-05	3.81E-05	-4.64E-05	3.96E-05	-6.03E-05				
85	1148.60	-5.65E-01	2.99E-01	1.31E-01	1.59E+00	5.79E-01	-6.39E-01	1.48E+00	-1.84E+00	53.45	1.22E+00	8.91E-01	
	57.33	-2.30E-05	1.41E-05	7.61E-06	1.22E-04	4.45E-05	-4.92E-05	5.93E-05	-6.82E-05				
86	1131.40	-5.06E+00	-2.52E+00	-2.53E+00	5.60E-01	1.90E+00	-1.36E-01	-2.40E+00	-5.18E+00	78.12	-2.52E+00	-5.60E-01	
	112.00	-8.30E-05	1.43E-05	1.37E-05	4.31E-05	1.46E-04	-1.05E-05	1.89E-05	-8.81E-05				
87	1019.80	-1.44E+00	-5.91E-01	-4.99E-01	1.60E+00	6.54E-01	-2.28E+00	6.42E-01	-2.67E+00	52.39	-5.91E-01	-1.60E+00	
	34.67	-2.75E-05	5.02E-06	8.57E-06	1.23E-04	5.03E-05	-1.75E-04	5.24E-05	-7.49E-05				
88	886.60	-7.70E-01	-2.84E-01	-1.99E-01	1.34E+00	3.28E-01	-1.48E+00	8.31E-01	-1.89E+00	50.14	-7.70E-01	1.34E	
	46.0	.59E-05	2.72E-06	6.39E-06	1.03E-04	2.52E-05	E-04	4.56E-05	-5.89E-05				
89	965	.35E+00	-1.51E+00	-1.65E+00	7.44E-01	9.94E-01	F-01	-1.24E+00	-3.61E+00	70.54	-1.51E+00	-7.	

	96.	[illegible].73E-05	1.35E-05	8.12E-06	5.72E-05	7.64E-05	[illegible]0E-05	2.36E-05	-6.75E-05				
90	952.	[illegible].36E-01	1.58E+00	6.49E-01	1.97E+00	5.86E-01	[illegible]4E+00	2.73E+00	-1.74E+00	59.71	2.24E+00	-1.41	
	128.00	-4.20E-05	4.34E-05	7.42E-06	1.51E-04	4.50E-05	-1.11E-04	8.76E-05	-8.63E-05				
91	860.80	-9.66E-01	-6.94E-02	-1.91E-01	9.29E-01	5.69E-01	-4.47E-01	5.14E-01	-1.55E+00	57.88	-9.66E-01	9.29E-01	
	160.00	-2.37E-05	1.08E-05	6.13E-06	7.15E-05	4.37E-05	-3.44E-05	3.33E-05	-4.61E-05				
92	869.80	-4.68E+00	-1.61E+00	-2.09E+00	4.93E-01	1.97E+00	-5.61E-01	-1.54E+00	-4.76E+00	81.27	-1.61E+00	-4.83E-01	
	203.60	-8.81E-05	3.02E-05	1.19E-05	3.72E-05	1.51E-04	-4.31E-05	3.30E-05	-9.09E-05				
93	598.67	2.34E-01	-4.81E-02	1.10E-02	2.68E+00	1.30E+00	-3.02E+00	2.78E+00	-2.60E+00	43.50	-4.81E-02	-2.68E+00	
	16.00	6.83E-06	-4.01E-06	-1.74E-06	2.07E-04	9.99E-05	-2.33E-04	1.05E-04	-1.02E-04				
94	645.75	-4.87E-01	-2.83E-01	-3.39E-01	1.72E+00	5.53E-01	-1.82E+00	1.34E+00	-2.11E+00	46.69	-4.87E-01	1.72E+00	
	24.00	-6.54E-06	1.29E-06	-8.46E-07	1.32E-04	4.26E-05	-1.17E-04	6.36E-05	-6.88E-05				
95	613.10	-5.37E-01	-8.12E-01	-6.56E-01	2.95E+00	4.64E-01	-7.57E-01	2.28E+00	-3.63E+00	43.67	-5.37E-01	2.95E+00	
	68.33	1.36E-06	-9.22E-06	-3.15E-06	2.27E-04	3.57E-05	-5.82E-05	1.10E-04	-1.18E-04				
96	708.45	-9.10E-01	-2.15E-01	-3.38E-01	1.37E+00	5.60E-01	-1.24E+00	8.50E-01	-1.97E+00	52.12	-1.07E+00	-1.32E+00	
	55.00	-1.89E-05	7.81E-06	3.06E-06	1.05E-04	4.31E-05	-9.52E-05	4.88E-05	-5.99E-05				
97	613.10	-2.49E+00	-1.18E+00	-1.33E+00	9.52E-01	1.54E+00	-7.17E-01	-6.78E-01	-2.95E+00	62.33	-1.18E+00	-9.52E-01	
	96.00	-4.09E-05	9.72E-06	3.69E-06	7.32E-05	1.18E-04	-5.52E-05	2.89E-05	-6.01E-05				
98	682.27	-9.04E-01	-2.60E-01	-3.45E-01	1.94E+00	4.70E-01	-1.41E+00	1.38E+00	-2.54E+00	49.73	1.12E+00	-9.70E-01	
	112.00	-1.82E-05	6.60E-06	3.31E-06	1.49E-04	3.62E-05	-1.09E-04	6.97E-05	-8.13E-05				
99	751.43	-2.04E+00	5.81E-01	-7.64E-01	2.09E+00	1.44E+00	-2.74E+00	1.53E+00	-3.99E+00	65.49	5.81E-01	-2.09E+00	
	96.00	-8.16E-05	5.78E-05	6.05E-06	1.60E-04	1.11E-04	-2.11E-04	9.44E-05	-1.18E-04				
100	683.25	-8.46E-01	-2.39E-01	-2.69E-01	7.00E-01	3.55E-01	-8.81E-01	2.20E-01	-1.31E+00	56.72	-8.46E-01	7.00E-01	
	152.00	-1.77E-05	5.68E-06	4.54E-06	5.38E-05	2.73E-05	-6.78E-05	2.34E-05	-3.53E-05				
101	648.67	-4.15E+00	-2.03E+00	-2.26E+00	4.78E-01	1.01E+00	-6.45E-01	-1.93E+00	-4.25E+00	77.83	-2.03E+00	-4.78E-01	
	192.00	-6.68E-05	1.45E-05	5.88E-06	3.68E-05	7.75E-05	-4.96E-05	1.85E-05	-7.08E-05				
102	725.25	-6.75E-01	3.13E-01	6.52E-02	7.35E-01	2.55E-01	-6.01E-01	7.04E-01	-1.07E+00	61.95	-1.50E-01	-8.85E-01	
	232.70	-2.27E-05	1.53E-05	5.77E-06	5.65E-05	1.96E-05	-4.63E-05	3.04E-05	-3.78E-05				
103	635.50	-5.54E-01	-5.35E-01	-2.46E-01	5.65E-02	1.89E-01	-2.48E-02	-4.87E-01	-6.02E-01	49.73	-5.54E-01	5.65E-02	
	256.00	-6.64E-06	-5.91E-06	5.21E-06	4.34E-06	1.46E-05	-1.91E-06	-4.07E-06	-8.48E-06				
104	635.50	-1.59E+00	-1.06E+00	-7.71E-01	-9.27E-03	6.58E-01	-4.71E-02	-1.06E+00	-1.59E+00	-89.00	-1.06E+00	9.27E-03	
	290.67	-2.35E-05	-3.11E-06	7.87E-06	-7.13E-07	5.06E-05	-3.62E-06	-3.11E-06	-2.35E-05				
105	569.00	3.03E-01	-5.45E-02	-1.44E-01	2.81E+00	8.35E-01	-2.59E+00	2.94E+00	-2.70E+00	43.18	3.03E-01	2.81E+00	
	16.50	1.05E-05	-3.25E-06	-6.68E-06	2.17E-04	6.42E-05	-1.99E-04	1.12E-04	-1.05E-04				
106	508.50	5.20E+00	3.44E+00	3.11E+00	1.95E+00	1.92E+00	-8.06E-01	6.45E+00	2.16E+00	32.85	3.44E+00	-1.95E+00	
	13.00	7.08E-05	3.13E-06	-9.32E-06	1.50E-04	1.48E-04	-6.20E-05	1.19E-04	-4.52E-05				
107	521.00	1.42E+00	7.19E-01	3.67E-01	2.71E+00	7.03E-01	-1.47E+00	3.81E+00	-1.66E+00	41.29	1.42E+00	2.71E+00	
	15.75	2.72E-05	5.59E-08	-1.35E-05	2.09E-04	5.41E-05	-1.13E-04	1.19E-04	-9.16E-05				
108	526.25	1.21E+00	5.86E-01	2.95E-01	3.00E+00	5.88E-01	-1.52E+00	3.92E+00	-2.12E+00	42.03	1.21E+00	3.00E+00	
	21.00	2.36E-05	-4.52E-07	-1.16E-05	2.31E-04	4.52E-05	-1.17E-04	1.28E-04	-1.05E-04				
109	515.50	3.20E+00	2.11E+00	1.91E+00	3.66E+00	1.28E+00	-8.18E-01	6.36E+00	-1.05E+00	40.79	2.11E+00	-3.66E+00	
	26.00	4.36E-05	1.92E-06	-5.85E-06	2.82E-04	9.87E-05	-6.29E-05	1.65E-04	-1.20E-04				
110	531.50	4.04E-01	2.86E-01	-6.93E-03	2.45E+00	4.05E-01	-1.29E+00	2.79E+00	-2.10E+00	44.31	4.04E-01	2.45E+00	
	34.50	8.01E-06	3.51E-06	-7.77E-06	1.88E-04	3.11E-05	-9.89E-05	9.99E-05	-8.83E-05				
111	515.50	-1.83E+00	-2.78E+00	-2.21E+00	7.13E+00	3.03E-01	-4.96E-01	4.84E+00	-9.45E+00	43.09	-1.83E+00	7.13E+00	
	44.00	4.60E-06	-3.20E-05	-1.00E-05	5.48E-04	2.33E-05	-3.82E-05	2.61E-04	-2.89E-04				
112	515.50	-8.88E-01	-5.43E-01	-7.09E-01	1.65E+00	6.64E-01	-6.56E-01	9.46E-01	-2.38E+00	47.98	-5.43E-01	-1.65E+00	
	53.33	-1.06E-05	2.64E-06	-3.75E-06	1.27E-04	5.11E-05	-5.05E-05	5.99E-05	-6.79E-05				
113	547.50	-1.16E+00	2.89E-01	-4.76E-01	2.62E+00	4.50E-01	-2.23E+00	2.29E+00	-3.15E+00	52.72	1.10E+00	-2.25E+00	
	64.00	-2.98E-05	2.59E-05	-3.53E-06	2.02E-04	3.46E-05	-1.72E-04	1.03E-04	-1.07E-04				
114	515.50	-2.25E+00	-2.54E+00	-2.06E+00	2.97E+00	1.87E-01	-9.27E-01	5.80E-01	-5.38E+00	43.61	-2.25E+00	2.97E+00	
	74.67	-1.13E-05	-2.24E-05	-3.92E-06	2.29E-04	1.44E-05	-7.13E-05	9.77E-05	-1.31E-04				
115	515.50	-4.55E+00	-2.86E+00	-3.05E+00	1.07E+00	5.71E-01	-6.11E-01	-2.35E+00	-5.07E+00	64.15	-2.86E+00	-1.07E+00	
	88.00	-6.01E-05	4.82E-06	-2.25E-06	8.21E-05	4.40E-05	-4.70E-05	2.47E-05	-8.00E-05				
116	547.50	-2.62E+00	-2.34E-01	-1.22E+00	3.27E+00	4.32E-01	-1.94E+00	2.05E+00	-4.91E+00	55.04	1.16E+00	-2.32E+00	
	104.00	-5.61E-05	3.58E-05	-2.17E-06	2.51E-04	3.33E-05	-1.49E-04	1.24E-04	-1.44E-04				
117	515.50	-9.38E-01	-8.84E-01	-6.98E-01	2.35E+00	3.95E-02	-1.25E+00	1.44E+00	-3.26E+00	45.33	-9.38E-01	2.35E+00	
	120.00	-8.40E-06	-6.30E-06	8.51E-07	1.81E-04	3.04E-06	-9.63E-05	8.31E-05	-9.78E-05				
118	515.50	-3.32E+00	-2.03E+00	-2.08E+00	9.10E-01	2.36E-01	-5.18E-01	-1.56E+00	-3.75E+00	62.64	-2.03E+00	-9.10E-01	
	136.00	-4.61E-05	3.46E-06	1.78E-06	7.00E-05	1.81E-05	-3.99E-05	2.16E-05	-6.42E-05				
119	547.50	-2.23E+00	-5.38E-01	-1.05E+00	2.23E+00	2.15E-01	-1.20E+00	1.00E+00	-3.77E+00	55.39	4.13E-01	-1.57E+00	
	152.00	-4.39E-05	2.12E-05	1.68E-06	1.72E-04	1.65E-05	-9.22E-05	8.05E-05	-1.03E-04				
120	515.50	-1.05E+00	-7.75E-01	-5.48E-01	1.59E+00	-2.23E-02	-9.41E-01	6.81E-01	-2.50E+00	47.44	-1.05E+00	1.59E+00	
	168.00	-1.42E-05	-3.78E-06	4.97E-06	1.22E-04	-1.72E-06	-7.24E-05	5.22E-05	-7.02E-05				
121	515.50	-4.20E+00	-2.59E+00	-2.55E+00	7.24E-01	1.42E-01	-3.91E-01	-2.31E+00	-4.48E+00	69.04	-2.59E+00	-7.24E-01	

	184.00	-5.90E-05	3.06E-06	4.55E-06	5.57E-05	1.09E-05	-3.01E-05	1.37E-05	-6.96E-05				
122	547.50	-1.45E+00	6.90E-01	-1.49E-01	2.44E+00	1.19E-01	-1.54E+00	2.30E+00	-3.06E+00	56.76	1.72E+00	-1.67E+00	
	200.00	-4.58E-05	3.65E-05	4.28E-06	1.89E-04	9.13E-06	-1.18E-04	9.85E-05	-1.06E-04				
123	515.50	5.98E-01	1.09E+00	9.94E-01	1.15E+00	-2.53E-01	-1.22E+00	2.02E+00	-3.37E-01	50.95	5.98E-01	1.15E+00	
	216.00	-6.30E-05	1.24E-05	8.57E-06	8.87E-05	-1.94E-05	-9.36E-05	4.83E-05	-4.23E-05				
124	515.50	-1.34E+00	-7.49E-01	-6.03E-01	3.09E-01	-4.72E-01	-2.57E-01	-6.18E-01	-1.47E+00	66.94	-7.49E-01	-3.09E-01	
	232.00	-2.20E-05	7.99E-07	6.42E-06	2.37E-05	-3.63E-05	-1.98E-05	5.85E-06	-2.71E-05				
125	547.50	-8.59E-01	-5.24E-01	-3.32E-01	5.91E-01	-2.37E-01	-4.51E-01	-7.69E-02	-1.30E+00	52.89	-2.66E-01	-4.43E-01	
	248.00	-1.42E-05	-1.32E-06	6.05E-06	4.54E-05	-1.82E-05	-3.47E-05	1.59E-05	-3.13E-05				
126	515.50	9.22E-01	1.44E+00	1.30E+00	-6.89E-02	-3.65E-01	-1.12E+00	1.45E+00	9.13E-01	-82.62	9.22E-01	-6.89E-02	
	264.00	-4.83E-06	1.53E-05	9.69E-06	-5.30E-06	-2.81E-05	-8.65E-05	1.56E-05	-5.18E-06				
127	515.50	-8.16E-01	-4.75E-01	-3.19E-01	1.39E-01	-7.84E-01	-1.39E-01	-4.26E-01	-8.66E-01	70.41	-4.75E-01	-1.39E-01	
	276.00	-1.37E-05	-5.71E-07	5.42E-06	1.07E-05	-6.03E-05	-1.07E-05	1.33E-06	-1.56E-05				
128	531.50	3.16E-01	2.39E-01	4.94E-01	7.97E-02	-3.26E-01	-8.04E-02	3.66E-01	1.89E-01	32.04	3.16E-01	7.97E-02	
	297.00	6.34E-07	-2.35E-06	7.48E-06	6.13E-06	-2.51E-05	-6.19E-06	2.55E-06	-4.27E-06				
129	515.50	1.90E+00	1.84E+00	1.82E+00	-3.22E-01	-3.57E-01	-8.10E-01	2.19E+00	1.54E+00	-42.46	1.90E+00	-3.22E-01	
	320.00	1.19E-05	9.67E-06	9.01E-06	-2.47E-05	-2.75E-05	-6.23E-05	2.32E-05	-1.65E-06				
183	565.50	5.76E-02	1.14E-02	-3.37E-01	4.21E+00	1.10E+00	-3.39E+00	4.24E+00	-4.17E+00	44.84	5.76E-02	4.21E+00	
	-8.00	5.16E-06	3.38E-06	-1.00E-05	3.24E-04	8.43E-05	-2.61E-04	1.66E-04	-1.58E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4309E+02	-.2704E+03	.6310E+02	.4848E+02	.1188E+03	-.7914E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.6171E+01	.2769E+01	.1350E+01	.4094E+02	-.3158E+02	-.3896E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5409E+01	-.8870E+00	.6060E+00	.5512E+02	-.7083E+02	-.7062E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.7549E+01	.1719E+01	.1535E+00	.9087E+02	-.1105E+03	-.1031E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.8105E+01	-.1163E+01	.1450E+00	.1169E+03	-.1497E+03	-.1384E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1002E+01	-.8508E+00	.5236E+00	.1560E+03	-.1896E+03	-.1801E+03
25	.1946E+02	.3153E+01	.1267E+00	.1946E+03	-.2089E+03	-.2203E+03
26	-.8931E+01	-.9041E+00	.1089E-01	.2108E+03	-.2207E+03	-.2497E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9772E+02	-.1897E+02	.3347E+01	.2158E+03	-.3030E+03	-.2733E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]0	.0000E+00	.0000E+00

[illegible]	.1726E+04	.2972E+03	-.1020E+02	[illegible]	-.8045E+03	-.4290E+03
[illegible]	.1196E+04	.1342E+03	.4271E+01	.2[illegible]03	-.7945E+03	-.3942E+03
[illegible]	.7605E+03	.1000E+03	.1505E+02	.24[illegible]+03	-.7205E+03	-.3432E+03
42	.1769E+03	.1153E+02	.1447E+02	.2156E+03	-.5178E+03	-.2996E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1745E+04	-.2259E+03	-.9784E+01	.4456E+02	-.8424E+03	.2069E+03
48	-.1509E+04	-.1960E+03	-.1075E+02	.1035E+03	-.7792E+03	.1496E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2639E+04	-.4105E+03	-.1245E+02	-.3207E+02	-.5757E+03	.6567E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.7081E+01	.1500E+02	-.8691E+00	.2551E+02	-.8306E+03	.1934E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1842E+04	-.2802E+03	-.1239E+02	.3169E+01	-.4680E+03	.6209E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1292E+04	-.1975E+03	-.1666E+02	.1626E+01	-.4433E+03	.6039E+03
66	-.4379E+03	-.6888E+02	-.2101E+02	-.3423E+01	-.3788E+03	.6289E+03
67	.8843E+03	.1299E+03	-.2104E+02	-.1337E+01	-.3137E+03	.6285E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1576E+04	.2338E+03	-.1780E+02	.6924E+02	-.2622E+03	.6128E+03
76	-.1684E+03	-.2724E+02	-.1226E+02	.9219E+02	-.1893E+03	.6163E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6602E+03	.9794E+02	-.8982E+01	.1081E+03	-.9611E+02	.5968E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2774E+03	-.4219E+02	-.6499E+01	.1463E+03	-.3798E+02	.5782E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3857E+03	.5809E+02	-.5769E+01	.1182E+03	.4215E+02	.5366E+03

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103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2543E+03	-.3741E+02	-.4843E+01	.1073E+03	.9136E+02	.4914E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2910E+03	.4504E+02	-.4967E+01	.1063E+03	.1585E+03	.4412E+03
109	-.1705E+03	-.2375E+02	-.4286E+01	.1078E+03	.2051E+03	.3825E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2423E+03	.3873E+02	-.4218E+01	.6689E+02	.2558E+03	.3149E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1273E+03	.2177E+02	-.9899E+00	.4046E+02	.2821E+03	.2463E+03
115	.3032E+02	.7383E+01	-.7792E-01	.1896E+02	.2854E+03	.1764E+03
116	.9353E+02	.1728E+02	.6030E+00	.2244E+01	.3040E+03	.1286E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.9825E+02	.1818E+02	.1562E+01	.2161E+02	.3156E+03	.1181E+03
119	.5553E+02	.1158E+02	.2268E+01	-.2734E+02	.2904E+03	.6254E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1886E+03	.2569E+02	.1134E+02	-.2978E+02	.2607E+03	.2933E+02
122	.1594E+03	.1402E+02	.2047E+02	.8187E+01	.2533E+03	.3459E+02
123	.1222E+03	.9613E+01	.1821E+02	.5635E+01	.2223E+03	.3145E+02
124	.9049E+02	.6876E+01	.1256E+02	.3867E+01	.1839E+03	.2891E+02
125	.6108E+02	.3840E+01	.9228E+01	.2398E+01	.1529E+03	.2647E+02
126	.2210E+02	-.2419E+01	.8620E+01	.5406E+00	.1300E+03	.2387E+02
127	-.6894E+01	-.7333E+01	.8853E+01	-.7320E+00	.1125E+03	.2049E+02
128	-.3728E+02	-.1158E+02	.8659E+01	-.3770E+01	.7592E+02	.1665E+02
129	-.3892E+02	-.1023E+02	.7508E+01	-.5169E+01	.4587E+02	.1316E+02
130	-.2766E+02	-.6390E+01	.5757E+01	-.5428E+01	.2322E+02	.1056E+02
131	-.7586E+01	-.1197E+01	.4133E+01	-.4762E+01	.1006E+02	.8789E+01
132	.7587E+00	.5274E+00	.3093E+01	-.3173E+01	.9492E+01	.7455E+01
133	.1425E+01	.4520E+00	.2796E+01	-.2201E+01	.9925E+01	.6202E+01
134	.4003E+00	.1407E+00	.2763E+01	-.1686E+01	.8222E+01	.4864E+01
135	.2100E-01	.1787E-01	.3101E+01	-.1288E+01	.5822E+01	.3587E+01
136	-.1823E-02	.2157E-01	.4117E+01	-.9064E+00	.3791E+01	.2399E+01
137	-.6360E-01	-.2046E-01	.6411E+01	-.6540E+00	.1722E+01	.1315E+01
138	.2081E-01	.1280E+00	.1011E+03	-.4686E+00	-.4655E+00	.6676E+00
139	.9486E-01	.1538E+00	-.1786E+02	-.7129E-01	.2521E+00	-.2602E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.30038E-01	-.17812E-03	.30181E-01	.00000E+00
3	-.55113E-01	-.60256E-03	.55119E-01	.00000E+00
4	-.59887E-01	-.59782E-03	.59730E-01	.00000E+00
5	-.64799E-01	-.10994E-04	.64826E-01	.00000E+00
6	-.73704E-01	.71193E-05	.73693E-01	-.14860E-04
7	-.67376E-01	-.12247E-02	.68351E-01	.00000E+00
8	-.73931E-01	-.95795E-03	.74211E-01	-.32642E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.29930E-01	-.33540E-03	.30296E-01	.00000E+00
11	-.55576E-01	-.74357E-03	.56536E-01	.00000E+00
12	-.62078E-01	-.88245E-03	.63217E-01	.00000E+00
13	-.67388E-01	-.71381E-03	.68023E-01	.00000E+00
14	-.74392E-01	-.99717E-03	.75582E-01	-.76165E-05
15	-.68343E-01	-.17977E-02	.71791E-01	.00000E+00
16	-.75080E-01	-.15326E-02	.77829E-01	.23862E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.30275E-01	-.47564E-03	.31788E-01	.00000E+00
19	-.56740E-01	-.98170E-03	.59821E-01	.00000E+00
20	-.63561E-01	-.12490E-02	.67192E-01	.00000E+00
21	-.69106E-01	-.87017E-03	.72471E-01	[illegible]000E+00
[illegible]	-.76022E-01	-.11261E-02	.80962E-01	[illegible]04E-05

	-.71067E-01	-.26166E-02	.78916E-01	.00000E+00
	-.77192E-01	-.23343E-02	.85063E-01	.56627E-04
25	-.78003E-01	-.29774E-02	.87687E-01	-.44173E-06
26	-.78477E-01	-.28433E-02	.89234E-01	.61879E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.30409E-01	-.91063E-03	.33275E-01	.00000E+00
29	-.59185E-01	-.18320E-02	.63432E-01	.00000E+00
30	-.65143E-01	-.21572E-02	.72044E-01	.00000E+00
31	-.71689E-01	-.26637E-02	.80399E-01	.00000E+00
32	-.78378E-01	-.32172E-02	.90943E-01	-.69816E-04
33	-.71524E-01	-.39071E-02	.80605E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.30225E-01	-.13179E-02	.33486E-01	.00000E+00
36	-.58702E-01	-.22638E-02	.64509E-01	.00000E+00
37	-.65929E-01	-.25597E-02	.72041E-01	.00000E+00
38	-.73724E-01	-.32739E-02	.83675E-01	.00000E+00
39	-.79908E-01	-.44987E-02	.93892E-01	.44524E-04
40	-.79750E-01	-.47307E-02	.93208E-01	.28992E-04
41	-.79598E-01	-.45572E-02	.92568E-01	-.29727E-04
42	-.79347E-01	-.40224E-02	.91844E-01	-.59047E-04
43	-.65409E-01	-.32416E-02	.71602E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.29419E-01	.24925E-03	.31318E-01	.00000E+00
46	-.58728E-01	-.19126E-02	.63032E-01	.00000E+00
47	-.79984E-01	-.41326E-02	.94160E-01	.41532E-04
48	-.79961E-01	-.43126E-02	.94118E-01	.62208E-04
49	-.73645E-01	-.33838E-02	.83022E-01	.00000E+00
50	-.80717E-01	-.43192E-02	.94473E-01	.18122E-03
51	-.74381E-01	-.36770E-02	.81885E-01	.00000E+00
52	-.83475E-01	-.37754E-02	.89720E-01	.00000E+00
53	-.80047E-01	-.38798E-02	.94317E-01	.10883E-04
54	-.65194E-01	-.19706E-02	.67433E-01	.00000E+00
55	-.73241E-01	-.30689E-02	.74739E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.24543E-01	-.26141E-02	.24070E-01	.00000E+00
58	-.52857E-01	-.16379E-02	.46593E-01	.00000E+00
59	-.85156E-01	-.29111E-02	.86190E-01	.00000E+00
60	-.83654E-01	-.36276E-02	.87553E-01	.00000E+00
61	-.81417E-01	-.43305E-02	.94708E-01	.27885E-03
62	-.62097E-01	-.10797E-02	.56276E-01	.00000E+00
63	-.71484E-01	-.98982E-03	.66743E-01	.00000E+00
64	-.85203E-01	-.37471E-02	.90942E-01	.00000E+00
65	-.82360E-01	-.43423E-02	.94929E-01	.34633E-03
66	-.84698E-01	-.43616E-02	.95371E-01	.42064E-03
67	-.87220E-01	-.43742E-02	.95853E-01	.40115E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.19424E-01	.36514E-03	.15338E-01	.00000E+00
70	-.56155E-01	-.32964E-03	.49342E-01	.00000E+00
71	-.83194E-01	-.10110E-02	.77332E-01	.00000E+00
72	-.87536E-01	-.35326E-02	.91369E-01	.00000E+00
73	-.69251E-01	-.56457E-03	.58382E-01	.00000E+00
74	-.92906E-01	-.36494E-02	.95247E-01	.00000E+00
75	-.89367E-01	-.43376E-02	.96278E-01	.30545E-03
76	-.92355E-01	-.44974E-02	.97051E-01	.21375E-03
77	-.79609E-01	-.20116E-03	.68966E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.23292E-01	-.70799E-03	.21101E-01	.00000E+00
80	-.53885E-01	.49668E-03	.45672E-01	.00000E+00
81	-.50749E-01	.50317E-03	.50322E-01	.00000E+00
82	-.66701E-01	.73189E-03	.58183E-01	.00000E+00
83	-.92876E-01	-.10460E-02	.85959E-01	.00000E+00
84	-.87903E-01	-.74956E-04	.77362E-01	.00000E+00
85	-.95524E-01	-.45385E-02	.98056E-01	.17091E-03
86	-.96300E-01	-.37512E-02	.97580E-01	.00000E+00

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87	-.80508E-01	.92390E-04	.67736E-01	.00000E+00
88	-.96536E-01	-.30265E-02	.92945E-01	.00000E+00
89	-.97777E-01	-.46755E-02	.99010E-01	.13779E-03
90	-.63152E-01	.29736E-03	.45156E-01	.00000E+00
91	-.67569E-01	.53332E-03	.48477E-01	.00000E+00
92	-.72349E-01	-.59540E-03	.51168E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.27682E-01	.00000E+00	.20196E-01	.00000E+00
95	-.50599E-01	.00000E+00	.35933E-01	.00000E+00
96	-.57730E-01	.00000E+00	.40594E-01	.00000E+00
97	-.60412E-01	.00000E+00	.41142E-01	.00000E+00
98	-.59587E-01	.00000E+00	.40468E-01	.00000E+00
99	-.64618E-01	-.37474E-03	.43465E-01	.00000E+00
100	-.78716E-01	-.78210E-03	.56893E-01	.00000E+00
101	-.93682E-01	-.19790E-02	.78675E-01	.00000E+00
102	-.10126E+00	-.48251E-02	.10040E+00	.12366E-03
103	-.97487E-01	-.19121E-02	.89430E-01	.00000E+00
104	-.10261E+00	-.43735E-02	.10101E+00	.00000E+00
105	-.10370E+00	-.49328E-02	.10158E+00	.10683E-03
106	-.10180E+00	-.22247E-02	.95900E-01	.00000E+00
107	-.10666E+00	-.47236E-02	.10308E+00	.00000E+00
108	-.10649E+00	-.50383E-02	.10270E+00	.10214E-03
109	-.10852E+00	-.51199E-02	.10358E+00	.86528E-04
110	-.10761E+00	-.56120E-02	.10068E+00	.00000E+00
111	-.11111E+00	-.56640E-02	.10620E+00	.00000E+00
112	-.11070E+00	-.52133E-02	.10436E+00	.77453E-04
113	-.11027E+00	-.48969E-02	.10291E+00	.00000E+00
114	-.11193E+00	-.51777E-02	.10485E+00	.29834E-04
115	-.11235E+00	-.51983E-02	.10525E+00	.96264E-05
116	-.11245E+00	-.51140E-02	.10533E+00	-.37751E-05
117	-.11182E+00	-.58482E-02	.10767E+00	.00000E+00
118	-.11234E+00	-.51029E-02	.10537E+00	-.14115E-04
119	-.11192E+00	-.50697E-02	.10537E+00	-.26803E-04
120	-.11267E+00	-.55908E-02	.10754E+00	.00000E+00
121	-.11105E+00	-.49536E-02	.10518E+00	-.49858E-04
122	-.11095E+00	-.45308E-02	.10528E+00	-.61710E-04
123	-.11079E+00	-.41275E-02	.10535E+00	-.71099E-04
124	-.11061E+00	-.36630E-02	.10543E+00	-.81978E-04
125	-.11036E+00	-.31251E-02	.10550E+00	-.95084E-04
126	-.10986E+00	-.20756E-02	.10562E+00	-.11097E-03
127	-.10932E+00	-.93388E-03	.10573E+00	-.11429E-03
128	-.10827E+00	.14294E-02	.10596E+00	-.95356E-04
129	-.10753E+00	.32015E-02	.10617E+00	-.64527E-04
130	-.10709E+00	.43336E-02	.10640E+00	-.27886E-04
131	-.10705E+00	.45695E-02	.10675E+00	.12701E-04
132	-.10734E+00	.36697E-02	.10707E+00	.23442E-04
133	-.10761E+00	.27292E-02	.10734E+00	.18381E-04
134	-.10777E+00	.20605E-02	.10756E+00	.13158E-04
135	-.10786E+00	.15483E-02	.10775E+00	.11086E-04
136	-.10793E+00	.10653E-02	.10788E+00	.11253E-04
137	-.10798E+00	.59913E-03	.10796E+00	.10912E-04
138	-.10800E+00	.93138E-04	.10800E+00	.12029E-04
139	-.10800E+00	.11378E-04	.10800E+00	.11445E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.30E-02	-9.39E-02	7.78E-03	-3.67E+00	-1.51E-02	3.72E+00	3.61E+00	-3.73E+00	-44.72	-2.30E-02	-3.67E+00
	-303.00	3.73E-07	-2.85E-06	1.77E-06	-3.34E-04	-1.37E-06	[illegible]8E-04	1.66E-04	-1.68E-04			
2	72 [illegible]	[illegible].07E-02	-1.36E-01	7.93E-02	-3.11E+00	2.10E-03	[illegible]E+00	3.01E+00	-3.21E+00	-44.65	-6.07E-02	-3.[illegible]

	-213.	1.24E-06	-4.65E-06	1.13E-06	-2.83E-04	1.51E-07	[illegible]1E-04	1.36E-04	-1.44E-04				
3	72.	5.22E-01	-1.64E-01	1.81E-01	-2.10E+00	2.26E-01	[illegible]9E+00	1.77E+00	-2.45E+00	-47.44	-5.22E-01	-2.10	
	-138.	-9.21E-06	-1.08E-06	6.77E-06	-9.55E-05	1.03E-05	[illegible]04E-04	4.28E-05	-5.31E-05				
4	24.00	-2.66E+00	-1.42E+00	-1.90E+00	-3.97E+00	7.22E-01	4.40E+00	1.94E+00	-6.05E+00	-49.18	-2.66E+00	-3.97E+00	
	-68.00	-3.58E-05	5.12E-06	-6.15E-06	-3.07E-04	5.55E-05	3.38E-04	1.41E-04	-1.66E-04				
5	72.00	8.75E-01	4.86E-01	1.12E+00	-1.74E+00	-3.96E-02	1.83E+00	2.43E+00	-1.07E+00	-41.82	4.86E-01	1.74E+00	
	-88.00	6.37E-06	-8.56E-06	1.58E-05	-1.34E-04	-3.05E-06	1.41E-04	6.63E-05	-6.85E-05				
6	120.00	4.78E-01	4.78E-01	7.27E-01	-3.36E+00	-1.83E-01	3.29E+00	3.83E+00	-2.88E+00	-45.01	-2.82E+00	6.06E-01	
	-68.00	-1.70E-07	-8.30E-08	9.49E-06	-2.58E-04	-1.40E-05	2.53E-04	1.29E-04	-1.29E-04				
7	36.25	-9.35E-01	-3.59E-01	-1.99E-01	-1.93E+00	2.53E-01	1.84E+00	1.30E+00	-2.60E+00	-49.24	-8.68E-01	-1.94E+00	
	-19.00	-1.96E-05	2.59E-06	8.76E-06	-1.48E-04	1.94E-05	1.42E-04	6.65E-05	-8.35E-05				
8	108.00	1.07E-01	1.88E-01	3.77E-01	-1.48E+00	1.50E-03	1.62E+00	1.63E+00	-1.33E+00	-45.79	1.07E-01	-1.48E+00	
	-19.00	-3.29E-06	-1.43E-07	7.13E-06	-1.14E-04	1.15E-07	1.25E-04	5.51E-05	-5.85E-05				
9	216.00	-1.82E-01	-2.54E-01	-1.07E-01	-3.68E+00	3.30E-02	3.80E+00	3.47E+00	-3.90E+00	-44.72	-1.82E-01	-3.68E+00	
	-303.00	-1.20E-06	-4.51E-06	2.18E-06	-3.35E-04	3.00E-06	3.46E-04	1.65E-04	-1.70E-04				
10	216.00	-2.69E-01	-2.66E-01	-2.84E-03	-3.20E+00	1.07E-01	3.35E+00	2.93E+00	-3.47E+00	-45.01	-2.69E-01	-3.20E+00	
	-213.00	-5.24E-06	-5.11E-06	6.85E-06	-2.91E-04	9.73E-06	3.04E-04	1.40E-04	-1.51E-04				
11	216.00	-4.82E-01	-2.24E-01	3.72E-01	-2.49E+00	3.30E-01	2.67E+00	2.14E+00	-2.84E+00	-46.48	-4.82E-01	-2.49E+00	
	-138.00	-9.19E-06	-3.34E-06	1.02E-04	-1.13E-04	1.50E-05	1.22E-04	5.04E-05	-6.29E-05				
12	168.00	-1.18E+00	-1.09E+00	-6.62E-01	-3.85E+00	5.92E-01	4.01E+00	2.72E+00	-4.99E+00	-45.35	-1.18E+00	-3.85E+00	
	-68.00	-1.33E-05	-9.63E-06	6.78E-06	-2.96E-04	4.56E-05	3.08E-04	1.37E-04	-1.60E-04				
13	216.00	1.14E+00	4.60E-01	1.25E+00	-1.57E+00	8.42E-02	1.57E+00	2.41E+00	-8.06E-01	-38.86	4.60E-01	1.57E+00	
	-88.00	1.26E-05	-1.37E-05	1.68E-05	-1.21E-04	6.47E-06	1.21E-04	6.13E-05	-6.24E-05				
14	264.00	6.96E-02	4.36E-01	7.03E-01	-3.27E+00	-5.59E-02	3.35E+00	3.53E+00	-3.02E+00	-46.60	-2.93E+00	7.70E-01	
	-68.00	-1.06E-05	3.48E-06	1.38E-05	-2.52E-04	-4.30E-06	2.57E-04	1.22E-04	-1.30E-04				
15	180.00	-3.45E-01	-6.64E-02	2.41E-01	-1.69E+00	3.98E-01	1.62E+00	1.49E+00	-1.90E+00	-47.36	-3.45E-01	-1.69E+00	
	-19.00	-1.14E-05	-6.74E-07	1.11E-05	-1.30E-04	3.06E-05	1.24E-04	5.92E-05	-7.13E-05				
16	252.00	-1.89E-01	1.12E-01	4.93E-01	-1.40E+00	1.57E-01	1.70E+00	1.37E+00	-1.45E+00	-48.06	-1.89E-01	-1.40E+00	
	-19.00	-1.18E-05	-2.66E-07	1.44E-05	-1.08E-04	1.21E-05	1.31E-04	4.82E-05	-6.03E-05				
17	361.00	-2.36E-01	-3.95E-01	-1.59E-01	-3.72E+00	2.27E-02	3.99E+00	3.41E+00	-4.04E+00	-44.39	-2.36E-01	-3.72E+00	
	-303.00	-4.60E-07	-7.70E-06	3.03E-06	-3.39E-04	2.06E-06	3.62E-04	1.65E-04	-1.73E-04				
18	361.00	-3.19E-01	-3.74E-01	-6.11E-03	-3.36E+00	9.52E-02	3.59E+00	3.02E+00	-3.71E+00	-44.76	-3.19E-01	-3.36E+00	
	-213.00	-5.41E-06	-7.93E-06	8.80E-06	-3.06E-04	8.66E-06	3.26E-04	1.46E-04	-1.60E-04				
19	361.00	-5.30E-01	-2.91E-01	5.01E-01	-2.66E+00	3.50E-01	3.02E+00	2.25E+00	-3.07E+00	-46.29	-5.30E-01	-2.66E+00	
	-138.00	-1.04E-05	-4.94E-06	1.31E-05	-1.21E-04	1.59E-05	1.37E-04	5.28E-05	-6.81E-05				
20	312.00	-2.06E+00	-1.62E+00	-1.05E+00	-4.35E+00	1.01E+00	4.88E+00	2.51E+00	-6.19E+00	-46.44	-2.06E+00	-4.35E+00	
	-68.00	-2.72E-05	-1.04E-05	1.16E-05	-3.34E-04	7.79E-05	3.75E-04	1.49E-04	-1.86E-04				
21	360.67	1.85E+00	1.04E+00	1.85E+00	-2.04E+00	3.28E-03	2.32E+00	3.52E+00	-6.36E-01	-39.43	1.04E+00	2.04E+00	
	-88.00	1.89E-05	-1.20E-05	1.91E-05	-1.57E-04	2.52E-07	1.78E-04	8.35E-05	-7.65E-05				
22	409.33	-1.07E+00	-1.49E+00	-4.10E-01	-4.13E+00	4.14E-02	5.18E+00	2.85E+00	-5.41E+00	-43.52	-5.36E+00	6.44E-01	
	-68.00	-8.40E-06	-2.48E-05	1.69E-05	-3.17E-04	3.18E-06	3.98E-04	1.42E-04	-1.75E-04				
23	324.00	-7.05E-01	-1.26E-01	3.42E-01	-1.73E+00	7.11E-01	1.71E+00	1.34E+00	-2.17E+00	-49.75	-7.05E-01	-1.73E+00	
	-19.00	-2.17E-05	5.21E-07	1.85E-05	-1.33E-04	5.47E-05	1.32E-04	5.69E-05	-7.81E-05				
24	372.00	-4.39E-01	2.57E-01	6.95E-01	-4.53E+00	6.73E-01	4.81E+00	4.45E+00	-4.64E+00	-47.19	-4.39E-01	-4.53E+00	
	-9.33	-2.25E-05	4.24E-06	2.11E-05	-3.49E-04	5.18E-05	3.70E-04	1.66E-04	-1.84E-04				
25	401.25	-1.64E-01	7.94E-02	8.05E-01	-1.48E+00	2.42E-01	1.98E+00	1.45E+00	-1.53E+00	-47.35	1.23E+00	-7.67E-01	
	-19.00	-1.42E-05	-4.86E-06	2.31E-05	-1.14E-04	1.86E-05	1.53E-04	4.77E-05	-6.68E-05				
26	427.67	-2.15E+00	-2.04E+00	-9.35E-01	-5.04E+00	9.04E-01	6.79E+00	2.95E+00	-7.14E+00	-45.31	-5.12E+00	-4.03E+00	
	-9.33	-2.63E-05	-2.22E-05	2.04E-05	-3.88E-04	6.96E-05	5.22E-04	1.70E-04	-2.18E-04				
27	457.00	-2.70E-01	-5.89E-01	-2.41E-01	-3.76E+00	-1.16E-02	4.09E+00	3.33E+00	-4.19E+00	-43.79	-2.70E-01	-3.76E+00	
	-303.00	2.00E-06	-1.25E-05	3.35E-06	-3.42E-04	-1.06E-06	3.72E-04	1.66E-04	-1.76E-04				
28	457.00	-2.77E-01	-4.23E-01	9.48E-03	-3.54E+00	5.06E-02	3.78E+00	3.19E+00	-3.89E+00	-44.41	-2.77E-01	-3.54E+00	
	-213.00	-3.62E-06	-1.03E-05	9.40E-06	-3.22E-04	4.60E-06	3.43E-04	1.54E-04	-1.68E-04				
29	457.00	-8.26E-01	-4.31E-01	3.76E-01	-2.80E+00	-3.29E-02	3.07E+00	2.18E+00	-3.44E+00	-47.02	-8.26E-01	-2.80E+00	
	-138.00	-1.42E-05	-5.18E-06	1.32E-05	-1.27E-04	-1.50E-06	1.39E-04	5.41E-05	-7.35E-05				
30	442.00	-1.05E+00	-2.42E+00	-8.20E-01	-4.89E+00	-9.16E-02	5.54E+00	3.21E+00	-6.68E+00	-41.00	-1.05E+00	-4.89E+00	
	-68.00	7.86E-06	-4.61E-05	1.56E-05	-3.76E-04	-7.05E-06	4.26E-04	1.70E-04	-2.10E-04				
31	457.33	5.76E+00	2.60E+00	3.83E+00	-1.68E+00	-2.60E+00	2.90E+00	6.49E+00	1.87E+00	-23.43	2.60E+00	1.68E+00	
	-88.00	8.75E-05	-3.39E-05	1.34E-05	-1.30E-04	-2.00E-04	2.23E-04	1.16E-04	-6.20E-05				
32	472.67	-9.53E+00	-8.14E+00	-6.60E+00	-4.22E+00	1.65E+00	6.97E+00	-4.56E+00	-1.31E+01	-49.70	-1.21E+01	-2.77E+00	
	-68.00	-1.00E-04	-4.63E-05	1.29E-05	-3.24E-04	1.27E-04	5.36E-04	9.12E-05	-2.37E-04				
33	443.00	-8.18E-01	-6.57E-01	2.78E-01	-2.52E+00	3.42E-01	2.66E+00	1.78E+00	-3.26E+00	-45.92	-8.18E-01	-2.52E+00	
	-19.50	-1.83E-05	-1.21E-05	2.38E-05	-1.94E-04	2.63E-05	2.04E-04	8.17E-05	-1.12E-04				
34	454.00	-7.73E+00	-5.94E+00	-4.74E+00	-6.41E+00	1.94E+00	6.58E+00	-3.63E-01	-1.33E+01	-48.97	-1.03E+01	-5.48E+00	

	-11.33	-9.49E-05	-2.62E-05	2.00E-05	-4.93E-04	1.49E-04	4.60E-04	1.98E-04	-3.09E-04				
35	461.67	-2.10E+00	-2.76E+00	-1.23E+00	-6.07E+00	5.00E-01	8.90E+00	3.65E+00	-8.51E+00	-43.43	-2.10E+00	-6.07E+00	
	-12.00	-1.38E-05	-3.53E-05	1.97E-05	-4.67E-04	3.85E-05	6.85E-04	2.07E-04	-2.66E-04				
36	469.00	4.76E+00	1.79E+00	3.39E+00	-5.67E-01	-2.28E+00	3.53E+00	4.87E+00	1.69E+00	-10.43	1.79E+00	5.67E-01	
	-30.00	7.39E-05	-4.09E-05	2.12E-05	-4.36E-05	-1.75E-04	2.72E-04	7.79E-05	-4.45E-05				
37	476.33	-3.80E+00	-5.30E+00	-2.89E+00	-4.15E+00	5.37E-01	7.30E+00	-3.27E-01	-8.77E+00	-39.86	-5.48E+00	-4.12E+00	
	-12.00	-1.44E-05	-7.23E-05	2.09E-05	-3.20E-04	4.13E-05	5.62E-04	1.19E-04	-2.06E-04				
38	558.50	2.35E-01	-2.50E-02	1.69E-01	-3.53E+00	-1.06E-01	3.97E+00	3.64E+00	-3.43E+00	-43.95	2.35E-01	-3.53E+00	
	-303.00	5.75E-06	-6.05E-06	2.76E-06	-3.21E-04	-9.66E-06	3.61E-04	1.60E-04	-1.61E-04				
39	558.50	-5.99E-02	-5.62E-01	-2.44E-02	-3.52E+00	-2.08E-01	3.86E+00	3.22E+00	-3.84E+00	-42.96	-5.99E-02	-3.52E+00	
	-213.00	5.67E-06	-1.71E-05	7.28E-06	-3.20E-04	-1.89E-05	3.51E-04	1.55E-04	-1.66E-04				
40	506.17	2.44E-02	-1.42E+00	2.38E-01	-7.95E+00	-3.75E-01	8.22E+00	7.29E+00	-8.68E+00	-42.41	2.44E-02	-7.95E+00	
	-128.00	6.61E-06	-2.62E-05	1.15E-05	-3.61E-04	-1.71E-05	3.74E-04	1.72E-04	-1.91E-04				
41	558.50	2.41E+00	-5.11E-01	8.90E-01	-3.39E+00	-1.78E+00	4.79E+00	4.52E+00	-3.03E+00	-31.96	-9.11E-01	3.39E+00	
	-148.00	4.22E-05	-3.32E-05	7.71E-06	-1.54E-04	-8.11E-05	2.18E-04	9.03E-05	-8.13E-05				
42	610.83	-3.51E-01	-1.53E+00	-1.62E-01	-6.83E+00	-1.32E+00	6.44E+00	5.92E+00	-7.80E+00	-42.53	-7.69E+00	1.22E+00	
	-128.00	2.75E-06	-2.41E-05	7.04E-06	-3.11E-04	-6.02E-05	2.93E-04	1.45E-04	-1.67E-04				
43	501.38	7.38E-01	1.79E-01	9.41E-01	-1.81E+00	-6.09E-01	2.34E+00	2.29E+00	-1.38E+00	-40.62	7.38E-01	-1.81E+00	
	-78.00	7.97E-06	-1.35E-05	1.58E-05	-1.40E-04	-4.68E-05	1.80E-04	6.78E-05	-7.34E-05				
44	534.67	-1.03E+00	-1.25E+00	-5.10E-01	-5.73E+00	-3.57E-01	7.01E+00	4.56E+00	-6.89E+00	-44.57	-6.82E+00	9.09E-01	
	-68.00	-1.03E-05	-1.69E-05	1.16E-05	-4.40E-04	-2.75E-05	5.39E-04	2.07E-04	-2.34E-04				
45	584.67	1.08E+00	3.98E-01	9.76E-01	-5.48E+00	-1.32E+00	5.21E+00	6.23E+00	-4.76E+00	-43.23	1.08E+00	-5.48E+00	
	-68.00	1.45E-05	-1.16E-05	1.06E-05	-4.22E-04	-1.02E-04	4.01E-04	2.13E-04	-2.10E-04				
46	610.83	5.61E+00	1.30E+00	2.90E+00	-2.93E+00	-2.64E+00	4.11E+00	7.09E+00	-1.83E-01	-26.84	1.30E+00	2.93E+00	
	-88.00	1.08E-04	-5.78E-05	3.67E-06	-2.25E-04	-2.03E-04	3.16E-04	1.65E-04	-1.15E-04				
47	482.63	2.85E-01	-2.30E-01	9.17E-01	-1.34E+00	-6.77E-01	2.66E+00	1.39E+00	-1.33E+00	-39.55	2.85E-01	-1.34E+00	
	-21.00	2.70E-07	-1.95E-05	2.46E-05	-1.03E-04	-5.20E-05	2.04E-04	4.27E-05	-6.19E-05				
48	485.83	-1.86E+00	-2.85E+00	-1.18E+00	-3.90E+00	-9.52E-02	8.12E+00	1.58E+00	-6.29E+00	-41.37	-2.36E+00	-3.94E+00	
	-12.00	-6.71E-06	-4.49E-05	1.93E-05	-3.00E-04	-7.32E-06	6.25E-04	1.26E-04	-1.77E-04				
49	507.88	1.41E-01	1.95E-01	9.47E-01	-1.46E+00	-3.75E-01	2.89E+00	1.62E+00	-1.29E+00	-45.52	1.41E-01	-1.46E+00	
	-21.00	-8.66E-06	-6.61E-06	2.23E-05	-1.12E-04	-2.89E-05	2.22E-04	4.83E-05	-6.36E-05				
50	538.67	-9.89E-01	-7.06E-01	-1.71E-01	-5.14E+00	-1.80E+00	6.18E+00	4.29E+00	-5.99E+00	-45.79	-5.95E+00	6.37E-01	
	-10.00	-1.75E-05	-6.66E-06	1.39E-05	-3.95E-04	-1.38E-04	4.75E-04	1.86E-04	-2.10E-04				
51	484.67	1.68E+01	1.16E+01	1.24E+01	3.91E-01	-1.23E+00	8.79E-01	1.68E+01	1.16E+01	4.33	1.16E+01	-3.91E-01	
	8.00	1.96E-04	-1.10E-06	2.92E-05	3.00E-05	-9.46E-05	6.76E-05	1.97E-04	-2.23E-06				
52	507.00	-4.03E+00	-4.92E+00	-2.71E+00	-2.74E+00	-8.17E-01	-2.17E+00	-1.70E+00	-7.25E+00	-40.34	-6.64E+00	-1.74E+00	
	0.00	-2.67E-05	-6.13E-05	2.39E-05	-2.11E-04	-6.29E-05	-1.67E-04	6.27E-05	-1.51E-04				
53	603.00	-2.76E-02	8.35E-02	2.33E-01	-2.16E+00	-8.55E-01	2.06E+00	2.19E+00	-2.13E+00	-45.74	1.33E+00	-1.72E+00	
	-18.00	-4.23E-06	3.89E-08	5.79E-06	-1.66E-04	-6.57E-05	1.59E-04	8.09E-05	-8.51E-05				
54	712.00	3.12E-01	-2.62E-01	4.64E-02	-3.34E+00	-2.75E-01	3.39E+00	3.38E+00	-3.33E+00	-42.55	3.12E-01	-3.34E+00	
	-303.00	1.29E-05	-1.31E-05	8.52E-07	-3.04E-04	-2.50E-05	3.09E-04	1.52E-04	-1.53E-04				
55	712.00	1.86E+00	1.00E+00	1.15E+00	-3.68E+00	-8.70E-01	3.34E+00	5.13E+00	-2.27E+00	-41.67	1.86E+00	-3.68E+00	
	-213.00	3.25E-05	-6.58E-06	1.64E-07	-3.34E-04	-7.91E-05	3.03E-04	1.81E-04	-1.55E-04				
56	712.00	2.38E+00	1.24E+00	9.74E-01	-2.79E+00	-1.98E+00	2.63E+00	4.66E+00	-1.04E+00	-39.27	2.38E+00	-2.79E+00	
	-138.00	2.99E-05	4.17E-06	-1.95E-06	-1.27E-04	-9.00E-05	1.20E-04	8.18E-05	-4.78E-05				
57	712.00	7.00E-01	6.12E-02	2.17E-01	-1.76E+00	-7.99E-01	1.96E+00	2.17E+00	-1.41E+00	-39.85	7.00E-01	-1.76E+00	
	-78.00	1.62E-05	-8.40E-06	-2.40E-06	-1.35E-04	-6.14E-05	1.51E-04	7.27E-05	-6.49E-05				
58	712.00	8.79E-01	5.86E-01	4.83E-01	-2.39E+00	-6.94E-01	2.42E+00	3.12E+00	-1.66E+00	-43.25	8.79E-01	-2.39E+00	
	-18.00	1.24E-05	1.14E-06	-2.83E-06	-1.84E-04	-5.34E-05	1.86E-04	9.87E-05	-8.52E-05				
59	837.00	9.52E+00	5.28E+00	5.92E+00	-2.81E+00	-1.77E+00	2.94E+00	1.09E+01	3.86E+00	-26.48	5.28E+00	2.81E+00	
	-318.00	1.64E-04	-2.90E-05	.00E+00	-2.55E-04	-1.60E-04	2.67E-04	2.27E-04	-9.26E-05				
60	887.00	1.33E+00	1.20E-01	5.80E-01	-7.53E+00	-6.40E-01	6.69E+00	8.28E+00	-6.83E+00	-42.70	-6.20E+00	3.01E+00	
	-288.00	3.41E-05	-2.09E-05	.00E+00	-6.84E-04	-5.82E-05	6.08E-04	3.50E-04	-3.37E-04				
61	987.00	-1.69E+00	-1.12E+00	-1.12E+00	-7.67E+00	4.23E-01	6.33E+00	6.27E+00	-9.08E+00	-46.07	-1.69E+00	-7.67E+00	
	-288.00	-2.58E-05	2.48E-07	.00E+00	-6.98E-04	3.84E-05	5.75E-04	3.36E-04	-3.62E-04				
62	1037.00	9.56E+00	5.79E+00	6.14E+00	-5.64E+00	-1.55E+00	5.16E+00	1.36E+01	1.73E+00	-35.78	5.79E+00	5.64E+00	
	-318.00	1.55E-04	-1.57E-05	.00E+00	-5.13E-04	-1.41E-04	4.69E-04	3.40E-04	-2.01E-04				
63	962.00	2.45E-01	1.46E-01	-1.48E-03	-3.82E+00	-1.63E-01	3.47E+00	4.01E+00	-3.62E+00	-44.63	2.45E-01	-3.82E+00	
	-213.00	6.07E-06	1.57E-06	-5.11E-06	-3.47E-04	-1.48E-05	3.15E-04	1.77E-04	-1.70E-04				
64	1012.00	-4.58E-01	-2.79E-01	-4.57E-01	-4.12E+00	1.35E-01	3.58E+00	3.76E+00	-4.45E+00	-45.62	-4.58E-01	-4.12E+00	
	-213.00	-5.33E-06	2.84E-06	-5.26E-06	-3.75E-04	1.22E-05	3.25E-04	1.86E-04	-1.85E-04				
65	837.00	-2.97E-01	3.04E-01	-4.64E-01	-2.89E+00	-3.15E-02	3.56E+00	2.91E+00	-2.91E+00	-47.97	3.04E-01	2.89E+00	
	-148.00	[illegible].36E-06	9.30E-06	-8.14E-06	-1.32E-04	-1.43E-06	[illegible]E-04	6.86E-05	-6.37E-05				
66	937	[illegible].20E-01	1.74E-01	-2.35E-01	-5.13E+00	-2.77E-01	[illegible]E+00	5.43E+00	-4.83E+00	-44.29	-3.33E+00	3.[illegible]	

	-128.0[illegible]	[illegible].83E-06	2.02E-06	-7.27E-06	-2.34E-04	-1.26E-05	[illegible]-04	1.22E-04	-1.12E-04				
67	1037.00	4.63E+00	9.85E-01	1.23E+00	-4.89E+00	-1.58E+00	[illegible]E+00	8.03E+00	-2.41E+00	-34.78	9.85E-01	4.89E[illegible]	
	-148.00	6.94E-05	-1.35E-05	-7.92E-06	-2.22E-04	-7.20E-05	2.16E-04	1.47E-04	-9.07E-05				
68	837.00	1.40E+00	1.32E+00	9.34E-01	-5.58E+00	-6.34E-01	5.01E+00	6.94E+00	-4.22E+00	-44.78	1.40E+00	-5.58E+00	
	-68.00	1.49E-05	1.16E-05	-6.95E-06	-4.20E-04	-4.88E-05	3.85E-04	2.28E-04	-2.01E-04				
69	937.00	1.78E+00	-1.44E-01	2.98E-01	-2.90E+00	-7.39E-01	2.61E+00	3.88E+00	-2.24E+00	-35.84	-1.44E-01	2.90E+00	
	-88.00	4.73E-05	-2.67E-05	-1.01E-05	-2.23E-04	-5.65E-05	2.01E-04	1.28E-04	-1.07E-04				
70	1037.00	3.37E-01	-3.64E-01	-3.42E-01	-4.96E+00	1.01E-01	5.15E+00	4.96E+00	-4.96E+00	-42.98	-3.69E+00	3.35E+00	
	-68.00	1.70E-05	-9.94E-06	-9.09E-06	-3.81E-04	7.76E-06	3.96E-04	1.95E-04	-1.86E-04				
71	862.00	1.18E+00	7.47E-01	4.30E-01	-2.34E+00	-6.04E-01	2.30E+00	3.31E+00	-1.39E+00	-42.37	1.18E+00	-2.34E+00	
	-18.00	1.94E-05	2.85E-06	-9.31E-06	-1.80E-04	-4.64E-05	1.77E-04	1.01E-04	-7.91E-05				
72	1012.00	-2.47E-01	-4.54E-01	-6.65E-01	-2.55E+00	7.55E-02	2.18E+00	2.20E+00	-2.90E+00	-43.84	-2.47E-01	-2.55E+00	
	-18.00	5.50E-06	-2.44E-06	-1.06E-05	-1.96E-04	5.81E-06	1.68E-04	9.97E-05	-9.66E-05				
73	1387.00	-4.91E-01	-4.97E-01	-4.49E-01	-3.11E+00	1.09E-02	2.53E+00	2.61E+00	-3.60E+00	-44.97	-4.91E-01	-3.11E+00	
	-303.00	-3.65E-06	-3.93E-06	-1.74E-06	-2.83E-04	9.90E-07	2.30E-04	1.38E-04	-1.49E-04				
74	1397.00	-2.45E-02	1.43E-01	-1.33E-01	-3.27E+00	-3.30E-02	2.46E+00	3.33E+00	-3.21E+00	-45.73	-2.45E-02	-3.27E+00	
	-213.00	-9.20E-07	6.69E-06	-5.87E-06	-2.97E-04	-3.00E-06	2.24E-04	1.51E-04	-1.46E-04				
75	1387.00	4.81E-02	-1.44E-01	-5.39E-01	-2.40E+00	-1.61E-01	1.70E+00	2.35E+00	-2.45E+00	-43.85	4.81E-02	-2.40E+00	
	-138.00	4.42E-06	5.41E-08	-8.91E-06	-1.09E-04	-7.31E-06	7.74E-05	5.68E-05	-5.24E-05				
76	1187.00	7.40E-01	5.47E-01	2.26E-01	-3.77E+00	-4.61E-01	2.28E+00	4.41E+00	-3.13E+00	-44.27	7.40E-01	-3.77E+00	
	-68.00	1.18E-05	4.43E-06	-7.94E-06	-2.90E-04	-3.55E-05	1.76E-04	1.53E-04	-1.37E-04				
77	1387.00	9.74E-01	7.57E-01	2.43E-01	-1.79E+00	-3.60E-01	1.48E+00	2.66E+00	-9.28E-01	-43.27	7.57E-01	1.79E+00	
	-88.00	1.58E-05	7.43E-06	-1.24E-05	-1.38E-04	-2.77E-05	1.14E-04	8.06E-05	-5.74E-05				
78	1587.00	4.09E-01	3.00E-01	-1.10E-01	-2.35E+00	-3.36E-02	1.23E+00	2.70E+00	-2.00E+00	-44.34	-6.00E-01	2.15E+00	
	-68.00	9.13E-06	4.96E-06	-1.08E-05	-1.81E-04	-2.58E-06	9.43E-05	9.75E-05	-8.34E-05				
79	1237.00	1.35E+00	5.46E-01	3.29E-01	-1.97E+00	-5.46E-01	1.39E+00	2.96E+00	-1.07E+00	-39.24	1.35E+00	-1.97E+00	
	-18.00	2.75E-05	-3.45E-06	-1.18E-05	-1.52E-04	-4.20E-05	1.07E-04	8.95E-05	-6.55E-05				
80	1433.80	8.24E-01	1.96E-01	-4.91E-02	-2.32E+00	-3.01E-01	1.07E+00	2.85E+00	-1.83E+00	-41.14	8.24E-01	-2.32E+00	
	-8.00	2.10E-05	-3.14E-06	-1.26E-05	-1.78E-04	-2.31E-05	8.23E-05	9.89E-05	-8.10E-05				
81	1533.80	1.37E+00	2.86E-01	2.06E-01	-1.31E+00	-2.85E-01	6.83E-01	2.25E+00	-5.89E-01	-33.74	2.86E-01	1.31E+00	
	-28.00	3.23E-05	-9.49E-06	-1.26E-05	-1.01E-04	-2.19E-05	5.26E-05	6.59E-05	-4.31E-05				
82	1633.80	1.52E+00	5.39E-01	3.94E-01	-5.23E-01	-9.08E-02	2.11E-01	1.75E+00	3.12E-01	-23.41	3.16E-01	7.03E-02	
	-8.00	3.15E-05	-6.25E-06	-1.18E-05	-4.03E-05	-6.98E-06	1.63E-05	4.02E-05	-1.50E-05				
83	1433.80	5.54E+00	2.39E+00	2.64E+00	-1.48E+00	-1.45E+00	7.51E-01	6.13E+00	1.81E+00	-21.55	2.39E+00	1.48E+00	
	27.60	9.71E-05	-2.43E-05	-1.48E-05	-1.14E-04	-1.12E-04	5.78E-05	1.20E-04	-4.67E-05				
84	1296.10	1.99E+00	2.67E-01	3.75E-01	-1.58E+00	-6.63E-01	8.23E-01	2.92E+00	-6.70E-01	-30.71	1.24E+00	1.79E+00	
	40.70	4.75E-05	-1.86E-05	-1.44E-05	-1.21E-04	-5.10E-05	6.33E-05	8.35E-05	-5.46E-05				
85	1148.60	9.10E-01	-4.19E-01	-2.08E-01	-2.20E+00	-7.79E-01	9.05E-01	2.55E+00	-2.05E+00	-36.60	-1.70E+00	-1.23E+00	
	57.33	3.19E-05	-1.92E-05	-1.11E-05	-1.69E-04	-6.00E-05	6.96E-05	9.48E-05	-8.21E-05				
86	1131.40	7.00E+00	3.47E+00	3.48E+00	-7.92E-01	-2.58E+00	1.87E-01	7.17E+00	3.30E+00	-12.10	3.47E+00	7.92E-01	
	112.00	1.16E-04	-1.98E-05	-1.93E-05	-6.10E-05	-1.98E-04	1.44E-05	1.22E-04	-2.64E-05				
87	1019.80	1.99E+00	8.88E-01	6.96E-01	-2.22E+00	-8.85E-01	3.12E+00	3.73E+00	-8.53E-01	-38.03	8.88E-01	2.22E+00	
	34.67	3.73E-05	-5.14E-06	-1.25E-05	-1.71E-04	-6.80E-05	2.40E-04	1.04E-04	-7.21E-05				
88	886.60	1.06E+00	4.26E-01	2.46E-01	-1.86E+00	-4.46E-01	2.05E+00	2.63E+00	-1.15E+00	-40.18	1.06E+00	-1.86E+00	
	46.00	2.17E-05	-2.63E-06	-9.58E-06	-1.43E-04	-3.43E-05	1.58E-04	8.22E-05	-6.31E-05				
89	869.80	4.56E+00	2.05E+00	2.20E+00	-1.05E+00	-1.37E+00	9.41E-01	4.95E+00	1.67E+00	-19.95	2.05E+00	1.05E+00	
	96.00	7.86E-05	-1.80E-05	-1.21E-05	-8.08E-05	-1.06E-04	7.24E-05	9.33E-05	-3.27E-05				
90	952.60	8.82E-01	-2.15E+00	-9.11E-01	-2.72E+00	-8.04E-01	1.99E+00	2.48E+00	-3.75E+00	-30.42	-3.06E+00	1.96E+00	
	128.00	5.79E-05	-5.88E-05	-1.11E-05	-2.09E-04	-6.18E-05	1.53E-04	1.19E-04	-1.20E-04				
91	869.80	1.32E+00	9.47E-02	2.28E-01	-1.29E+00	-7.81E-01	6.20E-01	2.14E+00	-7.24E-01	-32.34	1.32E+00	-1.29E+00	
	160.00	3.27E-05	-1.44E-05	-9.26E-06	-9.95E-05	-6.01E-05	4.77E-05	6.42E-05	-4.59E-05				
92	869.80	6.45E+00	2.23E+00	2.84E+00	-6.95E-01	-2.73E+00	7.80E-01	6.56E+00	2.11E+00	-9.12	2.23E+00	6.95E-01	
	203.60	1.21E-04	-4.09E-05	-1.73E-05	-5.35E-05	-2.10E-04	6.00E-05	1.26E-04	-4.52E-05				
93	598.67	-3.68E-01	1.10E-01	-4.04E-02	-3.74E+00	-1.81E+00	4.20E+00	3.62E+00	-3.88E+00	-46.83	1.10E-01	3.74E+00	
	16.00	-1.09E-05	7.50E-06	1.73E-06	-2.88E-04	-1.39E-04	3.23E-04	1.43E-04	-1.46E-04				
94	645.75	6.57E-01	4.21E-01	4.50E-01	-2.40E+00	-7.66E-01	2.10E+00	2.94E+00	-1.86E+00	-43.59	6.57E-01	-2.40E+00	
	24.00	8.48E-06	-5.99E-07	5.21E-07	-1.84E-04	-5.89E-05	1.62E-04	9.63E-05	-8.84E-05				
95	613.10	6.98E-01	1.10E+00	8.58E-01	-4.14E+00	-6.47E-01	1.04E+00	5.04E+00	-3.25E+00	-46.39	6.98E-01	-4.14E+00	
	69.33	-2.34E-06	1.31E-05	3.82E-06	-3.18E-04	-4.98E-05	7.98E-05	1.65E-04	-1.54E-04				
96	708.45	1.23E+00	3.14E-01	4.39E-01	-1.91E+00	-7.76E-01	1.71E+00	2.74E+00	-1.19E+00	-38.24	1.50E+00	1.83E+00	
	55.00	2.56E-05	-9.74E-06	-4.95E-06	-1.47E-04	-5.97E-05	1.32E-04	8.35E-05	-6.77E-05				
97	613.10	3.35E+00	1.57E+00	1.76E+00	-1.35E+00	-2.16E+00	9.94E-01	4.08E+00	9.48E-01	-28.27	1.57E+00	1.35E+00	
	96.00	5.55E-05	-1.30E-05	-5.86E-06	-1.04E-04	-1.66E-04	7.64E-05	8.34E-05	-4.06E-05				
98	682.27	1.23E+00	3.85E-01	4.56E-01	-2.72E+00	-6.57E-01	1.95E+00	3.56E+00	-1.94E+00	-40.56	-1.57E+00	1.38E+00	

	112.00	2.47E-05	-8.00E-06	-5.26E-06	-2.09E-04	-5.06E-05	1.50E-04	1.14E-04	-9.74E-05				
99	751.43	4.22E+00	-6.99E-01	1.07E+00	-2.90E+00	-2.01E+00	3.79E+00	5.56E+00	-2.04E+00	-24.85	-6.98E-01	2.90E+00	
	96.00	1.12E-04	-7.73E-05	-9.21E-06	-2.23E-04	-1.54E-04	2.92E-04	1.63E-04	-1.29E-04				
100	683.25	1.15E+00	3.47E-01	3.45E-01	-9.77E-01	-4.97E-01	1.22E+00	1.81E+00	-3.07E-01	-33.82	1.15E+00	-9.77E-01	
	152.00	2.40E-05	-6.60E-06	-7.00E-06	-7.52E-05	-3.82E-05	9.38E-05	4.92E-05	-3.21E-05				
101	648.67	5.66E+00	2.76E+00	3.04E+00	-6.78E-01	-1.43E+00	8.90E-01	5.91E+00	2.61E+00	-12.55	2.76E+00	6.78E-01	
	192.00	9.17E-05	-1.96E-05	-9.10E-06	-5.21E-05	-1.10E-04	6.85E-05	9.75E-05	-2.54E-05				
102	725.25	9.32E-01	-4.18E-01	-1.09E-01	-1.01E+00	-3.61E-01	8.39E-01	1.48E+00	-9.62E-01	-28.18	2.20E-01	1.22E+00	
	232.70	3.14E-05	-2.05E-05	-8.65E-06	-7.80E-05	-2.78E-05	6.45E-05	5.23E-05	-4.14E-05				
103	635.50	7.57E-01	7.40E-01	3.18E-01	-8.26E-02	-2.68E-01	1.68E-02	8.32E-01	6.66E-01	-42.05	7.57E-01	-8.26E-02	
	256.00	9.17E-06	8.52E-06	-7.72E-06	-6.35E-06	-2.06E-05	1.29E-06	1.20E-05	5.65E-06				
104	635.50	2.18E+00	1.45E+00	1.03E+00	4.99E-03	-9.44E-01	6.96E-02	2.18E+00	1.45E+00	.39	1.45E+00	-4.99E-03	
	290.67	3.26E-05	4.60E-06	-1.16E-05	3.84E-07	-7.26E-05	5.36E-06	3.26E-05	4.60E-06				
105	569.00	-4.46E-01	1.28E-01	1.88E-01	-3.91E+00	-1.15E+00	3.60E+00	3.76E+00	-4.08E+00	-47.10	-4.46E-01	-3.91E+00	
	16.50	-1.57E-05	6.34E-06	8.66E-06	-3.01E-04	-9.87E-05	2.77E-04	1.46E-04	-1.56E-04				
106	508.50	-7.43E+00	-4.91E+00	-4.49E+00	-2.75E+00	-2.67E+00	1.12E+00	-3.15E+00	-9.19E+00	-57.36	-4.91E+00	2.75E+00	
	13.00	-1.01E-04	-3.79E-06	1.23E-05	-2.11E-04	-2.06E-04	8.59E-05	6.38E-05	-1.69E-04				
107	521.00	-2.01E+00	-9.79E-01	-5.36E-01	-3.79E+00	-9.75E-01	2.04E+00	2.33E+00	-5.32E+00	-48.89	-2.01E+00	-3.79E+00	
	15.75	-3.87E-05	1.11E-06	1.82E-05	-2.91E-04	-7.50E-05	1.57E-04	1.28E-04	-1.66E-04				
108	526.25	-1.71E+00	-7.95E-01	-4.35E-01	-4.19E+00	-8.15E-01	2.11E+00	2.96E+00	-5.47E+00	-48.12	-1.71E+00	-4.19E+00	
	21.00	-3.35E-05	1.73E-06	1.56E-05	-3.22E-04	-6.27E-05	1.62E-04	1.46E-04	-1.78E-04				
109	515.50	-4.59E+00	-3.02E+00	-2.77E+00	-5.13E+00	-1.79E+00	1.13E+00	1.38E+00	-8.95E+00	-49.35	-3.02E+00	5.13E+00	
	26.00	-6.24E-05	-2.10E-06	7.44E-06	-3.94E-04	-1.38E-04	8.71E-05	1.67E-04	-2.32E-04				
110	531.50	-5.80E-01	-3.80E-01	-1.22E-02	-3.41E+00	-5.59E-01	1.79E+00	2.93E+00	-3.89E+00	-45.84	-5.80E-01	-3.41E+00	
	34.50	-1.16E-05	-3.94E-06	1.02E-05	-2.62E-04	-4.30E-05	1.37E-04	1.23E-04	-1.39E-04				
111	515.50	2.50E+00	3.84E+00	3.03E+00	-9.98E+00	-4.19E-01	6.70E-01	1.32E+01	-6.83E+00	-46.93	2.50E+00	-9.98E+00	
	44.00	-6.78E-05	4.49E-05	1.34E-05	-7.67E-04	-3.22E-05	5.16E-05	4.04E-04	-3.66E-04				
112	515.50	1.14E+00	7.00E-01	9.01E-01	-2.31E+00	-9.28E-01	9.08E-01	3.24E+00	-1.40E+00	-42.28	7.00E-01	2.31E+00	
	55.33	1.37E-05	-3.19E-06	4.54E-06	-1.78E-04	-7.14E-05	6.99E-05	9.45E-05	-8.39E-05				
113	547.50	1.64E+00	-3.14E-01	6.85E-01	-3.64E+00	-6.26E-01	3.12E+00	4.43E+00	-3.11E+00	-37.50	-1.44E+00	3.13E+00	
	64.00	4.09E-05	-3.41E-05	4.28E-06	-2.80E-04	-4.82E-05	2.40E-04	1.48E-04	-1.42E-04				
114	515.50	3.12E+00	3.56E+00	2.85E+00	-4.17E+00	-2.58E-01	1.28E+00	7.51E+00	-8.32E-01	-46.49	3.12E+00	-4.17E+00	
	74.67	1.54E-05	3.21E-05	4.91E-06	-3.21E-04	-1.98E-05	9.83E-05	1.84E-04	-1.37E-04				
115	515.50	6.24E+00	3.93E+00	4.16E+00	-1.49E+00	-8.01E-01	8.47E-01	6.97E+00	3.20E+00	-26.15	3.93E+00	1.49E+00	
	88.00	8.25E-05	-6.23E-06	2.48E-06	-1.15E-04	-6.16E-05	6.51E-05	1.11E-04	-3.44E-05				
116	547.50	3.66E+00	3.85E-01	1.70E+00	-4.54E+00	-6.03E-01	2.71E+00	6.85E+00	-2.81E+00	-35.10	-1.56E+00	3.24E+00	
	104.00	7.75E-05	-4.83E-05	2.34E-06	-3.49E-04	-4.64E-05	2.09E-04	2.00E-04	-1.71E-04				
117	515.50	1.31E+00	1.27E+00	9.72E-01	-3.29E+00	-5.48E-02	1.73E+00	4.58E+00	-2.00E+00	-44.83	1.31E+00	-3.29E+00	
	120.00	1.14E-05	9.84E-06	-1.67E-06	-2.53E-04	-4.22E-06	1.33E-04	1.37E-04	-1.16E-04				
118	515.50	4.54E+00	2.78E+00	2.82E+00	-1.27E+00	-3.41E-01	7.17E-01	5.21E+00	2.12E+00	-27.69	2.78E+00	1.27E+00	
	136.00	6.32E-05	-4.40E-06	-3.09E-06	-9.79E-05	-2.63E-05	5.52E-05	8.89E-05	-3.01E-05				
119	547.50	3.11E+00	7.88E-01	1.45E+00	-3.11E+00	-3.05E-01	1.68E+00	5.27E+00	-1.37E+00	-34.78	-5.40E-01	2.20E+00	
	152.00	6.07E-05	-2.84E-05	-2.91E-06	-2.39E-04	-2.34E-05	1.29E-04	1.44E-04	-1.12E-04				
120	515.50	1.46E+00	1.12E+00	7.62E-01	-2.23E+00	2.80E-02	1.29E+00	3.52E+00	-9.48E-01	-42.82	1.46E+00	-2.23E+00	
	168.00	1.94E-05	6.31E-06	-7.36E-06	-1.71E-04	2.15E-06	9.94E-05	9.88E-05	-7.31E-05				
121	515.50	5.75E+00	3.54E+00	3.46E+00	-1.01E+00	-2.18E-01	5.41E-01	6.14E+00	3.15E+00	-21.25	3.54E+00	1.01E+00	
	184.00	8.09E-05	-3.89E-06	-6.93E-06	-7.77E-05	-1.68E-05	4.16E-05	9.60E-05	-1.90E-05				
122	547.50	2.02E+00	-9.04E-01	2.10E-01	-3.41E+00	-1.75E-01	2.15E+00	4.27E+00	-3.15E+00	-33.38	-2.34E+00	2.32E+00	
	200.00	6.32E-05	-4.94E-05	-6.53E-06	-2.62E-04	-1.35E-05	1.65E-04	1.50E-04	-1.36E-04				
123	515.50	-7.97E-01	-1.43E+00	-1.34E+00	-1.62E+00	3.43E-01	1.66E+00	5.32E-01	-2.76E+00	-39.46	-7.97E-01	-1.62E+00	
	216.00	8.53E-06	-1.58E-05	-1.23E-05	-1.24E-04	2.64E-05	1.28E-04	5.97E-05	-6.70E-05				
124	515.50	1.80E+00	1.00E+00	7.75E-01	-4.26E-01	6.19E-01	3.56E-01	1.99E+00	8.16E-01	-23.34	1.00E+00	4.26E-01	
	232.00	3.00E-05	-8.58E-07	-9.51E-06	-3.28E-05	4.76E-05	2.74E-05	3.71E-05	-7.93E-06				
125	547.50	1.16E+00	7.04E-01	4.19E-01	-8.15E-01	3.11E-01	6.68E-01	1.78E+00	8.52E-02	-37.23	3.48E-01	6.12E-01	
	248.00	1.95E-05	2.03E-06	-8.96E-06	-6.27E-05	2.39E-05	5.14E-05	4.33E-05	-2.18E-05				
126	515.50	-1.25E+00	-1.54E+00	-1.78E+00	9.18E-02	4.96E-01	1.53E+00	-1.23E+00	-1.95E+00	7.42	-1.25E+00	9.18E-02	
	264.00	6.58E-06	-2.00E-05	-1.38E-05	7.06E-06	3.82E-05	1.18E-04	7.04E-06	-2.05E-05				
127	515.50	1.08E+00	6.22E-01	3.88E-01	-1.84E-01	1.05E+00	1.93E-01	1.15E+00	5.57E-01	-19.33	6.22E-01	1.84E-01	
	276.00	1.86E-05	9.26E-07	-8.05E-06	-1.41E-05	8.07E-05	1.49E-05	2.11E-05	-1.55E-06				
128	531.50	-4.61E-01	-3.42E-01	-7.12E-01	-1.08E-01	4.43E-01	1.13E-01	-2.79E-01	-5.24E-01	-59.40	-4.61E-01	-1.08E-01	
	297.00	-1.07E-06	3.48E-06	-1.07E-05	-8.27E-06	3.41E-05	8.69E-06	5.92E-06	-3.52E-06				
129	515.50	[illegible].60E+00	-2.48E+00	-2.49E+00	4.52E-01	4.84E-01	[illegible]10E+00	-2.08E+00	-3.00E+00	48.94	-2.60E+00	4.52E-01	
	320.0[illegible]	[illegible].69E-05	-1.20E-05	-1.27E-05	3.48E-05	3.72E-05	[illegible]E-05	3.12E-06	-3.20E-05				
183	5[illegible]	[illegible].00E-01	6.03E-02	4.67E-01	-5.86E+00	-1.51E+0[illegible]	[illegible]E+00	5.84E+00	-5.88E+00	-45.39	-1.00E-01	-5[illegible]	

-P [illegible] -8.55E-04 -2.37E-06 1.33E-05 -4.50E-04 -1.14E-04 [illegible]2E-04 2.20E-04 -2.31E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.6369E+02	.3987E+03	-.5969E+02	-.6669E+02	-.1613E+03	.1079E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.8475E+01	-.3741E+01	-.1772E+01	-.5734E+02	.4296E+02	.5363E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.7267E+01	.1175E+01	-.7776E+00	-.9156E+02	.9597E+02	.9744E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1017E+02	-.2326E+01	-.1778E+00	-.1279E+03	.1499E+03	.1423E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1085E+02	.1543E+01	-.1685E+00	-.1644E+03	.2032E+03	.1911E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1611E+01	.1196E+01	-.6925E+00	-.2189E+03	.2576E+03	.2487E+03
25	-.2670E+02	-.4321E+01	-.1548E+00	-.2728E+03	.2839E+03	.3044E+03
26	.1008E+02	.8702E+00	.2478E-01	-.2958E+03	.3000E+03	.3451E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1361E+03	.2624E+02	-.4528E+01	-.3031E+03	.4123E+03	.3779E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2327E+04	-.4028E+03	.1523E+02	-.4228E+03	.1098E+04	.5932E+03
40	-.1616E+04	-.2530E+03	-.4343E+01	-.3980E+03	.1084E+04	.5451E+03
41	-.1055E+04	-.1407E+03	-.2091E+02	-.3450E+03	.9828E+03	.4745E+03
42	-.2512E+03	-.1770E+02	-.1950E+02	-.3030E+03	.6990E+03	.4142E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2504E+04	.3264E+03	.1411E+02	-.6504E+02	.1150E+04	-.2869E+03
48	.2167E+04	.2830E+03	.1550E+02	-.1419E+03	.1065E+04	-.2072E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3751E+04	.5725E+03	.1741E+02	.5680E+02	.7880E+03	-.9085E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1016E+02	-.1941E+02	.1295E+01	-.3752E+02	.1134E+04	-.2683E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2560E+04	.3907E+03	.1732E+02	.6208E+01	.6400E+03	-.8587E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1800E+04	.2752E+03	.2328E+02	.7711E+01	.6054E+03	-.8352E+03
66	.4079E+03	.9552E+02	.2933E+02	.1554E+02	.5155E+03	-.8699E+03
67	-.1238E+04	-.1820E+03	.2936E+02	.1245E+02	.4243E+03	-.8693E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2206E+04	-.3274E+03	.2479E+02	-.9605E+02	.3514E+03	-.8480E+03
76	.2364E+03	.3805E+02	.1702E+02	-.1174E+03	.2493E+03	-.8528E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.9235E+03	-.1372E+03	.1244E+02	-.1401E+03	.1199E+03	-.8258E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3890E+03	.5902E+02	.8964E+01	-.1931E+03	.3964E+02	-.8001E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.5391E+03	-.8133E+02	.7956E+01	-.1549E+03	-.7127E+02	-.7424E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3878E+03	.5252E+02	.6681E+01	-.1404E+03	-.1389E+03	-.6798E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.4089E+03	-.6338E+02	.6847E+01	-.1397E+03	-.2320E+03	-.6103E+03
109	.2402E+03	.3337E+02	.5884E+01	-.1424E+03	-.2959E+03	-.5290E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.3401E+03	-.5443E+02	.5781E+01	-.8727E+02	-.3659E+03	-.4358E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1734E+03	-.2982E+02	.1292E+01	-.5184E+02	-.4014E+03	-.3409E+03
115	-.4645E+02	-.1100E+02	.2598E-02	-.2353E+02	-.4056E+03	-.2446E+03
116	-.1281E+03	-.2382E+02	-.9994E+00	-.1534E+01	-.4206E+03	-.1788E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1360E+03	-.2557E+02	-.2329E+01	-.2729E+02	-.4462E+03	-.1636E+03
[illegible]	-.8076E+02	-.1670E+02	-.3362E+01	.3[illegible]	-.4059E+03	-.8719E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	-.3650E+03	-.3566E+02	-.1590E+02	[illegible]	-.3442E+03	-.4129E+02
	-.2223E+03	-.1519E+02	-.2846E+02	-.1[illegible]	-.3555E+03	-.4805E+02
	-.1709E+03	-.1307E+02	-.2533E+02	-.7[illegible]E+01	-.3117E+03	-.4364E+02
124	-.1261E+03	-.9320E+01	-.1748E+02	-.5179E+01	-.2577E+03	-.4007E+02
125	-.8480E+02	-.5125E+01	-.1264E+02	-.3112E+01	-.2141E+03	-.3665E+02
126	-.3008E+02	.3629E+01	-.1199E+02	-.4961E+00	-.1818E+03	-.3300E+02
127	.1053E+02	.1050E+02	-.1230E+02	.1284E+01	-.1569E+03	-.2827E+02
128	.5297E+02	.1639E+02	-.1200E+02	.5550E+01	-.1054E+03	-.2290E+02
129	.5504E+02	.1446E+02	-.1038E+02	.7494E+01	-.6316E+02	-.1804E+02
130	.3896E+02	.8593E+01	-.7922E+01	.7325E+01	-.3144E+02	-.1445E+02
131	.1064E+02	.1677E+01	-.5651E+01	.6843E+01	-.1323E+02	-.1204E+02
132	-.1069E+01	-.7419E+00	-.4231E+01	.4575E+01	-.1268E+02	-.1023E+02
133	-.2020E+01	-.6373E+00	-.3830E+01	.3180E+01	-.1346E+02	-.8528E+01
134	-.5642E+00	-.1918E+00	-.3789E+01	.2437E+01	-.1119E+02	-.6691E+01
135	-.2422E-01	-.2301E-01	-.4252E+01	.1859E+01	-.7925E+01	-.4934E+01
136	.1074E-02	-.2922E-01	-.5645E+01	.1305E+01	-.5158E+01	-.3299E+01
137	.9020E-01	.2918E-01	-.8806E+01	.9297E+00	-.2340E+01	-.1807E+01
138	-.3376E-01	-.1783E+00	-.1402E+03	.6507E+00	.6287E+00	-.9143E+00
139	-.1316E+00	-.2134E+00	.2855E+02	.1005E+00	-.3399E+00	.3485E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.23210E-01	.13787E-03	-.23376E-01	.00000E+00
3	.42505E-01	.48054E-03	-.42491E-01	.00000E+00
4	.46118E-01	.48524E-03	-.45949E-01	.00000E+00
5	.49812E-01	-.18541E-04	-.49833E-01	.00000E+00
6	.56519E-01	.15735E-05	-.56510E-01	.14824E-04
7	.51770E-01	.11065E-02	-.52548E-01	.00000E+00
8	.56696E-01	.87588E-03	-.56926E-01	.33834E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.23162E-01	.30251E-03	-.23465E-01	.00000E+00
11	.42934E-01	.68223E-03	-.43638E-01	.00000E+00
12	.47743E-01	.83157E-03	-.48709E-01	.00000E+00
13	.51781E-01	.68222E-03	-.52348E-01	.00000E+00
14	.57039E-01	.98321E-03	-.58031E-01	.78138E-05
15	.52454E-01	.17474E-02	-.55347E-01	.00000E+00
16	.57550E-01	.15215E-02	-.59842E-01	-.65559E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.23397E-01	.47632E-03	-.24695E-01	.00000E+00
19	.43691E-01	.10202E-02	-.46308E-01	.00000E+00
20	.48920E-01	.13012E-02	-.51919E-01	.00000E+00
21	.53058E-01	.98713E-03	-.55942E-01	.00000E+00
22	.58261E-01	.12940E-02	-.62364E-01	.38886E-05
23	.54496E-01	.26533E-02	-.61046E-01	.00000E+00
24	.59143E-01	.24432E-02	-.65661E-01	.22777E-04
25	.59755E-01	.30154E-02	-.67762E-01	.16316E-05
26	.60114E-01	.29528E-02	-.68997E-01	-.20455E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.23388E-01	.91922E-03	-.25946E-01	.00000E+00
29	.44655E-01	.19328E-02	-.49287E-01	.00000E+00
30	.49989E-01	.23219E-02	-.55866E-01	.00000E+00
31	.55016E-01	.27984E-02	-.62316E-01	.00000E+00
32	.60489E-01	.33603E-02	-.70360E-01	.60797E-04
33	.54851E-01	.39262E-02	-.67529E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.23195E-01	.12767E-02	-.26139E-01	.00000E+00
36	.44960E-01	.23924E-02	-.50189E-01	.00000E+00
37	.50541E-01	.27142E-02	-.55940E-01	.00000E+00
38	.56488E-01	.35279E-02	-.64903E-01	.00000E+00
39	.61231E-01	.47041E-02	-.72732E-01	-.29791E-04
40	.61111E-01	.48131E-02	-.72184E-01	.75208E-05

41	.60005E-01	.45969E-02	-.71670E-01	.31659E-04
42	.60706E-01	.40706E-02	-.71084E-01	.53196E-04
43	.49890E-01	.33455E-02	-.55766E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.21557E-01	.61470E-04	-.24536E-01	.00000E+00
46	.44676E-01	.21019E-02	-.49202E-01	.00000E+00
47	.61290E-01	.44417E-02	-.72951E-01	-.31065E-04
48	.61272E-01	.45730E-02	-.72913E-01	-.45001E-04
49	.56414E-01	.36095E-02	-.64415E-01	.00000E+00
50	.61832E-01	.45973E-02	-.73175E-01	-.13506E-03
51	.56754E-01	.38443E-02	-.63665E-01	.00000E+00
52	.63750E-01	.40662E-02	-.69658E-01	.00000E+00
53	.61339E-01	.42350E-02	-.73090E-01	-.10329E-04
54	.49571E-01	.22212E-02	-.52614E-01	.00000E+00
55	.55729E-01	.32011E-02	-.58282E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.18547E-01	.20598E-02	-.18958E-01	.00000E+00
58	.39969E-01	.14330E-02	-.36627E-01	.00000E+00
59	.64897E-01	.32368E-02	-.67068E-01	.00000E+00
60	.63804E-01	.39230E-02	-.68012E-01	.00000E+00
61	.62355E-01	.46009E-02	-.73352E-01	-.20886E-03
62	.47037E-01	.12511E-02	-.44211E-01	.00000E+00
63	.54254E-01	.13537E-02	-.52388E-01	.00000E+00
64	.65071E-01	.40748E-02	-.70582E-01	.00000E+00
65	.63063E-01	.46143E-02	-.73517E-01	-.25995E-03
66	.64820E-01	.46380E-02	-.73849E-01	-.31647E-03
67	.66719E-01	.46577E-02	-.74211E-01	-.30238E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.14621E-01	-.21682E-03	-.12066E-01	.00000E+00
70	.42356E-01	.55138E-03	-.38788E-01	.00000E+00
71	.63154E-01	.15677E-02	-.60639E-01	.00000E+00
72	.66817E-01	.39204E-02	-.70930E-01	.00000E+00
73	.52255E-01	.83288E-03	-.45873E-01	.00000E+00
74	.70924E-01	.40945E-02	-.73854E-01	.00000E+00
75	.68339E-01	.46764E-02	-.74528E-01	-.23098E-03
76	.70530E-01	.47696E-02	-.75098E-01	-.16245E-03
77	.60214E-01	.76950E-03	-.54238E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.17462E-01	.58351E-03	-.16628E-01	.00000E+00
80	.40479E-01	-.16368E-03	-.35915E-01	.00000E+00
81	.44902E-01	-.11234E-03	-.39543E-01	.00000E+00
82	.50191E-01	-.16254E-03	-.45931E-01	.00000E+00
83	.70531E-01	.18162E-02	-.67313E-01	.00000E+00
84	.66494E-01	.81420E-03	-.61025E-01	.00000E+00
85	.73014E-01	.48312E-02	-.75841E-01	-.13021E-03
86	.73507E-01	.42292E-02	-.75566E-01	.00000E+00
87	.60772E-01	.48612E-03	-.53314E-01	.00000E+00
88	.73566E-01	.35397E-02	-.72370E-01	.00000E+00
89	.74737E-01	.49568E-02	-.76540E-01	-.10533E-03
90	.47309E-01	-.17205E-03	-.34755E-01	.00000E+00
91	.50720E-01	-.30970E-03	-.37466E-01	.00000E+00
92	.54455E-01	.62538E-03	-.39623E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.20638E-01	.00000E+00	-.15428E-01	.00000E+00
95	.37792E-01	.00000E+00	-.27501E-01	.00000E+00
96	.43178E-01	.00000E+00	-.31119E-01	.00000E+00
97	.45178E-01	.00000E+00	-.31467E-01	.00000E+00
98	.44531E-01	.00000E+00	-.30927E-01	.00000E+00
99	.48405E-01	.31385E-03	-.33281E-01	.00000E+00
100	.59456E-01	.90179E-03	-.44371E-01	.00000E+00
101	.71095E-01	.23069E-02	-.62119E-01	.00000E+00
[illegible]	.77391E-01	.51049E-02	-.77559E-01	[illegible]4260E-04
[illegible]	.74062E-01	.25849E-02	-.70166E-01	[illegible]0000E+00
[illegible]	.78323E-01	.47124E-02	-.78141E-01	[illegible]0000E+00

	.79249E-01	.52140E-02	-.78410E-01	[illegible]3075E-04
	.77444E-01	.30191E-02	-.75030E-01	[illegible]000E+00
107	.81374E-01	.51154E-02	-.79698E-01	[illegible]00000E+00
108	.81360E-01	.53247E-02	-.79219E-01	-.77421E-04
109	.82003E-01	.54098E-02	-.79837E-01	-.65736E-04
110	.82092E-01	.54833E-02	-.78598E-01	.00000E+00
111	.84903E-01	.59266E-02	-.82083E-01	.00000E+00
112	.84567E-01	.55075E-02	-.80378E-01	-.58795E-04
113	.84141E-01	.53302E-02	-.79980E-01	.00000E+00
114	.85490E-01	.54435E-02	-.80684E-01	-.22224E-04
115	.85796E-01	.55279E-02	-.80921E-01	-.70033E-05
116	.85872E-01	.54582E-02	-.80902E-01	.26096E-05
117	.85346E-01	.60385E-02	-.83065E-01	.00000E+00
118	.85794E-01	.54547E-02	-.80897E-01	.10413E-04
119	.85490E-01	.54471E-02	-.80833E-01	.19112E-04
120	.85071E-01	.59583E-02	-.82774E-01	.00000E+00
121	.84876E-01	.53552E-02	-.80604E-01	.35285E-04
122	.84804E-01	.50549E-02	-.80671E-01	.43936E-04
123	.84691E-01	.47671E-02	-.80714E-01	.50855E-04
124	.84559E-01	.44339E-02	-.80759E-01	.58956E-04
125	.84380E-01	.40456E-02	-.80802E-01	.69851E-04
126	.84018E-01	.32913E-02	-.80872E-01	.81225E-04
127	.83618E-01	.24419E-02	-.80939E-01	.84425E-04
128	.82833E-01	.67908E-03	-.81075E-01	.71991E-04
129	.82265E-01	-.67966E-03	-.81198E-01	.50487E-04
130	.81898E-01	-.16409E-02	-.81332E-01	.24528E-04
131	.81805E-01	-.19708E-02	-.81536E-01	-.49425E-05
132	.81962E-01	-.15099E-02	-.81720E-01	-.12805E-04
133	.82106E-01	-.10171E-02	-.81882E-01	-.97142E-05
134	.82182E-01	-.71606E-03	-.82017E-01	-.55330E-05
135	.82224E-01	-.52932E-03	-.82127E-01	-.39527E-05
136	.82252E-01	-.36453E-03	-.82207E-01	-.40559E-05
137	.82269E-01	-.20956E-03	-.82256E-01	-.37612E-05
138	.82281E-01	-.34889E-04	-.82281E-01	-.46596E-05
139	.82281E-01	-.41570E-05	-.82281E-01	-.42089E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.50E-02	8.25E-02	-7.25E-03	2.84E+00	1.45E-02	-2.88E+00	2.89E+00	-2.79E+00	45.29	2.50E-02	2.84E+00
	-303.00	-1.65E-07	2.45E-06	-1.63E-06	2.58E-04	1.32E-06	-2.62E-04	1.30E-04	-1.28E-04			
2	72.00	4.86E-02	1.15E-01	-6.92E-02	2.40E+00	9.16E-04	-2.46E+00	2.48E+00	-2.31E+00	45.40	4.86E-02	2.40E+00
	-213.00	9.78E-07	4.01E-06	-4.38E-06	2.18E-04	8.32E-08	-2.24E-04	1.11E-04	-1.06E-04			
3	72.00	3.83E-01	1.41E-01	-1.58E-01	1.60E+00	-1.77E-01	-1.75E+00	1.87E+00	-1.35E+00	42.84	3.83E-01	1.60E+00
	-138.00	6.79E-06	1.28E-06	-5.51E-06	7.29E-05	-8.05E-06	-7.97E-05	4.06E-05	-3.25E-05			
4	24.00	2.15E+00	1.28E+00	1.63E+00	3.03E+00	-5.82E-01	-3.38E+00	6.77E+00	-1.35E+00	40.89	2.15E+00	3.03E+00
	-68.00	2.72E-05	-6.44E-06	7.02E-06	2.33E-04	-4.47E-05	-2.60E-04	1.28E-04	-1.07E-04			
5	72.00	-7.61E-01	-4.42E-01	-9.69E-01	1.35E+00	2.27E-02	-1.40E+00	7.54E-01	-1.96E+00	48.38	-4.42E-01	-1.35E+00
	-88.00	-5.39E-06	6.87E-06	-1.34E-05	1.04E-04	1.75E-06	-1.08E-04	5.29E-05	-5.14E-05			
6	120.00	-4.26E-01	-4.41E-01	-6.40E-01	2.55E+00	1.41E-01	-2.50E+00	2.11E+00	-2.98E+00	44.92	2.07E+00	-4.66E-01
	-68.00	1.63E-07	-3.97E-07	-8.05E-06	1.96E-04	1.08E-05	-1.92E-04	9.78E-05	-9.80E-05			
7	36.25	6.95E-01	2.57E-01	1.25E-01	1.48E+00	-1.93E-01	-1.41E+00	1.98E+00	-1.02E+00	40.61	6.43E-01	1.49E+00
	-10.00	1.49E-05	-1.93E-06	-7.03E-06	1.14E-04	-1.48E-05	-1.09E-04	6.42E-05	-5.12E-05			
8	108.00	-8.49E-02	-1.33E-01	-3.04E-01	1.11E+00	-4.53E-03	-1.24E+00	1.00E+00	-1.22E+00	44.38	-8.49E-02	1.11E+00
	-10.00	2.47E-06	6.07E-07	-5.94E-06	8.56E-05	-3.49E-07	-9.52E-05	4.43E-05	-4.13E-05			
9	216.00	1.62E-01	2.39E-01	1.03E-01	2.85E+00	-2.66E-02	-2.95E+00	3.05E+00	-2.65E+00	45.39	1.62E-01	2.85E+00
	-303.00	8.16E-07	4.32E-06	-1.85E-06	2.59E-04	-2.42E-06	-2.68E-04	1.32E-04	-1.27E-04			
10	216.00	2.21E-01	2.50E-01	9.45E-03	2.46E+00	-8.50E-02	-2.59E+00	2.70E+00	-2.23E+00	45.17	2.21E-01	2.46E+00
	-213.00	3.79E-06	5.14E-06	-5.81E-06	2.24E-04	-7.73E-06	-2.35E-04	1.16E-04	-1.07E-04			
11	216.00	3.50E-01	2.12E-01	-3.27E-01	1.90E+00	-2.59E-01	-2.06E+00	2.18E+00	-1.62E+00	43.96	3.50E-01	1.90E+00

	-138.00	6.72E-06	3.50E-06	-9.67E-06	8.65E-05	-1.16E-05	-4.35E-05	4.84E-05	-3.61E-05				
12	168.00	9.65E-01	9.89E-01	5.72E-01	2.96E+00	-4.67E-01	-3.08E+00	3.94E+00	-1.99E+00	45.12	9.65E-01	2.96E+00	
	-68.00	9.35E-06	1.03E-05	-5.75E-06	2.28E-04	-3.59E-05	-2.37E-04	1.24E-04	-1.04E-04				
13	216.00	-6.68E-01	-4.11E-01	-1.07E+00	1.23E+00	-8.38E-02	-1.19E+00	5.68E-01	-1.95E+00	51.40	-4.11E-01	-1.23E+00	
	-88.00	-1.03E-05	1.12E-05	-1.43E-05	9.43E-05	-6.44E-06	-9.17E-05	4.88E-05	-4.79E-05				
14	264.00	-1.14E-01	-4.11E-01	-6.37E-01	2.49E+00	4.50E-02	-2.55E+00	2.23E+00	-2.75E+00	43.29	2.16E+00	-5.94E-01	
	-68.00	8.39E-06	-3.03E-06	-1.17E-05	1.91E-04	3.46E-06	-1.96E-04	9.85E-05	-9.31E-05				
15	180.00	2.24E-01	4.12E-02	-2.35E-01	1.31E+00	-3.13E-01	-1.23E+00	1.45E+00	-1.18E+00	43.01	2.24E-01	1.31E+00	
	-19.00	8.27E-06	1.25E-06	-9.35E-06	1.01E-04	-2.40E-05	-5.47E-05	5.54E-05	-4.56E-05				
16	252.00	1.43E-01	-6.09E-02	-4.06E-01	1.06E+00	-1.25E-01	-1.30E+00	1.10E+00	-1.02E+00	42.24	1.43E-01	1.06E+00	
	-19.00	9.07E-06	1.21E-06	-1.21E-05	8.14E-05	-9.58E-06	-9.97E-05	4.61E-05	-3.58E-05				
17	361.00	2.21E-01	3.92E-01	1.63E-01	2.88E+00	-1.77E-02	-3.11E+00	3.18E+00	-2.57E+00	45.85	2.21E-01	2.88E+00	
	-303.00	-3.15E-08	7.74E-06	-2.67E-06	2.61E-04	-1.61E-06	-2.82E-04	1.35E-04	-1.27E-04				
18	361.00	2.59E-01	3.78E-01	1.77E-02	2.59E+00	-7.47E-02	-2.78E+00	2.91E+00	-2.27E+00	45.66	2.59E-01	2.59E+00	
	-213.00	8.27E-06	8.67E-06	-7.69E-06	2.36E-04	-6.79E-06	-2.53E-04	1.24E-04	-1.12E-04				
19	361.00	3.76E-01	3.00E-01	-4.40E-01	2.06E+00	-2.75E-01	-2.34E+00	2.40E+00	-1.73E+00	44.48	3.76E-01	2.06E+00	
	-138.00	7.30E-06	5.59E-06	-1.12E-05	9.38E-05	-1.25E-05	-1.06E-04	5.34E-05	-4.05E-05				
20	312.00	1.68E+00	1.48E+00	9.00E-01	3.37E+00	-7.92E-01	-3.77E+00	4.95E+00	-1.79E+00	44.14	1.68E+00	3.37E+00	
	-68.00	2.00E-05	1.22E-05	-9.93E-06	2.59E-04	-6.09E-05	-2.90E-04	1.46E-04	-1.14E-04				
21	360.67	-1.55E+00	-9.40E-01	-1.59E+00	1.61E+00	-2.98E-02	-1.77E+00	3.96E-01	-2.89E+00	50.38	-9.40E-01	-1.61E+00	
	-88.00	-1.49E-05	8.73E-06	-1.63E-05	1.24E-04	-2.29E-06	-1.36E-04	6.01E-05	-6.62E-05				
22	409.33	9.23E-01	1.30E+00	3.67E-01	3.18E+00	-3.65E-02	-3.99E+00	4.30E+00	-2.07E+00	46.70	4.26E+00	-4.72E-01	
	-68.00	7.02E-06	2.16E-05	-1.44E-05	2.45E-04	-2.81E-06	-3.07E-04	1.37E-04	-1.08E-04				
23	324.00	4.87E-01	8.51E-02	-3.34E-01	1.36E+00	-5.57E-01	-1.31E+00	1.66E+00	-1.09E+00	40.80	4.87E-01	1.36E+00	
	-19.00	1.61E-05	6.62E-07	-1.55E-05	1.05E-04	-4.29E-05	-1.01E-04	6.13E-05	-4.45E-05				
24	372.00	3.30E-01	-1.51E-01	-5.69E-01	3.47E+00	-5.30E-01	-3.67E+00	3.57E+00	-3.39E+00	43.02	3.30E-01	3.47E+00	
	-9.33	1.70E-05	-1.52E-06	-1.76E-05	2.67E-04	-4.07E-05	-2.82E-04	1.41E-04	-1.26E-04				
25	401.25	1.05E-01	-7.32E-02	-6.85E-01	1.14E+00	-1.93E-01	-1.53E+00	1.16E+00	-1.13E+00	42.77	-9.66E-01	5.85E-01	
	-39.00	1.12E-05	4.36E-06	-1.92E-05	8.77E-05	-1.49E-05	-1.18E-04	5.17E-05	-3.62E-05				
26	427.67	1.80E+00	1.86E+00	8.42E-01	3.88E+00	-7.10E-01	-5.19E+00	5.70E+00	-2.05E+00	45.22	4.10E+00	3.14E+00	
	-9.33	1.98E-05	2.20E-05	-1.71E-05	2.98E-04	-5.46E-05	-3.99E-04	1.70E-04	-1.28E-04				
27	457.00	2.58E-01	5.75E-01	2.40E-01	2.89E+00	1.01E-02	-3.20E+00	3.31E+00	-2.48E+00	46.57	2.58E-01	2.89E+00	
	-303.00	-2.21E-06	1.22E-05	-3.02E-06	2.63E-04	9.18E-07	-2.91E-04	1.37E-04	-1.27E-04				
28	457.00	2.22E-01	4.56E-01	1.21E-02	2.73E+00	-3.85E-02	-2.94E+00	3.07E+00	-2.39E+00	46.23	2.22E-01	2.73E+00	
	-213.00	1.11E-06	1.18E-05	-8.41E-06	2.48E-04	-3.50E-06	-2.67E-04	1.31E-04	-1.18E-04				
29	457.00	5.34E-01	3.89E-01	-3.85E-01	2.20E+00	2.09E-02	-2.37E+00	2.66E+00	-1.74E+00	44.05	5.34E-01	2.20E+00	
	-138.00	9.32E-06	6.01E-06	-1.16E-05	1.00E-04	9.50E-07	-1.08E-04	5.77E-05	-4.24E-05				
30	442.00	9.89E-01	2.28E+00	8.22E-01	3.84E+00	5.77E-02	-4.31E+00	5.53E+00	-2.26E+00	49.75	9.89E-01	3.84E+00	
	-68.00	-6.87E-06	4.26E-05	-1.33E-05	2.96E-04	4.44E-06	-3.31E-04	1.68E-04	-1.32E-04				
31	457.33	-4.47E+00	-1.86E+00	-2.96E+00	1.30E+00	1.97E+00	-2.25E+00	-1.33E+00	-5.00E+00	67.58	-1.86E+00	-1.30E+00	
	-88.00	-6.97E-05	3.05E-05	-1.18E-05	9.96E-05	1.52E-04	-1.73E-04	5.10E-05	-9.03E-05				
32	472.67	7.67E+00	6.97E+00	5.44E+00	3.28E+00	-1.25E+00	-5.39E+00	1.06E+01	4.02E+00	41.93	9.70E+00	2.27E+00	
	-68.00	7.44E-05	4.73E-05	-1.14E-05	2.52E-04	-9.65E-05	-4.14E-04	1.88E-04	-6.59E-05				
33	443.00	6.31E-01	5.88E-01	-2.35E-01	2.01E+00	-2.74E-01	-2.05E+00	2.62E+00	-1.40E+00	44.69	6.31E-01	2.01E+00	
	-19.50	1.35E-05	1.18E-05	-1.98E-05	1.54E-04	-2.11E-05	-1.58E-04	8.99E-05	-6.46E-05				
34	454.00	6.28E+00	5.07E+00	3.92E+00	5.01E+00	-1.49E+00	-6.57E+00	1.07E+01	6.32E-01	41.55	8.28E+00	4.32E+00	
	-11.33	7.37E-05	2.71E-05	-1.69E-05	3.85E-04	-1.15E-04	-5.06E-04	2.44E-04	-1.43E-04				
35	461.67	2.08E+00	2.87E+00	1.38E+00	4.73E+00	-3.91E-01	-6.84E+00	7.23E+00	-2.27E+00	47.39	2.08E+00	4.73E+00	
	-12.00	1.05E-05	4.09E-05	-1.66E-05	3.64E-04	-3.01E-05	-5.26E-04	2.08E-04	-1.57E-04				
36	469.00	-3.86E+00	-1.34E+00	-2.73E+00	4.39E-01	1.73E+00	-2.73E+00	-1.26E+00	-3.93E+00	80.41	-1.34E+00	-4.39E-01	
	-30.00	-6.13E-05	3.57E-05	-1.79E-05	3.38E-05	1.33E-04	-2.10E-04	3.86E-05	-6.42E-05				
37	476.33	3.44E+00	4.91E+00	2.70E+00	3.27E+00	-4.19E-01	-5.62E+00	7.52E+00	8.25E-01	51.32	4.78E+00	3.29E+00	
	-12.00	1.10E-05	6.74E-05	-1.77E-05	2.51E-04	-3.22E-05	-4.32E-04	1.68E-04	-8.96E-05				
38	550.50	-1.32E-01	1.46E-01	-7.62E-02	2.69E+00	8.54E-02	-3.10E+00	2.70E+00	-2.69E+00	46.48	-1.32E-01	2.69E+00	
	-303.00	-5.18E-06	7.43E-06	-2.66E-06	2.45E-04	7.76E-06	-2.82E-04	1.24E-04	-1.21E-04				
39	558.50	5.81E-02	5.77E-01	3.76E-02	2.69E+00	1.68E-01	-3.01E+00	3.02E+00	-2.39E+00	47.75	5.81E-02	2.69E+00	
	-213.00	-6.09E-06	1.75E-05	-7.02E-06	2.45E-04	1.53E-05	-2.73E-04	1.29E-04	-1.17E-04				
40	506.17	-8.41E-02	1.47E+00	-1.74E-01	6.08E+00	2.76E-01	-6.37E+00	6.82E+00	-5.43E+00	48.65	-8.41E-02	6.08E+00	
	-128.00	-8.28E-06	2.71E-05	-1.03E-05	2.76E-04	1.25E-05	-2.89E-04	1.49E-04	-1.30E-04				
41	550.50	-2.00E+00	9.11E-01	-9.14E-01	2.62E+00	1.37E+00	-3.69E+00	2.43E+00	-3.60E+00	59.87	9.11E-01	-2.62E+00	
	-148.00	-3.68E-05	3.11E-05	-8.10E-06	1.19E-04	6.25E-05	-1.68E-04	6.56E-05	-7.13E-05				
42	610.83	2.57E-01	1.52E+00	1.10E-01	5.19E+00	1.05E+00	-4.98E+00	6.12E+00	-4.34E+00	48.48	6.06E+00	-7.51E-01	
	-128.00	[illegible].07E-06	2.47E-05	-7.41E-06	2.36E-04	4.76E-05	[illegible]7E-04	1.29E-04	-1.08E-04				
43	50[illegible]	[illegible].67E-01	[illegible].97E-02	-7.93E-01	1.40E+00	4.63E-0[illegible]	[illegible]E+00	1.07E+00	-1.80E+00	51.12	-6.67E-01	1.[illegible]	

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	-78.[illegible]	[illegible].94E-06	1.44E-05	-1.38E-05	1.08E-04	3.54E-05	[illegible]E-04	5.78E-05	-5.24E-05				
44	534.4[illegible]	[illegible].92E-01	1.32E+00	4.83E-01	4.43E+00	2.79E-01	[illegible]E+00	5.54E+00	-3.33E+00	46.37	5.50E+00	-5.61[illegible]	
	-68.00	4.75E-06	2.10E-05	-1.10E-05	3.41E-04	2.15E-05	-4.14E-04	1.83E-04	-1.58E-04				
45	584.67	-8.01E-01	-9.23E-02	-7.23E-01	4.13E+00	1.02E+00	-4.04E+00	3.70E+00	-4.55E+00	47.45	-8.01E-01	4.13E+00	
	-68.00	-1.31E-05	1.42E-05	-1.01E-05	3.18E-04	7.86E-05	-3.11E-04	1.60E-04	-1.59E-04				
46	610.83	-4.36E+00	-7.52E-01	-2.22E+00	2.20E+00	2.05E+00	-3.19E+00	2.95E-01	-5.39E+00	44.58	-7.52E-01	-2.20E+00	
	-88.00	-8.66E-05	5.14E-05	-4.98E-06	1.69E-04	1.58E-04	-2.45E-04	9.17E-05	-1.27E-04				
47	482.63	-1.52E-01	3.90E-01	-6.51E-01	1.04E+00	5.14E-01	-2.07E+00	1.30E+00	-9.58E-01	52.29	-1.52E-01	1.04E+00	
	-21.00	-1.32E-06	1.95E-05	-2.05E-05	8.02E-05	3.96E-05	-1.59E-04	5.05E-05	-3.23E-05				
48	485.83	2.07E+00	3.21E+00	1.51E+00	3.03E+00	7.51E-02	-6.25E+00	5.72E+00	-6.40E-01	50.30	2.47E+00	3.07E+00	
	-12.00	5.10E-06	4.87E-05	-1.65E-05	2.33E-04	5.78E-06	-4.81E-04	1.45E-04	-9.15E-05				
49	507.88	-1.33E-01	-4.42E-03	-7.42E-01	1.13E+00	2.85E-01	-2.24E+00	1.06E+00	-1.20E+00	46.64	-1.33E-01	1.13E+00	
	-21.00	4.54E-06	9.50E-06	-1.89E-05	8.68E-05	2.22E-05	-1.72E-04	5.05E-05	-3.64E-05				
50	538.67	7.82E-01	9.01E-01	2.06E-01	3.97E+00	1.38E+00	-4.73E+00	4.81E+00	-3.13E+00	45.43	4.80E+00	-3.24E-01	
	-10.00	9.30E-06	1.39E-05	-1.28E-05	3.05E-04	1.07E-04	-3.64E-04	1.64E-04	-1.41E-04				
51	484.67	-1.24E+01	-8.60E+00	-9.29E+00	-3.08E-01	6.69E-01	-6.87E-01	-8.58E+00	-1.25E+01	-85.42	-8.60E+00	3.08E-01	
	8.00	-1.45E-04	2.26E-06	-2.41E-05	-2.37E-05	6.68E-05	-5.28E-05	3.21E-06	-1.46E-04				
52	507.00	2.80E+00	3.50E+00	1.79E+00	1.93E+00	6.28E-01	1.65E+00	5.11E+00	1.19E+00	50.16	4.66E+00	1.26E+00	
	9.00	1.87E-05	4.58E-05	-2.01E-05	1.49E-04	4.83E-05	1.27E-04	1.08E-04	-4.32E-05				
53	603.00	-4.42E-02	-8.74E-03	-2.60E-01	1.63E+00	6.64E-01	-1.60E+00	1.60E+00	-1.66E+00	45.31	-1.06E+00	1.26E+00	
	-18.00	1.74E-06	3.11E-06	-6.57E-06	1.25E-04	5.11E-05	-1.23E-04	6.51E-05	-6.03E-05				
54	712.00	-1.96E-01	2.84E-01	-1.46E-03	2.52E+00	2.18E-01	-2.67E+00	2.58E+00	-2.45E+00	47.72	-1.96E-01	2.52E+00	
	-303.00	-1.00E-05	1.18E-05	-1.19E-06	2.29E-04	1.98E-05	-2.42E-04	1.16E-04	-1.14E-04				
55	712.00	-1.41E+00	-6.62E-01	-8.77E-01	2.77E+00	6.83E-01	-2.61E+00	1.76E+00	-3.83E+00	48.83	-1.41E+00	2.77E+00	
	-213.00	-2.57E-05	8.19E-06	-1.61E-06	2.52E-04	6.21E-05	-2.37E-04	1.18E-04	-1.36E-04				
56	712.00	-1.91E+00	-8.85E-01	-8.65E-01	2.08E+00	1.55E+00	-2.07E+00	7.45E-01	-3.54E+00	51.90	-1.91E+00	2.08E+00	
	-138.00	-2.41E-05	-9.38E-07	-4.92E-07	9.45E-05	7.04E-05	-9.41E-05	3.61E-05	-6.12E-05				
57	712.00	-5.94E-01	-1.42E-02	-2.55E-01	1.33E+00	6.26E-01	-1.56E+00	1.05E+00	-1.66E+00	51.16	-5.94E-01	1.33E+00	
	-78.00	-1.34E-05	8.94E-06	-3.17E-07	1.02E-04	4.80E-05	-1.18E-04	5.00E-05	-5.45E-05				
58	712.00	-7.09E-01	-3.63E-01	-4.33E-01	1.80E+00	5.36E-01	-1.89E+00	1.27E+00	-2.35E+00	47.74	-7.09E-01	1.80E+00	
	-18.00	-1.07E-05	2.58E-06	-1.20E-07	1.39E-04	4.12E-05	-1.45E-04	6.56E-05	-7.37E-05				
59	837.00	-7.15E+00	-3.93E+00	-4.43E+00	2.12E+00	1.39E+00	-2.32E+00	-2.88E+00	-8.20E+00	43.65	-3.93E+00	-2.12E+00	
	-318.00	-1.24E-04	2.29E-05	.00E+00	1.92E-04	1.26E-04	-2.11E-04	7.05E-05	-1.71E-04				
60	887.00	-9.33E-01	4.07E-02	-3.57E-01	5.67E+00	5.05E-01	-5.27E+00	5.25E+00	-6.14E+00	47.45	4.79E+00	-2.24E+00	
	-288.00	-2.62E-05	1.81E-05	.00E+00	5.16E-04	4.60E-05	-4.79E-04	2.55E-04	-2.63E-04				
61	987.00	1.33E+00	9.48E-01	9.10E-01	5.77E+00	-3.35E-01	-4.98E+00	6.91E+00	-4.63E+00	44.06	1.33E+00	5.77E+00	
	-288.00	1.89E-05	1.73E-06	.00E+00	5.24E-04	-3.04E-05	-4.53E-04	2.73E-04	-2.52E-04				
62	1037.00	-7.11E+00	-4.26E+00	-4.55E+00	4.23E+00	1.22E+00	-4.06E+00	-1.22E+00	-1.01E+01	54.32	-4.26E+00	-4.23E+00	
	-318.00	-1.16E-04	1.31E-05	.00E+00	3.84E-04	1.11E-04	-3.70E-04	1.51E-04	-2.54E-04				
63	862.00	-1.74E-01	-3.64E-02	-3.27E-03	2.89E+00	1.45E-01	-2.73E+00	2.78E+00	-2.99E+00	45.68	-1.74E-01	2.89E+00	
	-213.00	-5.13E-06	1.12E-06	2.63E-06	2.62E-04	1.31E-05	-2.48E-04	1.29E-04	-1.33E-04				
64	1012.00	3.40E-01	2.70E-01	3.31E-01	3.10E+00	-9.33E-02	-2.81E+00	3.41E+00	-2.80E+00	44.68	3.40E-01	3.10E+00	
	-213.00	3.21E-06	5.01E-08	2.85E-06	2.82E-04	-8.48E-06	-2.56E-04	1.43E-04	-1.39E-04				
65	837.00	6.10E-02	-1.36E-01	2.21E-01	2.21E+00	6.76E-02	-2.80E+00	2.18E+00	-2.25E+00	43.72	-1.36E-01	-2.21E+00	
	-148.00	6.22E-07	-3.87E-06	4.26E-06	1.01E-04	3.07E-06	-1.27E-04	4.87E-05	-5.19E-05				
66	937.00	-3.84E-01	-2.06E-02	9.64E-02	3.87E+00	2.59E-01	-3.41E+00	3.68E+00	-4.08E+00	46.34	2.60E+00	-2.68E+00	
	-128.00	-7.12E-06	1.15E-06	3.81E-06	1.76E-04	1.18E-05	-1.55E-04	8.52E-05	-9.11E-05				
67	1037.00	-3.59E+00	-5.81E-01	-1.00E+00	3.71E+00	1.28E+00	-3.71E+00	1.92E+00	-6.09E+00	56.04	-5.81E-01	-3.71E+00	
	-148.00	-5.45E-05	1.39E-05	4.40E-06	1.69E-04	5.81E-05	-1.69E-04	7.07E-05	-1.11E-04				
68	837.00	-1.07E+00	-8.33E-01	-6.40E-01	4.21E+00	5.21E-01	-3.92E+00	3.26E+00	-5.17E+00	45.82	-1.07E+00	4.21E+00	
	-68.00	-1.33E-05	-4.05E-06	3.38E-06	3.24E-04	4.01E-05	-3.02E-04	1.53E-04	-1.71E-04				
69	937.00	-1.50E+00	1.26E-01	-3.40E-01	2.23E+00	6.04E-01	-2.06E+00	1.69E+00	-3.06E+00	54.99	1.26E-01	-2.23E+00	
	-88.00	-3.87E-05	2.36E-05	5.72E-06	1.72E-04	4.65E-05	-1.58E-04	8.37E-05	-9.88E-05				
70	1037.00	-7.24E-02	6.51E-01	4.20E-01	3.80E+00	-7.22E-02	-4.14E+00	4.11E+00	-3.53E+00	47.72	3.17E+00	-2.50E+00	
	-68.00	-1.38E-05	1.41E-05	5.17E-06	2.92E-04	-5.55E-06	-3.18E-04	1.47E-04	-1.47E-04				
71	862.00	-9.67E-01	-5.06E-01	-4.13E-01	1.77E+00	4.97E-01	-1.82E+00	1.05E+00	-2.52E+00	48.71	-9.67E-01	1.77E+00	
	-18.00	-1.65E-05	1.25E-06	4.95E-06	1.36E-04	3.82E-05	-1.40E-04	6.10E-05	-7.62E-05				
72	1012.00	1.71E-01	4.28E-01	4.56E-01	1.95E+00	-3.98E-02	-1.71E+00	2.26E+00	-1.66E+00	46.88	1.71E-01	1.95E+00	
	-18.00	-5.02E-06	4.87E-06	5.95E-06	1.50E-04	-3.06E-06	-1.32E-04	7.52E-05	-7.54E-05				
73	1387.00	3.67E-01	3.81E-01	3.32E-01	2.32E+00	-9.80E-04	-1.96E+00	2.70E+00	-1.95E+00	45.09	3.67E-01	2.32E+00	
	-303.00	2.65E-06	3.28E-06	1.09E-06	2.11E-04	-8.91E-08	-1.78E-04	1.09E-04	-1.03E-04				
74	1387.00	7.10E-03	-9.47E-02	8.10E-02	2.45E+00	4.67E-02	-1.92E+00	2.41E+00	-2.50E+00	44.41	7.10E-03	2.45E+00	
	-213.00	4.08E-07	-4.22E-06	3.77E-06	2.23E-04	4.25E-06	-1.74E-04	1.10E-04	-1.13E-04				
75	1367.00	-7.53E-02	1.07E-01	3.42E-01	1.80E+00	1.81E-01	-1.33E+00	1.82E+00	-1.79E+00	46.45	-7.53E-02	1.80E+00	

	-138.00	-3.68E-06	4.76E-07	5.82E-06	8.20E-05	8.22E-06	-6.03E-05	3.94E-05	-4.26E-05				
76	1187.00	-6.53E-01	-4.72E-01	-2.96E-01	2.81E+00	4.26E-01	-1.73E+00	2.25E+00	-3.38E+00	45.92	-6.53E-01	2.81E+00	
	-68.00	-9.61E-06	-2.67E-06	4.51E-06	2.16E-04	3.27E-05	-1.33E-04	1.02E-04	-1.14E-04				
77	1387.00	-7.57E-01	-5.40E-01	-2.02E-01	1.35E+00	3.31E-01	-1.18E+00	7.07E-01	-2.06E+00	47.29	-5.40E-01	-1.35E+00	
	-88.00	-1.26E-05	-4.30E-06	8.69E-06	1.04E-04	2.54E-05	-9.09E-05	4.37E-05	-6.06E-05				
78	1587.00	-3.08E-01	-1.98E-01	7.43E-02	1.77E+00	4.37E-02	-9.39E-01	1.52E+00	-2.02E+00	45.89	4.78E-01	-1.61E+00	
	-68.00	-7.10E-06	-2.87E-06	7.60E-06	1.36E-04	3.36E-06	-7.22E-05	6.31E-05	-7.31E-05				
79	1237.00	-1.07E+00	-3.94E-01	-3.08E-01	1.50E+00	4.87E-01	-1.09E+00	8.06E-01	-2.27E+00	51.31	-1.07E+00	1.50E+00	
	-18.00	-2.16E-05	4.27E-06	7.58E-06	1.15E-04	3.75E-05	-8.41E-05	5.04E-05	-6.77E-05				
80	1433.80	-6.46E-01	-1.26E-01	9.95E-03	1.77E+00	2.74E-01	-8.54E-01	1.41E+00	-2.18E+00	49.18	-6.46E-01	1.77E+00	
	-8.00	-1.65E-05	3.54E-06	8.76E-06	1.36E-04	2.11E-05	-6.57E-05	6.25E-05	-7.54E-05				
81	1533.80	-1.07E+00	-2.20E-01	-1.92E-01	9.98E-01	2.47E-01	-5.31E-01	4.35E-01	-1.73E+00	56.57	-2.20E-01	-9.98E-01	
	-28.00	-2.50E-05	7.86E-06	8.94E-06	7.68E-05	1.90E-05	-4.09E-05	3.32E-05	-5.03E-05				
82	1633.80	-1.18E+00	-4.18E-01	-3.36E-01	3.93E-01	8.26E-02	-1.59E-01	-2.52E-01	-1.35E+00	67.14	-2.54E-01	-4.33E-02	
	-8.00	-2.43E-05	5.23E-06	8.39E-06	3.03E-05	6.36E-06	-1.22E-05	1.16E-05	-3.07E-05				
83	1433.80	-4.35E+00	-1.85E+00	-2.09E+00	1.12E+00	1.23E+00	-6.02E-01	-1.42E+00	-4.78E+00	69.00	-1.85E+00	-1.12E+00	
	27.60	-7.61E-05	2.00E-05	1.05E-05	8.65E-05	9.42E-05	-4.63E-05	3.66E-05	-9.27E-05				
84	1296.10	-1.56E+00	-1.87E-01	-3.43E-01	1.22E+00	5.76E-01	-6.75E-01	5.25E-01	-2.27E+00	59.69	-9.40E-01	-1.40E+00	
	40.70	-3.70E-05	1.58E-05	9.77E-06	9.38E-05	4.43E-05	-5.19E-05	4.32E-05	-6.44E-05				
85	1148.60	-7.37E-01	3.16E-01	6.72E-02	1.70E+00	6.67E-01	-6.74E-01	1.57E+00	-1.95E+00	53.59	1.28E+00	9.66E-01	
	57.33	-2.44E-05	1.60E-05	6.49E-06	1.31E-04	5.13E-05	-5.18E-05	6.42E-05	-7.26E-05				
86	1131.40	-5.46E+00	-2.74E+00	-2.79E+00	5.67E-01	2.13E+00	-1.58E-01	-2.62E+00	-5.58E+00	78.70	-2.74E+00	-5.67E-01	
	112.00	-8.93E-05	1.55E-05	1.33E-05	4.37E-05	1.64E-04	-1.22E-05	1.99E-05	-9.37E-05				
87	1019.80	-1.53E+00	-4.93E-01	-5.44E-01	1.70E+00	7.33E-01	-2.50E+00	7.66E-01	-2.79E+00	53.50	-4.93E-01	-1.70E+00	
	24.67	-3.07E-05	9.29E-06	7.31E-06	1.31E-04	5.64E-05	-1.93E-04	5.77E-05	-7.91E-05				
88	886.60	-8.44E-01	-2.41E-01	-2.58E-01	1.41E+00	3.65E-01	-1.61E+00	9.01E-01	-1.95E+00	51.03	-8.44E-01	1.41E+00	
	46.00	-1.77E-05	5.49E-06	4.84E-06	1.09E-04	2.81E-05	-1.24E-04	4.94E-05	-6.17E-05				
89	869.80	-3.75E+00	-1.70E+00	-1.95E+00	7.59E-01	1.05E+00	-7.85E-01	-1.45E+00	-4.00E+00	71.77	-1.70E+00	-7.59E-01	
	96.00	-6.30E-05	1.60E-05	6.29E-06	5.84E-05	8.11E-05	-6.04E-05	2.56E-05	-7.26E-05				
90	952.60	-6.90E-01	1.79E+00	6.48E-01	2.13E+00	6.43E-01	-1.55E+00	3.01E+00	-1.92E+00	60.07	2.49E+00	-1.52E+00	
	128.00	-4.57E-05	4.95E-05	5.74E-06	1.64E-04	4.95E-05	-1.19E-04	9.67E-05	-9.29E-05				
91	869.80	-1.08E+00	-7.17E-02	-2.97E-01	9.90E-01	6.17E-01	-4.94E-01	5.35E-01	-1.68E+00	58.47	-1.08E+00	9.90E-01	
	160.00	-2.56E-05	1.31E-05	4.48E-06	7.61E-05	4.75E-05	-3.80E-05	3.65E-05	-4.89E-05				
92	869.80	-5.12E+00	-1.74E+00	-2.37E+00	4.66E-01	2.08E+00	-5.95E-01	-1.68E+00	-5.18E+00	82.28	-1.74E+00	-4.66E-01	
	203.60	-9.54E-05	3.44E-05	1.03E-05	3.58E-05	1.60E-04	-4.57E-05	3.68E-05	-9.78E-05				
93	598.67	1.62E-01	3.58E-02	-5.27E-02	2.84E+00	1.35E+00	-3.23E+00	2.94E+00	-2.74E+00	44.36	3.58E-02	-2.84E+00	
	16.00	4.65E-06	-2.22E-07	-3.63E-06	2.18E-04	1.04E-04	-2.49E-04	1.11E-04	-1.07E-04				
94	645.79	-5.62E-01	-2.46E-01	-4.18E-01	1.81E+00	5.87E-01	-1.63E+00	1.42E+00	-2.22E+00	47.49	-5.62E-01	1.81E+00	
	24.00	-8.13E-06	3.99E-06	-2.59E-06	1.39E-04	4.52E-05	-1.25E-04	6.79E-05	-7.20E-05				
95	613.10	-6.66E-01	-9.13E-01	-8.06E-01	3.08E+00	4.74E-01	-8.75E-01	2.30E+00	-3.88E+00	43.85	-6.66E-01	3.08E+00	
	69.33	5.91E-07	-8.92E-06	-4.78E-06	2.37E-04	3.65E-05	-6.73E-05	1.15E-04	-1.23E-04				
96	708.45	-1.04E+00	-1.99E-01	-4.43E-01	1.44E+00	5.91E-01	-1.34E+00	8.84E-01	-2.12E+00	53.11	-1.11E+00	-1.42E+00	
	56.00	-2.15E-05	1.08E-05	1.41E-06	1.11E-04	4.55E-05	-1.03E-04	5.24E-05	-6.31E-05				
97	613.10	-2.89E+00	-1.39E+00	-1.64E+00	9.66E-01	1.54E+00	-7.73E-01	-9.18E-01	-3.36E+00	63.87	-1.39E+00	-9.66E-01	
	96.00	-4.60E-05	1.15E-05	1.95E-06	7.43E-05	1.19E-04	-5.94E-05	2.98E-05	-6.42E-05				
98	682.27	-1.01E+00	-2.24E-01	-4.29E-01	2.01E+00	4.77E-01	-1.55E+00	1.43E+00	-2.67E+00	50.52	1.19E+00	-9.64E-01	
	112.00	-2.05E-05	9.65E-06	1.75E-06	1.55E-04	3.67E-05	-1.19E-04	7.34E-05	-8.43E-05				
99	751.43	-3.26E+00	8.42E-01	-8.13E-01	2.22E+00	1.52E+00	-2.95E+00	1.91E+00	-4.24E+00	66.37	8.42E-01	-2.22E+00	
	96.00	-9.00E-05	6.79E-05	4.28E-06	1.71E-04	1.17E-04	-2.77E-04	1.05E-04	-1.27E-04				
100	683.25	-9.57E-01	-2.31E-01	-3.66E-01	7.37E-01	3.57E-01	-9.43E-01	2.28E-01	-1.42E+00	58.12	-9.57E-01	7.37E-01	
	152.00	-1.97E-05	8.21E-06	2.99E-06	5.67E-05	2.75E-05	-7.26E-05	2.58E-05	-3.74E-05				
101	648.67	-4.65E+00	-2.30E+00	-2.65E+00	4.87E-01	9.78E-01	-7.07E-01	-2.21E+00	-4.75E+00	78.72	-2.30E+00	-4.87E-01	
	192.00	-7.33E-05	1.69E-05	3.72E-06	3.75E-05	7.53E-05	-5.44E-05	2.06E-05	-7.71E-05				
102	725.25	-7.37E-01	3.63E-01	1.09E-02	7.97E-01	2.47E-01	-6.27E-01	7.82E-01	-1.16E+00	62.32	-1.41E-01	-9.68E-01	
	232.70	-2.44E-05	1.80E-05	4.41E-06	6.13E-05	1.90E-05	-4.83E-05	9.41E-05	-4.05E-05				
103	635.50	-6.10E-01	-5.61E-01	-3.13E-01	5.58E-02	1.83E-01	-6.42E-02	-5.24E-01	-6.47E-01	56.99	-6.10E-01	5.58E-02	
	256.00	-7.17E-06	-5.26E-06	4.28E-06	4.29E-06	1.41E-05	-6.47E-06	-3.87E-06	-8.56E-06				
104	635.50	-1.76E+00	-1.17E+00	-9.32E-01	-2.23E-02	6.09E-01	-4.13E-02	-1.17E+00	-1.76E+00	-87.84	-1.17E+00	2.23E-02	
	290.67	-2.62E-05	-2.50E-06	6.55E-06	-1.72E-06	4.68E-05	-3.18E-06	-2.47E-06	-2.53E-05				
105	569.00	2.62E-01	4.46E-02	-1.93E-01	3.00E+00	8.97E-01	-2.77E+00	3.16E+00	-2.85E+00	43.96	2.62E-01	3.00E+00	
	16.50	8.83E-06	4.68E-07	-8.67E-06	2.31E-04	6.90E-05	-2.13E-04	1.20E-04	-1.11E-04				
106	508.50	5.07E+00	3.38E+00	2.96E+00	1.99E+00	2.01E+00	-8.70E-01	6.39E+00	2.06E+00	33.47	3.38E+00	-1.99E+00	
	13.00	6.98E-05	4.54E-06	-1.16E-05	1.53E-04	1.55E-04	-6.68E-05	1.20E-04	-4.61E-05				
107	52	1.44E+00	8.06E-01	3.26E-01	2.95E+00	7.50E-0	E+00	4.00E+00	-1.75E+00	41.81	1.44E+00	2	

	15.	2.72E-05	2.70E-06	-1.58E-05	2.20E-04	5.77E-05	[illegible]1E-04	1.25E-04	-9.55E-05				
108	52[illegible]	[illegible].22E+00	6.41E-01	2.51E-01	3.14E+00	6.28E-01	[illegible]E+00	4.12E+00	-2.23E+00	42.46	1.22E+00	3.16[illegible]	
	21.[illegible]	2.36E-05	1.55E-06	-1.38E-05	2.43E-04	4.83E-05	[illegible]5E-04	1.35E-04	-1.05E-04				
109	515.50	3.05E+00	2.06E+00	1.76E+00	3.82E+00	1.34E+00	-8.82E-01	4.42E+00	-1.25E+00	41.19	2.06E+00	-3.82E+00	
	26.00	4.24E-05	3.27E-06	-7.98E-06	2.94E-04	1.03E-04	-6.79E-05	1.71E-04	-1.25E-04				
110	531.50	3.84E-01	3.39E-01	-6.60E-02	2.58E+00	4.34E-01	-1.38E+00	2.94E+00	-2.22E+00	44.75	3.84E-01	2.58E+00	
	34.50	7.54E-06	5.81E-06	-9.75E-06	1.99E-04	3.34E-05	-1.06E-04	1.06E-04	-9.27E-05				
111	515.50	-2.02E+00	-2.98E+00	-2.44E+00	7.46E+00	3.24E-01	-6.22E-01	4.97E+00	-9.97E+00	43.15	-2.02E+00	7.46E+00	
	44.00	4.10E-06	-3.30E-05	-1.20E-05	5.73E-04	2.50E-05	-4.79E-05	2.73E-04	-3.02E-04				
112	515.50	-1.15E+00	-7.01E-01	-9.49E-01	1.74E+00	6.80E-01	-7.08E-01	8.23E-01	-2.68E+00	48.72	-7.01E-01	-1.74E+00	
	53.33	-1.36E-05	3.85E-06	-5.68E-06	1.34E-04	5.23E-05	-5.44E-05	6.25E-05	-7.22E-05				
113	547.50	-1.19E+00	4.75E-01	-4.81E-01	2.80E+00	4.73E-01	-2.30E+00	2.56E+00	-3.28E+00	53.29	1.34E+00	-2.38E+00	
	64.00	-3.27E-05	3.14E-05	-5.35E-06	2.15E-04	3.64E-05	-1.77E-04	1.12E-04	-1.13E-04				
114	515.50	-2.42E+00	-2.66E+00	-2.23E+00	3.10E+00	2.03E-01	-1.03E+00	5.60E-01	-5.65E+00	43.91	-2.42E+00	3.10E+00	
	74.67	-1.28E-05	-2.19E-05	-5.48E-06	2.39E-04	1.56E-05	-7.95E-05	1.02E-04	-1.37E-04				
115	515.50	-5.04E+00	-3.16E+00	-3.43E+00	1.12E+00	5.86E-01	-6.58E-01	-2.64E+00	-5.57E+00	64.97	-3.16E+00	-1.12E+00	
	88.00	-6.61E-05	6.17E-06	-4.00E-06	8.63E-05	4.50E-05	-5.06E-05	2.63E-05	-8.62E-05				
116	547.50	-2.78E+00	-1.30E-01	-1.30E+00	3.48E+00	4.54E-01	-2.03E+00	2.27E+00	-5.18E+00	55.42	1.35E+00	-2.45E+00	
	104.00	-6.07E-05	4.13E-05	-3.76E-06	2.68E-04	3.49E-05	-1.57E-04	1.34E-04	-1.53E-04				
117	515.50	-9.95E-01	-8.57E-01	-7.53E-01	2.46E+00	4.06E-02	-1.37E+00	1.53E+00	-3.39E+00	45.80	-9.95E-01	2.46E+00	
	120.00	-9.64E-06	-4.35E-06	-3.25E-07	1.89E-04	3.13E-06	-1.05E-04	8.76E-05	-1.02E-04				
118	515.50	-3.71E+00	-2.27E+00	-2.38E+00	9.54E-01	2.14E-01	-5.59E-01	-1.80E+00	-4.19E+00	63.56	-2.27E+00	-9.54E-01	
	136.00	-5.09E-05	4.62E-06	3.52E-07	7.34E-05	1.65E-05	-4.30E-05	2.29E-05	-6.92E-05				
119	547.50	-2.37E+00	-4.84E-01	-1.13E+00	2.37E+00	2.15E-01	-1.25E+00	1.12E+00	-3.98E+00	55.89	5.18E-01	-1.64E+00	
	152.00	-4.75E-05	2.52E-05	3.31E-07	1.82E-04	1.65E-05	-9.61E-05	8.68E-05	-1.05E-04				
120	515.50	-1.11E+00	-7.36E-01	-5.87E-01	1.64E+00	-3.52E-02	-1.06E+00	7.27E-01	-2.57E+00	48.24	-1.11E+00	1.64E+00	
	168.00	-1.59E-05	-1.59E-06	4.15E-06	1.26E-04	-2.71E-06	-8.18E-05	5.47E-05	-7.22E-05				
121	515.50	-4.69E+00	-2.89E+00	-2.92E+00	7.64E-01	8.75E-02	-4.22E-01	-2.61E+00	-4.97E+00	69.81	-2.89E+00	-7.64E-01	
	184.00	-6.50E-05	4.07E-06	3.25E-06	5.87E-05	6.73E-06	-3.25E-05	1.49E-05	-7.58E-05				
122	547.50	-1.54E+00	8.41E-01	-1.69E-01	2.64E+00	9.83E-02	-1.60E+00	2.55E+00	-3.25E+00	57.14	1.94E+00	-1.77E+00	
	200.00	-4.97E-05	4.19E-05	3.06E-06	2.03E-04	7.56E-06	-1.23E-04	1.07E-04	-1.15E-04				
123	515.50	7.10E-01	1.32E+00	1.11E+00	1.20E+00	-2.95E-01	-1.39E+00	2.26E+00	-2.25E-01	52.12	7.10E-01	1.20E+00	
	216.00	-7.16E-06	1.63E-05	8.11E-06	9.25E-05	-2.27E-05	-1.07E-04	5.23E-05	-4.31E-05				
124	515.50	-1.58E+00	-8.97E-01	-7.97E-01	3.37E-01	-6.05E-01	-2.78E-01	-7.57E-01	-1.71E+00	67.59	-8.97E-01	-3.37E-01	
	232.00	-2.47E-05	1.43E-06	5.28E-06	2.59E-05	-4.65E-05	-2.14E-05	6.78E-06	-3.00E-05				
125	547.50	-1.01E+00	-6.38E-01	-5.79E-01	6.44E-01	-3.01E-01	-3.58E-01	-1.54E-01	-1.50E+00	53.09	-3.57E-01	-4.81E-01	
	248.00	-1.55E-05	-1.14E-06	4.97E-06	4.96E-05	-2.31E-05	-2.76E-05	1.75E-05	-3.41E-05				
126	515.50	1.04E+00	1.67E+00	1.43E+00	-7.63E-02	-4.16E-01	-1.28E+00	1.68E+00	1.03E+00	-83.21	1.04E+00	-7.63E-02	
	264.00	-5.48E-06	1.88E-05	9.46E-06	-5.87E-06	-3.20E-05	-9.85E-05	1.91E-05	-5.83E-06				
127	515.50	-1.00E+00	-6.05E-01	-4.83E-01	1.71E-01	-9.37E-01	-1.48E-01	-5.42E-01	-1.07E+00	69.65	-6.05E-01	-1.71E-01	
	276.00	-1.56E-05	-2.91E-07	4.42E-06	1.32E-05	-7.21E-05	-1.14E-05	2.16E-06	-1.81E-05				
128	531.50	2.78E-01	2.26E-01	4.59E-01	9.36E-02	-3.74E-01	-8.27E-02	3.49E-01	1.55E-01	37.28	2.78E-01	9.36E-02	
	297.00	1.03E-07	-1.88E-06	7.07E-06	7.20E-06	-2.88E-05	-6.36E-06	2.84E-06	-4.63E-06				
129	515.50	2.07E+00	2.13E+00	2.01E+00	-3.24E-01	-4.11E-01	-9.41E-01	2.42E+00	1.77E+00	-47.56	2.07E+00	-3.24E-01	
	320.00	1.14E-05	1.36E-05	9.04E-06	-2.49E-05	-3.16E-05	-7.24E-05	2.50E-05	3.23E-08				
183	565.50	1.62E-02	1.76E-01	-3.68E-01	4.47E+00	1.18E+00	-3.63E+00	4.57E+00	-4.38E+00	45.51	1.62E-02	4.47E+00	
	-8.00	2.55E-06	8.71E-06	-1.22E-05	3.44E-04	9.06E-05	-2.79E-04	1.78E-04	-1.66E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .3600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3801E+02	-.2405E+03	.1263E+03	.5346E+02	.1361E+03	-.8953E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.6793E+01	.3179E+01	.1663E+01	.4283E+02	-.3596E+02	-.4285E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.6258E+01	-.1064E+01	.7830E+00	.5729E+02	-.9142E+02	-.7720E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.8715E+01	.1965E+01	.2393E+00	.9369E+02	-.1264E+03	-.1127E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.9476E+01	-.1366E+01	.2232E+00	.1206E+03	-.1712E+03	-.1511E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.6595E+00	-.8856E+00	.6324E+00	.1618E+03	-.2162E+03	-.1962E+03
25	.2153E+02	.3496E+01	.1798E+00	.2026E+03	-.2382E+03	-.2395E+03
26	-.1431E+02	-.1756E+01	.9607E-01	.2190E+03	-.2515E+03	-.2712E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1037E+03	-.2049E+02	.3825E+01	.2235E+03	-.3441E+03	-.2966E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1992E+04	.3382E+03	-.8659E+01	.3138E+03	-.9078E+03	-.4651E+03
40	.1332E+04	.2026E+03	.7884E+01	.2938E+03	-.8968E+03	-.4275E+03
41	.8141E+03	.1032E+03	.2003E+02	.2534E+03	-.8135E+03	-.3725E+03
42	.1776E+03	.8808E+01	.1669E+02	.2226E+03	-.5801E+03	-.3252E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1692E+04	-.2143E+03	-.9369E+01	.4093E+02	-.9481E+03	.2215E+03
48	-.1456E+04	-.1864E+03	-.1028E+02	.1143E+03	-.8758E+03	.1605E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2835E+04	-.4333E+03	-.1300E+02	-.8264E+01	-.6440E+03	.7104E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.6868E+01	.1906E+02	-.7676E+00	.2283E+02	-.9351E+03	.2066E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1943E+04	-.2959E+03	-.1296E+02	.2586E+02	-.5249E+03	.6723E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1364E+04	-.2089E+03	-.1748E+02	.2294E+02	-.4992E+03	.6541E+03
66	-.4681E+03	-.7387E+02	-.2208E+02	.1928E+02	-.4312E+03	.6809E+03
67	.9235E+03	.1353E+03	-.2216E+02	.2116E+02	-.3635E+03	.6806E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

[illegible]	.1644E+04	.2436E+02	-.1885E+02	[illegible]	-.3120E+03	.6617E+03
[illegible]	-.1745E+03	-.2864E+02	-.1309E+02	.1[illegible]	-.2360E+03	.6649E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6907E+03	.1021E+03	-.9654E+01	.1369E+03	-.1368E+03	.6441E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2982E+03	-.4420E+02	-.7063E+01	.1776E+03	-.7369E+02	.6234E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4044E+03	.6057E+02	-.6271E+01	.1460E+03	.1258E+02	.5792E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2618E+03	-.3882E+02	-.5262E+01	.1332E+03	.6659E+02	.5309E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3008E+03	.4628E+02	-.5409E+01	.1306E+03	.1387E+03	.4765E+03
109	-.1748E+03	-.2457E+02	-.4717E+01	.1310E+03	.1902E+03	.4133E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2512E+03	.3993E+02	-.4667E+01	.8367E+02	.2451E+03	.3396E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1429E+03	.2402E+02	-.1239E+01	.5273E+02	.2753E+03	.2651E+03
115	.2283E+02	.6191E+01	-.3251E+00	.2668E+02	.2798E+03	.1889E+03
116	.1019E+03	.1850E+02	.2743E+00	.6193E+01	.3015E+03	.1361E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1002E+03	.1845E+02	.1264E+01	.2924E+02	.3150E+03	.1265E+03
119	.4990E+02	.1074E+02	.1876E+01	-.2859E+02	.2912E+03	.6543E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1930E+03	.2697E+02	.1168E+02	-.3396E+02	.2659E+03	.2948E+02
122	.1642E+03	.1560E+02	.2167E+02	.8767E+01	.2593E+03	.3668E+02
123	.1267E+03	.1089E+02	.1925E+02	.6203E+01	.2780E+03	.3347E+02
124	.9471E+02	.7850E+01	.1327E+02	.4617E+01	.1891E+03	.3087E+02
125	.6478E+02	.4578E+01	.9749E+01	.2929E+01	.1577E+03	.2837E+02
126	.2491E+02	-.1903E+01	.9119E+01	.1056E+01	.1347E+03	.2570E+02
127	-.4960E+01	-.7000E+01	.9392E+01	-.2483E+00	.1172E+03	.2222E+02
128	-.3658E+02	-.1149E+02	.9264E+01	-.3347E+01	.8048E+02	.1823E+02
129	-.3883E+02	-.1026E+02	.8115E+01	-.4818E+01	.4950E+02	.1455E+02
130	-.2794E+02	-.6478E+01	.6311E+01	-.5149E+01	.2652E+02	.1173E+02
131	-.7758E+01	-.1232E+01	.4604E+01	-.4566E+01	.1245E+02	.9751E+01
132	.7609E+00	.5352E+00	.3457E+01	-.3017E+01	.1126E+02	.8215E+01
133	.1415E+01	.4568E+00	.3114E+01	-.2078E+01	.1129E+02	.6802E+01
134	.4047E+00	.1482E+00	.3068E+01	-.1594E+01	.9255E+01	.5326E+01
135	.3362E-01	.2334E-01	.3443E+01	-.1222E+01	.6558E+01	.3928E+01
136	-.4292E-02	.2498E-01	.4567E+01	-.8671E+00	.4277E+01	.2629E+01
137	-.6347E-01	-.2004E-01	.7079E+01	-.6509E+00	.1949E+01	.1443E+01
138	.1165E-01	.1353E+00	.1096E+03	-.5000E+00	-.5351E+00	.7403E+00

139	.1015E+00	.1646E+00	-.1045E+02	-.7290E-01	.2912E+00	-.3056E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.96239E-02	-.60185E-04	.98118E-02	.00000E+00
3	-.17526E-01	-.23264E-03	.17487E-01	.00000E+00
4	-.18906E-01	-.24345E-03	.19741E-01	.00000E+00
5	-.20276E-01	.58148E-04	.20285E-01	.00000E+00
6	-.22820E-01	-.13928E-04	.22814E-01	-.12520E-04
7	-.21051E-01	-.76584E-03	.21438E-01	.00000E+00
8	-.22899E-01	-.62607E-03	.23027E-01	-.30897E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.96204E-02	-.20537E-03	.98683E-02	.00000E+00
11	-.17630E-01	-.47929E-03	.18109E-01	.00000E+00
12	-.19478E-01	-.62955E-03	.20073E-01	.00000E+00
13	-.21064E-01	-.53369E-03	.21469E-01	.00000E+00
14	-.23023E-01	-.81757E-03	.23602E-01	-.68933E-05
15	-.21232E-01	-.14027E-02	.22946E-01	.00000E+00
16	-.22221E-01	-.13509E-02	.24538E-01	-.19936E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.97391E-02	-.39168E-03	.10570E-01	.00000E+00
19	-.17925E-01	-.91072E-03	.19549E-01	.00000E+00
20	-.19816E-01	-.11701E-02	.21761E-01	.00000E+00
21	-.21517E-01	-.10018E-02	.23356E-01	.00000E+00
22	-.23475E-01	-.13498E-02	.25838E-01	-.52089E-05
23	-.21993E-01	-.22869E-02	.25826E-01	.00000E+00
24	-.23812E-01	-.22183E-02	.27528E-01	-.14761E-04
25	-.24045E-01	-.26016E-02	.28585E-01	-.31067E-05
26	-.24184E-01	-.26490E-02	.29201E-01	-.68657E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.95397E-02	-.77186E-03	.11363E-01	.00000E+00
29	-.18069E-01	-.17596E-02	.21286E-01	.00000E+00
30	-.20226E-01	-.21926E-02	.23918E-01	.00000E+00
31	-.22292E-01	-.25438E-02	.26653E-01	.00000E+00
32	-.24322E-01	-.30368E-02	.29872E-01	-.38179E-04
33	-.22157E-01	-.33255E-02	.26874E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.93460E-02	-.97031E-03	.11529E-01	.00000E+00
36	-.18034E-01	-.21606E-02	.21877E-01	.00000E+00
37	-.20364E-01	-.24945E-02	.24136E-01	.00000E+00
38	-.22735E-01	-.33239E-02	.27900E-01	.00000E+00
39	-.24682E-01	-.42548E-02	.31089E-01	.39889E-05
40	-.24633E-01	-.41706E-02	.30812E-01	-.17496E-04
41	-.24516E-01	-.39052E-02	.30550E-01	-.29372E-04
42	-.24469E-01	-.34278E-02	.30244E-01	-.37746E-04
43	-.19654E-01	-.29390E-02	.24565E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.82713E-02	-.47767E-03	.11124E-01	.00000E+00
46	-.17380E-01	-.20142E-02	.21955E-01	.00000E+00
47	-.24706E-01	-.41823E-02	.31208E-01	.11242E-04
48	-.24699E-01	-.42251E-02	.31180E-01	.13253E-04
49	-.22682E-01	-.33510E-02	.27734E-01	.00000E+00
50	-.24888E-01	-.42472E-02	.31270E-01	.47371E-04
51	-.22404E-01	-.34555E-02	.27791E-01	.00000E+00
52	-.25290E-01	-.38326E-02	.30219E-01	.00000E+00
53	-.24729E-01	-.40726E-02	.31308E-01	.80792E-05
54	-.19245E-01	-.22026E-02	.23476E-01	.00000E+00
55	-.21731E-01	-.28592E-02	.25993E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.70098E-02	-.92903E-03	.89691E-02	.00000E+00
	-.15172E-01	-.10480E-02	.17269E-01	.00000E+00

	-.25502E-01	-.33331E-02	.29589E-01	.00000E+00
	-.21151E-01	-.37326E-02	.29639E-01	.00000E+00
61	-.25075E-01	-.42622E-02	.31337E-01	.75187E-04
62	-.17597E-01	-.13195E-02	.20792E-01	.00000E+00
63	-.20944E-01	-.16423E-02	.24350E-01	.00000E+00
64	-.25817E-01	-.38170E-02	.30574E-01	.00000E+00
65	-.25331E-01	-.42762E-02	.31398E-01	.94564E-04
66	-.25975E-01	-.43033E-02	.31522E-01	.11655E-03
67	-.26678E-01	-.43107E-02	.31658E-01	.11245E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.54375E-02	-.23488E-04	.58249E-02	.00000E+00
70	-.15929E-01	-.79123E-03	.18662E-01	.00000E+00
71	-.24406E-01	-.21448E-02	.28180E-01	.00000E+00
72	-.26447E-01	-.38566E-02	.30794E-01	.00000E+00
73	-.19708E-01	-.11064E-02	.22308E-01	.00000E+00
74	-.28090E-01	-.40957E-02	.31878E-01	.00000E+00
75	-.27284E-01	-.43552E-02	.31775E-01	.87303E-04
76	-.28135E-01	-.44251E-02	.31960E-01	.62901E-04
77	-.22953E-01	-.15109E-02	.26153E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.63778E-02	-.31532E-03	.82187E-02	.00000E+00
80	-.14964E-01	-.33635E-03	.17632E-01	.00000E+00
81	-.16654E-01	-.49320E-03	.19443E-01	.00000E+00
82	-.18692E-01	-.73298E-03	.22634E-01	.00000E+00
83	-.27317E-01	-.27061E-02	.31147E-01	.00000E+00
84	-.25377E-01	-.18411E-02	.29801E-01	.00000E+00
85	-.29087E-01	-.44942E-02	.32217E-01	.51029E-04
86	-.29096E-01	-.42944E-02	.32365E-01	.00000E+00
87	-.23004E-01	-.13050E-02	.26152E-01	.00000E+00
88	-.28922E-01	-.37592E-02	.32220E-01	.00000E+00
89	-.29774E-01	-.45856E-02	.32437E-01	.41975E-04
90	-.17477E-01	-.58309E-04	.17005E-01	.00000E+00
91	-.18894E-01	-.12177E-03	.18425E-01	.00000E+00
92	-.20537E-01	-.64722E-03	.19549E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.75077E-02	.00000E+00	.74755E-02	.00000E+00
95	-.13829E-01	.00000E+00	.13416E-01	.00000E+00
96	-.15874E-01	.00000E+00	.15199E-01	.00000E+00
97	-.16623E-01	.00000E+00	.15372E-01	.00000E+00
98	-.16367E-01	.00000E+00	.15119E-01	.00000E+00
99	-.17914E-01	-.20346E-03	.16249E-01	.00000E+00
100	-.22694E-01	-.10268E-02	.21886E-01	.00000E+00
101	-.27551E-01	-.25390E-02	.30585E-01	.00000E+00
102	-.30812E-01	-.47111E-02	.32768E-01	.37052E-04
103	-.28762E-01	-.32336E-02	.32873E-01	.00000E+00
104	-.30994E-01	-.46243E-02	.33312E-01	.00000E+00
105	-.31546E-01	-.48086E-02	.33015E-01	.31115E-04
106	-.30239E-01	-.38273E-02	.34440E-01	.00000E+00
107	-.32139E-01	-.49006E-02	.33970E-01	.00000E+00
108	-.32364E-01	-.49136E-02	.33253E-01	.29710E-04
109	-.32951E-01	-.49337E-02	.33389E-01	.25483E-04
110	-.32477E-01	-.54768E-02	.35688E-01	.00000E+00
111	-.33560E-01	-.54047E-02	.34977E-01	.00000E+00
112	-.33580E-01	-.50367E-02	.33508E-01	.22712E-04
113	-.33260E-01	-.52461E-02	.35357E-01	.00000E+00
114	-.33946E-01	-.51090E-02	.33491E-01	.79278E-05
115	-.34037E-01	-.51619E-02	.33467E-01	.25068E-05
116	-.34091E-01	-.51510E-02	.33296E-01	.42382E-06
117	-.33790E-01	-.55211E-02	.35015E-01	.00000E+00
118	-.34080E-01	-.51606E-02	.33221E-01	-.20753E-05
119	-.34023E-01	-.51709E-02	.33075E-01	-.30471E-05
120	-.33966E-01	-.56163E-02	.34524E-01	.00000E+00
121	-.33932E-01	-.51299E-02	.32816E-01	-.59364E-05
122	-.33919E-01	-.50758E-02	.32820E-01	-.83050E-05

123	-.33497E-01	-.50191E-02	.32614E-01	-.10338E-04
124	-.33570E-01	-.49485E-02	.32669E-01	-.12900E-04
125	-.33628E-01	-.48396E-02	.32800E-01	-.16336E-04
126	-.33737E-01	-.46569E-02	.32785E-01	-.21497E-04
127	-.33627E-01	-.44356E-02	.32769E-01	-.24172E-04
128	-.33383E-01	-.38319E-02	.32737E-01	-.24110E-04
129	-.33173E-01	-.33344E-02	.32704E-01	-.20687E-04
130	-.32990E-01	-.29238E-02	.32668E-01	-.15576E-04
131	-.32818E-01	-.24149E-02	.32615E-01	-.80399E-05
132	-.32733E-01	-.21151E-02	.32573E-01	-.58479E-05
133	-.32663E-01	-.18300E-02	.32539E-01	-.65607E-05
134	-.32601E-01	-.15080E-02	.32513E-01	-.72725E-05
135	-.32547E-01	-.11573E-02	.32496E-01	-.78557E-05
136	-.32506E-01	-.79418E-03	.32482E-01	-.78735E-05
137	-.32483E-01	-.43394E-03	.32476E-01	-.80695E-05
138	-.32467E-01	-.62033E-04	.32467E-01	-.76309E-05
139	-.32467E-01	-.78385E-05	.32467E-01	-.78170E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.43E-02	-5.17E-02	8.75E-03	-1.19E+00	-1.18E-02	1.21E+00	1.15E+00	-1.22E+00	-44.67	-2.43E-02	-1.19E+00
	-303.00	-2.31E-07	-1.48E-06	1.27E-06	-1.08E-04	-1.07E-06	1.10E-04	5.31E-05	-5.48E-05			
2	72.00	-2.50E-02	-6.67E-02	4.92E-02	-9.83E-01	-4.77E-03	1.01E+00	9.38E-01	-1.03E+00	-44.39	-2.50E-02	-9.83E-01
	-213.00	-5.85E-07	-2.48E-06	2.79E-06	-8.94E-05	-4.34E-07	9.18E-05	4.32E-05	-4.62E-05			
3	72.00	-1.27E-01	-8.51E-02	1.09E-01	-6.40E-01	8.30E-02	7.12E-01	5.34E-01	-7.46E-01	-45.94	-1.27E-01	-6.40E-01
	-138.00	-2.34E-06	-1.39E-06	3.01E-06	-2.91E-05	3.77E-06	3.23E-05	1.27E-05	-1.64E-05			
4	24.00	-1.11E+00	-7.88E-01	-1.01E+00	-1.21E+00	2.97E-01	1.39E+00	2.69E-01	-2.17E+00	-48.80	-1.11E+00	-1.21E+00
	-68.00	-1.08E-05	1.65E-06	-6.87E-06	-9.29E-05	2.29E-05	1.07E-04	4.23E-05	-5.14E-05			
5	72.00	4.84E-01	3.18E-01	6.21E-01	-5.67E-01	9.86E-03	5.57E-01	9.74E-01	-1.72E-01	-40.84	3.18E-01	5.67E-01
	-88.00	2.97E-06	-3.41E-06	8.26E-06	-4.36E-05	7.58E-07	4.29E-05	2.18E-05	-2.23E-05			
6	120.00	2.91E-01	3.20E-01	4.25E-01	-9.86E-01	-5.88E-02	9.69E-01	1.29E+00	-6.80E-01	-45.42	-6.61E-01	1.92E-01
	-68.00	-1.84E-07	9.24E-07	4.95E-06	-7.58E-05	-4.52E-06	7.45E-05	3.83E-05	-3.75E-05			
7	36.25	-2.43E-01	-7.11E-02	4.45E-03	-6.22E-01	7.74E-02	5.81E-01	4.71E-01	-7.85E-01	-48.94	-2.22E-01	-6.25E-01
	-19.00	-5.95E-06	6.71E-07	3.58E-06	-4.78E-05	5.95E-06	4.47E-05	2.15E-05	-2.68E-05			
8	108.00	4.16E-02	3.41E-02	1.57E-01	-4.23E-01	9.58E-03	5.00E-01	4.61E-01	-3.85E-01	-44.75	4.16E-02	-4.23E-01
	-19.00	-9.54E-07	-1.24E-06	3.47E-06	-3.25E-05	7.37E-07	3.84E-05	1.52E-05	-1.74E-05			
9	216.00	-1.05E-01	-1.75E-01	-7.61E-02	-1.19E+00	1.40E-02	1.26E+00	1.05E+00	-1.34E+00	-44.17	-1.05E-01	-1.19E+00
	-303.00	-1.66E-07	-3.32E-06	1.17E-06	-1.09E-04	1.27E-06	1.14E-04	5.26E-05	-5.61E-05			
10	216.00	-1.14E-01	-1.85E-01	-8.51E-03	-1.01E+00	4.22E-02	1.08E+00	8.60E-01	-1.16E+00	-44.00	-1.14E-01	-1.01E+00
	-213.00	-1.15E-06	-4.41E-06	3.60E-06	-9.17E-05	3.84E-06	9.80E-05	4.31E-05	-4.87E-05			
11	216.00	-1.05E-01	-1.58E-01	2.28E-01	-7.60E-01	1.21E-01	8.47E-01	6.29E-01	-8.92E-01	-43.99	-1.05E-01	-7.60E-01
	-138.00	-2.20E-06	-3.41E-06	5.37E-06	-3.45E-05	5.49E-06	3.85E-05	1.45E-05	-2.01E-05			
12	168.00	-5.02E-01	-6.93E-01	-3.50E-01	-1.22E+00	2.21E-01	1.28E+00	6.30E-01	-1.83E+00	-42.77	-5.02E-01	-1.22E+00
	-68.00	-2.34E-06	-9.69E-06	3.54E-06	-9.41E-05	1.70E-05	9.82E-05	4.12E-05	-5.32E-05			
13	216.00	5.67E-01	2.82E-01	6.67E-01	-5.37E-01	8.09E-02	4.55E-01	9.80E-01	-1.31E-01	-37.57	2.82E-01	5.37E-01
	-88.00	5.14E-06	-5.81E-06	9.00E-06	-4.13E-05	6.22E-06	3.50E-05	2.10E-05	-2.17E-05			
14	264.00	1.65E-01	3.13E-01	4.59E-01	-9.71E-01	-2.18E-02	1.01E+00	1.21E+00	-7.35E-01	-47.18	-7.03E-01	2.48E-01
	-68.00	-3.96E-06	1.74E-06	7.37E-06	-7.47E-05	-1.68E-06	7.73E-05	3.64E-05	-3.86E-05			
15	180.00	-1.23E-02	1.75E-03	1.99E-01	-5.69E-01	1.45E-01	4.92E-01	5.64E-01	-5.74E-01	-45.35	-1.23E-02	-5.69E-01
	-19.00	-2.54E-06	-2.00E-06	5.58E-06	-4.39E-05	1.12E-05	3.78E-05	1.96E-05	-2.42E-05			
16	252.00	-5.18E-02	-2.08E-02	2.32E-01	-4.06E-01	6.11E-02	5.22E-01	3.70E-01	-4.43E-01	-46.09	-5.18E-02	-4.06E-01
	-19.00	-3.74E-06	-2.55E-06	7.18E-06	-3.12E-05	4.70E-06	4.02E-05	1.25E-05	-1.88E-05			
17	361.00	-1.58E-01	-3.16E-01	-1.33E-01	-1.19E+00	9.62E-03	1.35E+00	9.58E-01	-1.43E+00	-43.11	-1.58E-01	-1.13E+00
	-303.00	6.83E-07	-6.46E-06	1.84E-06	-1.08E-04	8.75E-07	1.23E-04	5.14E-05	-5.72E-05			
18	361.00	-1.27E-01	-3.16E-01	-1.73E-02	-1.07E+00	3.82E-02	1.18E+00	8.51E-01	-1.29E+00	-42.48	-1.27E-01	-1.07E+00
	-213.00	1.90E-07	-8.37E-06	5.19E-06	-9.71E-05	3.47E-06	1.08E-04	4.46E-05	-5.26E-05			
19	361.00	[illegible].42E-02	-2.61E-01	3.08E-01	-8.82E-01	1.34E-01	[illegible]E-01	7.09E-01	-1.06E+00	-42.30	-9.42E-02	-8.82E-01
	-138.0[illegible]	[illegible].90E-06	-5.69E-06	7.26E-06	-4.01E-05	6.08E-06	[illegible]E-05	1.64E-05	-2.39E-05			
20	312[illegible]	[illegible].67E-01	-1.03E+00	-5.34E-01	-1.44E+00	3.65E-01	[illegible]E+00	4.92E-01	-2.39E+00	-43.35	-8.67E-01	-1.4[illegible]

	-68.[illegible]	[illegible].61E-06	-1.30E-05	6.23E-06	-1.11E-04	2.81E-05	[illegible]E-04	4.57E-05	-6.53E-05				
21	360.67	8.91E-01	6.49E-01	9.89E-01	-7.44E-01	8.10E-02	[illegible]3E-01	1.52E+00	1.67E-02	-40.38	6.49E-01	7.44[illegible]	
	-88.00	6.49E-06	-2.83E-06	1.02E-05	-5.72E-05	6.23E-06	5.40E-05	3.08E-05	-2.72E-05				
22	409.33	-5.63E-01	-[illegible].16E-01	-2.23E-01	-1.32E+00	2.79E-02	1.67E+00	6.40E-01	-2.02E+00	-42.27	-2.01E+00	1.50E-01	
	-68.00	-4.04E-06	-1.38E-05	9.02E-06	-1.02E-04	2.15E-06	1.28E-04	4.22E-05	-6.06E-05				
23	324.00	-9.42E-02	-1.00E-02	2.88E-01	-6.18E-01	2.58E-01	5.38E-01	5.67E-01	-6.71E-01	-46.95	-9.42E-02	-6.18E-01	
	-10.00	-5.65E-06	-2.41E-06	9.07E-06	-4.75E-05	1.98E-05	4.14E-05	1.98E-05	-2.78E-05				
24	372.00	-1.26E-01	-3.82E-02	3.09E-01	-1.41E+00	2.48E-01	1.46E+00	1.33E+00	-1.50E+00	-45.89	-1.26E-01	-1.41E+00	
	-9.33	-6.45E-06	-3.06E-06	1.03E-05	-1.09E-04	1.91E-05	1.12E-04	4.96E-05	-5.92E-05				
25	401.25	5.60E-03	5.85E-02	4.29E-01	-4.73E-01	9.86E-02	6.41E-01	5.05E-01	-4.41E-01	-46.60	4.44E-01	-2.33E-01	
	-10.00	-5.19E-06	-3.16E-06	1.11E-05	-3.64E-05	7.58E-06	4.93E-05	1.40E-05	-2.24E-05				
26	427.67	-1.02E+00	-1.32E+00	-5.63E-01	-1.60E+00	3.29E-01	2.09E+00	4.39E-01	-2.77E+00	-42.33	-1.99E+00	-1.38E+00	
	-9.33	-7.30E-06	-1.88E-05	1.02E-05	-1.23E-04	2.53E-05	1.61E-04	4.87E-05	-7.48E-05				
27	457.00	-1.91E-01	-4.50E-01	-1.89E-01	-1.18E+00	-4.26E-03	1.41E+00	8.64E-01	-1.51E+00	-41.86	-1.91E-01	-1.18E+00	
	-303.00	2.10E-06	-9.68E-06	2.19E-06	-1.07E-04	-3.88E-07	1.28E-04	5.01E-05	-5.77E-05				
28	457.00	-1.02E-01	-4.23E-01	-2.36E-02	-1.12E+00	2.39E-02	1.27E+00	8.73E-01	-1.40E+00	-40.94	-1.02E-01	-1.12E+00	
	-213.00	2.48E-06	-1.21E-05	6.05E-06	-1.02E-04	2.17E-06	1.16E-04	4.68E-05	-5.64E-05				
29	457.00	-3.17E-02	-2.60E-01	3.67E-01	-9.93E-01	1.87E-02	1.00E+00	8.54E-01	-1.15E+00	-41.72	-3.17E-02	-9.93E-01	
	-138.00	-1.11E-06	-6.31E-06	7.94E-06	-4.51E-05	8.50E-07	4.55E-05	1.90E-05	-2.64E-05				
30	442.00	-7.43E-01	-1.70E+00	-6.72E-01	-1.74E+00	1.11E-02	1.89E+00	5.81E-01	-3.02E+00	-37.32	-7.43E-01	-1.74E+00	
	-68.00	5.63E-06	-3.11E-05	8.35E-06	-1.34E-04	8.57E-07	1.45E-04	5.66E-05	-8.20E-05				
31	457.33	1.92E+00	5.16E-01	1.27E+00	-5.31E-01	-7.59E-01	9.72E-01	2.09E+00	3.38E-01	-18.60	5.16E-01	5.31E-01	
	-88.00	3.30E-05	-2.09E-05	8.25E-06	-4.09E-05	-5.83E-05	7.47E-05	3.98E-05	-2.77E-05				
32	472.67	-3.79E+00	-4.19E+00	-2.90E+00	-1.42E+00	5.03E-01	2.29E+00	-2.56E+00	-5.42E+00	-41.03	-4.76E+00	-1.21E+00	
	-68.00	-2.63E-05	-4.15E-05	7.98E-06	-1.09E-04	3.87E-05	1.76E-04	2.10E-05	-8.85E-05				
33	443.00	-2.54E-01	-3.86E-01	1.63E-01	-9.66E-01	1.42E-01	8.74E-01	6.48E-01	-1.25E+00	-43.05	-2.54E-01	-9.66E-01	
	-19.50	-4.53E-06	-9.61E-06	1.15E-05	-7.43E-05	1.09E-05	6.72E-05	3.02E-05	-4.43E-05				
34	454.00	-3.23E+00	-3.04E+00	-2.13E+00	-2.22E+00	6.27E-01	2.68E+00	-9.13E-01	-5.36E+00	-46.21	-4.13E+00	-1.99E+00	
	-11.33	-3.19E-05	-2.47E-05	1.04E-05	-1.71E-04	4.82E-05	2.06E-04	5.72E-05	-1.14E-04				
35	461.67	-1.73E+00	-2.59E+00	-1.36E+00	-2.08E+00	1.77E-01	2.81E+00	-3.63E-02	-4.28E+00	-39.20	-1.73E+00	-2.08E+00	
	-12.00	-4.27E-06	-3.71E-05	1.02E-05	-1.60E-04	1.36E-05	2.16E-04	6.09E-05	-1.02E-04				
36	469.00	1.97E+00	4.87E-01	1.38E+00	-1.83E-01	-6.51E-01	1.14E+00	1.99E+00	4.65E-01	-6.92	4.87E-01	1.83E-01	
	-30.00	3.36E-05	-2.35E-05	1.10E-05	-1.41E-05	-5.01E-05	8.80E-05	3.45E-05	-2.44E-05				
37	476.33	-2.39E+00	-3.58E+00	-2.00E+00	-1.49E+00	1.87E-01	2.33E+00	-1.38E+00	-4.59E+00	-34.16	-3.02E+00	-1.61E+00	
	-12.00	-4.48E-06	-5.02E-05	1.08E-05	-1.15E-04	1.44E-05	1.79E-04	3.45E-05	-8.91E-05				
38	558.50	-2.89E-02	-2.81E-01	-5.46E-02	-1.06E+00	-3.90E-02	1.39E+00	9.12E-01	-1.22E+00	-41.61	-2.89E-02	-1.06E+00	
	-303.00	3.42E-06	-8.04E-06	2.25E-06	-9.63E-05	-3.55E-06	1.26E-04	4.62E-05	-5.08E-05				
39	558.50	-3.82E-02	-4.93E-01	-2.68E-02	-1.07E+00	-7.77E-02	1.32E+00	8.24E-01	-1.35E+00	-38.98	-3.82E-02	-1.07E+00	
	-213.00	5.51E-06	-1.51E-05	6.02E-06	-9.68E-05	-7.06E-06	1.20E-04	4.47E-05	-5.43E-05				
40	506.17	1.51E-01	-1.31E+00	8.76E-02	-2.43E+00	-4.68E-02	2.74E+00	1.96E+00	-3.11E+00	-36.64	1.51E-01	-2.43E+00	
	-128.00	9.04E-06	-2.41E-05	7.59E-06	-1.10E-04	-2.13E-06	1.24E-04	5.01E-05	-6.51E-05				
41	558.50	1.26E+00	-7.57E-01	6.21E-01	-1.08E+00	-5.24E-01	1.51E+00	1.73E+00	-1.23E+00	-23.46	-7.57E-01	1.08E+00	
	-148.00	2.28E-05	-2.31E-05	8.19E-06	-4.91E-05	-2.38E-05	6.88E-05	3.35E-05	-3.36E-05				
42	610.83	-6.76E-02	-1.25E+00	3.28E-02	-2.00E+00	-4.70E-01	2.14E+00	1.42E+00	-2.74E+00	-36.74	-2.74E+00	-4.73E-02	
	-128.00	5.21E-06	-2.17E-05	7.49E-06	-9.07E-05	-2.14E-05	9.75E-05	3.91E-05	-5.56E-05				
43	501.38	4.67E-01	-1.06E-01	4.87E-01	-5.85E-01	-1.61E-01	8.06E-01	8.31E-01	-4.71E-01	-31.94	4.67E-01	-5.85E-01	
	-78.00	8.64E-06	-1.34E-05	9.42E-06	-4.50E-05	-1.24E-05	6.20E-05	2.27E-05	-2.74E-05				
44	534.67	-4.72E-01	-1.20E+00	-3.34E-01	-1.87E+00	-1.09E-01	2.16E+00	1.07E+00	-2.74E+00	-39.49	-2.74E+00	-3.40E-02	
	-68.00	3.88E-06	-2.41E-05	9.18E-06	-1.44E-04	-8.40E-06	1.66E-04	6.30E-05	-8.32E-05				
45	584.67	2.94E-01	-3.61E-01	2.75E-01	-1.54E+00	-4.07E-01	1.77E+00	1.54E+00	-1.61E+00	-39.09	2.84E-01	-1.54E+00	
	-68.00	8.75E-06	-1.61E-05	8.40E-06	-1.19E-04	-3.13E-05	1.36E-04	5.69E-05	-6.42E-05				
46	610.83	1.84E+00	-1.51E-01	9.26E-01	-8.06E-01	-8.68E-01	1.37E+00	2.12E+00	-4.36E-01	-19.52	-1.51E-01	8.06E-01	
	-88.00	4.19E-05	-3.45E-05	6.93E-06	-6.20E-05	-6.67E-05	1.06E-04	5.29E-05	-4.55E-05				
47	482.63	-5.21E-02	-5.50E-01	1.95E-01	-4.59E-01	-1.93E-01	9.00E-01	2.21E-01	-8.23E-01	-30.78	-5.21E-02	-4.59E-01	
	-21.00	2.47E-06	-1.67E-05	1.20E-05	-3.53E-05	-1.45E-05	6.92E-05	1.30E-05	-2.72E-05				
48	485.83	-2.06E+00	-3.23E+00	-1.74E+00	-1.30E+00	-3.35E-02	2.59E+00	-1.22E+00	-4.07E+00	-32.92	-2.24E+00	-1.37E+00	
	-12.00	-2.06E-06	-4.70E-05	1.04E-05	-1.00E-04	-2.58E-06	1.99E-04	3.03E-05	-7.94E-05				
49	507.88	1.17E-01	-2.56E-01	3.66E-01	-4.84E-01	-1.09E-01	9.61E-01	4.49E-01	-5.88E-01	-34.46	1.17E-01	-4.84E-01	
	-21.00	2.01E-06	-1.23E-05	1.16E-05	-3.72E-05	-8.35E-06	7.39E-05	1.48E-05	-2.51E-05				
50	538.67	-3.42E-01	-1.05E+00	-1.91E-01	-1.67E+00	-5.51E-01	1.90E+00	1.01E+00	-2.40E+00	-39.06	-2.39E+00	-1.88E-01	
	-10.00	4.18E-06	-2.29E-05	1.00E-05	-1.29E-04	-4.24E-05	1.46E-04	5.64E-05	-7.50E-05				
51	484.67	4.25E+00	2.91E+00	3.35E+00	1.48E-01	-2.03E-01	3.07E-01	4.27E+00	2.85E+00	6.20	2.91E+00	-1.48E-01	
	8.00	4.80E-05	-3.69E-06	1.34E-05	1.14E-05	-1.56E-05	2.36E-05	4.86E-05	-4.31E-06				
52	507.00	-5.69E-01	-6.09E-01	-1.46E-01	-4.60E-01	-2.46E-01	-5.90E-01	-2.42E-01	-1.22E+00	-35.40	-1.05E+00	-3.66E-01	

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	9.00	-4.26E-06	-1.66E-05	1.20E-05	-3.54E-05	-1.89E-05	-4.54E-05	8.31E-06	-2.91E-05				
53	603.00	1.54E-01	-8.67E-02	3.01E-01	-6.18E-01	-2.64E-01	6.91E-01	6.62E-01	-5.97E-01	-39.44	5.13E-01	-4.07E-01	
	-18.00	1.90E-06	-7.44E-06	7.56E-05	-4.75E-05	-2.03E-05	5.32E-05	2.14E-05	-2.70E-05				
54	712.00	9.26E-03	-2.55E-01	-4.71E-02	-9.50E-01	-9.76E-02	1.23E+00	8.36E-01	-1.08E+00	-41.04	8.26E-03	-9.50E-01	
	-303.00	4.21E-06	-7.81E-06	1.69E-06	-8.64E-05	-8.87E-06	1.12E-04	4.18E-05	-4.54E-05				
55	712.00	5.36E-01	7.89E-02	3.70E-01	-1.04E+00	-2.95E-01	1.19E+00	1.37E+00	-7.54E-01	-38.79	5.36E-01	-1.04E+00	
	-213.00	1.16E-05	-9.20E-06	4.03E-06	-9.42E-05	-2.66E-05	1.08E-04	4.94E-05	-4.71E-05				
56	712.00	9.19E-01	2.44E-01	6.24E-01	-7.24E-01	-6.46E-01	9.76E-01	1.38E+00	-2.18E-01	-32.50	9.19E-01	-7.24E-01	
	-138.00	1.15E-05	-3.83E-06	4.91E-06	-3.29E-05	-2.94E-05	4.43E-05	2.20E-05	-1.43E-05				
57	712.00	3.57E-01	-3.71E-02	3.16E-01	-4.97E-01	-2.55E-01	6.95E-01	6.94E-01	-3.74E-01	-34.18	3.57E-01	-4.97E-01	
	-78.00	6.74E-06	-8.41E-06	5.16E-06	-3.82E-05	-1.96E-05	5.35E-05	1.97E-05	-2.14E-05				
58	712.00	3.60E-01	-7.32E-03	3.40E-01	-6.81E-01	-2.03E-01	8.50E-01	8.82E-01	-5.29E-01	-37.46	3.60E-01	-6.81E-01	
	-18.00	6.23E-06	-7.89E-06	5.46E-06	-5.24E-05	-1.56E-05	6.54E-05	2.63E-05	-2.80E-05				
59	837.00	2.63E+00	1.38E+00	1.60E+00	-7.89E-01	-6.58E-01	1.10E+00	3.01E+00	9.95E-01	-25.75	1.38E+00	7.89E-01	
	-318.00	4.67E-05	-1.03E-05	.00E+00	-7.17E-05	-5.98E-05	9.97E-05	6.40E-05	-2.76E-05				
60	887.00	2.15E-01	-2.54E-01	-1.55E-02	-2.12E+00	-2.31E-01	2.52E+00	2.11E+00	-2.15E+00	-41.84	-2.00E+00	7.91E-01	
	-288.00	1.05E-05	-1.08E-05	.00E+00	-1.93E-04	-2.10E-05	2.29E-04	9.68E-05	-9.71E-05				
61	987.00	-5.91E-01	-5.42E-01	-4.53E-01	-2.13E+00	1.76E-01	2.43E+00	1.56E+00	-2.70E+00	-45.33	-5.91E-01	-2.13E+00	
	-288.00	-6.27E-06	-4.03E-06	.00E+00	-1.94E-04	1.60E-05	2.21E-04	9.17E-05	-1.02E-04				
62	1037.00	2.50E+00	1.41E+00	1.56E+00	-1.54E+00	-6.03E-01	2.01E+00	3.58E+00	3.23E-01	-35.24	1.41E+00	1.54E+00	
	-318.00	4.25E-05	-7.01E-06	.00E+00	-1.40E-04	-5.48E-05	1.83E-04	9.18E-05	-5.63E-05				
63	862.00	5.38E-02	-1.14E-01	3.99E-02	-1.10E+00	-8.71E-02	1.30E+00	1.07E+00	-1.13E+00	-42.81	5.38E-02	-1.10E+00	
	-213.00	2.72E-06	-4.93E-06	2.08E-06	-9.98E-05	-7.92E-06	1.18E-04	4.89E-05	-5.11E-05				
64	1012.00	-1.04E-01	-2.03E-01	-6.47E-02	-1.16E+00	2.93E-02	1.36E+00	1.01E+00	-1.31E+00	-43.79	-1.04E-01	-1.16E+00	
	-213.00	8.38E-08	-4.38E-06	1.88E-06	-1.05E-04	2.66E-06	1.24E-04	5.06E-05	-5.49E-05				
65	837.00	2.42E-01	-1.19E-01	2.24E-01	-8.83E-01	2.42E-02	1.31E+00	9.63E-01	-8.40E-01	-39.22	-1.19E-01	8.83E-01	
	-148.00	3.69E-06	-4.53E-06	3.26E-06	-4.01E-05	1.10E-06	5.97E-05	2.01E-05	-2.09E-05				
66	937.00	2.51E-01	-1.99E-01	1.82E-01	-1.48E+00	-1.63E-01	1.62E+00	1.52E+00	-1.47E+00	-40.66	-1.15E+00	9.13E-01	
	-128.00	4.48E-06	-5.76E-06	2.92E-06	-6.71E-05	-7.41E-06	7.36E-05	3.33E-05	-3.46E-05				
67	1037.00	1.52E+00	-1.05E-01	5.72E-01	-1.44E+00	-6.24E-01	1.71E+00	2.36E+00	-9.43E-01	-30.25	-1.05E-01	1.44E+00	
	-148.00	2.41E-05	-1.28E-05	2.57E-06	-6.53E-05	-2.84E-05	7.78E-05	4.32E-05	-3.19E-05				
68	837.00	4.07E-01	-1.20E-02	2.80E-01	-1.60E+00	-2.20E-01	1.89E+00	1.81E+00	-1.42E+00	-41.27	4.07E-01	-1.60E+00	
	-68.00	8.24E-06	-7.87E-06	3.34E-06	-1.23E-04	-1.70E-05	1.45E-04	6.22E-05	-6.19E-05				
69	937.00	8.50E-01	-4.58E-02	4.30E-01	-8.94E-01	-2.80E-01	9.38E-01	1.40E+00	-5.98E-01	-31.70	-4.58E-02	8.94E-01	
	-88.00	1.91E-05	-1.53E-05	2.98E-06	-6.88E-05	-2.15E-05	7.82E-05	4.04E-05	-3.66E-05				
70	1037.00	-2.79E-01	-9.28E-01	-3.85E-01	-1.51E+00	-6.73E-03	2.01E+00	9.43E-01	-2.15E+00	-38.94	-1.88E+00	8.71E-01	
	-68.00	6.77E-06	-1.82E-05	2.69E-06	-1.16E-04	-5.18E-07	1.55E-04	5.38E-05	-6.52E-05				
71	862.00	5.11E-01	8.54E-02	3.75E-01	-6.75E-01	-2.25E-01	8.56E-01	1.01E+00	-4.10E-01	-36.26	5.11E-01	-6.75E-01	
	-18.00	8.96E-06	-7.39E-06	3.76E-06	-5.19E-05	-1.73E-05	6.58E-05	2.80E-05	-2.64E-05				
72	1012.00	-6.74E-03	-3.02E-01	-7.56E-03	-7.94E-01	-2.73E-02	8.13E-01	6.53E-01	-9.62E-01	-39.73	-6.74E-03	-7.94E-01	
	-18.00	3.22E-06	-8.14E-06	3.18E-06	-6.10E-05	-2.10E-06	6.25E-05	2.86E-05	-3.35E-05				
73	1387.00	-1.25E-01	-1.43E-01	-9.70E-02	-8.46E-01	-1.04E-02	9.60E-01	7.12E-01	-9.80E-01	-44.70	-1.25E-01	-8.46E-01	
	-303.00	-9.42E-07	-1.75E-06	3.26E-07	-7.69E-05	-9.45E-07	8.72E-05	3.71E-05	-3.98E-05				
74	1387.00	2.73E-02	2.47E-02	4.34E-02	-9.05E-01	-5.35E-02	9.40E-01	9.31E-01	-8.79E-01	-44.96	2.73E-02	-9.05E-01	
	-213.00	3.98E-09	-1.17E-07	7.32E-07	-8.23E-05	-4.87E-06	8.54E-05	4.11E-05	-4.12E-05				
75	1387.00	1.06E-01	-2.20E-02	7.01E-02	-6.70E-01	-1.72E-01	6.62E-01	7.14E-01	-6.31E-01	-42.28	1.06E-01	-6.70E-01	
	-138.00	1.59E-06	-1.31E-06	7.87E-07	-3.04E-05	-7.84E-06	3.01E-05	1.54E-05	-1.51E-05				
76	1187.00	3.99E-01	2.75E-01	3.55E-01	-1.03E+00	-2.74E-01	8.60E-01	1.37E+00	-6.97E-01	-43.27	3.99E-01	-1.03E+00	
	-68.00	4.05E-06	-7.45E-07	2.35E-06	-7.94E-05	-2.11E-05	6.62E-05	4.14E-05	-3.81E-05				
77	1387.00	3.10E-01	1.35E-01	1.60E-01	-4.98E-01	-2.17E-01	5.87E-01	7.28E-01	-2.83E-01	-40.02	1.35E-01	4.98E-01	
	-88.00	5.27E-06	-1.46E-06	-4.87E-07	-3.83E-05	-1.67E-05	4.52E-05	2.14E-05	-1.75E-05				
78	1587.00	1.49E-01	5.00E-02	6.42E-02	-6.69E-01	-6.53E-02	4.66E-01	7.70E-01	-5.71E-01	-42.88	-2.03E-01	5.98E-01	
	-68.00	2.84E-06	-9.72E-07	-4.26E-07	-5.15E-05	-5.02E-06	3.59E-05	2.67E-05	-2.49E-05				
79	1237.00	4.82E-01	1.13E-01	2.83E-01	-5.80E-01	-3.06E-01	5.41E-01	9.06E-01	-3.12E-01	-36.20	4.82E-01	-5.80E-01	
	-18.00	8.88E-06	-5.30E-06	1.24E-06	-4.46E-05	-2.35E-05	4.16E-05	2.52E-05	-2.16E-05				
80	1433.80	2.87E-01	-1.44E-02	9.72E-02	-7.17E-01	-1.97E-01	4.52E-01	8.69E-01	-5.96E-01	-39.06	2.87E-01	-7.17E-01	
	-8.00	6.98E-06	-4.62E-06	-3.29E-07	-5.51E-05	-1.52E-05	3.48E-05	2.94E-05	-2.70E-05				
81	1533.80	4.75E-01	8.42E-02	1.94E-01	-3.85E-01	-1.69E-01	2.57E-01	7.11E-01	-1.52E-01	-31.53	8.42E-02	3.85E-01	
	-28.00	9.99E-06	-5.04E-06	-8.16E-07	-2.96E-05	-1.30E-05	1.97E-05	1.91E-05	-1.41E-05				
82	1633.80	5.35E-01	1.93E-01	2.63E-01	-1.52E-01	-8.21E-02	8.06E-02	5.93E-01	1.35E-01	-20.80	1.35E-01	1.54E-03	
	-8.00	9.69E-06	-3.47E-06	-7.66E-07	-1.17E-05	-6.32E-06	6.20E-06	1.19E-05	-5.69E-06				
83	1433.80	[illegible]90E+00	7.61E-01	1.02E+00	-4.32E-01	-6.93E-01	[illegible]E-01	2.05E+00	6.16E-01	-18.57	7.61E-01	4.32E-[illegible]	
	27.6[illegible]	[illegible]26E-05	-1.12E-05	-1.16E-06	-3.32E-05	-5.33E-05	[illegible]-05	3.82E-05	-1.68E-05				
84	1296[illegible]	[illegible].95E-01	4.30E-02	3.01E-01	-5.03E-01	-3.44E-01	[illegible]E-01	9.69E-01	-2.30E-01	-28.52	3.60E-01	6.[illegible]	

	40.7[illegible]	[illegible].53E-05	-9.77E-06	1.70E-07	-3.87E-05	-2.65E-05	[illegible]E-05	2.58E-05	-2.03E-05					
85	1148.60	1.73E-01	-1.17E-01	2.03E-01	-7.19E-01	-3.93E-01	[illegible]E-01	8.98E-01	-6.31E-01	-35.59	-4.98E-01	-4.30E[illegible]		
	57.33	9.32E-06	-9.53E-06	2.74E-06	-5.53E-05	-3.02E-05	2.49E-05	2.91E-05	-2.93E-05					
86	1131.40	2.35E+00	1.24E+00	1.41E+00	-1.53E-01	-1.10E+00	1.18E-01	2.37E+00	1.22E+00	-7.67	1.24E+00	1.53E-01		
	112.00	3.55E-05	-7.27E-06	-7.14E-07	-1.17E-05	-8.45E-05	9.07E-06	3.63E-05	-8.06E-06					
87	1019.80	6.13E-01	-1.45E-01	3.00E-01	-6.66E-01	-3.57E-01	1.17E+00	1.00E+00	-5.32E-01	-30.19	-1.45E-01	6.66E-01		
	34.67	1.51E-05	-1.40E-05	3.09E-06	-5.12E-05	-2.74E-05	9.01E-05	3.00E-05	-2.85E-05					
88	886.60	4.12E-01	-5.40E-02	3.00E-01	-5.42E-01	-1.72E-01	7.47E-01	7.69E-01	-4.11E-01	-33.35	4.12E-01	-5.42E-01		
	46.00	9.63E-06	-9.31E-06	4.29E-06	-4.17E-05	-1.33E-05	5.74E-05	2.23E-05	-2.30E-05					
89	869.80	1.97E+00	9.28E-01	1.35E+00	-2.28E-01	-3.68E-01	4.95E-01	2.02E+00	8.80E-01	-11.77	9.28E-01	2.28E-01		
	96.00	2.92E-05	-1.10E-05	5.09E-06	-1.75E-05	-2.83E-05	3.81E-05	3.11E-05	-1.28E-05					
90	952.60	3.25E-01	-9.61E-01	-8.52E-02	-9.38E-01	-3.02E-01	6.53E-01	8.19E-01	-1.45E+00	-27.78	-1.26E+00	6.31E-01		
	128.00	2.04E-05	-2.90E-05	4.64E-06	-7.21E-05	-2.32E-05	5.03E-05	3.94E-05	-4.80E-05					
91	869.80	5.56E-01	7.67E-03	3.98E-01	-4.05E-01	-2.63E-01	2.78E-01	7.71E-01	-2.07E-01	-27.95	5.56E-01	-4.05E-01		
	160.00	1.08E-05	-1.03E-05	4.73E-06	-3.11E-05	-2.03E-05	2.14E-05	1.91E-05	-1.85E-05					
92	869.80	2.38E+00	7.84E-01	1.39E+00	-6.28E-02	-7.16E-01	2.34E-01	2.38E+00	7.82E-01	-2.25	7.84E-01	6.28E-02		
	203.60	4.15E-05	-1.99E-05	3.49E-06	-4.83E-06	-5.51E-05	1.80E-05	4.16E-05	-2.00E-05					
93	598.67	1.48E-01	-2.31E-01	2.15E-01	-1.10E+00	-3.84E-01	1.32E+00	1.08E+00	-1.16E+00	-40.14	-2.31E-01	1.10E+00		
	16.00	4.23E-06	-1.03E-05	6.83E-06	-8.50E-05	-2.95E-05	1.02E-04	4.01E-05	-4.62E-05					
94	645.75	3.43E-01	-3.82E-02	3.47E-01	-6.90E-01	-2.10E-01	6.96E-01	8.68E-01	-5.64E-01	-37.29	3.43E-01	-6.90E-01		
	24.00	6.02E-06	-8.63E-06	6.19E-06	-5.31E-05	-1.61E-05	5.35E-05	2.62E-05	-2.88E-05					
95	613.10	4.87E-01	4.58E-01	6.03E-01	-1.09E+00	-9.91E-02	6.22E-01	1.56E+00	-6.20E-01	-44.61	4.87E-01	-1.09E+00		
	69.33	1.73E-06	5.92E-07	6.18E-06	-8.40E-05	-7.62E-06	4.78E-05	4.32E-05	-4.08E-05					
96	708.45	5.99E-01	2.94E-03	4.29E-01	-5.41E-01	-2.00E-01	6.22E-01	9.18E-01	-3.17E-01	-30.59	3.70E-01	6.14E-01		
	59.00	1.17E-05	-1.12E-05	5.18E-06	-4.16E-05	-1.54E-05	4.78E-05	2.40E-05	-2.35E-05					
97	613.10	1.75E+00	9.28E-01	1.27E+00	-2.75E-01	-2.48E-01	3.36E-01	1.84E+00	8.45E-01	-16.83	9.28E-01	2.75E-01		
	96.00	2.40E-05	-7.70E-06	5.38E-06	-2.11E-05	-1.91E-05	2.59E-05	2.72E-05	-1.09E-05					
98	682.27	5.18E-01	-4.87E-02	3.64E-01	-6.98E-01	-9.04E-02	7.82E-01	9.88E-01	-5.15E-01	-33.97	-4.86E-01	2.20E-01		
	112.00	1.08E-05	-1.10E-05	4.83E-06	-5.37E-05	-6.95E-06	6.02E-05	2.89E-05	-2.91E-05					
99	751.43	1.38E+00	-8.92E-01	3.83E-01	-8.97E-01	-5.38E-01	1.27E+00	1.70E+00	-1.20E+00	-19.11	-8.92E-01	8.97E-01		
	96.00	4.36E-05	-4.39E-05	5.10E-06	-6.90E-05	-4.14E-05	9.79E-05	5.56E-05	-5.59E-05					
100	683.25	5.43E-01	4.80E-02	4.02E-01	-2.78E-01	-5.83E-02	3.80E-01	6.67E-01	-7.67E-02	-24.17	5.43E-01	-2.78E-01		
	152.00	9.96E-06	-9.06E-06	4.56E-06	-2.14E-05	-4.49E-06	2.93E-05	1.48E-05	-1.39E-05					
101	648.67	2.47E+00	1.30E+00	1.74E+00	-1.52E-01	-5.89E-02	3.49E-01	2.49E+00	1.28E+00	-7.30	1.30E+00	1.52E-01		
	192.00	3.43E-05	-1.05E-05	6.48E-06	-1.17E-05	-4.53E-06	2.69E-05	3.51E-05	-1.12E-05					
102	728.25	3.55E-01	-2.12E-01	1.94E-01	-3.55E-01	-8.31E-03	2.01E-01	5.26E-01	-3.83E-01	-25.72	1.87E-02	4.51E-01		
	232.70	9.94E-06	-1.19E-05	3.77E-06	-2.73E-05	-6.39E-07	1.54E-05	1.65E-05	-1.84E-05					
103	635.50	2.82E-01	1.59E-01	2.58E-01	-2.20E-02	-2.48E-03	2.34E-01	2.85E-01	1.56E-01	-9.89	2.82E-01	-2.20E-02		
	256.00	3.16E-06	-1.55E-06	2.23E-06	-1.69E-06	-1.91E-07	1.80E-05	3.30E-06	-1.69E-06					
104	635.50	9.03E-01	5.86E-01	7.16E-01	3.05E-02	7.46E-02	-6.58E-03	9.06E-01	5.83E-01	5.44	5.86E-01	-3.05E-02		
	290.67	1.05E-05	-1.70E-06	3.30E-06	2.35E-06	5.74E-06	-5.06E-07	1.06E-05	-1.81E-06					
105	569.00	7.41E-02	-2.65E-01	2.20E-01	-1.23E+00	-3.67E-01	1.14E+00	1.15E+00	-1.34E+00	-41.09	7.41E-02	-1.23E+00		
	16.50	2.53E-06	-1.05E-05	8.14E-06	-9.47E-05	-2.82E-05	8.75E-05	4.38E-05	-5.18E-05					
106	508.50	-8.15E-01	-5.92E-01	-2.10E-01	-5.90E-01	-6.84E-01	3.86E-01	-1.03E-01	-1.30E+00	-50.35	-5.92E-01	5.90E-01		
	13.00	-1.36E-05	-5.00E-06	9.69E-06	-4.54E-05	-5.26E-05	2.97E-05	1.38E-05	-3.24E-05					
107	521.00	-3.77E-01	-4.24E-01	6.41E-02	-1.06E+00	-2.94E-01	6.61E-01	6.61E-01	-1.46E+00	-44.37	-3.77E-01	-1.06E+00		
	15.75	-6.41E-06	-8.20E-06	1.06E-05	-8.16E-05	-2.27E-05	5.09E-05	3.35E-05	-4.81E-05					
108	526.25	-3.12E-01	-3.56E-01	9.10E-02	-1.19E+00	-2.47E-01	6.82E-01	8.54E-01	-1.52E+00	-44.46	-3.12E-01	-1.19E+00		
	21.00	-5.65E-06	-7.36E-06	9.84E-06	-9.14E-05	-1.90E-05	5.25E-05	3.92E-05	-5.22E-05					
109	515.50	-3.80E-01	-3.05E-01	3.29E-02	-1.34E+00	-4.24E-01	3.92E-01	9.96E-01	-1.68E+00	-45.80	-3.05E-01	1.34E+00		
	26.00	-7.44E-06	-4.58E-06	8.43E-06	-1.03E-04	-3.26E-05	3.01E-05	4.55E-05	-5.75E-05					
110	531.50	-1.94E-02	-2.12E-01	2.09E-01	-9.85E-01	-1.74E-01	5.72E-01	8.74E-01	-1.11E+00	-42.21	-1.94E-02	-9.85E-01		
	34.50	-5.01E-07	-7.90E-06	8.28E-06	-7.58E-05	-1.34E-05	4.40E-05	3.39E-05	-4.23E-05					
111	515.50	1.00E+00	1.25E+00	1.22E+00	-2.65E+00	-1.24E-01	6.23E-01	3.78E+00	-1.53E+00	-46.35	1.00E+00	-2.65E+00		
	44.00	3.71E-07	9.98E-06	8.71E-06	-2.04E-04	-9.56E-06	4.79E-05	1.07E-04	-9.69E-05					
112	515.50	1.03E+00	6.24E-01	9.27E-01	-6.38E-01	-1.64E-01	3.12E-01	1.49E+00	1.56E-01	-36.26	6.24E-01	6.38E-01		
	53.33	1.11E-05	-4.32E-06	7.35E-06	-4.91E-05	-1.26E-05	2.40E-05	2.91E-05	-2.23E-05					
113	547.50	4.11E-01	-5.76E-01	1.86E-01	-1.14E+00	-1.59E-01	6.31E-01	1.16E+00	-1.33E+00	-33.31	-9.19E-01	9.20E-01		
	64.00	1.56E-05	-2.24E-05	6.92E-06	-8.78E-05	-1.22E-05	4.85E-05	4.44E-05	-5.12E-05					
114	515.50	1.05E+00	9.63E-01	1.03E+00	-1.08E+00	-8.87E-02	5.91E-01	2.09E+00	-7.31E-02	-43.80	1.05E+00	-1.08E+00		
	74.67	7.06E-06	3.58E-06	6.07E-06	-8.30E-05	-6.82E-06	4.55E-05	4.69E-05	-3.62E-05					
115	515.50	2.55E+00	1.59E+00	1.89E+00	-4.11E-01	-1.56E-01	2.86E-01	2.70E+00	1.43E+00	-20.17	1.59E+00	4.11E-01		
	88.00	3.20E-05	-5.23E-06	6.34E-06	-3.16E-05	-1.20E-05	2.20E-05	3.78E-05	-1.10E-05					
116	547.50	1.11E+00	-2.39E-01	9.64E-01	-1.40E+00	-1.59E-01	7.23E-01	1.99E+00	-1.12E+00	-32.17	-8.19E-01	9.19E-01		

	104.00	2.69E-05	-2.49E-05	5.97E-06	-1.08E-04	-1.23E-05	5.56E-05	6.07E-05	-5.88E-05				
117	515.50	4.11E-01	1.44E-01	3.60E-01	-8.68E-01	-9.03E-03	6.81E-01	1.16E+00	-6.01E-01	-40.63	4.11E-01	-8.68E-01	
	120.00	5.75E-06	-4.51E-06	3.79E-06	-6.68E-05	-6.94E-07	5.24E-05	3.44E-05	-3.32E-05				
118	515.50	2.00E+00	1.22E+00	1.45E+00	-3.43E-01	3.01E-02	2.46E-01	2.13E+00	1.09E+00	-20.70	1.22E+00	3.43E-01	
	136.00	2.56E-05	-4.37E-06	4.50E-06	-2.64E-05	2.32E-06	1.89E-05	3.05E-05	-9.36E-06				
119	547.50	9.53E-01	-5.13E-02	5.15E-01	-9.27E-01	-4.31E-02	4.50E-01	1.51E+00	-6.03E-01	-30.77	-4.28E-01	5.81E-01	
	152.00	2.11E-05	-1.75E-05	4.23E-06	-7.13E-05	-3.31E-06	3.46E-05	4.23E-05	-3.68E-05				
120	515.50	4.33E-01	5.34E-02	2.59E-01	-5.34E-01	5.59E-02	6.59E-01	8.10E-01	-3.24E-01	-35.22	4.33E-01	-5.34E-01	
	168.00	8.46E-06	-6.13E-06	1.76E-06	-4.11E-05	4.30E-06	5.07E-05	2.30E-05	-2.06E-05				
121	515.50	2.47E+00	1.54E+00	1.74E+00	-2.91E-01	1.74E-01	1.88E-01	2.56E+00	1.46E+00	-15.99	1.54E+00	2.91E-01	
	184.00	3.19E-05	-3.67E-06	3.55E-06	-2.24E-05	1.34E-05	1.45E-05	3.51E-05	-7.08E-06				
122	547.50	6.37E-01	-5.96E-01	1.38E-01	-1.12E+00	5.04E-02	5.36E-01	1.30E+00	-1.26E+00	-30.62	-1.05E+00	7.01E-01	
	200.00	2.25E-05	-2.49E-05	3.35E-06	-8.64E-05	3.88E-06	4.13E-05	4.81E-05	-5.04E-05				
123	515.50	-4.80E-01	-9.77E-01	-5.88E-01	-4.25E-01	2.03E-01	9.05E-01	-2.36E-01	-1.22E+00	-29.83	-4.80E-01	-4.25E-01	
	216.00	4.01E-06	-1.51E-05	-1.40E-07	-3.27E-05	1.56E-05	6.96E-05	1.34E-05	-2.45E-05				
124	515.50	1.04E+00	6.47E-01	7.75E-01	-1.62E-01	5.71E-01	1.23E-01	1.10E+00	5.88E-01	-19.72	6.47E-01	1.62E-01	
	232.00	1.30E-05	-2.20E-06	2.75E-06	-1.25E-05	4.39E-05	9.49E-06	1.52E-05	-4.44E-06				
125	547.50	7.26E-01	5.38E-01	6.00E-01	-3.03E-01	2.73E-01	-2.60E-01	9.49E-01	3.15E-01	-36.37	4.07E-01	2.23E-01	
	248.00	7.45E-06	2.07E-07	2.59E-06	-2.33E-05	2.10E-05	-2.00E-05	1.60E-05	-8.37E-06				
126	515.50	-5.44E-01	-9.91E-01	-6.54E-01	2.46E-02	2.47E-01	7.83E-01	-5.43E-01	-9.93E-01	3.14	-5.44E-01	2.46E-02	
	264.00	9.14E-06	-1.41E-05	-1.11E-06	1.89E-06	1.90E-05	6.02E-05	3.19E-06	-1.41E-05				
127	515.50	8.07E-01	5.45E-01	6.27E-01	-1.37E-01	6.78E-01	5.87E-02	8.65E-01	4.86E-01	-23.12	5.45E-01	1.37E-01	
	276.00	9.29E-06	-7.97E-07	2.38E-06	-1.05E-05	5.21E-05	4.51E-06	1.15E-05	-3.05E-06				
128	531.50	7.98E-02	-9.37E-04	3.11E-02	-6.45E-02	2.26E-01	2.46E-02	1.16E-01	-3.67E-02	-28.98	7.98E-02	-6.45E-02	
	297.00	1.86E-06	-1.24E-06	-1.09E-08	-4.96E-06	1.74E-05	1.89E-06	3.23E-06	-2.62E-06				
129	515.50	-9.11E-01	-1.30E+00	-9.50E-01	6.39E-02	2.55E-01	6.34E-01	-9.01E-01	-1.31E+00	9.18	-9.11E-01	6.39E-02	
	320.00	-3.54E-07	-1.51E-05	-1.84E-06	4.91E-06	1.96E-05	4.88E-05	4.31E-08	-1.55E-05				
130	565.50	1.16E-01	-5.02E-01	1.92E-01	-1.78E+00	-4.83E-01	1.53E+00	1.62E+00	-2.00E+00	-40.08	1.16E-01	-1.78E+00	
	-8.00	6.60E-06	-1.72E-05	9.52E-06	-1.37E-04	-3.71E-05	1.18E-04	6.43E-05	-7.49E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4708E+01	-.2387E+02	-.2029E+03	-.2718E+02	-.8287E+02	.5159E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3323E+01	-.1977E+01	-.1260E+01	-.1562E+02	.2132E+02	.2144E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3883E+01	.7320E+00	-.6723E+00	-.2216E+02	.5011E+02	.3738E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5234E+01	-.1134E+01	-.2941E+00	-.3023E+02	.7651E+02	.5445E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5910E+01	.9187E+00	-.2646E+00	-.3912E+02	.1031E+03	.7252E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.6491E+00	.3257E+00	-.4474E+00	-.5463E+02	.1289E+03	.9297E+02
25	-.1087E+02	-.1786E+01	-.1882E+00	-.7019E+02	.1418E+03	.1121E+03
	.1791E+02	.2693E+01	-.2459E+00	-.747[illegible]2	.1494E+03	.1262E+03
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]0	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4122E+02	.5051E+01	-.2205E+01	-.7439E+02	.2013E+03	.1372E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1197E+04	-.1923E+03	-.2112E+01	-.1077E+03	.5158E+03	.2133E+03
40	-.7140E+03	-.9833E+02	-.1170E+02	-.9769E+02	.5104E+03	.1965E+03
41	-.3387E+03	-.3306E+02	-.1557E+02	-.9184E+02	.4634E+03	.1721E+03
42	-.4429E+02	.5287E+01	-.1000E+02	-.7240E+02	.3332E+03	.1504E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2541E+03	.1864E+02	.1133E+01	.2874E+00	.5321E+03	-.9118E+02
48	.1959E+03	.1767E+02	.1172E+01	-.5678E+02	.4886E+03	-.6748E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1066E+04	.1645E+03	.4533E+01	-.6355E+02	.3521E+03	-.3193E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1033E+01	-.1572E+02	-.3431E-01	.1886E+01	.5257E+03	-.8365E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.7344E+03	.1127E+03	.4598E+01	-.6856E+02	.2908E+03	-.3047E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.5202E+03	.8049E+02	.6319E+01	-.6425E+02	.2821E+03	-.2970E+03
66	.1930E+03	.3120E+02	.8104E+01	-.6725E+02	.2566E+03	-.3085E+03
67	-.3250E+03	-.4661E+02	.8241E+01	-.6726E+02	.2336E+03	-.3086E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.5809E+03	-.8491E+02	.7291E+01	-.9409E+02	.2226E+03	-.2921E+03
76	.5745E+02	.1069E+02	.5346E+01	-.1069E+03	.1973E+03	-.2914E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2461E+03	-.3523E+02	.4094E+01	-.1112E+03	.1575E+03	-.2833E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.9731E+02	.1603E+02	.3199E+01	-.1278E+03	.1290E+03	-.2719E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1462E+03	-.2087E+02	.2433E+01	-.1112E+03	.9212E+02	-.2546E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.8272E+02	.1320E+02	.2381E+01	-.1036E+03	.8619E+02	-.2346E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.9796E+02	-.1419E+02	.2485E+01	-.9833E+02	.3585E+02	-.2100E+03
109	.5278E+02	.8153E+01	.2287E+01	-.9550E+02	.1004E+02	-.1829E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.8327E+02	-.1253E+02	.2334E+01	-.6674E+02	-.1404E+02	-.1480E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7543E+02	-.1156E+02	.9958E+00	-.4700E+02	-.3235E+02	-.1136E+03
115	.1619E+02	.2105E+01	.8021E+00	-.2883E+02	-.3656E+02	-.7798E+02
116	-.4217E+02	-.6840E+01	.9604E+00	-.1345E+02	-.5013E+02	-.5093E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2509E+02	-.4362E+01	.6874E+00	-.2889E+02	-.5882E+02	-.5235E+02
119	.8016E+01	.5393E+00	.8846E+00	.9468E+01	-.5869E+02	-.2179E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.5222E+02	-.9088E+01	-.3344E+01	.1954E+02	-.6787E+02	-.5663E+01
122	-.4741E+02	-.8039E+01	-.8096E+01	-.3183E+01	-.6909E+02	-.1379E+02
123	-.3905E+02	-.6142E+01	-.7153E+01	-.2656E+01	-.6225E+02	-.1295E+02
124	-.3170E+02	-.4584E+01	-.4913E+01	-.2260E+01	-.5294E+02	-.1226E+02
125	-.2417E+02	-.3202E+01	-.3604E+01	-.1919E+01	-.4548E+02	-.1158E+02
126	-.1365E+02	-.1244E+01	-.3409E+01	-.1515E+01	-.4095E+02	-.1086E+02
127	-.5101E+01	.3153E+00	-.3589E+01	-.1176E+01	-.3769E+02	-.9821E+01
128	.4923E+01	.1972E+01	-.3774E+01	-.4044E+00	-.2985E+02	-.8584E+01
129	.7264E+01	.2095E+01	-.3556E+01	.8019E-01	-.2225E+02	-.7272E+01
130	.6300E+01	.1533E+01	-.3031E+01	.3403E+00	-.1545E+02	-.6042E+01
131	.2185E+01	.3529E+00	-.2432E+01	.4516E+00	-.9849E+01	-.4978E+01
132	-.1429E+00	-.1277E+00	-.1963E+01	.2399E+00	-.7686E+01	-.4035E+01
133	-.2547E+00	-.1066E+00	-.1644E+01	.1328E+00	-.6461E+01	-.3248E+01
134	-.9366E-01	-.5281E-01	-.1594E+01	.1066E+00	-.5018E+01	-.2518E+01
135	-.4444E-01	-.2158E-01	-.1785E+01	.9425E-01	-.3570E+01	-.1860E+01
136	.5945E-02	-.1620E-01	-.2358E+01	.8730E-01	-.2347E+01	-.1252E+01
137	.1345E-01	.3052E-02	-.3570E+01	.1401E+00	-.1086E+01	-.6925E+00
138	.2312E-01	-.5151E-01	-.4655E+02	.2029E+00	.3192E+00	-.3747E+00
139	-.4193E-01	-.6805E-01	-.1958E+02	.2120E-01	-.1770E+00	.1982E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.94179E-02	-.51685E-04	.92630E-02	.00000E+00
3	-.17470E-01	-.13125E-03	.17534E-01	.00000E+00
4	-.19185E-01	-.10563E-03	.19297E-01	.00000E+00
5	-.21017E-01	-.91001E-04	.21025E-01	.00000E+00
6	-.24258E-01	.25119E-04	.24257E-01	.63531E-05
7	-.21900E-01	.14589E-03	.22101E-01	.00000E+00
8	-.24321E-01	.15221E-03	.24354E-01	.18729E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.92427E-02	.34087E-04	.92731E-02	.00000E+00
[illegible]	-.17603E-01	.10533E-03	.17744E-01	.00000E+00
[illegible]	-.20058E-01	.21565E-03	.20092E-01	.00000E+00

	-.21801E-01	.20392E-03	.21806E-01	.00000E+00
14	-.24409E-01	.39386E-03	.24594E-01	.39349E-05
15	-.22387E-01	.61025E-03	.22612E-01	.00000E+00
16	-.24743E-01	.69359E-03	.24997E-01	.46629E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.94408E-02	.19140E-03	.94270E-02	.00000E+00
19	-.18160E-01	.53957E-03	.18232E-01	.00000E+00
20	-.20720E-01	.70331E-03	.20760E-01	.00000E+00
21	-.22570E-01	.75416E-03	.22556E-01	.00000E+00
22	-.25112E-01	.10662E-02	.25565E-01	.55230E-05
23	-.23404E-01	.12370E-02	.24013E-01	.00000E+00
24	-.25533E-01	.13567E-02	.26325E-01	.10595E-05
25	-.25827E-01	.14063E-02	.26846E-01	.40733E-05
26	-.25995E-01	.15767E-02	.27163E-01	.16082E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.98291E-02	.39779E-03	.94527E-02	.00000E+00
29	-.19070E-01	.10930E-02	.18556E-01	.00000E+00
30	-.21357E-01	.14436E-02	.21441E-01	.00000E+00
31	-.23458E-01	.15670E-02	.23986E-01	.00000E+00
32	-.26183E-01	.18411E-02	.27522E-01	.56056E-06
33	-.23524E-01	.17217E-02	.23834E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.99624E-02	.35167E-03	.93821E-02	.00000E+00
36	-.19519E-01	.13310E-02	.18553E-01	.00000E+00
37	-.21766E-01	.15776E-02	.21134E-01	.00000E+00
38	-.24395E-01	.22069E-02	.24740E-01	.00000E+00
39	-.26388E-01	.25867E-02	.28070E-01	.28591E-04
40	-.26336E-01	.22885E-02	.27937E-01	.25096E-04
41	-.26286E-01	.20445E-02	.27816E-01	.18884E-04
42	-.26259E-01	.18770E-02	.27693E-01	.89992E-05
43	-.22378E-01	.16863E-02	.20207E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.10104E-01	.87190E-03	.83046E-02	.00000E+00
46	-.20473E-01	.13944E-02	.17327E-01	.00000E+00
47	-.26412E-01	.27653E-02	.28108E-01	.15985E-04
48	-.26404E-01	.26976E-02	.28114E-01	.29029E-04
49	-.24410E-01	.21609E-02	.24474E-01	.00000E+00
50	-.26717E-01	.27139E-02	.28259E-01	.72076E-04
51	-.25371E-01	.20849E-02	.23533E-01	.00000E+00
52	-.28287E-01	.25438E-02	.26112E-01	.00000E+00
53	-.26428E-01	.28042E-02	.28087E-01	-.30923E-05
54	-.22795E-01	.16175E-02	.18559E-01	.00000E+00
55	-.25471E-01	.17188E-02	.20612E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.89190E-02	-.69099E-03	.58061E-02	.00000E+00
58	-.19102E-01	.22953E-03	.11378E-01	.00000E+00
59	-.29260E-01	.24376E-02	.24314E-01	.00000E+00
60	-.28602E-01	.25186E-02	.25275E-01	.00000E+00
61	-.26090E-01	.27265E-02	.28346E-01	.10764E-03
62	-.22194E-01	.10452E-02	.13836E-01	.00000E+00
63	-.25226E-01	.16012E-02	.16826E-01	.00000E+00
64	-.28847E-01	.26567E-02	.26548E-01	.00000E+00
65	-.27352E-01	.27372E-02	.28429E-01	.13201E-03
66	-.28235E-01	.27509E-02	.28594E-01	.15792E-03
67	-.29176E-01	.27301E-02	.28772E-01	.14874E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.72172E-02	.31503E-03	.35591E-02	.00000E+00
70	-.20568E-01	.47102E-03	.11558E-01	.00000E+00
71	-.29315E-01	.22581E-02	.19555E-01	.00000E+00
72	-.25747E-01	.27639E-02	.26568E-01	.00000E+00
73	-.25277E-01	.11362E-02	.13381E-01	.00000E+00
74	-.31543E-01	.30128E-02	.29010E-01	.00000E+00
75	-.29046E-01	.28145E-02	.28933E-01	.11088E-03
76	-.30991E-01	.28369E-02	.29265E-01	.75019E-04

77	-.28632E-01	.19376E-02	.16057E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.25536E-02	-.05346E-04	.46195E-02	.00000E+00
80	-.20200E-01	.85316E-03	.10223E-01	.00000E+00
81	-.22313E-01	.10453E-02	.11250E-01	.00000E+00
82	-.24762E-01	.16958E-02	.12755E-01	.00000E+00
83	-.32628E-01	.30341E-02	.21991E-01	.00000E+00
84	-.31571E-01	.25494E-02	.17357E-01	.00000E+00
85	-.32139E-01	.29357E-02	.29672E-01	.58934E-04
86	-.32723E-01	.31603E-02	.29105E-01	.00000E+00
87	-.29259E-01	.19103E-02	.15148E-01	.00000E+00
88	-.33156E-01	.30103E-02	.25797E-01	.00000E+00
89	-.32896E-01	.29198E-02	.30093E-01	.46332E-04
90	-.23786E-01	.30719E-03	.10852E-01	.00000E+00
91	-.25169E-01	.58766E-03	.11390E-01	.00000E+00
92	-.26510E-01	.45300E-03	.11870E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.10651E-01	.00000E+00	.50521E-02	.00000E+00
95	-.19313E-01	.00000E+00	.88259E-02	.00000E+00
96	-.21894E-01	.00000E+00	.99015E-02	.00000E+00
97	-.22898E-01	.00000E+00	.10095E-01	.00000E+00
98	-.22630E-01	.00000E+00	.99373E-02	.00000E+00
99	-.24297E-01	.46531E-05	.10644E-01	.00000E+00
100	-.28333E-01	.84760E-03	.12926E-01	.00000E+00
101	-.32926E-01	.20739E-02	.17272E-01	.00000E+00
102	-.34101E-01	.29829E-02	.30692E-01	.42456E-04
103	-.34123E-01	.31154E-02	.22231E-01	.00000E+00
104	-.34875E-01	.32070E-02	.30401E-01	.00000E+00
105	-.34931E-01	.30382E-02	.31249E-01	.37964E-04
106	-.35339E-01	.37179E-02	.24956E-01	.00000E+00
107	-.36365E-01	.33284E-02	.31067E-01	.00000E+00
108	-.35947E-01	.31058E-02	.31772E-01	.36351E-04
109	-.36642E-01	.31565E-02	.32259E-01	.30347E-04
110	-.36622E-01	.34528E-02	.26861E-01	.00000E+00
111	-.37771E-01	.33205E-02	.32044E-01	.00000E+00
112	-.37428E-01	.32164E-02	.32689E-01	.27306E-04
113	-.37556E-01	.36941E-02	.29016E-01	.00000E+00
114	-.37853E-01	.32751E-02	.33091E-01	.11699E-04
115	-.38052E-01	.33340E-02	.33428E-01	.38825E-05
116	-.38047E-01	.33130E-02	.33735E-01	-.34068E-05
117	-.37989E-01	.33454E-02	.33106E-01	.00000E+00
118	-.37982E-01	.34050E-02	.33872E-01	-.77639E-05
119	-.37748E-01	.34448E-02	.34078E-01	-.16078E-04
120	-.38394E-01	.36738E-02	.33701E-01	.00000E+00
121	-.37211E-01	.34759E-02	.34302E-01	-.29619E-04
122	-.37152E-01	.37218E-02	.34373E-01	-.35337E-04
123	-.37062E-01	.39493E-02	.34436E-01	-.39644E-04
124	-.36961E-01	.42041E-02	.34499E-01	-.44344E-04
125	-.36829E-01	.44991E-02	.34566E-01	-.49513E-04
126	-.36579E-01	.50193E-02	.34678E-01	-.54373E-04
127	-.36321E-01	.55635E-02	.34787E-01	-.53149E-04
128	-.35061E-01	.66004E-02	.35011E-01	-.38779E-04
129	-.35593E-01	.72515E-02	.35219E-01	-.20064E-04
130	-.35509E-01	.74994E-02	.35445E-01	.71309E-06
131	-.35726E-01	.69117E-02	.35789E-01	.21087E-04
132	-.36074E-01	.57394E-02	.36087E-01	.26204E-04
133	-.36376E-01	.46766E-02	.36347E-01	.23344E-04
134	-.36584E-01	.37096E-02	.36554E-01	.20355E-04
135	-.36736E-01	.28216E-02	.36719E-01	.19595E-04
136	-.36848E-01	.19383E-02	.36840E-01	.19747E-04
137	-.36912E-01	.10714E-02	.36910E-01	.19763E-04
	-.36956E-01	.15300E-03	.36956E-01	.19998E-04
	-.36956E-01	.19792E-04	.36956E-01	.19813E-04

EARTHQUAKE [illegible]STS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 AT TIME = .3800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.69E-02	1.28E-03	-6.04E-03	-1.14E+00	5.14E-03	1.13E+00	1.15E+00	-1.13E+00	-44.80	1.68E-02	-1.14E+00
	-303.00	6.08E-07	-9.78E-08	-4.32E-07	-1.03E-04	4.67E-07	1.03E-04	5.19E-05	-5.14E-05			
2	72.00	-1.13E-02	-9.61E-03	-8.35E-03	-9.96E-01	8.44E-03	1.02E+00	9.85E-01	-1.01E+00	-45.02	-1.13E-02	-9.96E-01
	-213.00	-1.33E-07	-5.73E-08	1.10E-10	-9.05E-05	7.67E-07	5.32E-05	4.52E-05	-4.53E-05			
3	72.00	-2.21E-01	-4.88E-03	-1.40E-02	-7.07E-01	5.61E-02	7.48E-01	6.02E-01	-8.28E-01	-49.36	-2.21E-01	-7.07E-01
	-138.00	-3.77E-06	1.15E-06	9.43E-07	-3.21E-05	2.55E-06	3.40E-05	3.49E-05	-1.76E-05			
4	24.00	-4.70E-01	-2.91E-02	-2.88E-02	-1.34E+00	1.33E-01	1.41E+00	1.11E+00	-1.61E+00	-49.67	-4.70E-01	-1.34E+00
	-68.00	-1.23E-05	4.68E-06	4.69E-06	-1.03E-04	1.03E-05	1.09E-04	4.84E-05	-5.60E-05			
5	72.00	-1.40E-02	-7.66E-02	-1.88E-02	-5.34E-01	-4.40E-02	6.14E-01	4.90E-01	-5.81E-01	-43.32	-7.66E-02	5.34E-01
	-88.00	6.64E-07	-1.74E-06	4.79E-07	-4.11E-05	-3.38E-06	4.72E-05	2.01E-05	-2.11E-05			
6	120.00	-4.75E-02	-8.68E-02	-4.32E-02	-1.18E+00	-5.70E-02	1.15E+00	1.12E+00	-1.25E+00	-44.52	-1.23E+00	1.94E-01
	-68.00	1.24E-07	-1.39E-06	2.88E-07	-9.09E-05	-4.38E-06	8.88E-05	4.48E-05	-4.61E-05			
7	36.25	-3.74E-01	-1.76E-01	-1.59E-01	-6.01E-01	8.46E-02	5.93E-01	3.34E-01	-8.84E-01	-49.69	-3.53E-01	-6.04E-01
	-19.00	-6.60E-06	1.03E-06	1.67E-06	-4.62E-05	6.51E-06	4.56E-05	2.06E-05	-2.62E-05			
8	108.00	2.32E-02	9.67E-02	6.85E-02	-5.36E-01	-1.23E-02	5.38E-01	5.97E-01	-4.77E-01	-46.96	2.32E-02	-5.36E-01
	-19.00	-1.18E-06	1.65E-06	5.65E-07	-4.12E-05	-9.47E-07	4.14E-05	2.09E-05	-2.04E-05			
9	216.00	1.06E-02	5.33E-02	2.61E-02	-1.14E+00	5.67E-03	1.14E+00	1.17E+00	-1.10E+00	-45.54	1.06E-02	-1.14E+00
	-303.00	-6.88E-07	1.25E-06	1.92E-08	-1.03E-04	5.15E-07	1.04E-04	5.19E-05	-5.14E-05			
10	216.00	-4.45E-02	5.83E-02	1.09E-02	-1.03E+00	2.26E-02	1.04E+00	1.03E+00	-1.02E+00	-46.43	-4.45E-02	-1.03E+00
	-213.00	-2.34E-06	2.33E-06	1.73E-07	-9.33E-05	2.05E-06	9.50E-05	4.67E-05	-4.67E-05			
11	216.00	-2.22E-01	5.26E-02	-3.70E-02	-8.34E-01	8.30E-02	8.54E-01	7.61E-01	-9.30E-01	-49.66	-2.22E-01	-8.34E-01
	-138.00	-3.96E-06	2.28E-06	2.40E-07	-3.79E-05	3.77E-06	3.88E-05	1.84E-05	-2.01E-05			
12	168.00	-1.96E-01	1.48E-01	-1.19E-02	-1.23E+00	1.43E-01	1.27E+00	1.21E+00	-1.26E+00	-48.99	-1.96E-01	-1.23E+00
	-68.00	-6.99E-06	6.35E-06	2.05E-07	-9.44E-05	1.10E-05	9.78E-05	4.74E-05	-4.79E-05			
13	216.00	7.52E-02	-4.65E-02	1.82E-02	-4.46E-01	-4.90E-02	5.60E-01	4.64E-01	-4.35E-01	-41.11	-4.65E-02	4.46E-01
	-88.00	2.38E-06	-2.30E-06	1.84E-07	-3.43E-05	-3.77E-06	4.30E-05	1.73E-05	-1.73E-05			
14	264.00	-1.80E-01	-1.09E-01	-1.10E-01	-1.14E+00	-1.20E-02	1.14E+00	9.93E-01	-1.28E+00	-45.90	-1.26E+00	2.40E-01
	-68.00	-2.54E-06	1.94E-07	1.50E-07	-8.74E-05	-9.23E-07	8.81E-05	4.26E-05	-4.49E-05			
15	180.00	-2.48E-01	-5.36E-02	-9.63E-02	-4.94E-01	1.00E-01	5.45E-01	3.52E-01	-6.54E-01	-50.58	-2.48E-01	-4.94E-01
	-19.00	-5.17E-06	2.31E-06	6.70E-07	-3.80E-05	7.72E-06	4.19E-05	1.79E-05	-2.08E-05			
16	252.00	-7.18E-02	1.16E-01	5.04E-02	-5.03E-01	3.45E-02	5.64E-01	5.33E-01	-4.90E-01	-50.28	-7.18E-02	-5.03E-01
	-19.00	-3.80E-06	3.41E-06	9.05E-07	-3.87E-05	2.66E-06	4.34E-05	1.95E-05	-1.99E-05			
17	361.00	4.44E-02	1.46E-01	6.77E-02	-1.17E+00	3.54E-03	1.15E+00	1.27E+00	-1.08E+00	-46.24	4.44E-02	-1.17E+00
	-303.00	-1.33E-06	3.27E-06	-2.70E-07	-1.06E-04	3.58E-07	1.04E-04	5.42E-05	-5.23E-05			
18	361.00	-6.37E-02	1.62E-01	2.14E-02	-1.07E+00	1.95E-02	1.08E+00	1.12E+00	-1.03E+00	-48.01	-6.37E-02	-1.07E+00
	-213.00	-4.44E-06	5.80E-06	-5.76E-07	-9.72E-05	1.77E-06	9.80E-05	4.95E-05	-4.82E-05			
19	361.00	-2.74E-01	1.47E-01	-5.06E-02	-7.91E-01	8.06E-02	9.35E-01	7.56E-01	-8.82E-01	-52.45	-2.74E-01	-7.91E-01
	-138.00	-5.30E-06	4.28E-06	-2.20E-07	-3.60E-05	3.66E-06	4.25E-05	1.81E-05	-1.91E-05			
20	312.00	-3.52E-01	2.21E-01	-4.76E-02	-1.30E+00	2.61E-01	1.45E+00	1.26E+00	-1.39E+00	-51.23	-3.52E-01	-1.30E+00
	-68.00	-1.16E-05	1.05E-05	1.27E-07	-9.98E-05	2.01E-05	1.12E-04	5.06E-05	-5.17E-05			
21	360.67	1.53E-01	-1.20E-01	2.18E-02	-5.13E-01	-1.11E-01	7.82E-01	5.47E-01	-5.14E-01	-37.54	-1.20E-01	5.13E-01
	-88.00	5.29E-06	-5.22E-06	2.33E-07	-3.94E-05	-8.51E-06	6.02E-05	2.04E-05	-2.04E-05			
22	400.33	-2.04E-02	1.17E-02	4.01E-03	-1.29E+00	-7.38E-03	1.61E+00	1.29E+00	-1.30E+00	-45.35	-1.27E+00	2.83E-01
	-68.00	-7.32E-07	5.01E-07	2.06E-07	-9.95E-05	-5.68E-07	1.24E-04	4.97E-05	-4.99E-05			
23	324.00	-4.08E-01	-8.24E-02	-1.44E-01	-4.55E-01	1.82E-01	5.52E-01	2.38E-01	-7.28E-01	-54.85	-4.08E-01	-4.55E-01
	-19.00	-8.72E-06	3.81E-06	1.42E-06	-3.50E-05	1.40E-05	4.25E-05	1.61E-05	-2.10E-05			
24	372.00	-1.59E-01	2.50E-01	9.63E-02	-1.48E+00	1.67E-01	1.63E+00	1.54E+00	-1.45E+00	-48.93	-1.59E-01	-1.48E+00
	-9.33	-8.17E-06	7.56E-06	1.64E-06	-1.14E-04	1.28E-05	1.25E-04	5.72E-05	-5.78E-05			
25	401.25	-1.33E-01	-2.15E-02	1.34E-02	-4.69E-01	4.65E-02	6.16E-01	3.95E-01	-5.50E-01	-48.40	3.18E-01	-2.58E-01
	-19.00	-3.58E-06	7.30E-07	2.07E-06	-3.61E-05	3.58E-06	4.74E-05	1.68E-05	-1.96E-05			
26	427.67	-2.08E-01	3.00E-01	8.17E-02	-1.61E+00	2.29E-01	2.25E+00	1.67E+00	-1.58E+00	-49.48	-1.11E+00	-1.15E+00
	-5.33	-9.90E-06	9.62E-06	1.24E-06	-1.24E-04	1.77E-05	1.73E-04	6.25E-05	-6.28E-05			
27	457.00	6.45E-02	1.88E-01	8.49E-02	-1.21E+00	-2.69E-03	1.15E+00	1.34E+00	-1.05E+00	-46.45	6.45E-02	-1.21E+00
	-303.00	-1.45E-06	4.16E-06	-5.23E-07	-1.10E-04	-2.44E-07	1.04E-04	5.67E-05	-5.39E-05			
28	457.00	-6.73E-02	2.77E-01	4.27E-02	-1.13E+00	5.82E-03	1.10E+00	1.24E+00	-1.03E+00	-49.34	-6.73E-02	-1.13E+00
	-213.00	-6.33E-06	9.30E-06	-1.33E-06	-1.02E-04	5.30E-07	9.88E-05	5.33E-05	-5.03E-05			
29	457.00	-5.90E-01	3.69E-02	-2.29E-01	-7.42E-01	-4.99E-02	9.37E-01	5.31E-01	-1.08E+00	-56.48	-5.90E-01	-7.42E-01

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	-138.00	-9.33E-06	4.98E-06	-1.11E-06	-3.37E-05	-2.27E-06	4.26E-05	1.62E-05	-2.05E-05				
30	442.00	2.51E-01	5.49E-01	3.27E-01	-1.30E+00	-8.52E-02	1.58E+00	1.70E+00	-9.04E-01	-48.29	2.51E-01	-1.30E+00	
	-68.00	-2.74E-06	6.75E-06	1.90E-07	-9.97E-05	-6.55E-06	1.21E-04	5.32E-05	-4.72E-05				
31	457.33	1.71E+00	1.27E+00	1.14E+00	-5.41E-01	-9.19E-01	8.48E-01	2.07E+00	9.05E-01	-33.95	1.27E+00	5.41E-01	
	-88.00	2.04E-05	3.66E-06	-1.38E-06	-4.16E-05	-7.07E-05	6.52E-05	3.44E-05	-1.04E-05				
32	472.67	-1.94E+00	-3.04E-01	-9.47E-01	-1.23E+00	5.53E-01	2.10E+00	3.56E-01	-2.60E+00	-61.79	-2.54E+00	-4.12E-01	
	-68.00	-3.96E-05	2.34E-05	-1.34E-06	-9.49E-05	4.25E-05	1.62E-04	4.88E-05	-6.50E-05				
33	443.00	-2.47E-01	4.43E-02	-1.50E-02	-5.65E-01	6.25E-02	8.02E-01	4.74E-01	-6.97E-01	-52.71	-2.67E-01	-5.65E-01	
	-19.50	-7.67E-06	4.32E-06	2.04E-06	-4.34E-05	4.80E-06	6.17E-05	2.09E-05	-2.42E-05				
34	454.00	-1.36E+00	-2.49E-01	-6.17E-01	-1.77E+00	5.99E-01	2.80E+00	1.06E+00	-2.66E+00	-53.66	-2.03E+00	-1.39E+00	
	-11.33	-2.77E-05	1.48E-05	6.83E-07	-1.37E-04	4.61E-05	2.15E-04	6.51E-05	-7.79E-05				
35	461.67	8.48E-01	1.55E+00	9.84E-01	-1.72E+00	1.34E-01	2.86E+00	2.95E+00	-5.55E-01	-50.77	8.48E-01	-1.72E+00	
	-12.00	-4.54E-06	2.25E-05	6.71E-07	-1.32E-04	1.03E-05	2.20E-04	7.64E-05	-5.85E-05				
36	469.00	8.65E-01	6.87E-01	6.48E-01	-1.76E-01	-8.28E-01	1.09E+00	9.73E-01	5.79E-01	-31.62	6.87E-01	1.76E-01	
	-30.00	9.08E-06	2.27E-06	7.34E-07	-1.35E-05	-6.37E-05	8.41E-05	1.32E-05	-1.90E-06				
37	476.33	4.82E-01	1.01E+00	6.22E-01	-1.07E+00	1.48E-01	2.31E+00	1.85E+00	-3.61E-01	-51.89	8.22E-02	-8.86E-01	
	-12.00	-4.69E-06	1.56E-05	7.25E-07	-8.27E-05	1.13E-05	1.78E-04	4.80E-05	-3.71E-05				
38	558.50	2.22E-01	3.82E-01	2.09E-01	-1.21E+00	-2.60E-02	1.07E+00	1.51E+00	-9.08E-01	-46.89	2.22E-01	-1.21E+00	
	-303.00	-4.50E-07	6.80E-06	-1.07E-06	-1.10E-04	-2.37E-06	9.77E-05	5.82E-05	-5.19E-05				
39	558.50	9.02E-03	2.69E-01	2.18E-02	-1.20E+00	-4.87E-02	1.09E+00	1.34E+00	-1.07E+00	-48.10	9.02E-03	-1.20E+00	
	-213.00	-3.49E-06	8.34E-06	-2.91E-06	-1.09E-04	-4.43E-06	9.93E-05	5.72E-05	-5.23E-05				
40	506.17	-1.97E-01	7.68E-01	6.22E-02	-2.67E+00	-2.18E-01	2.44E+00	2.99E+00	-2.42E+00	-50.13	-1.97E-01	-2.67E+00	
	-128.00	-7.80E-06	1.41E-05	-1.91E-06	-1.21E-04	-9.90E-06	1.11E-04	6.47E-05	-5.84E-05				
41	558.50	5.39E-02	3.76E-01	-1.93E-01	-1.07E+00	-6.23E-01	1.53E+00	1.30E+00	-8.68E-01	-49.27	3.76E-01	1.07E+00	
	-148.00	-1.37E-08	7.30E-06	-5.63E-06	-4.87E-05	-2.83E-05	6.95E-05	2.83E-05	-2.10E-05				
42	610.83	-1.72E-01	6.03E-01	-1.65E-01	-2.42E+00	-3.49E-01	1.91E+00	2.67E+00	-2.24E+00	-49.55	-2.02E+00	1.01E+00	
	-128.00	-5.30E-06	1.23E-05	-5.15E-06	-1.10E-04	-1.58E-05	8.68E-05	5.92E-05	-5.22E-05				
43	501.38	-9.49E-02	2.51E-01	3.49E-02	-5.65E-01	-2.37E-01	6.53E-01	6.95E-01	-4.99E-01	-54.42	-9.49E-02	-5.65E-01	
	-78.00	-6.19E-06	8.65E-06	-1.19E-06	-4.35E-05	-1.82E-05	5.02E-05	2.42E-05	-2.17E-05				
44	534.67	-1.57E-01	7.43E-01	8.64E-02	-1.75E+00	-1.18E-01	2.32E+00	2.10E+00	-1.52E+00	-52.21	-1.35E+00	7.47E-01	
	-68.00	-1.34E-05	2.12E-05	-4.06E-06	-1.35E-04	-9.10E-06	1.79E-04	7.34E-05	-6.57E-05				
45	584.67	4.27E-01	8.19E-01	3.63E-01	-2.03E+00	-4.35E-01	1.49E+00	2.66E+00	-1.41E+00	-47.76	4.27E-01	-2.03E+00	
	-68.00	-1.27E-06	1.38E-05	-3.71E-06	-1.56E-04	-3.35E-05	1.15E-04	8.46E-05	-7.21E-05				
46	610.83	1.71E+00	1.21E+00	9.16E-01	-1.11E+00	-7.96E-01	1.21E+00	2.60E+00	3.24E-01	-38.73	1.21E+00	1.11E+00	
	-88.00	2.35E-05	4.52E-06	-6.93E-06	-8.53E-05	-6.12E-05	9.33E-05	5.77E-05	-2.97E-05				
47	482.63	2.94E-01	6.05E-01	4.31E-01	-3.75E-01	-2.45E-01	7.67E-01	8.56E-01	4.37E-02	-56.27	2.94E-01	-3.75E-01	
	-21.00	-3.31E-06	8.66E-06	1.97E-06	-2.88E-05	-1.88E-05	5.90E-05	1.83E-05	-1.29E-05				
48	485.83	1.50E+00	2.40E+00	1.56E+00	-1.16E+00	-2.54E-02	2.57E+00	3.19E+00	7.11E-01	-55.58	1.36E+00	-1.09E+00	
	-12.00	-2.25E-06	3.21E-05	1.31E-07	-8.89E-05	-1.96E-06	1.98E-04	6.26E-05	-3.27E-05				
49	507.88	-5.61E-02	5.15E-01	2.12E-01	-4.32E-01	-1.33E-01	8.55E-01	7.47E-01	-2.85E-01	-61.72	-5.61E-02	-4.32E-01	
	-21.00	-9.53E-06	1.24E-05	7.78E-07	-3.32E-05	-1.03E-05	6.58E-05	2.14E-05	-1.85E-05				
50	538.67	-2.72E-01	9.42E-01	1.44E-01	-1.58E+00	-5.99E-01	2.05E+00	2.02E+00	-1.35E+00	-55.53	-1.18E+00	7.57E-01	
	-10.00	-1.94E-05	2.73E-05	-3.41E-06	-1.21E-04	-4.61E-05	1.58E-04	6.89E-05	-6.10E-05				
51	484.67	6.85E+00	4.82E+00	4.79E+00	9.10E-02	-6.57E-01	2.41E-01	6.85E+00	4.81E+00	2.56	4.82E+00	-9.10E-02	
	8.00	8.26E-05	4.39E-06	3.50E-06	7.00E-06	-5.05E-05	1.85E-05	8.27E-05	4.23E-06				
52	507.00	-2.29E+00	-2.52E+00	-1.87E+00	-1.45E+00	-2.78E-01	-8.29E-01	-9.48E-01	-3.86E+00	-42.67	-3.61E+00	-8.17E-01	
	9.00	-1.45E-05	-2.36E-05	1.35E-06	-1.12E-04	-2.14E-05	-6.37E-05	3.70E-05	-7.50E-05				
53	603.00	-2.39E-01	1.92E-01	-2.45E-01	-7.82E-01	-2.80E-01	6.05E-01	7.87E-01	-8.34E-01	-52.69	2.96E-01	-7.45E-01	
	-18.00	-5.97E-06	1.06E-05	-6.21E-06	-6.01E-05	-2.15E-05	4.66E-05	3.35E-05	-2.89E-05				
54	712.00	2.29E-01	1.64E-01	1.04E-01	-1.22E+00	-7.26E-02	8.62E-01	1.42E+00	-1.02E+00	-44.24	2.29E-01	-1.22E+00	
	-303.00	3.95E-06	1.01E-06	-1.72E-06	-1.11E-04	-6.60E-06	7.83E-05	5.79E-05	-5.30E-05				
55	712.00	6.71E-01	6.60E-01	3.62E-01	-1.36E+00	-2.49E-01	8.85E-01	2.02E+00	-6.90E-01	-44.88	6.71E-01	-1.36E+00	
	-213.00	8.52E-06	8.02E-06	-5.54E-06	-1.23E-04	-2.26E-05	8.04E-05	6.99E-05	-5.34E-05				
56	712.00	5.20E-01	6.12E-01	-1.32E-01	-1.12E+00	-6.01E-01	6.43E-01	1.69E+00	-5.55E-01	-46.17	5.20E-01	-1.12E+00	
	-138.00	6.57E-06	8.66E-06	-8.24E-06	-5.09E-05	-2.73E-05	2.92E-05	3.31E-05	-1.79E-05				
57	712.00	3.27E-02	1.02E-01	-2.77E-01	-6.48E-01	-2.51E-01	5.19E-01	7.17E-01	-5.82E-01	-46.53	3.27E-02	-6.48E-01	
	-78.00	2.82E-06	5.49E-06	-9.08E-06	-4.99E-05	-1.93E-05	3.99E-05	2.91E-05	-2.08E-05				
58	712.00	1.65E-01	4.62E-01	-1.06E-01	-8.68E-01	-2.43E-01	6.60E-01	1.19E+00	-5.67E-01	-49.85	1.65E-01	-8.68E-01	
	-18.00	6.36E-07	1.20E-05	-9.82E-06	-6.68E-05	-1.87E-05	5.07E-05	4.02E-05	-2.75E-05				
59	837.00	3.59E+00	2.11E+00	2.26E+00	-1.04E+00	-4.26E-01	7.10E-01	4.12E+00	1.57E+00	-27.30	2.11E+00	1.04E+00	
	-318.00	5.95E-05	-7.68E-06	.00E+00	-9.45E-05	-3.87E-05	6.45E-05	8.38E-05	-3.21E-05				
60	887.00	7.19E-01	4.54E-01	4.69E-01	-2.78E+00	-1.65E-01	1.58E+00	3.37E+00	-2.20E+00	-43.64	-1.93E+00	1.19E+00	
	-288.	1.13E-05	-6.77E-07	.00E+00	-2.53E-04	-1.50E-05	[illegible]4E-04	1.32E-04	-1.21E-04				
61	98[illegible]	4.61E-01	-8.95E-02	-2.20E-01	-2.88E+00	7.78E-0[illegible]	[illegible]3E+00	2.61E+00	-3.16E+00	-46.85	-4.61E-01	-2[illegible]	

	-286.00	[illegible]9E-05	5.94E-06	.00E+00	-2.62E-04	7.07E-06	[illegible]-04	1.29E-04	-1.34E-04					
62	1037.00	3.80E+00	2.46E+00	2.51E+00	-2.16E+00	-3.39E-01	[illegible]+00	5.39E+00	8.71E-01	-36.34	2.46E+00	2.16E[illegible]		
	-318.00	5.91E-05	-2.12E-06	.00E+00	-1.96E-04	-3.08E-05	1.03E-04	1.31E-04	-7.43E-05					
63	862.00	1.13E-01	2.76E-01	-5.46E-02	-1.35E+00	-8.20E-04	6.27E-01	1.57E+00	-1.15E+00	-46.70	1.13E-01	-1.38E+00		
	-213.00	7.81E-07	8.20E-06	-6.82E-06	-1.25E-04	-7.45E-08	7.52E-05	6.72E-05	-5.82E-05					
64	1012.00	-2.03E-01	7.49E-02	-2.56E-01	-1.52E+00	6.30E-02	8.26E-01	1.47E+00	-1.59E+00	-47.60	-2.03E-01	-1.52E+00		
	-213.00	-4.24E-06	8.39E-06	-6.64E-06	-1.39E-04	5.73E-06	7.51E-05	7.17E-05	-6.75E-05					
65	837.00	-5.76E-01	4.04E-01	-6.68E-01	-9.71E-01	-4.46E-02	8.78E-01	1.00E+00	-1.18E+00	-50.41	4.04E-01	9.71E-01		
	-148.00	-8.72E-06	1.36E-05	-1.08E-05	-4.41E-05	-2.03E-06	3.99E-05	2.72E-05	-2.23E-05					
66	937.00	-2.75E-02	4.17E-01	-4.33E-01	-1.85E+00	2.20E-02	1.06E+00	2.06E+00	-1.67E+00	-48.43	-9.20E-01	1.49E+00		
	-128.00	-3.97E-07	9.71E-06	-9.62E-06	-8.41E-05	9.95E-07	4.83E-05	4.70E-05	-3.77E-05					
67	1037.00	1.40E+00	9.65E-01	1.42E-01	-1.72E+00	-3.31E-01	1.22E+00	2.85E+00	-5.86E-01	-40.90	9.05E-01	1.72E+00		
	-148.00	1.90E-05	7.74E-06	-9.62E-06	-7.83E-05	-1.50E-05	5.57E-05	5.29E-05	-2.62E-05					
68	837.00	4.97E-01	1.03E+00	2.46E-01	-2.02E+00	-1.69E-01	1.18E+00	2.80E+00	-1.26E+00	-48.73	4.97E-01	-2.02E+00		
	-68.00	-3.38E-07	2.01E-05	-9.99E-06	-1.56E-04	-1.30E-05	9.09E-08	8.83E-05	-6.86E-05					
69	937.00	1.61E-01	-4.24E-02	-3.82E-01	-9.62E-01	-1.63E-01	6.77E-01	1.03E+00	-9.06E-01	-41.99	-4.24E-02	9.62E-01		
	-88.00	9.09E-06	1.27E-06	-1.18E-05	-7.40E-05	-1.25E-05	5.21E-05	4.24E-05	-3.20E-05					
70	1037.00	6.59E-01	1.04E+00	2.93E-01	-1.66E+00	8.44E-02	1.10E+00	2.52E+00	-8.22E-01	-48.29	-1.56E-01	1.34E+00		
	-68.00	3.43E-06	1.82E-05	-1.07E-05	-1.28E-04	6.50E-06	8.46E-05	7.52E-05	-5.35E-05					
71	862.00	1.79E-01	4.53E-01	-1.97E-01	-8.39E-01	-1.40E-01	5.59E-01	1.17E+00	-5.34E-01	-49.64	1.79E-01	-8.39E-01		
	-18.00	2.11E-06	1.27E-05	-1.24E-05	-6.45E-05	-1.08E-05	4.30E-05	4.01E-05	-2.53E-05					
72	1012.00	-1.78E-01	8.22E-02	-4.93E-01	-8.34E-01	9.59E-02	5.28E-01	7.96E-01	-8.92E-01	-49.43	-1.78E-01	-8.34E-01		
	-18.00	-3.71E-07	9.63E-06	-1.25E-05	-6.41E-05	7.38E-06	4.06E-05	3.71E-05	-2.78E-05					
73	1387.00	-2.00E-01	-1.79E-01	-2.06E-01	-1.19E+00	2.35E-02	5.91E-01	1.00E+00	-1.38E+00	-45.26	-2.00E-01	-1.19E+00		
	-303.00	-1.49E-06	-5.30E-07	-1.77E-06	-1.08E-04	2.13E-06	5.37E-05	5.31E-05	-5.52E-05					
74	1387.00	-5.68E-02	7.65E-02	-1.60E-01	-1.23E+00	5.12E-02	5.72E-01	1.24E+00	-1.22E+00	-46.55	-5.68E-02	-1.23E+00		
	-213.00	-7.55E-07	5.30E-06	-5.46E-06	-1.12E-04	4.66E-06	5.20E-05	5.82E-05	-5.37E-05					
75	1387.00	-1.13E-01	-7.78E-02	-5.06E-01	-8.96E-01	1.22E-01	3.78E-01	8.01E-01	-9.92E-01	-45.56	-1.13E-01	-8.96E-01		
	-138.00	1.09E-06	1.88E-06	-7.84E-06	-4.07E-05	5.56E-06	1.72E-05	2.19E-05	-1.85E-05					
76	1187.00	-1.38E-03	2.88E-02	-3.28E-01	-1.44E+00	3.87E-02	5.54E-01	1.45E+00	-1.42E+00	-45.30	-1.38E-03	-1.44E+00		
	-68.00	3.25E-06	4.41E-06	-9.32E-06	-1.10E-04	2.98E-06	4.26E-05	5.91E-05	-5.14E-05					
77	1387.00	3.07E-01	3.90E-01	-3.58E-02	-6.69E-01	3.34E-02	3.09E-01	1.02E+00	-3.21E-01	-46.77	3.90E-01	6.69E-01		
	-88.00	4.55E-06	7.73E-06	-8.65E-06	-9.14E-05	2.57E-06	2.38E-05	3.19E-05	-1.96E-05					
78	1587.00	1.06E-01	1.63E-01	-1.68E-01	-8.58E-01	6.54E-02	2.90E-01	9.93E-01	-7.24E-01	-45.95	-1.69E-01	8.03E-01		
	-68.00	2.96E-06	5.15E-06	-7.55E-06	-6.60E-05	5.03E-06	2.23E-05	3.71E-05	-2.90E-05					
79	1237.00	3.54E-01	2.59E-01	-1.63E-01	-6.94E-01	1.61E-02	3.06E-01	1.00E+00	-3.85E-01	-43.06	3.54E-01	-6.94E-01		
	-18.00	8.44E-06	4.82E-06	-1.07E-05	-5.34E-05	1.24E-06	2.35E-05	3.34E-05	-2.03E-05					
80	1433.80	2.25E-01	1.69E-01	-1.71E-01	-7.64E-01	4.81E-02	1.85E-01	9.61E-01	-5.67E-01	-43.94	2.25E-01	-7.64E-01		
	-8.00	6.21E-06	4.04E-06	-9.02E-06	-5.87E-05	3.70E-06	1.43E-05	3.45E-05	-2.43E-05					
81	1533.80	3.80E-01	9.55E-02	-1.12E-01	-4.60E-01	1.91E-02	1.64E-01	7.21E-01	-2.41E-01	-36.51	9.95E-02	4.60E-01		
	-28.00	1.06E-05	-2.16E-07	-8.35E-06	-3.54E-05	1.47E-06	1.26E-05	2.37E-05	-1.33E-05					
82	1633.80	4.11E-01	1.42E-01	-6.40E-02	-1.88E-01	4.43E-02	5.05E-02	5.07E-01	4.56E-02	-27.15	5.16E-02	5.23E-02		
	-8.00	1.04E-05	7.76E-08	-7.84E-06	-1.44E-05	3.41E-06	3.89E-06	1.41E-05	-3.62E-06					
83	1433.80	1.56E+00	7.54E-01	5.78E-01	-5.21E-01	-1.28E-01	1.33E-01	1.81E+00	4.98E-01	-26.16	7.54E-01	5.21E-01		
	27.60	2.82E-05	-2.77E-06	-9.52E-06	-4.01E-05	-9.85E-06	1.02E-05	3.80E-05	-1.26E-05					
84	1296.10	5.38E-01	1.44E-01	-1.34E-01	-4.97E-01	-1.92E-02	1.31E-01	8.76E-01	-1.93E-01	-34.19	4.38E-01	5.26E-01		
	40.70	1.47E-05	-4.82E-07	-1.12E-05	-3.82E-05	-1.48E-06	1.01E-05	2.77E-05	-1.35E-05					
85	1148.60	1.70E-01	-1.57E-01	-4.42E-01	-6.73E-01	-4.03E-02	2.46E-01	6.99E-01	-6.86E-01	-38.18	-5.98E-01	-3.38E-01		
	57.33	1.12E-05	-1.32E-06	-1.23E-05	-5.18E-05	-3.10E-06	1.90E-05	3.16E-05	-2.17E-05					
86	1131.40	2.03E+00	9.04E-01	6.79E-01	-3.92E-01	-4.19E-01	-2.13E-02	2.16E+00	7.81E-01	-17.42	9.04E-01	3.92E-01		
	112.00	3.84E-05	-4.95E-06	-1.36E-05	-3.02E-05	-3.22E-05	-1.64E-06	4.32E-05	-9.69E-06					
87	1019.90	6.59E-01	8.89E-01	1.16E-01	-7.63E-01	-1.69E-01	7.29E-01	1.55E+00	2.12E-03	-49.29	8.89E-01	7.63E-01		
	34.67	7.06E-06	1.59E-05	-1.38E-05	-5.87E-05	-1.30E-05	5.61E-05	4.12E-05	-1.82E-05					
88	886.60	2.30E-01	4.06E-01	-2.30E-01	-6.64E-01	-9.61E-02	5.16E-01	9.87E-01	-3.52E-01	-48.77	2.30E-01	-6.64E-01		
	46.00	4.38E-06	1.11E-05	-1.33E-05	-5.11E-05	-7.39E-06	3.97E-05	3.35E-05	-1.80E-05					
89	869.80	7.04E-01	2.59E-01	-2.10E-01	-4.85E-01	-5.28E-01	2.70E-02	1.02E+00	-5.24E-02	-32.70	2.59E-01	4.85E-01		
	96.00	1.88E-05	1.69E-06	-1.63E-05	-3.73E-05	-4.06E-05	2.07E-06	3.08E-05	-1.03E-05					
90	952.60	2.18E-01	-2.87E-01	-5.71E-01	-7.57E-01	-1.89E-01	6.02E-01	7.63E-01	-8.33E-01	-35.78	-5.51E-01	6.08E-01		
	128.00	1.54E-05	-4.01E-06	-1.49E-05	-5.82E-05	-1.45E-05	4.63E-05	3.64E-05	-2.50E-05					
91	869.80	2.24E-01	5.99E-02	-3.84E-01	-4.20E-01	-2.24E-01	8.66E-02	5.70E-01	-2.86E-01	-39.48	2.24E-01	-4.20E-01		
	160.00	9.71E-06	3.41E-06	-1.37E-05	-3.23E-05	-1.73E-05	6.66E-06	2.30E-05	-9.91E-06					
92	869.80	1.57E+00	5.98E-01	2.14E-01	-4.46E-01	-1.07E+00	2.68E-01	1.75E+00	4.25E-01	-21.22	5.98E-01	4.46E-01		
	203.60	3.43E-05	-2.20E-06	-1.90E-05	-3.43E-05	-8.25E-05	2.06E-05	4.10E-05	-9.86E-06					
93	598.67	-4.94E-01	4.13E-01	-3.33E-01	-1.31E+00	-8.37E-01	1.35E+00	1.35E+00	-1.43E+00	-54.55	4.13E-01	1.31E+00		

	16.00	-1.45E-05	2.04E-05	-5.26E-06	-1.01E-04	-6.44E-05	1.04E-04	5.63E-05	-5.03E-05					
94	645.75	1.94E-02	3.79E-01	-1.42E-01	-8.65E-01	-2.68E-01	6.30E-01	1.08E+00	-6.84E-01	-50.67	1.94E-02	-8.65E-01		
	24.00	-2.06E-06	1.10E-05	-5.29E-06	-6.65E-05	-2.22E-05	4.85E-05	3.88E-05	-2.91E-05					
95	613.10	-1.59E-01	1.51E-01	-1.97E-01	-1.63E+00	-3.52E-01	-7.29E-02	1.66E+00	-1.63E+00	-48.05	-1.59E-01	-1.63E+00		
	69.33	-4.29E-06	9.15E-06	-5.76E-06	-1.26E-04	-2.71E-05	-5.61E-06	6.56E-05	-6.08E-05					
96	708.45	9.95E-02	2.38E-01	-2.67E-01	-7.02E-01	-3.10E-01	4.37E-01	8.74E-01	-5.36E-01	-47.82	6.30E-01	5.33E-01		
	55.00	3.05E-06	8.39E-06	-1.10E-05	-5.40E-05	-2.38E-05	3.36E-05	3.28E-05	-2.14E-05					
97	613.10	8.69E-02	-1.08E-01	-4.45E-01	-6.47E-01	-1.29E+00	2.87E-01	6.43E-01	-6.65E-01	-40.72	-1.08E-01	6.47E-01		
	96.00	8.47E-06	9.71E-07	-1.20E-05	-4.97E-05	-9.53E-05	2.21E-05	2.99E-05	-2.04E-05					
98	692.27	2.13E-01	3.69E-01	-1.61E-01	-1.10E+00	-3.72E-01	3.96E-01	1.29E+00	-8.13E-01	-46.97	-2.17E-01	7.52E-01		
	112.00	3.62E-06	9.46E-06	-1.08E-05	-8.46E-05	-2.86E-05	3.04E-05	4.89E-05	-3.59E-05					
99	751.43	1.28E+00	7.33E-01	2.90E-01	-9.57E-01	-7.73E-01	1.11E+00	2.00E+00	1.08E-02	-37.03	7.33E-01	9.57E-01		
	96.00	2.39E-05	2.89E-06	-1.42E-05	-7.36E-05	-5.94E-05	8.53E-05	5.17E-05	-2.49E-05					
100	683.25	1.17E-01	2.01E-01	-3.00E-01	-3.57E-01	-2.95E-01	3.96E-01	5.18E-01	-2.01E-01	-48.38	1.17E-01	-3.57E-01		
	152.00	4.28E-06	7.54E-06	-1.17E-05	-2.75E-05	-2.27E-05	3.04E-05	1.97E-05	-7.92E-06					
101	648.67	8.45E-01	2.78E-01	-1.33E-01	-3.07E-01	-1.00E+00	1.90E-01	9.79E-01	1.44E-01	-23.67	2.78E-01	3.07E-01		
	192.00	2.16E-05	-1.66E-07	-1.60E-05	-2.36E-05	-7.70E-05	1.46E-05	2.68E-05	-5.34E-06					
102	725.25	2.14E-01	-1.90E-02	-3.54E-01	-2.75E-01	-2.62E-01	3.58E-01	3.96E-01	-2.01E-01	-33.52	1.44E-01	2.95E-01		
	232.70	9.97E-06	1.02E-06	-1.19E-05	-2.11E-05	-2.02E-05	2.75E-05	1.70E-05	-5.99E-06					
103	635.50	1.80E-01	3.32E-01	-1.21E-01	-3.37E-02	-1.99E-01	-3.13E-01	3.44E-01	1.73E-01	-78.38	1.80E-01	-3.37E-02		
	256.00	2.57E-06	8.61E-06	-9.01E-06	-2.59E-06	-1.53E-05	-2.41E-05	8.88E-06	2.31E-06					
104	635.50	3.96E-01	2.85E-01	-2.16E-01	-4.09E-02	-8.21E-01	6.29E-02	4.10E-01	2.72E-01	-18.20	2.85E-01	4.09E-02		
	290.67	1.01E-05	5.86E-06	-1.34E-05	-3.14E-06	-6.31E-05	4.84E-06	1.06E-05	5.35E-06					
105	569.00	-4.45E-01	4.77E-01	-1.63E-01	-1.26E+00	-3.63E-01	1.15E+00	1.36E+00	-1.32E+00	-55.05	-4.45E-01	-1.26E+00		
	16.50	-1.57E-05	1.99E-05	-4.82E-06	-9.68E-05	-2.79E-05	8.85E-05	5.36E-05	-4.95E-05					
106	508.50	-4.55E+00	-2.93E+00	-3.15E+00	-1.27E+00	-1.08E+00	3.12E-01	-2.23E+00	-5.25E+00	-61.28	-2.93E+00	1.27E+00		
	13.00	-5.84E-05	4.18E-06	-4.24E-06	-9.80E-05	-8.28E-05	2.40E-05	3.10E-05	-8.52E-05					
107	521.00	-1.01E+00	-1.50E-01	-5.00E-01	-1.41E+00	-3.30E-01	6.34E-01	8.90E-01	-2.05E+00	-53.50	-1.01E+00	-1.41E+00		
	15.75	-2.06E-05	1.25E-05	-9.70E-07	-1.08E-04	-2.54E-05	4.87E-05	5.25E-05	-6.06E-05					
108	526.25	-8.70E-01	-1.04E-01	-4.60E-01	-1.53E+00	-2.74E-01	6.56E-01	1.09E+00	-2.07E+00	-52.01	-8.70E-01	-1.53E+00		
	21.00	-1.77E-05	1.18E-05	-1.92E-06	-1.18E-04	-2.11E-05	5.05E-05	5.79E-05	-6.38E-05					
109	515.50	-2.99E+00	-1.89E+00	-2.17E+00	-2.04E+00	-7.67E-01	3.16E-01	-3.21E-01	-4.55E+00	-52.54	-1.89E+00	2.04E+00		
	26.00	-3.74E-05	4.88E-06	-6.17E-06	-1.57E-04	-5.90E-05	2.43E-05	6.51E-05	-9.76E-05					
110	531.50	-4.16E-01	9.85E-03	-3.02E-01	-1.22E+00	-1.82E-01	5.60E-01	1.04E+00	-1.44E+00	-49.94	-4.16E-01	-1.22E+00		
	34.50	-8.22E-06	8.16E-06	-3.83E-06	-9.41E-05	-1.40E-05	4.31E-05	4.77E-05	-4.78E-05					
111	515.50	5.02E-01	1.18E+00	5.99E-01	-3.91E+00	-1.44E-01	-3.52E-01	4.76E+00	-3.08E+00	-47.47	5.02E-01	-3.91E+00		
	44.00	-5.75E-06	2.03E-05	-2.00E-06	-3.00E-04	-1.11E-05	-2.71E-05	1.58E-04	-1.44E-04					
112	515.50	-5.77E-01	-3.44E-01	-6.18E-01	-8.69E-01	-4.76E-01	2.55E-01	4.16E-01	-1.34E+00	-48.81	-3.44E-01	8.69E-01		
	53.33	-5.28E-06	3.67E-06	-6.85E-06	-6.69E-05	-3.66E-05	1.96E-05	3.29E-05	-3.45E-05					
113	547.50	6.81E-01	5.83E-01	2.71E-01	-1.18E+00	-2.54E-01	1.49E+00	1.81E+00	-5.47E-01	-43.81	2.04E-01	1.10E+00		
	64.00	9.32E-06	5.56E-06	-6.45E-06	-9.06E-05	-1.95E-05	1.18E-04	5.28E-05	-3.79E-05					
114	515.50	9.09E-01	1.37E+00	7.38E-01	-1.67E+00	-7.16E-02	1.50E-01	2.83E+00	-5.48E-01	-48.93	9.09E-01	-1.67E+00		
	74.67	1.80E-06	1.96E-05	-4.79E-06	-1.29E-04	-5.51E-06	1.15E-05	7.56E-05	-5.42E-05					
115	515.50	1.17E+00	7.73E-01	5.22E-01	-5.63E-01	-3.91E-01	2.45E-01	1.57E+00	3.75E-01	-35.26	7.73E-01	5.63E-01		
	88.00	1.79E-05	2.63E-06	-7.02E-06	-4.33E-05	-3.01E-05	1.88E-05	3.33E-05	-1.27E-05					
116	547.50	1.24E+00	6.39E-01	5.12E-01	-1.50E+00	-2.36E-01	1.06E+00	2.47E+00	-5.91E-01	-39.31	-3.28E-02	1.18E+00		
	104.00	2.15E-05	-1.75E-06	-6.61E-06	-1.16E-04	-1.82E-05	8.13E-05	6.88E-05	-4.91E-05					
117	515.50	4.27E-01	7.75E-01	2.40E-01	-1.30E+00	-2.88E-02	3.70E-01	1.91E+00	-7.07E-01	-46.82	4.27E-01	-1.30E+00		
	120.00	5.82E-07	1.39E-05	-6.61E-06	-9.97E-05	-2.22E-06	2.84E-05	5.75E-05	-4.30E-05					
118	515.50	6.57E-01	4.10E-01	1.11E-01	-4.91E-01	-3.02E-01	2.03E-01	1.04E+00	2.69E-02	-37.93	4.10E-01	4.91E-01		
	136.00	1.23E-05	2.81E-06	-8.68E-06	-3.78E-05	-2.33E-05	1.56E-05	2.71E-05	-1.19E-05					
119	547.50	1.04E+00	6.77E-01	3.87E-01	-1.08E+00	-1.72E-01	6.56E-01	1.95E+00	-2.36E-01	-40.27	1.91E-01	8.66E-01		
	152.00	1.63E-05	2.95E-06	-8.17E-06	-8.28E-05	-1.33E-05	5.05E-05	5.18E-05	-3.21E-05					
120	515.50	5.06E-01	7.82E-01	2.20E-01	-9.56E-01	-5.62E-02	6.71E-02	1.61E+00	-3.22E-01	-49.11	5.06E-01	-9.56E-01		
	168.00	2.89E-06	1.35E-05	-8.10E-06	-7.35E-05	-4.32E-06	5.16E-06	4.53E-05	-2.85E-05					
121	515.50	9.10E-01	5.37E-01	2.04E-01	-3.64E-01	-4.09E-01	1.49E-01	1.13E+00	3.14E-01	-31.43	5.37E-01	3.64E-01		
	184.00	1.69E-05	2.50E-06	-1.03E-05	-2.80E-05	-3.15E-05	1.15E-05	2.54E-05	-6.06E-06					
122	547.50	6.54E-01	1.53E-01	-2.93E-02	-1.03E+00	-2.04E-01	8.90E-01	1.46E+00	-6.53E-01	-38.14	-3.01E-01	7.88E-01		
	200.00	1.66E-05	-2.67E-06	-9.68E-06	-7.90E-05	-1.57E-05	6.84E-05	4.76E-05	-3.37E-05					
123	515.50	6.85E-02	2.86E-01	-1.93E-01	-6.39E-01	-2.23E-02	5.02E-03	8.26E-01	-4.71E-01	-49.83	6.85E-02	-6.39E-01		
	216.00	8.53E-07	9.23E-06	-9.19E-06	-4.92E-05	-1.72E-06	3.86E-07	3.00E-05	-1.95E-05					
124	515.50	[illegible]80E-02	-1.44E-01	-4.98E-01	-9.73E-02	-3.27E-01	[illegible]4E-02	-1.58E-02	-2.19E-01	-36.89	-1.46E-01	9.73E-[illegible]		
	232.00	[illegible]63E-06	2.45E-06	-1.11E-05	-7.49E-06	-2.51E-05	[illegible]-06	7.44E-06	-3.57E-07					
125	547	[illegible]33E-01	-2.13E-01	-5.19E-01	-1.97E-01	-1.45E-01	[illegible]-01	2.80E-02	-3.74E-01	-39.27	-3.01E-01	1.[illegible]		

	248.00	.30E-06	1.32E-06	-1.05E-05	-1.51E-05	-1.12E-05	[illegible]-05	1.06E-05	-4.87E-06				
126	515.50	-1.41E-01	-7.88E-02	-4.31E-01	3.39E-02	7.15E-02	7.59E-02	-6.86E-02	-1.92E-01	73.34	-1.81E-01	3.38E-	
	264.00	4.11E-07	4.56E-06	-8.97E-06	2.60E-06	2.42E-06	5.69E-06	4.95E-06	2.22E-07				
127	515.50	-3.07E-01	-2.00E-01	-5.03E-01	5.22E-02	-1.51E-01	6.51E-02	-2.45E-01	-3.51E-01	49.78	-2.90E-01	-5.22E-02	
	276.00	1.16E-06	1.83E-06	-9.47E-06	4.01E-06	-1.16E-05	5.01E-06	3.53E-06	-5.41E-07				
128	531.50	-4.42E-01	-2.60E-01	-5.66E-01	8.33E-03	2.01E-02	5.18E-02	-2.55E-01	-4.63E-01	87.65	-4.62E-01	8.33E-03	
	297.00	-3.41E-06	4.39E-06	-8.16E-06	6.41E-07	1.55E-06	3.98E-06	4.40E-06	-3.42E-06				
129	515.50	-7.00E-01	-4.46E-02	-5.65E-01	2.55E-01	1.11E-02	-4.86E-02	2.50E-02	-7.90E-01	70.64	-7.00E-01	2.55E-01	
	320.00	-1.23E-05	1.21E-05	-7.11E-06	1.96E-05	8.53E-07	-3.73E-06	1.56E-05	-1.58E-05				
183	565.50	-2.41E-01	7.59E-01	8.87E-02	-1.97E+00	-4.76E-01	1.45E+00	2.29E+00	-1.77E+00	-52.12	-2.41E-01	-1.97E+00	
	-8.00	-1.59E-05	2.25E-05	-3.25E-06	-1.52E-04	-3.66E-05	1.11E-04	8.15E-05	-7.45E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.5571E+02	.3407E+03	.2424E+03	-.1280E+02	-.6749E+01	.9965E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1799E+01	-.2105E+00	.4264E+00	-.2194E+02	.2860E+01	.1088E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.7057E-01	-.1370E+00	.3567E+00	-.3897E+02	.2877E+01	.2198E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.3828E+00	-.1765E+00	.2807E+00	-.5545E+02	.6980E+01	.3230E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.6308E-01	-.1215E+00	.2467E+00	-.7090E+02	.1027E+02	.4420E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2179E+01	.4602E+00	.1033E+00	-.9079E+02	.1560E+02	.5954E+02
25	-.5105E+01	-.7891E+00	.1483E+00	-.1102E+03	.1764E+02	.7516E+02
26	-.1760E+02	-.3164E+01	.3689E+00	-.1214E+03	.1918E+02	.8653E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4612E+02	.7278E+01	-.3489E+00	-.1275E+03	.3211E+02	.9619E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.8936E+02	-.3652E+02	.1472E+02	-.1723E+03	.1138E+03	.1538E+03
40	-.2285E+03	-.5489E+02	.1329E+02	-.1674E+03	.1109E+03	.1406E+03
41	-.3304E+03	-.6122E+02	.6054E+01	-.1491E+03	.9968E+02	.1210E+03
42	-.1304E+03	-.2114E+02	-.7775E+00	-.1303E+03	.6584E+02	.1054E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

47	.1545E+04	.2246E+03	.9243E+01	-.5043E+02	.1312E+03	-.9099E+02
48	.1323E+04	.1925E+03	.1025E+02	-.2812E+02	.1269E+03	-.6346E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1370E+04	.2066E+03	.6944E+01	.1339E+02	.1075E+03	-.2427E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.6347E+01	.7357E+01	.1053E+01	-.3155E+02	.1278E+03	-.8732E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.9322E+03	.1404E+03	.6779E+01	.1021E+03	.8054E+02	-.2283E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.6455E+03	.9727E+02	.8918E+01	.9716E+02	.6637E+02	-.2210E+03
66	.1934E+03	.2915E+02	.1104E+02	.1074E+03	.3338E+02	-.2315E+03
67	-.4903E+03	-.7372E+02	.1087E+02	.1051E+03	-.4026E+01	-.2308E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.8709E+03	-.1311E+03	.8705E+01	.6747E+02	-.4433E+02	-.2375E+03
76	.1002E+03	.1409E+02	.5495E+01	.6154E+02	-.8683E+02	-.2420E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3605E+03	-.5540E+02	.3747E+01	.5026E+02	-.1297E+03	-.2328E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1609E+03	.2262E+02	.2347E+01	.3301E+02	-.1510E+03	-.2292E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2069E+03	-.3287E+02	.2095E+01	.3879E+02	-.1838E+03	-.2094E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1577E+03	.2166E+02	.1754E+01	.3904E+02	-.1990E+03	-.1897E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.1754E+03	-.2857E+02	.1734E+01	.3214E+02	-.2275E+03	-.1712E+03
[illegible]	.1098E+03	.1410E+02	.1275E+01	.2[illegible]02	-.2399E+03	-.1471E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]00	.0000E+00	.0000E+00

1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	-.1432E+03	-.2404E+02	.1130E+01	.[illegible]02	-.2595E+03	-.1250E+03
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2605E+02	-.4475E+01	-.4180E+00	.2675E+02	-.2609E+03	-.1007E+03
115	-.5555E+02	-.1141E+02	-.1131E+01	.2268E+02	-.2582E+03	-.7721E+02
116	-.3795E+02	-.8485E+01	-.2109E+01	.1777E+02	-.2561E+03	-.6496E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6997E+02	-.1337E+02	-.2745E+01	.1992E+02	-.2577E+03	-.5141E+02
119	-.7292E+02	-.1350E+02	-.3809E+01	.1576E+02	-.2303E+03	-.3588E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1289E+03	-.1460E+02	-.7430E+01	.3277E+01	-.1840E+03	-.2348E+02
122	-.1038E+03	-.3337E+01	-.1034E+02	-.4081E+01	-.1741E+03	-.1728E+02
123	-.7552E+02	-.1337E+01	-.9286E+01	-.2075E+01	-.1503E+03	-.1510E+02
124	-.5169E+02	-.6636E+00	-.6440E+01	-.7329E+00	-.1222E+03	-.1334E+02
125	-.3072E+02	.5938E+00	-.4741E+01	.3632E+00	-.9942E+02	-.1169E+02
126	-.3745E+01	.4521E+01	-.4363E+01	.1791E+01	-.8110E+02	-.9914E+01
127	.1522E+02	.7570E+01	-.4350E+01	.2673E+01	-.6674E+02	-.7773E+01
128	.3351E+02	.9738E+01	-.3861E+01	.4838E+01	-.3844E+02	-.5411E+01
129	.3179E+02	.8076E+01	-.2924E+01	.5638E+01	-.1689E+02	-.3547E+01
130	.2087E+02	.4707E+01	-.1790E+01	.5521E+01	-.2251E+01	-.2540E+01
131	.5044E+01	.7833E+00	-.9055E+00	.4610E+01	.3769E+01	-.2193E+01
132	-.6135E+00	-.3864E+00	-.6140E+00	.3172E+01	.1141E+01	-.2140E+01
133	-.1184E+01	-.3367E+00	-.6150E+00	.2254E+01	-.1179E+01	-.1944E+01
134	-.2990E+00	-.7516E-01	-.6540E+00	.1720E+01	-.1481E+01	-.1568E+01
135	.4426E-01	.1282E-01	-.7382E+00	.1294E+01	-.1023E+01	-.1152E+01
136	-.7865E-02	.4213E-03	-.9987E+00	.8781E+00	-.6329E+00	-.7581E+00
137	.5011E-01	.1804E-01	-.1709E+01	.5153E+00	-.2578E+00	-.4062E+00
138	-.5871E-01	-.6393E-01	-.4177E+02	.2121E+00	.3037E-01	-.1710E+00
139	-.4163E-01	-.6739E-01	.4954E+02	.4708E-01	-.1006E-01	-.1326E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .3900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.20822E-01	.12042E-03	-.20729E-01	.00000E+00
3	.38417E-01	.36454E-03	-.38482E-01	.00000E+00
4	.41953E-01	.33685E-03	-.42002E-01	.00000E+00
5	.45661E-01	.94841E-04	-.45680E-01	.00000E+00
6	.52319E-01	-.27764E-04	-.52314E-01	-.62349E-06
7	.47533E-01	.32404E-03	-.48112E-01	.00000E+00
8	.52470E-01	.21685E-03	-.52612E-01	-.59168E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.20615E-01	.93204E-04	-.20791E-01	.00000E+00
11	.38814E-01	.18091E-03	-.39253E-01	.00000E+00
12	.43668E-01	.12299E-03	-.44150E-01	.00000E+00
13	.47531E-01	.66235E-04	-.47700E-01	.00000E+00
14	.52925E-01	-.78270E-05	-.53386E-01	-.10033E-05
15	.46394E-01	.79432E-04	-.49967E-01	.00000E+00
16	.53338E-01	-.78236E-04	-.54663E-01	-.55378E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.20948E-01	-.11761E-04	-.21532E-01	.00000E+00
19	.39740E-01	-.16486E-03	-.41026E-01	.00000E+00
20	.44902E-01	-.22378E-03	-.46371E-01	.00000E+00
21	.48470E-01	-.41990E-03	-.50185E-01	.00000E+00
22	.54064E-01	-.63553E-03	-.56450E-01	-.46208E-05
23	.50457E-01	-.22040E-03	-.54143E-01	.00000E+00
24	.54934E-01	-.45987E-03	-.58804E-01	.88531E-05
25	.55539E-01	-.26226E-03	-.60344E-01	-.38849E-05
26	.55888E-01	-.48403E-03	-.61261E-01	-.19274E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.21302E-01	-.54279E-04	-.22160E-01	.00000E+00
29	.41210E-01	-.39409E-03	-.42798E-01	.00000E+00
30	.46150E-01	-.62025E-03	-.48961E-01	.00000E+00

31	.50752E-01	-.54830E-03	-.54710E-01	.00000E+00
32	.44269E-01	-.60713E-03	-.62283E-01	.26085E-04
33	.40754E-01	-.22341E-03	-.54650E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.21459E-01	.15392E-03	-.22163E-01	.00000E+00
36	.41860E-01	-.47900E-03	-.43231E-01	.00000E+00
37	.46863E-01	-.60165E-03	-.48673E-01	.00000E+00
38	.52469E-01	-.95599E-03	-.56738E-01	.00000E+00
39	.56939E-01	-.86367E-03	-.63975E-01	-.45562E-04
40	.56717E-01	-.47532E-03	-.63576E-01	-.25173E-04
41	.56609E-01	-.29398E-03	-.63207E-01	-.75104E-05
42	.56486E-01	-.33560E-03	-.62803E-01	.13172E-04
43	.47295E-01	-.45589E-03	-.47665E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.20925E-01	-.97290E-03	-.20337E-01	.00000E+00
46	.42836E-01	-.67249E-03	-.41533E-01	.00000E+00
47	.56893E-01	-.11910E-02	-.64117E-01	-.31865E-04
48	.56866E-01	-.10346E-02	-.64107E-01	-.52758E-04
49	.52455E-01	-.86976E-03	-.56227E-01	.00000E+00
50	.57467E-01	-.10580E-02	-.64388E-01	-.14111E-03
51	.53698E-01	-.68484E-03	-.54911E-01	.00000E+00
52	.60063E-01	-.10395E-02	-.60488E-01	.00000E+00
53	.56923E-01	-.13172E-02	-.64160E-01	-.11484E-05
54	.47622E-01	-.87296E-03	-.44474E-01	.00000E+00
55	.53367E-01	-.54950E-03	-.49355E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.18274E-01	.16836E-02	-.15138E-01	.00000E+00
58	.39260E-01	.39622E-03	-.29471E-01	.00000E+00
59	.61703E-01	-.13784E-02	-.57433E-01	.00000E+00
60	.60465E-01	-.11299E-02	-.58851E-01	.00000E+00
61	.58007E-01	-.10660E-02	-.64566E-01	-.21384E-03
62	.45873E-01	-.63153E-03	-.35687E-01	.00000E+00
63	.52478E-01	-.12195E-02	-.42652E-01	.00000E+00
64	.61303E-01	-.12212E-02	-.61392E-01	.00000E+00
65	.58728E-01	-.10721E-02	-.64733E-01	-.26390E-03
66	.60502E-01	-.10979E-02	-.65069E-01	-.31810E-03
67	.62403E-01	-.11119E-02	-.65432E-01	-.30151E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.14631E-01	-.45680E-03	-.95677E-02	.00000E+00
70	.42008E-01	-.74043E-03	-.30881E-01	.00000E+00
71	.61032E-01	-.18658E-02	-.49524E-01	.00000E+00
72	.63092E-01	-.14087E-02	-.61593E-01	.00000E+00
73	.51724E-01	-.90939E-03	-.36364E-01	.00000E+00
74	.66935E-01	-.16079E-02	-.64510E-01	.00000E+00
75	.64010E-01	-.11308E-02	-.65756E-01	-.22721E-03
76	.66135E-01	-.11145E-02	-.66382E-01	-.15642E-03
77	.59023E-01	-.18350E-02	-.43072E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.17757E-01	.36089E-03	-.12946E-01	.00000E+00
80	.40794E-01	-.10428E-02	-.28252E-01	.00000E+00
81	.45159E-01	-.12636E-02	-.31150E-01	.00000E+00
82	.50246E-01	-.18662E-02	-.35624E-01	.00000E+00
83	.68041E-01	-.25371E-02	-.55315E-01	.00000E+00
84	.65136E-01	-.24745E-02	-.47681E-01	.00000E+00
85	.68528E-01	-.11528E-02	-.67175E-01	-.12401E-03
86	.69409E-01	-.17171E-02	-.66466E-01	.00000E+00
87	.60023E-01	-.19037E-02	-.41841E-01	.00000E+00
88	.69942E-01	-.18293E-02	-.61603E-01	.00000E+00
89	.70143E-01	-.11237E-02	-.67959E-01	-.98819E-04
90	.48027E-01	-.41205E-03	-.29233E-01	.00000E+00
91	.51090E-01	-.76555E-03	-.31045E-01	.00000E+00
[illegible]	.54252E-01	-.19101E-03	-.32583E-01	.00000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	.21307E-01	.00000E+00	-.13330E-01	.00000E+00

	.39771E-01	.00000E+00	-.23545E-01	.00000E+00
	.44077E-01	.00000E+00	-.26510E-01	.00000E+00
97	.47122E-01	.00000E+00	-.26954E-01	.00000E+00
98	.45554E-01	.00000E+00	-.26574E-01	.00000E+00
99	.49116E-01	.15217E-03	-.28454E-01	.00000E+00
100	.50464E-01	-.50566E-03	-.35712E-01	.00000E+00
101	.68892E-01	-.12559E-02	-.48174E-01	.00000E+00
102	.72675E-01	-.11283E-02	-.69089E-01	-.89553E-04
103	.71303E-01	-.23337E-02	-.56973E-01	.00000E+00
104	.73955E-01	-.15246E-02	-.69075E-01	.00000E+00
105	.74432E-01	-.11406E-02	-.70094E-01	-.78685E-04
106	.74151E-01	-.28170E-02	-.62067E-01	.00000E+00
107	.76593E-01	-.15042E-02	-.70566E-01	.00000E+00
108	.76514E-01	-.11660E-02	-.71047E-01	-.75293E-04
109	.77981E-01	-.11438E-02	-.71869E-01	-.63328E-04
110	.77643E-01	-.12436E-02	-.65790E-01	.00000E+00
111	.80100E-01	-.11331E-02	-.72759E-01	.00000E+00
112	.79600E-01	-.12060E-02	-.72598E-01	-.56831E-04
113	.79571E-01	-.17565E-02	-.68670E-01	.00000E+00
114	.80493E-01	-.12768E-02	-.73184E-01	-.23130E-04
115	.80957E-01	-.13259E-02	-.73670E-01	-.77137E-05
116	.80894E-01	-.14054E-02	-.74004E-01	.44322E-05
117	.80591E-01	-.10322E-02	-.74335E-01	.00000E+00
118	.80795E-01	-.14309E-02	-.74157E-01	.12544E-04
119	.80414E-01	-.14920E-02	-.74361E-01	.25417E-04
120	.81312E-01	-.14289E-02	-.74873E-01	.00000E+00
121	.79873E-01	-.15565E-02	-.74509E-01	.47370E-04
122	.79477E-01	-.19537E-02	-.74616E-01	.57463E-04
123	.79333E-01	-.23262E-02	-.74704E-01	.65241E-04
124	.79164E-01	-.27485E-02	-.74794E-01	.73971E-04
125	.78941E-01	-.32285E-02	-.74887E-01	.84012E-04
126	.78511E-01	-.41395E-02	-.75042E-01	.94823E-04
127	.78055E-01	-.51017E-02	-.75192E-01	.94953E-04
128	.77209E-01	-.70054E-02	-.75500E-01	.73842E-04
129	.76668E-01	-.83100E-02	-.75785E-01	.43951E-04
130	.76418E-01	-.89897E-02	-.76094E-01	.98307E-05
131	.76617E-01	-.84938E-02	-.76564E-01	-.25433E-04
132	.77069E-01	-.70552E-02	-.76975E-01	-.34514E-04
133	.77466E-01	-.56103E-02	-.77334E-01	-.29813E-04
134	.77730E-01	-.44105E-02	-.77623E-01	-.24912E-04
135	.77917E-01	-.33474E-02	-.77854E-01	-.23379E-04
136	.78052E-01	-.23000E-02	-.78023E-01	-.23589E-04
137	.78131E-01	-.12748E-02	-.78123E-01	-.23469E-04
138	.78184E-01	-.19087E-03	-.78185E-01	-.24129E-04
139	.78185E-01	-.23675E-04	-.78185E-01	-.23721E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .3900E+01

FIN	P-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.86E-03	3.41E-02	1.62E-03	2.53E+00	8.02E-04	-2.55E+00	2.54E+00	-2.52E+00	45.24	-7.86E-03	2.53E+00
	-303.00	-7.19E-07	1.19E-06	-2.87E-07	2.30E-04	7.29E-08	-2.31E-04	1.15E-04	-1.15E-04			
2	72.00	3.51E-02	6.11E-02	-2.43E-02	2.18E+00	-9.36E-03	-2.24E+00	2.23E+00	-2.13E+00	45.17	3.51E-02	2.18E+00
	-213.00	6.62E-07	1.84E-06	-2.04E-06	1.98E-04	-8.51E-07	-2.04E-04	1.00E-04	-9.78E-05			
3	72.00	4.22E-01	6.71E-02	-5.91E-02	1.51E+00	-1.44E-01	-1.62E+00	1.76E+00	-1.27E+00	51.64	4.22E-01	1.51E+00
	-138.00	7.34E-06	-7.30E-07	-3.60E-06	6.85E-05	-6.54E-06	-7.36E-05	3.78E-05	-3.12E-05			
4	24.00	1.50E+00	6.07E-01	7.67E-01	2.86E+00	-4.13E-01	-3.10E+00	3.94E+00	-1.84E+00	40.58	1.50E+00	2.86E+00
	-66.00	2.60E-05	-8.18E-06	-2.05E-06	2.20E-04	-3.17E-05	-2.39E-04	1.20E-04	-1.02E-04			
5	72.00	-3.23E-01	-1.14E-01	-4.19E-01	1.20E+00	5.70E-02	-1.31E+00	9.86E-01	-1.42E+00	47.49	-1.14E-01	-1.20E+00
	-85.00	-3.03E-06	5.03E-06	-6.70E-06	9.23E-05	4.38E-06	-1.01E-04	4.73E-05	-4.53E-05			
6	120.00	-1.36E-01	-9.71E-02	-2.40E-01	2.47E+00	1.27E-01	-2.41E+00	2.35E+00	-2.58E+00	45.23	2.31E+00	-4.25E-01

	-68.00	-2.50E-08	1.46E-06	-4.02E-06	1.90E-04	9.75E-06	-1.85E-04	9.55E-05	-9.41E-05				
7	36.25	7.32E-01	3.13E-01	2.73E-01	1.34E+00	-1.82E-01	-1.30E+00	1.98E+00	-8.35E-01	40.56	6.86E-01	1.35E+00	
	-10.00	1.41E-05	-2.01E-06	-5.07E-06	1.03E-04	-1.40E-05	-1.00E-04	5.82E-05	-4.61E-05				
8	108.00	-6.45E-02	-1.69E-01	-2.16E-01	1.10E+00	1.11E-02	-1.16E+00	9.87E-01	-1.22E+00	43.65	-6.45E-02	1.10E+00	
	-10.00	2.45E-06	-1.56E-06	-3.35E-06	8.48E-05	8.54E-07	-8.92E-05	4.29E-05	-4.20E-05				
9	216.00	5.74E-02	4.19E-02	1.26E-02	2.54E+00	-1.86E-02	-2.59E+00	2.59E+00	-2.45E+00	44.91	5.74E-02	2.54E+00	
	-303.00	1.15E-06	4.52E-07	-8.80E-07	2.31E-04	-1.69E-06	-2.35E-04	1.16E-04	-1.14E-04				
10	216.00	1.46E-01	4.17E-02	-1.36E-02	2.24E+00	-6.44E-02	-2.32E+00	2.34E+00	-2.15E+00	44.34	1.46E-01	2.24E+00	
	-213.00	4.37E-06	-3.63E-07	-2.88E-06	2.04E-04	-5.86E-06	-2.11E-04	1.04E-04	-1.00E-04				
11	216.00	4.05E-01	3.21E-02	-1.12E-01	1.78E+00	-2.12E-01	-1.88E+00	2.01E+00	-1.57E+00	42.02	4.05E-01	1.78E+00	
	-138.00	7.50E-06	-9.74E-07	-4.26E-06	8.11E-05	-9.61E-06	-8.53E-05	4.40E-05	-3.75E-05				
12	168.00	6.49E-01	2.70E-01	2.63E-01	2.70E+00	-3.72E-01	-2.81E+00	3.17E+00	-2.25E+00	42.99	6.49E-01	2.70E+00	
	-68.00	1.20E-05	-2.62E-06	-2.87E-06	2.08E-04	-2.66E-05	-2.16E-04	1.05E-04	-9.94E-05				
13	216.00	-5.14E-01	-1.32E-01	-5.09E-01	1.04E+00	1.20E-02	-1.16E+00	7.35E-01	-1.35E+00	50.18	-1.32E-01	-1.04E+00	
	-88.00	-7.11E-06	7.48E-06	-6.80E-06	8.04E-05	9.27E-07	-8.89E-05	4.11E-05	-4.06E-05				
14	264.00	1.51E-01	-5.86E-02	-1.66E-01	2.39E+00	3.31E-02	-2.42E+00	2.43E+00	-2.34E+00	43.74	2.37E+00	-5.33E-01	
	-68.00	6.61E-06	-1.45E-06	-5.57E-06	1.84E-04	2.55E-06	-1.86E-04	9.44E-05	-8.93E-05				
15	180.00	3.79E-01	7.68E-02	-2.63E-04	1.14E+00	-2.55E-01	-1.16E+00	1.38E+00	-9.23E-01	41.26	3.79E-01	1.14E+00	
	-10.00	9.55E-06	-2.00E-06	-5.04E-06	8.79E-05	-1.96E-05	-8.96E-05	4.81E-05	-4.05E-05				
16	252.00	1.43E-01	-1.58E-01	-2.45E-01	1.04E+00	-9.58E-02	-1.21E+00	1.04E+00	-1.06E+00	40.89	1.43E-01	1.04E+00	
	-15.00	8.35E-06	-3.23E-06	-6.55E-06	8.01E-05	-7.37E-06	-9.35E-05	4.30E-05	-3.79E-05				
17	361.00	4.32E-02	1.61E-03	-1.09E-02	2.59E+00	-1.33E-02	-2.67E+00	2.61E+00	-2.56E+00	44.77	4.32E-02	2.59E+00	
	-303.00	1.52E-06	-3.67E-07	-9.36E-07	2.35E-04	-1.21E-06	-2.43E-04	1.18E-04	-1.17E-04				
18	361.00	1.83E-01	-2.15E-02	-2.52E-02	2.35E+00	-5.79E-02	-2.45E+00	2.43E+00	-2.27E+00	43.75	1.83E-01	2.35E+00	
	-213.00	6.56E-06	-2.75E-06	-2.92E-06	2.14E-04	-5.26E-06	-2.22E-04	1.09E-04	-1.05E-04				
19	361.00	4.76E-01	-3.78E-02	-1.52E-01	1.80E+00	-2.19E-01	-2.09E+00	2.04E+00	-1.60E+00	40.95	4.76E-01	1.80E+00	
	-138.00	9.31E-06	-2.36E-06	-4.95E-06	8.20E-05	-9.96E-06	-9.50E-05	4.49E-05	-3.80E-05				
20	312.00	1.14E+00	3.98E-01	4.44E-01	2.96E+00	-6.54E-01	-3.33E+00	3.75E+00	-2.21E+00	41.43	1.14E+00	2.96E+00	
	-68.00	2.20E-05	-6.45E-06	-4.71E-06	2.28E-04	-5.03E-05	-2.56E-04	1.22E-04	-1.07E-04				
21	360.67	-8.60E-01	-2.81E-01	-7.40E-01	1.29E+00	1.01E-01	-1.66E+00	7.53E-01	-1.89E+00	51.32	-2.81E-01	-1.29E+00	
	-88.00	-1.24E-05	9.86E-06	-7.79E-06	9.93E-05	7.81E-06	-1.28E-04	4.96E-05	-5.21E-05				
22	409.33	4.25E-01	5.57E-01	1.43E-01	2.87E+00	-1.02E-02	-3.59E+00	3.36E+00	-2.38E+00	45.66	3.31E+00	-5.29E-01	
	-68.00	3.99E-06	9.06E-06	-6.87E-06	2.21E-04	-7.85E-07	-2.76E-04	1.17E-04	-1.04E-04				
23	324.00	6.75E-01	1.29E-01	5.39E-03	1.12E+00	-4.57E-01	-1.21E+00	1.55E+00	-7.48E-01	38.14	6.75E-01	1.12E+00	
	-10.00	1.71E-05	-3.93E-06	-8.69E-06	8.60E-05	-3.52E-05	-9.29E-05	5.08E-05	-3.77E-05				
24	372.00	3.28E-01	-3.42E-01	-3.66E-01	3.22E+00	-4.27E-01	-3.47E+00	3.23E+00	-3.24E+00	42.03	3.28E-01	3.22E+00	
	-9.33	1.68E-05	-8.98E-06	-9.91E-06	2.47E-04	-3.29E-05	-2.67E-04	1.28E-04	-1.21E-04				
25	401.25	1.93E-01	-1.14E-02	-3.32E-01	1.04E+00	-1.41E-01	-1.38E+00	1.13E+00	-9.52E-01	42.19	-7.94E-01	5.52E-01	
	-19.00	9.06E-06	1.22E-06	-1.11E-05	7.98E-05	-1.09E-05	-1.06E-04	4.52E-05	-3.49E-05				
26	427.67	1.03E+00	4.87E-01	2.70E-01	3.54E+00	-5.78E-01	-4.85E+00	4.31E+00	-2.79E+00	42.80	3.07E+00	2.69E+00	
	-9.33	2.00E-05	-9.16E-07	-9.25E-06	2.72E-04	-4.45E-05	-3.73E-04	1.46E-04	-1.27E-04				
27	457.00	3.91E-02	3.15E-02	1.52E-03	2.64E+00	6.26E-03	-2.71E+00	2.68E+00	-2.61E+00	44.98	3.51E-02	2.64E+00	
	-303.00	7.11E-07	5.48E-07	-8.16E-07	2.40E-04	5.69E-07	-2.46E-04	1.21E-04	-1.20E-04				
28	457.00	1.71E-01	-1.18E-01	-5.38E-02	2.47E+00	-2.89E-02	-2.54E+00	2.50E+00	-2.45E+00	43.33	1.71E-01	2.47E+00	
	-213.00	7.78E-06	-5.36E-06	-2.43E-06	2.25E-04	-2.63E-06	-2.31E-04	1.14E-04	-1.11E-04				
29	457.00	9.05E-01	1.23E-01	7.16E-02	1.81E+00	5.42E-02	-2.10E+00	2.37E+00	-1.34E+00	38.91	9.05E-01	1.81E+00	
	-138.00	1.48E-05	-2.97E-06	-4.14E-06	8.22E-05	2.46E-06	-9.57E-05	4.80E-05	-3.62E-05				
30	442.00	1.48E-01	3.75E-01	-2.25E-02	3.17E+00	1.15E-01	-3.71E+00	3.43E+00	-2.91E+00	46.03	1.48E-01	3.17E+00	
	-68.00	1.85E-07	8.52E-06	-6.36E-06	2.43E-04	8.86E-06	-2.85E-04	1.26E-04	-1.17E-04				
31	457.33	-3.91E+00	-2.26E+00	-2.61E+00	1.18E+00	1.90E+00	-1.96E+00	-1.65E+00	-4.53E+00	62.39	-2.26E+00	-1.18E+00	
	-88.00	-5.37E-05	9.45E-06	-3.96E-06	9.10E-05	1.46E-04	-1.50E-04	3.32E-05	-7.75E-05				
32	472.67	5.58E+00	3.41E+00	3.46E+00	2.84E+00	-1.18E+00	-4.77E+00	7.54E+00	1.45E+00	34.56	7.16E+00	1.47E+00	
	-68.00	7.79E-05	-5.59E-06	-3.83E-06	2.19E-04	-9.11E-05	-3.67E-04	1.53E-04	-8.09E-05				
33	442.00	5.75E-01	2.03E-01	-1.03E-01	1.53E+00	-1.97E-01	-1.82E+00	1.93E+00	-1.15E+00	41.52	5.75E-01	1.53E+00	
	-10.50	1.47E-05	3.77E-07	-1.14E-05	1.17E-04	-1.51E-05	-1.40E-04	6.67E-05	-5.16E-05				
34	454.00	4.31E+00	2.53E+00	2.42E+00	4.23E+00	-1.34E+00	-6.08E+00	7.74E+00	-9.00E-01	39.04	5.97E+00	3.49E+00	
	-11.33	6.41E-05	-4.58E-06	-8.58E-06	3.25E-04	-1.03E-04	-4.67E-04	1.96E-04	-1.36E-04				
35	461.67	-4.53E-02	-4.88E-01	-5.20E-01	4.04E+00	-3.27E-01	-6.26E+00	3.78E+00	-4.32E+00	43.43	-4.53E-02	4.04E+00	
	-12.00	9.83E-06	-7.19E-06	-9.43E-06	3.11E-04	-2.51E-05	-4.82E-04	1.57E-04	-1.54E-04				
36	469.00	-2.69E+00	-1.38E+00	-1.96E+00	3.91E-01	1.69E+00	-2.44E+00	-1.27E+00	-2.80E+00	74.66	-1.38E+00	-3.91E-01	
	-30.00	-3.74E-05	1.33E-05	-9.10E-06	3.01E-05	1.30E-04	-1.88E-04	1.74E-05	-4.15E-05				
37	476.3[illegible]	[illegible].72E-01	1.03E+00	4.73E-01	2.67E+00	-3.54E-01	[illegible]0E+00	3.66E+00	-1.67E+00	45.30	2.02E+00	2.46E[illegible]	
	-12[illegible]	[illegible].02E-05	1.23E-05	-8.96E-06	2.05E-04	-2.72E-05	[illegible]E-04	1.14E-04	-9.12E-05				
38	5[illegible]	[illegible]3.15E-01	-3.78E-01	-2.79E-01	2.55E+00	6.53E-0[illegible]	[illegible]9E+00	2.20E+00	-2.90E+00	44.65	-3.15E-01	2.[illegible]	

	-303.	[illegible].70E-06	-4.56E-06	-5.12E-08	2.32E-04	5.44E-06	[illegible]E-04	1.13E-04	-1.15E-04				
39	558.5	1.04E-02	-4.01E-02	-2.27E-02	2.54E+00	1.25E-01	[illegible]7E+00	2.51E+00	-2.56E+00	44.60	1.04E-02	2.50E	
	-213.00	1.41E-04	-1.79E-06	-9.12E-08	2.31E-04	1.14E-05	-2.34E-04	1.11E-04	-1.16E-04				
40	506.17	1.89E-01	-2.31E-01	-1.67E-01	5.70E+00	3.42E-01	-5.60E+00	5.66E+00	-5.72E+00	43.94	1.89E-01	5.70E+00	
	-128.00	5.40E-06	-4.15E-06	-2.71E-06	2.59E-04	1.56E-05	-2.54E-04	1.30E-04	-1.29E-04				
41	558.50	-9.69E-01	-3.03E-02	-1.66E-01	2.36E+00	1.28E+00	-3.35E+00	1.91E+00	-2.91E+00	50.62	-3.08E-02	-2.36E+00	
	-148.00	-1.59E-05	5.42E-06	2.33E-06	1.07E-04	5.84E-05	-1.52E-04	4.94E-05	-5.99E-05				
42	610.83	2.09E-01	-2.46E-02	2.04E-01	5.02E+00	8.47E-01	-4.38E+00	5.16E+00	-4.89E+00	44.08	4.94E+00	-1.47E+00	
	-128.00	4.29E-06	-3.07E-06	2.13E-05	2.28E-04	3.85E-05	-1.99E-04	1.15E-04	-1.14E-04				
43	501.38	-1.91E-01	-3.65E-01	-4.08E-01	1.26E+00	4.61E-01	-1.65E+00	9.82E-11	-1.54E+00	43.02	-1.91E-01	1.26E+00	
	-78.00	3.25E-06	-3.45E-06	-5.10E-06	9.67E-05	3.54E-05	-1.19E-04	4.84E-05	-4.86E-05				
44	524.67	5.64E-01	-2.65E-01	9.37E-02	3.93E+00	2.49E-01	-4.98E+00	4.10E+00	-3.80E+00	41.99	3.95E+00	-1.09E+00	
	-48.00	1.74E-05	-1.45E-05	-7.10E-07	3.03E-04	1.91E-05	-3.83E-04	1.54E-04	-1.51E-04				
45	584.67	-9.41E-01	-9.70E-01	-7.48E-01	4.12E+00	9.28E-01	-3.50E+00	3.21E+00	-5.02E+00	44.55	-8.41E-01	4.12E+00	
	-68.00	-4.22E-06	-9.19E-06	-6.49E-07	3.17E-04	7.14E-05	-2.69E-04	1.52E-04	-1.65E-04				
46	610.83	-3.85E+00	-1.71E+00	-2.04E+00	2.22E+00	1.80E+00	-2.79E+00	-3.10E-01	-5.25E+00	57.85	-1.71E+00	-2.22E+00	
	-88.00	-4.46E-05	1.77E-05	5.15E-06	1.71E-04	1.38E-04	-2.14E-04	7.15E-05	-1.18E-04				
47	482.63	-4.06E-01	-5.20E-01	-7.93E-01	8.86E-01	5.00E-01	-1.78E+00	4.24E-01	-1.35E+00	43.17	-4.06E-01	8.86E-01	
	-21.00	3.27E-06	-1.10E-06	-1.16E-05	6.81E-05	3.85E-05	-1.37E-04	3.52E-05	-3.30E-05				
48	485.83	-7.87E-01	-1.29E+00	-1.11E+00	2.65E+00	6.13E-02	-5.67E+00	1.62E+00	-3.70E+00	42.27	-4.47E-01	2.60E+00	
	-12.00	4.84E-06	-1.46E-05	-7.76E-06	2.04E-04	4.72E-06	-4.36E-04	9.75E-05	-1.07E-04				
49	507.89	-5.24E-03	-5.94E-01	-5.88E-01	9.88E-01	2.72E-01	-1.96E+00	7.32E-01	-1.33E+00	36.71	-5.24E-03	9.88E-01	
	-21.00	1.28E-05	-9.60E-06	-9.58E-06	7.60E-05	2.09E-05	-1.50E-04	4.12E-05	-3.81E-05				
50	538.67	6.41E-01	-6.67E-01	-9.22E-02	3.54E+00	1.28E+00	-4.40E+00	3.58E+00	-3.61E+00	39.76	3.44E+00	-9.93E-01	
	-10.00	2.60E-05	-2.44E-05	-2.25E-06	2.72E-04	9.83E-05	-3.39E-04	1.39E-04	-1.38E-04				
51	484.67	-1.32E+01	-9.25E+00	-9.54E+00	-2.43E-01	1.12E+00	-5.78E-01	-9.24E+00	-1.33E+01	-86.53	-9.25E+00	2.43E-01	
	8.00	-1.57E-04	-3.91E-06	-1.49E-05	-1.87E-05	8.62E-05	-4.45E-05	-3.34E-06	-1.58E-04				
52	507.00	3.81E+00	4.39E+00	2.89E+00	2.49E+00	5.85E-01	1.64E+00	6.60E+00	1.59E+00	48.34	6.12E+00	1.48E+00	
	0.00	2.46E-05	4.70E-05	-1.08E-05	1.91E-04	4.50E-05	1.26E-04	1.32E-04	-6.05E-05				
53	603.00	2.43E-01	-2.28E-01	1.37E-01	1.60E+00	5.97E-01	-1.39E+00	1.63E+00	-1.61E+00	40.83	-8.09E-01	1.40E+00	
	-18.00	7.66E-06	-1.04E-05	3.60E-06	1.23E-04	4.59E-05	-1.07E-04	6.10E-05	-6.38E-05				
54	712.00	-3.52E-01	-7.07E-02	-1.29E-01	2.49E+00	1.76E-01	-2.17E+00	2.29E+00	-2.71E+00	46.61	-3.52E-01	2.49E+00	
	-303.00	-8.84E-06	3.95E-06	1.31E-06	2.27E-04	1.60E-05	-1.97E-04	1.11E-04	-1.16E-04				
55	712.00	-1.38E+00	-1.05E+00	-8.11E-01	2.76E+00	5.76E-01	-2.17E+00	1.55E+00	-3.98E+00	46.74	-1.38E+00	2.76E+00	
	-213.00	-2.08E-05	-5.48E-06	5.20E-06	2.51E-04	5.23E-05	-1.98E-04	1.12E-04	-1.39E-04				
56	712.00	-1.42E+00	-1.09E+00	-2.63E-01	2.19E+00	1.34E+00	-1.66E+00	9.36E-01	-3.45E+00	47.16	-1.42E+00	2.19E+00	
	-138.00	-1.77E-05	-1.02E-05	8.58E-06	9.94E-05	6.09E-05	-7.57E-05	3.58E-05	-6.38E-05				
57	712.00	-3.04E-01	-1.33E-01	1.72E-01	1.32E+00	5.47E-01	-1.27E+00	1.10E+00	-1.54E+00	46.86	-3.04E-01	1.32E+00	
	-78.00	-8.79E-06	-2.20E-06	9.54E-06	1.01E-04	4.21E-05	-9.76E-05	4.54E-05	-5.63E-05				
58	712.00	-5.04E-01	-6.88E-01	-9.85E-02	1.78E+00	4.98E-01	-1.60E+00	1.19E+00	-2.38E+00	43.52	-5.04E-01	1.78E+00	
	-18.00	-5.20E-06	-1.23E-05	1.04E-05	1.37E-04	3.83E-05	-1.23E-04	5.98E-05	-7.73E-05				
59	837.00	-7.22E+00	-4.13E+00	-4.54E+00	2.11E+00	1.11E+00	-1.85E+00	-3.06E+00	-8.29E+00	63.11	-4.13E+00	-2.11E+00	
	-318.00	-1.22E-04	1.87E-05	.00E+00	1.92E-04	1.01E-04	-1.68E-04	6.73E-05	-1.70E-04				
60	887.00	-1.23E+00	-5.04E-01	-6.92E-01	5.65E+00	4.08E-01	-4.19E+00	4.80E+00	-6.53E+00	46.83	4.29E+00	-2.34E+00	
	-288.00	-2.43E-05	8.56E-06	.00E+00	5.14E-04	3.71E-05	-3.81E-04	2.50E-04	-2.65E-04				
61	987.00	1.11E+00	5.11E-01	6.47E-01	5.81E+00	-2.48E-01	-3.92E+00	6.62E+00	-5.01E+00	43.54	1.11E+00	5.81E+00	
	-288.00	2.08E-05	-6.14E-06	.00E+00	5.28E-04	-2.25E-05	-3.54E-04	2.72E-04	-2.57E-04				
62	1037.00	-7.45E+00	-4.68E+00	-4.86E+00	4.31E+00	9.49E-01	-3.16E+00	-1.54E+00	-1.06E+01	53.93	-4.68E+00	-4.31E+00	
	-318.00	-1.19E-04	8.02E-06	.00E+00	3.92E-04	8.63E-05	-2.88E-04	1.51E-04	-2.61E-04				
63	962.00	-2.09E-01	-3.36E-01	4.20E-02	2.84E+00	5.97E-02	-2.18E+00	2.56E+00	-3.11E+00	44.36	-2.09E-01	2.84E+00	
	-213.00	-2.98E-06	-8.73E-06	8.44E-06	2.58E-04	5.42E-06	-1.98E-04	1.23E-04	-1.35E-04				
64	1012.00	3.73E-01	2.64E-02	4.15E-01	3.10E+00	-1.19E-01	-2.23E+00	3.30E+00	-2.90E+00	43.40	3.73E-01	3.10E+00	
	-213.00	6.37E-06	-9.37E-06	8.29E-06	2.82E-04	-1.08E-05	-2.03E-04	1.40E-04	-1.43E-04				
65	837.00	7.10E-01	-5.22E-01	8.17E-01	2.08E+00	-9.62E-04	-2.26E+00	2.26E+00	-2.07E+00	36.74	-5.22E-01	-2.08E+00	
	-148.00	1.09E-05	-1.71E-05	1.33E-05	9.43E-05	-4.37E-08	-1.03E-04	4.61E-05	-5.23E-05				
66	937.00	-1.33E-01	-4.84E-01	4.94E-01	3.81E+00	7.15E-02	-2.77E+00	3.51E+00	-4.13E+00	43.68	2.19E+00	-2.88E+00	
	-128.00	-2.38E-06	-1.04E-05	1.19E-05	1.73E-04	3.25E-06	-1.26E-04	8.04E-05	-9.31E-05				
67	1037.00	-3.16E+00	-1.27E+00	-6.39E-01	3.59E+00	9.30E-01	-3.07E+00	1.49E+00	-5.93E+00	52.38	-1.27E+00	-3.59E+00	
	-148.00	-4.53E-05	-2.32E-06	1.21E-05	1.63E-04	4.23E-05	-1.39E-04	6.06E-05	-1.08E-04				
68	837.00	-1.02E+00	-1.52E+00	-5.72E-01	4.16E+00	3.87E-01	-3.16E+00	2.89E+00	-5.43E+00	43.28	-1.02E+00	4.16E+00	
	-68.00	-5.03E-06	-2.42E-05	1.22E-05	3.20E-04	2.98E-05	-2.43E-04	1.46E-04	-1.75E-04				
69	937.00	-8.40E-01	8.27E-02	2.41E-01	2.06E+00	4.25E-01	-1.68E+00	1.74E+00	-2.49E+00	51.30	8.27E-02	-2.06E+00	
	-88.00	-2.66E-05	8.86E-06	1.50E-05	1.59E-04	3.27E-05	-1.29E-04	7.24E-05	-9.02E-05				
70	1037.00	-8.04E-01	-9.16E-01	-1.96E-01	3.54E+00	-1.11E-01	-3.05E+00	2.66E+00	-4.40E+00	44.54	1.54E+00	-2.60E+00	

	-68.00	-9.05E-06	-1.42E-05	1.35E-05	2.73E-04	-5.57E-06	-2.25E-04	1.24E-04	-1.46E-04				
71	862.00	-6.27E-01	-7.30E-01	9.05E-03	1.73E+00	3.54E-01	-1.45E+00	1.05E+00	-2.41E+00	44.07	-6.27E-01	1.73E+00	
	-18.00	-9.21E-06	-1.35E-05	1.53E-05	1.33E-04	2.72E-05	-1.11E-04	5.52E-05	-7.75E-05				
72	1012.00	2.60E-01	9.23E-02	7.14E-01	1.81E+00	-1.20E-01	-1.38E+00	1.58E+00	-1.64E+00	43.59	2.60E-01	1.81E+00	
	-18.00	-1.50E-06	-8.44E-06	1.58E-05	1.39E-04	-9.27E-06	-1.06E-04	6.46E-05	-7.46E-05				
73	1387.00	3.85E-01	3.64E-01	3.71E-01	2.38E+00	-2.89E-02	-1.61E+00	2.76E+00	-2.01E+00	44.87	3.85E-01	2.38E+00	
	-303.00	2.96E-06	2.00E-06	2.30E-05	2.17E-04	-2.62E-06	-1.46E-04	1.11E-04	-1.06E-04				
74	1387.00	6.24E-02	-1.37E-01	1.95E-01	2.48E+00	-4.09E-02	-1.56E+00	2.45E+00	-2.52E+00	43.85	6.24E-02	2.48E+00	
	-213.00	1.27E-06	-7.80E-06	7.31E-06	2.26E-04	-3.71E-06	-1.42E-04	1.10E-04	-1.16E-04				
75	1387.00	9.29E-02	1.26E-01	6.77E-01	1.82E+00	-6.41E-02	-1.06E+00	1.92E+00	-1.71E+00	45.26	9.29E-02	1.82E+00	
	-138.00	-2.59E-06	-1.84E-06	1.07E-05	8.25E-05	-2.91E-06	-4.84E-05	3.90E-05	-4.35E-05				
76	1187.00	-2.70E-01	-2.31E-01	2.29E-01	2.89E+00	1.23E-01	-1.51E+00	2.64E+00	-3.14E+00	45.19	-2.70E-01	2.89E+00	
	-68.00	-7.40E-06	-5.89E-06	1.19E-05	2.22E-04	9.50E-06	-1.16E-04	1.04E-04	-1.18E-04				
77	1387.00	-6.75E-01	-6.75E-01	-7.75E-02	1.35E+00	9.54E-02	-8.85E-01	6.74E-01	-2.02E+00	44.97	-6.75E-01	-1.35E+00	
	-88.00	-1.02E-05	-1.03E-05	1.27E-05	1.04E-04	7.34E-06	-6.81E-05	4.16E-05	-6.21E-05				
78	1587.00	-2.77E-01	-2.90E-01	1.76E-01	1.76E+00	-4.64E-02	-7.96E-01	1.48E+00	-2.04E+00	44.89	3.87E-01	-1.63E+00	
	-68.00	-6.35E-06	-6.87E-06	1.11E-05	1.35E-04	-3.57E-06	-6.12E-05	6.11E-05	-7.43E-05				
79	1237.00	-8.66E-01	-4.68E-01	-6.66E-03	1.45E+00	1.84E-01	-8.57E-01	7.94E-01	-2.13E+00	48.92	-8.66E-01	1.45E+00	
	-18.00	-1.86E-05	-3.26E-06	1.49E-05	1.11E-04	1.42E-05	-6.59E-05	4.53E-05	-6.71E-05				
80	1433.80	-5.39E-01	-2.35E-01	1.68E-01	1.65E+00	6.94E-02	-6.12E-01	1.27E+00	-2.04E+00	47.63	-5.39E-01	1.65E+00	
	-8.00	-1.41E-05	-2.38E-06	1.31E-05	1.27E-04	5.34E-06	-4.71E-05	5.54E-05	-7.19E-05				
81	1533.80	-9.04E-01	-2.06E-01	1.04E-02	9.55E-01	9.65E-02	-6.37E-01	4.62E-01	-1.57E+00	55.04	-2.06E-01	-9.55E-01	
	-28.00	-2.27E-05	4.16E-06	1.25E-05	7.35E-05	7.42E-06	-3.36E-05	2.98E-05	-4.84E-05				
82	1633.80	-1.00E+00	-3.54E-01	-1.15E-01	3.90E-01	9.21E-04	-1.41E-01	-1.70E-01	-1.18E+00	64.81	-1.77E-01	-8.07E-02	
	-8.00	-2.23E-05	2.54E-06	1.17E-05	3.00E-05	7.09E-08	-1.08E-05	9.59E-06	-2.94E-05				
83	1433.80	-3.66E+00	-1.66E+00	-1.60E+00	1.08E+00	6.75E-01	-4.29E-01	-1.19E+00	-4.13E+00	66.40	-1.66E+00	-1.08E+00	
	27.60	-6.47E-05	1.23E-05	1.44E-05	8.31E-05	5.19E-05	-3.30E-05	3.04E-05	-8.28E-05				
84	1296.10	-1.29E+00	-2.46E-01	-3.49E-02	1.09E+00	2.66E-01	-4.44E-01	4.44E-01	-1.98E+00	57.78	-9.07E-01	-1.20E+00	
	40.70	-3.24E-05	7.84E-06	1.59E-05	8.42E-05	2.05E-05	-3.41E-05	3.44E-05	-5.89E-05				
85	1148.60	-5.18E-01	3.17E-01	4.96E-01	1.52E+00	3.34E-01	-6.30E-01	1.47E+00	-1.67E+00	52.70	1.25E+00	8.11E-01	
	57.33	-2.32E-05	8.96E-06	1.58E-05	1.17E-04	2.57E-05	-4.84E-05	5.34E-05	-6.76E-05				
86	1131.40	-4.68E+00	-2.22E+00	-2.03E+00	6.93E-01	1.38E+00	-6.10E-02	-2.04E+00	-4.86E+00	75.28	-2.22E+00	-6.93E-01	
	112.00	-8.18E-05	1.27E-05	2.01E-05	5.33E-05	1.06E-04	-4.69E-06	1.97E-05	-8.89E-05				
87	1019.80	-1.41E+00	-1.23E+00	-4.06E-01	1.61E+00	4.88E-01	-1.90E+00	2.88E-01	-2.93E+00	46.61	-1.23E+00	-1.61E+00	
	34.67	-2.07E-05	-1.39E-05	1.78E-05	1.23E-04	3.75E-05	-1.46E-04	4.46E-05	-7.91E-05				
88	886.60	-6.33E-01	-5.72E-01	1.08E-01	1.37E+00	2.58E-01	-1.30E+00	7.70E-01	-1.98E+00	45.70	-6.38E-01	1.37E+00	
	46.00	-1.24E-05	-9.87E-06	1.63E-05	1.06E-04	1.99E-05	-1.00E-04	4.17E-05	-6.40E-05				
89	869.80	-2.44E+00	-1.04E+00	-6.62E-01	8.89E-01	1.02E+00	-4.12E-01	-6.11E-01	-2.87E+00	64.04	-1.04E+00	-8.89E-01	
	96.00	-4.82E-05	5.38E-06	2.01E-05	6.84E-05	7.88E-05	-3.17E-05	2.20E-05	-6.49E-05				
90	952.60	-5.63E-01	1.10E+00	8.82E-01	1.79E+00	4.91E-01	-1.36E+00	2.24E+00	-1.70E+00	57.47	1.71E+00	-1.35E+00	
	128.00	-3.72E-05	2.67E-05	1.83E-05	1.38E-04	3.78E-05	-1.04E-04	7.06E-05	-8.11E-05				
91	869.80	-7.25E-01	-8.74E-02	2.75E-01	9.17E-01	5.13E-01	-3.41E-01	5.66E-01	-1.38E+00	54.59	-7.25E-01	9.17E-01	
	160.00	-2.20E-05	2.55E-06	1.65E-05	7.05E-05	3.95E-05	-2.62E-05	2.76E-05	-4.70E-05				
92	969.80	-4.02E+00	-1.45E+00	-1.33E+00	7.10E-01	2.07E+00	-5.66E-01	-1.27E+00	-4.21E+00	75.55	-1.45E+00	-7.10E-01	
	203.60	-8.00E-05	1.90E-05	2.36E-05	5.47E-05	1.59E-04	-4.35E-05	2.60E-05	-8.70E-05				
93	598.67	6.38E-01	-4.58E-01	3.32E-01	2.74E+00	1.49E+00	-2.94E+00	2.88E+00	-2.70E+00	39.35	-4.58E-01	-2.74E+00	
	16.00	1.09E-05	-2.32E-05	7.13E-06	2.11E-04	1.15E-04	-2.26E-04	1.05E-04	-1.10E-04				
94	645.75	-2.73E-01	-5.41E-01	-4.82E-02	1.78E+00	5.68E-01	-1.44E+00	1.38E+00	-2.19E+00	42.85	-2.73E-01	1.78E+00	
	24.00	-1.03E-06	-1.13E-05	7.63E-06	1.37E-04	4.37E-05	-1.11E-04	6.25E-05	-7.49E-05				
95	613.10	-9.57E-02	-5.91E-01	-1.31E-01	3.22E+00	5.76E-01	-3.75E-01	2.88E+00	-3.57E+00	42.80	-9.57E-02	3.22E+00	
	69.33	5.30E-06	-1.37E-05	3.96E-06	2.47E-04	4.43E-05	-2.88E-05	1.20E-04	-1.28E-04				
96	708.45	-5.73E-01	-3.59E-01	7.66E-02	1.43E+00	5.92E-01	-1.10E+00	9.69E-01	-1.90E+00	47.14	-1.20E+00	-1.23E+00	
	55.00	-1.27E-05	-4.40E-06	1.24E-05	1.10E-04	4.55E-05	-6.47E-05	4.67E-05	-6.37E-05				
97	613.10	-1.36E+00	-4.99E-01	-2.50E-01	1.16E+00	2.04E+00	-6.68E-01	3.10E-01	-2.17E+00	55.19	-4.99E-01	-1.16E+00	
	96.00	-2.92E-05	4.01E-06	1.36E-05	8.95E-05	1.57E-04	-5.14E-05	3.51E-05	-6.03E-05				
98	682.27	-6.81E-01	-5.09E-01	-3.13E-02	2.14E+00	5.99E-01	-1.17E+00	1.55E+00	-2.74E+00	46.15	1.12E+00	-1.28E+00	
	112.00	-1.28E-05	-6.16E-06	1.22E-05	1.65E-04	4.61E-05	-8.97E-05	7.30E-05	-9.19E-05				
99	751.43	-2.89E+00	-4.75E-01	-7.30E-01	2.06E+00	1.51E+00	-2.56E+00	7.08E-01	-4.07E+00	60.18	-4.75E-01	-2.06E+00	
	96.00	-6.62E-05	2.68E-05	1.69E-05	1.59E-04	1.15E-04	-1.97E-04	7.22E-05	-1.12E-04				
100	683.25	-5.63E-01	-3.43E-01	1.40E-01	7.30E-01	4.66E-01	-8.53E-01	2.86E-01	-1.19E+00	49.29	-5.63E-01	7.30E-01	
	152.00	-1.32E-05	-4.77E-06	1.39E-05	5.62E-05	3.58E-05	-6.56E-05	1.94E-05	-3.74E-05				
101	648.6[illegible]	[illegible].00E+00	-1.34E+00	-1.06E+00	5.71E-01	1.49E+00	[illegible]E-01	-1.17E+00	-3.18E+00	72.72	-1.34E+00	-5.71E-[illegible]	
	192.0[illegible]	[illegible].41E-05	7.73E-06	1.86E-05	4.40E-05	1.15E-04	[illegible]E-05	1.46E-05	-6.29E-05				
102	72[illegible]	[illegible].75E-01	1.72E-01	2.68E-01	6.60E-01	3.84E-01	[illegible]E-01	5.57E-01	-9.60E-01	59.74	-2.33E-01	-7.[illegible]	

	232.	[illegible].17E-05	[illegible].59E-06	1.45E-05	5.05E-05	2.54E-05	[illegible]E-05	2.18E-05	-3.65E-05				
103	635.5	[illegible].40E-01	-[illegible].55E-01	-1.46E-03	7.10E-02	2.85E-01	[illegible]E-01	-4.29E-01	-6.26E-01	23.17	-4.60E-01	7.10E[illegible]	
	256.00	-4.07E-06	-1.13E-05	1.16E-05	5.46E-06	2.22E-05	2.13E-05	-4.90E-06	-1.25E-05				
104	635.50	-1.24E+00	-8.44E-01	-2.10E-01	4.46E-02	1.13E+00	-5.90E-02	-8.40E-01	-1.25E+00	83.66	-8.44E-01	-4.46E-02	
	290.67	-2.25E-05	-7.26E-06	1.72E-05	3.43E-05	8.72E-05	-6.65E-06	-7.07E-06	-2.27E-05				
105	569.00	6.01E-01	-5.33E-01	6.87E-02	2.75E+00	7.94E-01	-2.52E+00	2.84E+00	-2.78E+00	39.18	6.01E-01	2.75E+00	
	16.50	2.15E-05	-2.20E-05	1.14E-06	2.12E-04	6.11E-05	-1.94E-04	1.08E-04	-1.08E-04				
106	508.50	7.36E+00	4.77E+00	4.82E+00	2.32E+00	2.07E+00	-7.41E-01	8.72E+00	3.41E+00	30.43	4.77E+00	-2.32E+00	
	13.00	9.67E-05	-2.67E-06	-8.36E-07	1.75E-04	1.59E-04	-5.70E-05	1.49E-04	-5.50E-05				
107	521.00	1.77E+00	5.22E-01	6.80E-01	2.85E+00	6.96E-01	-1.42E+00	4.04E+00	-1.77E+00	38.83	1.77E+00	2.85E+00	
	15.75	3.53E-05	-1.27E-05	-6.28E-06	2.19E-04	5.35E-05	-1.09E-04	1.24E-04	-1.01E-04				
108	526.25	1.51E+00	4.04E-01	6.08E-01	3.13E+00	5.78E-01	-1.46E+00	4.14E+00	-2.22E+00	39.98	1.51E+00	3.13E+00	
	21.00	3.04E-05	-1.22E-05	-4.35E-06	2.41E-04	4.45E-05	-1.13E-04	1.31E-04	-1.13E-04				
109	515.50	4.71E+00	3.02E+00	3.20E+00	3.99E+00	1.42E+00	-7.51E-01	7.95E+00	-2.17E-01	39.01	3.02E+00	-3.99E+00	
	26.00	6.11E-05	-4.01E-06	2.91E-06	3.07E-04	1.09E-04	-5.78E-05	1.86E-04	-1.28E-04				
110	531.50	6.27E-01	1.30E-01	2.88E-01	2.52E+00	3.89E-01	-1.24E+00	2.91E+00	-2.16E+00	62.18	6.27E-01	2.52E+00	
	34.50	1.26E-05	-6.49E-06	-4.00E-07	1.94E-04	2.99E-05	-9.55E-05	1.01E-04	-9.44E-05				
111	515.50	-1.45E+00	-2.63E+00	-1.76E+00	7.71E+00	2.98E-01	2.29E-02	5.69E+00	-9.77E+00	42.81	-1.45E+00	7.71E+00	
	44.00	8.33E-06	-3.71E-05	-3.39E-06	5.93E-04	2.29E-05	1.76E-06	2.83E-04	-3.12E-04				
112	515.50	1.26E-01	6.23E-02	2.47E-01	1.75E+00	8.07E-01	-6.04E-01	1.84E+00	-1.65E+00	44.48	6.23E-02	-1.75E+00	
	53.33	7.52E-08	-2.39E-06	4.70E-06	1.35E-04	6.21E-05	-4.64E-05	6.61E-05	-6.84E-05				
113	547.50	-1.33E+00	-4.87E-01	-5.64E-01	2.56E+00	4.84E-01	-2.63E+00	1.69E+00	-3.50E+00	49.65	3.22E-01	-2.29E+00	
	64.00	-2.40E-05	7.40E-06	4.43E-06	1.97E-04	3.72E-05	-2.03E-04	9.12E-05	-1.09E-04				
114	515.50	-2.11E+00	-2.73E+00	-1.84E+00	3.26E+00	1.68E-01	-6.69E-01	8.56E-01	-5.69E+00	42.27	-2.11E+00	3.26E+00	
	74.67	-7.65E-06	-3.16E-05	2.63E-06	2.51E-04	1.29E-05	-5.15E-05	1.06E-04	-1.46E-04				
115	515.50	-3.56E+00	-2.28E+00	-2.13E+00	1.13E+00	6.85E-01	-5.69E-01	-1.62E+00	-4.22E+00	59.73	-2.28E+00	-1.13E+00	
	88.00	-4.93E-05	-1.87E-07	5.71E-06	8.70E-05	5.27E-05	-4.37E-05	2.52E-05	-7.47E-05				
116	547.50	-2.65E+00	-7.52E-01	-1.18E+00	3.23E+00	4.63E-01	-2.08E+00	1.64E+00	-5.08E+00	53.01	6.18E-01	-2.41E+00	
	104.00	-5.10E-05	2.03E-05	5.37E-06	2.48E-04	3.56E-05	-1.60E-04	1.14E-04	-1.45E-04				
117	515.50	-9.39E-01	-1.27E+00	-6.29E-01	2.55E+00	4.76E-02	-1.05E+00	1.45E+00	-3.65E+00	43.16	-9.39E-01	2.55E+00	
	120.00	-4.97E-06	-1.76E-05	6.96E-06	1.96E-04	3.66E-06	-8.10E-05	8.69E-05	-1.09E-04				
118	515.50	-2.42E+00	-1.49E+00	-1.22E+00	9.75E-01	4.20E-01	-4.78E-01	-8.76E-01	-3.03E+00	57.68	-1.49E+00	-9.75E-01	
	136.00	-3.66E-05	-1.06E-06	9.47E-06	7.50E-05	3.23E-05	-3.67E-05	2.27E-05	-6.03E-05				
119	547.50	-2.22E+00	-9.66E-01	-9.51E-01	2.27E+00	2.85E-01	-1.31E+00	7.57E-01	-3.95E+00	52.75	2.60E-02	-1.70E+00	
	152.00	-4.00E-05	8.32E-06	8.91E-06	1.74E-04	2.19E-05	-1.00E-04	7.46E-05	-1.06E-04				
120	515.50	-1.06E+00	-1.20E+00	-5.18E-01	1.81E+00	3.85E-02	-6.01E-01	6.76E-01	-2.94E+00	43.91	-1.06E+00	1.81E+00	
	168.00	-1.03E-05	-1.56E-05	1.06E-05	1.39E-04	2.96E-06	-4.63E-05	5.65E-05	-8.24E-05				
121	515.50	-3.12E+00	-1.91E+00	-1.56E+00	7.50E-01	4.66E-01	-3.57E-01	-1.55E+00	-3.48E+00	64.53	-1.91E+00	-7.50E-01	
	184.00	-4.77E-05	-9.24E-07	1.25E-05	5.77E-05	3.58E-05	-2.74E-05	1.28E-05	-6.15E-05				
122	547.50	-1.44E+00	1.83E-01	-7.51E-02	2.33E+00	2.60E-01	-1.70E+00	1.84E+00	-3.05E+00	54.61	1.16E+00	-1.67E+00	
	200.00	-4.07E-05	2.17E-05	1.17E-05	1.79E-04	2.00E-05	-1.31E-04	8.53E-05	-1.04E-04				
123	515.50	2.39E-01	2.71E-01	6.98E-01	1.26E+00	-1.19E-01	-6.92E-01	1.51E+00	-1.00E+00	45.36	2.39E-01	1.26E+00	
	216.00	-4.09E-06	-2.86E-06	1.36E-05	9.67E-05	-9.16E-06	-5.32E-05	4.49E-05	-5.18E-05				
124	515.50	-6.19E-01	-2.54E-01	1.69E-01	2.62E-01	5.34E-02	-2.35E-01	-1.17E-01	-7.56E-01	62.39	-2.54E-01	-2.62E-01	
	232.00	-1.61E-05	-2.05E-06	1.42E-05	2.02E-05	4.10E-06	-1.81E-05	3.23E-06	-2.13E-05				
125	547.50	-3.45E-01	-9.82E-02	3.11E-01	5.10E-01	1.08E-02	-1.07E+00	3.03E-01	-7.46E-01	51.81	1.27E-01	-3.92E-01	
	248.00	-1.18E-05	-2.32E-06	1.34E-05	3.92E-05	8.30E-07	-8.26E-05	1.31E-05	-2.72E-05				
126	515.50	6.40E-01	8.04E-01	1.09E+00	-6.12E-02	-2.26E-01	-6.88E-01	8.24E-01	6.20E-01	-71.56	6.40E-01	-6.12E-02	
	264.00	-3.15E-06	3.12E-06	1.39E-05	-4.71E-06	-1.74E-05	-5.29E-05	3.90E-06	-3.95E-06				
127	515.50	-1.38E-01	2.62E-02	3.97E-01	2.27E-02	-2.71E-01	-1.38E-01	2.92E-02	-1.41E-01	82.28	2.62E-02	-2.27E-02	
	276.00	-8.44E-06	-2.12E-06	1.21E-05	1.75E-06	-2.09E-05	-1.06E-05	-2.01E-06	-8.56E-06				
128	531.50	6.15E-01	3.80E-01	8.33E-01	3.52E-02	-1.94E-01	-9.42E-02	6.20E-01	3.75E-01	8.34	6.15E-01	3.52E-02	
	297.00	3.57E-06	-5.47E-06	1.19E-05	2.71E-06	-1.49E-05	-7.25E-06	3.77E-06	-5.66E-06				
129	515.50	1.66E+00	1.01E+00	1.50E+00	-4.17E-01	-2.02E-01	-4.00E-01	1.87E+00	8.10E-01	-26.02	1.66E+00	-4.17E-01	
	320.00	1.81E-05	-6.91E-06	1.17E-05	-3.21E-05	-1.55E-05	-3.08E-05	2.59E-05	-1.47E-05				
183	565.50	2.75E-01	-7.74E-01	-2.78E-01	4.21E+00	1.04E+00	-3.25E+00	3.99E+00	-4.49E+00	41.44	2.75E-01	4.21E+00	
	-8.00	1.91E-05	-2.12E-05	-2.14E-06	3.24E-04	8.01E-05	-2.50E-04	1.62E-04	-1.64E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .3900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE

3704

1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.7608E+02	-.4927E+03	-.2186E+03	.3875E+02	.7025E+02	-.5228E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5041E+01	.1643E+01	.2583E+00	.4397E+02	-.1973E+02	-.3171E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2844E+01	-.3110E+00	-.5456E-01	.7402E+02	-.4059E+02	-.5978E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.4260E+01	.1063E+01	-.2103E+00	.1043E+03	-.6585E+02	-.8747E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.4041E+01	-.4577E+00	-.1826E+00	.1337E+03	-.9002E+02	-.1182E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2860E+01	-.9274E+00	.1621E+00	.1744E+03	-.1167E+03	-.1558E+03
25	.1537E+02	.2450E+01	-.8943E-01	.2144E+03	-.1290E+03	-.1928E+03
26	.1384E+02	.2849E+01	-.3793E+00	.2364E+03	-.1368E+03	-.2199E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9828E+02	-.1733E+02	.2075E+01	.2433E+03	-.1936E+03	-.2421E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.9785E+03	.1904E+03	-.2051E+02	.3334E+03	-.5432E+03	-.3825E+03
40	.8453E+03	.1514E+03	-.1151E+02	.3190E+03	-.5350E+03	-.3509E+03
41	.7326E+03	.1148E+03	.1931E+01	.2806E+03	-.4842E+03	-.3042E+03
42	.2263E+03	.2708E+02	.8212E+01	.2459E+03	-.3394E+03	-.2654E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2515E+04	-.3464E+03	-.1464E+02	.7510E+02	-.5807E+03	.1998E+03
48	-.2205E+04	-.2998E+03	-.1615E+02	.8279E+02	-.5429E+03	.1422E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2798E+04	-.4246E+03	-.1355E+02	-.1550E+03	-.4154E+03	.5947E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1021E+02	.1018E+00	-.1578E+01	.4580E+02	-.5711E+03	.1889E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1910E+04	-.2892E+03	-.1335E+02	-.1040E+03	-.3310E+03	.5585E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	-.1331E+04	-.2021E+03	-.1776E+02	-.[illegible]2	-.3037E+03	.5423E+03
	-.4251E+03	-.6561E+02	-.2213E+02	-.11[illegible]3	-.2365E+03	.5660E+03
	.9616E+03	.1429E+03	-.2202E+02	-.109[illegible]03	-.1646E+03	.5652E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1711E+04	.2558E+03	-.1814E+02	-.3420E+02	-.9717E+02	.5620E+03
76	-.1500E+03	-.2863E+02	-.1197E+02	-.1639E+02	-.1618E+02	.5679E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.7119E+03	.1075E+03	-.8475E+01	.3649E+01	.7585E+02	.5485E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3089E+03	-.4516E+02	-.5759E+01	.4104E+02	.1277E+03	.5346E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4119E+03	.6372E+02	-.5111E+01	.2092E+02	.2027E+03	.4930E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2940E+03	-.4176E+02	-.4297E+01	.1540E+02	.2437E+03	.4496E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3311E+03	.5262E+02	-.4344E+01	.2192E+02	.3075E+03	.4044E+03
109	-.2011E+03	-.2687E+02	-.3517E+01	.2922E+02	.3444E+03	.3494E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2726E+03	.4466E+02	-.3338E+01	.6470E+01	.3906E+03	.2912E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.9175E+02	.1771E+02	-.8941E-01	-.6350E+01	.4057E+03	.2304E+03
115	.7554E+02	.1541E+02	.1099E+01	-.1285E+02	.4046E+03	.1700E+03
116	.8420E+02	.1709E+02	.2411E+01	-.1648E+02	.4141E+03	.1321E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1203E+03	.2270E+02	.3532E+01	-.8815E+01	.4197E+03	.1135E+03
119	.1011E+03	.1941E+02	.4942E+01	-.2988E+02	.3795E+03	.6822E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2269E+03	.2799E+02	.1330E+02	-.1873E+02	.3184E+03	.3826E+02
122	.1663E+03	.1069E+02	.2101E+02	.8115E+01	.3047E+03	.3527E+02
123	.1388E+03	.6376E+01	.1880E+02	.4799E+01	.2649E+03	.3147E+02
124	.9851E+02	.4250E+01	.1301E+02	.2551E+01	.2170E+03	.2840E+02
125	.6235E+02	.1423E+01	.9566E+01	.7035E+00	.1783E+03	.2548E+02
126	.1526E+02	-.5738E+01	.8970E+01	-.1674E+01	.1482E+03	.2236E+02
127	-.1865E+02	-.1132E+02	.8980E+01	-.3204E+01	.1248E+03	.1848E+02
128	-.5265E+02	-.1569E+02	.8398E+01	-.6922E+01	.7770E+02	.1413E+02

129	-.5191E+02	-.13345E+02	.6862E+01	-.9430E+01	.4066E+02	.1045E+02
130	-.3511E+02	-.79985E+01	.4826E+01	-.9432E+01	.1434E+02	.8087E+01
131	-.8953E+01	-.14025E+01	.3098E+01	-.7161E+01	.1503E+01	.6811E+01
132	.2966E+00	.55753E+00	.2255E+01	-.4885E+01	.3811E+01	.6052E+01
133	.1923E+01	.57135E+00	.2098E+01	-.3449E+01	.6345E+01	.5197E+01
134	.5060E+00	.14815E+00	.2119E+01	-.2637E+01	.5759E+01	.4118E+01
135	-.3377E-01	-.33655E-02	.2392E+01	-.1992E+01	.4052E+01	.3033E+01
136	.8426E-02	.11285E-01	.3181E+01	-.1368E+01	.2607E+01	.2016E+01
137	-.8376E-01	-.28855E-01	.5109E+01	-.3659E+00	.1154E+01	.1096E+01
138	.7007E-01	.13175E+00	.9548E+02	-.4595E+00	-.2718E+00	.5204E+00
139	.9171E-01	.14866E+00	-.5929E+02	-.9508E-01	.1406E+00	-.1210E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.12147E-01	-.66273E-04	.12103E-01	.00000E+00
3	-.22274E-01	-.21345E-03	.22301E-01	.00000E+00
4	-.24252E-01	-.20279E-03	.24262E-01	.00000E+00
5	-.26305E-01	-.38110E-04	.26315E-01	.00000E+00
6	-.29937E-01	.11599E-04	.29934E-01	-.15905E-05
7	-.27335E-01	-.27244E-03	.27661E-01	.00000E+00
8	-.30020E-01	-.19377E-03	.30100E-01	-.83822E-07
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.12017E-01	-.84013E-04	.12110E-01	.00000E+00
11	-.22455E-01	-.16951E-03	.22704E-01	.00000E+00
12	-.25169E-01	-.16003E-03	.25452E-01	.00000E+00
13	-.27329E-01	-.11199E-03	.27431E-01	.00000E+00
14	-.30211E-01	-.11227E-03	.30534E-01	-.57655E-06
15	-.27772E-01	-.26327E-03	.28696E-01	.00000E+00
16	-.30490E-01	-.15975E-03	.31251E-01	.25388E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.12176E-01	-.69242E-04	.12516E-01	.00000E+00
19	-.22939E-01	-.74196E-04	.23684E-01	.00000E+00
20	-.25811E-01	-.81737E-04	.26678E-01	.00000E+00
21	-.28046E-01	.48697E-04	.28816E-01	.00000E+00
22	-.30882E-01	.11882E-03	.32254E-01	.12264E-05
23	-.26886E-01	-.27077E-03	.31005E-01	.00000E+00
24	-.31357E-01	-.12594E-03	.33575E-01	-.67364E-05
25	-.31689E-01	-.28201E-03	.34439E-01	.14666E-05
26	-.31881E-01	-.18276E-03	.34955E-01	.80256E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.12338E-01	-.12243E-03	.12812E-01	.00000E+00
29	-.23651E-01	-.11532E-03	.24592E-01	.00000E+00
30	-.26463E-01	-.66366E-04	.28074E-01	.00000E+00
31	-.29067E-01	-.15593E-03	.31308E-01	.00000E+00
32	-.32089E-01	-.19331E-03	.35528E-01	-.19356E-04
33	-.29039E-01	-.44707E-03	.31255E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.12328E-01	-.26674E-03	.12796E-01	.00000E+00
36	-.23948E-01	-.15043E-03	.24759E-01	.00000E+00
37	-.26834E-01	-.13431E-03	.27882E-01	.00000E+00
38	-.29970E-01	-.90923E-04	.32413E-01	.00000E+00
39	-.32419E-01	-.27161E-03	.36487E-01	.23197E-04
40	-.32357E-01	-.54378E-03	.36262E-01	.95469E-05
41	-.32297E-01	-.49330E-03	.36054E-01	-.11993E-05
42	-.32219E-01	-.40542E-03	.35823E-01	-.12855E-04
43	-.26870E-01	-.30648E-03	.27090E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.11815E-01	.37035E-03	.11563E-01	.00000E+00
	-.24264E-01	-.47512E-04	.23543E-01	.00000E+00
	-.32440E-01	-.10244E-03	.36567E-01	.17476E-04
	-.32440E-01	-.18166E-03	.36562E-01	.28281E-04

	-.29952E-01	-.14141E-03	.32136E-01	.00000E+00
	-.32770E-01	-.17330E-03	.36712E-01	.072E-04
51	-.30513E-01	-.26731E-03	.31225E-01	.00000E+00
52	-.34142E-01	-.58984E-04	.34347E-01	.00000E+00
53	-.32470E-01	-.20222E-04	.36590E-01	.15695E-05
54	-.26953E-01	.21733E-04	.25126E-01	.00000E+00
55	-.30216E-01	-.22701E-03	.27788E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.10236E-01	-.10000E-02	.83570E-02	.00000E+00
58	-.21973E-01	-.37119E-03	.16116E-01	.00000E+00
59	-.34966E-01	.14418E-03	.32351E-01	.00000E+00
60	-.34324E-01	-.54959E-04	.33329E-01	.00000E+00
61	-.33069E-01	-.17011E-03	.36808E-01	.11903E-03
62	-.25735E-01	.92172E-04	.19506E-01	.00000E+00
63	-.29530E-01	.33325E-03	.23628E-01	.00000E+00
64	-.34844E-01	-.41268E-04	.34848E-01	.00000E+00
65	-.33471E-01	-.16871E-03	.36898E-01	.14725E-03
66	-.34462E-01	-.16376E-03	.37078E-01	.17796E-03
67	-.35527E-01	-.15480E-03	.37274E-01	.16899E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.81247E-02	.21041E-03	.50374E-02	.00000E+00
70	-.23359E-01	.25149E-03	.16271E-01	.00000E+00
71	-.34346E-01	.62269E-03	.27227E-01	.00000E+00
72	-.35834E-01	.64827E-04	.34907E-01	.00000E+00
73	-.28744E-01	.30737E-03	.18689E-01	.00000E+00
74	-.38016E-01	.14375E-03	.36550E-01	.00000E+00
75	-.36429E-01	-.14773E-03	.37448E-01	.12777E-03
76	-.37629E-01	-.16531E-03	.37793E-01	.88495E-04
77	-.32932E-01	.78060E-03	.22680E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.97912E-02	-.25151E-03	.65986E-02	.00000E+00
80	-.22503E-01	.48126E-03	.14341E-01	.00000E+00
81	-.24884E-01	.59570E-03	.15665E-01	.00000E+00
82	-.27799E-01	.88609E-03	.18545E-01	.00000E+00
83	-.38291E-01	.97852E-03	.30313E-01	.00000E+00
84	-.36315E-01	.11026E-02	.25121E-01	.00000E+00
85	-.38983E-01	-.15366E-03	.38218E-01	.70380E-04
86	-.39417E-01	.16941E-03	.37721E-01	.00000E+00
87	-.33301E-01	.87336E-03	.21441E-01	.00000E+00
88	-.39602E-01	.37001E-03	.34384E-01	.00000E+00
89	-.39902E-01	-.17967E-03	.38647E-01	.56227E-04
90	-.26023E-01	.23952E-03	.12357E-01	.00000E+00
91	-.27798E-01	.45459E-03	.13466E-01	.00000E+00
92	-.29644E-01	.13128E-03	.14278E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.11376E-01	.00000E+00	.53841E-02	.00000E+00
95	-.20812E-01	.00000E+00	.95164E-02	.00000E+00
96	-.23784E-01	.00000E+00	.10845E-01	.00000E+00
97	-.24815E-01	.00000E+00	.10800E-01	.00000E+00
98	-.24428E-01	.00000E+00	.10535E-01	.00000E+00
99	-.26554E-01	-.51136E-04	.11522E-01	.00000E+00
100	-.32263E-01	.26037E-03	.16699E-01	.00000E+00
101	-.38455E-01	.44052E-03	.25166E-01	.00000E+00
102	-.41338E-01	-.19253E-03	.39255E-01	.50813E-04
103	-.40111E-01	.80093E-03	.31024E-01	.00000E+00
104	-.42026E-01	.17463E-04	.39156E-01	.00000E+00
105	-.42334E-01	-.19530E-03	.39796E-01	.44257E-04
106	-.41828E-01	.95505E-03	.34230E-01	.00000E+00
107	-.43707E-01	-.43239E-05	.39848E-01	.00000E+00
108	-.43501E-01	-.19229E-03	.40300E-01	.42297E-04
109	-.44329E-01	-.19314E-03	.40736E-01	.35698E-04
110	-.43758E-01	-.33155E-04	.36307E-01	.00000E+00
111	-.45473E-01	-.25466E-03	.40996E-01	.00000E+00
112	-.45239E-01	-.18503E-03	.41108E-01	.31995E-04

113	-.45146E-01	.23728E-03	.38207E-01	.00000E+00
114	-.45740E-01	-.14416E-03	.41410E-01	.12542E-04
115	-.45625E-01	-.12522E-03	.41645E-01	.35480E-05
116	-.45925E-01	-.76561E-04	.41601E-01	-.38946E-05
117	-.45741E-01	-.31398E-03	.41970E-01	.00000E+00
118	-.45849E-01	-.62567E-04	.41868E-01	-.91359E-05
119	-.45597E-01	-.33493E-04	.41950E-01	-.16857E-04
120	-.46171E-01	-.44320E-04	.42182E-01	.00000E+00
121	-.45046E-01	.13567E-04	.41997E-01	-.29820E-04
122	-.44985E-01	.26210E-03	.42057E-01	-.35824E-04
123	-.44894E-01	.49357E-03	.42106E-01	-.40483E-04
124	-.44790E-01	.75499E-03	.42155E-01	-.45742E-04
125	-.44653E-01	.10512E-02	.42205E-01	-.51831E-04
126	-.44387E-01	.16126E-02	.42289E-01	-.58469E-04
127	-.44105E-01	.22061E-02	.42370E-01	-.58665E-04
128	-.43579E-01	.33374E-02	.42537E-01	-.46174E-04
129	-.43235E-01	.42123E-02	.42689E-01	-.28343E-04
130	-.43063E-01	.46713E-02	.42856E-01	-.79221E-05
131	-.43150E-01	.44436E-02	.43109E-01	.13297E-04
132	-.43394E-01	.36052E-02	.43330E-01	.18721E-04
133	-.43608E-01	.29126E-02	.43524E-01	.15897E-04
134	-.43747E-01	.22906E-02	.43680E-01	.13019E-04
135	-.43844E-01	.17299E-02	.43805E-01	.12084E-04
136	-.43915E-01	.11895E-02	.43896E-01	.12210E-04
137	-.43955E-01	.66006E-03	.43950E-01	.12143E-04
138	-.43983E-01	.99155E-04	.43983E-01	.12550E-04
139	-.43983E-01	.12288E-04	.43983E-01	.12315E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	4.85E-04	-2.78E-02	-5.70E-03	-1.48E+00	-1.62E-03	1.49E+00	1.46E+00	-1.49E+00	-44.73	4.85E-04	-1.48E+00
	-303.00	4.51E-07	-8.35E-07	1.70E-07	-1.34E-04	-1.47E-07	1.35E-04	6.70E-05	-6.73E-05			
2	72.00	-1.87E-02	-4.31E-02	1.00E-02	-1.26E+00	3.26E-03	1.29E+00	1.22E+00	-1.29E+00	-44.72	-1.87E-02	-1.26E+00
	-213.00	-1.78E-07	-1.29E-06	1.13E-06	-1.14E-04	2.97E-07	1.17E-04	5.63E-05	-5.78E-05			
3	72.00	-2.23E-01	-4.85E-02	3.13E-02	-8.54E-01	7.83E-02	9.20E-01	7.22E-01	-9.94E-01	-47.92	-2.23E-01	-8.54E-01
	-138.00	-3.82E-06	1.59E-07	1.97E-06	-3.88E-05	3.56E-06	4.18E-05	1.77E-05	-2.13E-05			
4	24.00	-8.75E-01	-3.53E-01	-4.92E-01	-1.60E+00	2.37E-01	1.74E+00	9.85E-01	-2.25E+00	-49.28	-8.75E-01	-1.60E+00
	-68.00	-1.43E-05	4.21E-06	4.23E-07	-1.23E-04	1.83E-05	1.34E-04	5.72E-05	-6.73E-05			
5	72.00	2.27E-01	9.02E-02	2.70E-01	-6.85E-01	-3.56E-02	7.47E-01	8.48E-01	-5.30E-01	-42.14	9.02E-02	6.85E-01
	-88.00	2.29E-06	-2.99E-06	3.92E-06	-5.27E-05	-2.74E-06	5.74E-05	2.61E-05	-2.68E-05			
6	120.00	1.09E-01	9.67E-02	1.68E-01	-1.37E+00	-7.20E-02	1.35E+00	1.48E+00	-1.27E+00	-44.87	-1.25E+00	2.42E-01
	-68.00	9.16E-08	-3.80E-07	2.35E-06	-1.06E-04	-5.54E-06	1.04E-04	5.27E-05	-5.30E-05			
7	36.25	-3.97E-01	-1.66E-01	-1.21E-01	-7.48E-01	1.00E-01	7.23E-01	4.76E-01	-1.04E+00	-49.40	-3.71E-01	-7.52E-01
	-19.00	-7.76E-04	1.15E-06	2.85E-06	-5.75E-05	7.69E-06	5.56E-05	2.58E-05	-3.24E-05			
8	108.00	3.62E-02	8.75E-02	1.20E-01	-6.01E-01	-6.56E-03	6.42E-01	6.63E-01	-5.40E-01	-46.22	3.62E-02	-6.01E-01
	-19.00	-1.28E-06	6.53E-07	1.93E-06	-4.62E-05	-5.05E-07	4.94E-05	2.28E-05	-2.34E-05			
9	216.00	-5.20E-02	-5.85E-02	-2.98E-02	-1.48E+00	1.00E-02	1.51E+00	1.42E+00	-1.53E+00	-44.94	-5.20E-02	-1.48E+00
	-303.00	-5.53E-07	-8.51E-07	5.00E-07	-1.34E-04	9.10E-07	1.37E-04	6.65E-05	-6.79E-05			
10	216.00	-9.67E-02	-5.85E-02	-1.12E-02	-1.29E+00	3.48E-02	1.34E+00	1.21E+00	-1.37E+00	-45.42	-9.67E-02	-1.29E+00
	-213.00	-2.23E-06	-4.97E-07	1.65E-06	-1.17E-04	3.16E-06	1.21E-04	5.73E-05	-6.01E-05			
11	216.00	-2.19E-01	-4.66E-02	6.22E-02	-1.01E+00	1.14E-01	1.06E+00	8.82E-01	-1.15E+00	-47.44	-2.19E-01	-1.01E+00
	-138.00	-3.91E-06	7.78E-09	2.48E-06	-4.60E-05	5.18E-06	4.84E-05	2.11E-05	-2.50E-05			
12	168.00	-4.00E-01	-2.42E-01	-1.96E-01	-1.53E+00	2.07E-01	1.57E+00	1.21E+00	-1.85E+00	-46.47	-4.00E-01	-1.53E+00
	-68.00	-6.16E-06	-1.19E-07	1.68E-06	-1.17E-04	1.59E-05	1.21E-04	5.57E-05	-6.19E-05			
13	216.00	3.40E-01	9.93E-02	3.22E-01	-6.07E-01	-1.30E-02	6.61E-01	8.38E-01	-3.99E-01	-39.40	9.93E-02	6.07E-01
	-88.00	4.71E-06	-4.54E-06	4.01E-06	-4.67E-05	-9.99E-07	5.08E-05	2.35E-05	-2.37E-05			
14	264.0[illegible]	5.71E-02	7.62E-02	1.27E-01	-1.34E+00	-2.10E-02	[illegible]7E+00	1.35E+00	-1.33E+00	-46.43	-1.29E+00	3.07E-[illegible]
	-68.[illegible]	[illegible].80E-06	1.32E-06	3.28E-06	-1.03E-04	-1.62E-06	[illegible]E-04	5.02E-05	-5.27E-05			
15	18[illegible]	1.93E-01	-3.91E-02	1.39E-02	-6.46E-01	1.41E-0[illegible]	[illegible]5E-01	5.34E-01	-7.66E-01	-48.39	-1.93E-01	-6.[illegible]

	-19.	[illegible]5.02E-06	8.90E-07	2.93E-06	-4.97E-05	1.06E-05	[illegible]	[illegible]E-05	2.29E-05	-2.71E-05				
16	252.	[illegible].52E-02	7.39E-02	1.34E-01	-5.69E-01	5.20E-02	[illegible]E-01	5.65E-01	-5.80E-01	-48.98	-8.52E-02	-5.69E		
	-19.	[illegible]4.62E-06	1.50E-06	3.80E-06	-4.38E-05	4.00E-06	[illegible]19E-05	2.05E-05	-2.37E-05					
17	361.00	-5.87E-02	-6.59E-02	-3.41E-02	-1.50E+00	4.96E-03	1.55E+00	1.44E+00	-1.56E+00	-44.69	-5.87E-02	-1.50E+00		
	-303.00	-5.54E-07	-1.06E-06	5.63E-07	-1.36E-04	4.51E-07	1.41E-04	6.74E-05	-6.90E-05					
18	361.00	-1.21E-01	-5.46E-02	-1.68E-02	-1.35E+00	2.63E-02	1.41E+00	1.27E+00	-1.44E+00	-45.70	-1.21E-01	-1.35E+00		
	-213.00	-2.99E-06	1.20E-08	1.73E-06	-1.23E-04	2.39E-06	1.28E-04	6.00E-05	-6.30E-05					
19	361.00	-2.53E-01	-3.27E-02	7.92E-02	-1.04E+00	1.10E-01	1.19E+00	9.07E-01	-1.19E+00	-48.01	-2.53E-01	-1.04E+00		
	-138.00	-4.67E-06	3.40E-07	2.88E-06	-4.75E-05	5.01E-06	5.42E-05	2.17E-05	-2.60E-05					
20	312.00	-7.04E-01	-3.69E-01	-3.28E-01	-1.69E+00	3.55E-01	1.87E+00	1.16E+00	-2.24E+00	-47.82	-7.04E-01	-1.69E+00		
	-68.00	-1.17E-05	1.20E-06	2.78E-06	-1.30E-04	2.76E-05	1.44E-04	6.02E-05	-7.06E-05					
21	360.67	5.67E-01	2.36E-01	4.84E-01	-7.65E-01	-7.03E-02	9.55E-01	1.18E+00	-3.81E-01	-38.89	2.36E-01	7.65E-01		
	-88.00	7.67E-06	-5.07E-06	4.47E-06	-5.89E-05	-5.41E-06	7.34E-05	3.14E-05	-2.88E-05					
22	409.33	-3.16E-01	-4.18E-01	-1.51E-01	-1.63E+00	2.04E-03	2.04E+00	1.27E+00	-2.00E+00	-44.11	-1.98E+00	2.88E-01		
	-68.00	-2.44E-06	-6.36E-06	3.94E-06	-1.26E-04	1.57E-07	1.57E-04	5.84E-05	-6.72E-05					
23	324.00	-3.57E-01	-7.13E-02	1.07E-02	-6.46E-01	2.52E-01	6.76E-01	4.47E-01	-8.75E-01	-51.23	-3.57E-01	-6.46E-01		
	-19.00	-9.14E-06	1.84E-06	5.00E-06	-4.97E-05	1.94E-05	5.20E-05	2.18E-05	-2.91E-05					
24	372.00	-1.76E-01	1.88E-01	2.12E-01	-1.79E+00	2.38E-01	1.93E+00	1.81E+00	-1.79E+00	-47.90	-1.76E-01	-1.79E+00		
	-9.33	-9.23E-06	4.77E-06	5.70E-06	-1.38E-04	1.83E-05	1.49E-04	6.70E-05	-7.15E-05					
25	401.25	-1.10E-01	4.64E-03	1.89E-01	-5.83E-01	7.62E-02	7.78E-01	5.33E-01	-6.38E-01	-47.80	4.44E-01	-3.10E-01		
	-19.00	-5.14E-06	-7.45E-07	6.34E-06	-4.48E-05	5.86E-06	5.98E-05	1.96E-05	-2.55E-05					
26	427.67	-6.71E-01	-4.32E-01	-2.50E-01	-1.99E+00	3.24E-01	2.71E+00	1.45E+00	-2.55E+00	-46.71	-1.83E+00	-1.54E+00		
	-9.33	-1.09E-05	-1.75E-06	5.24E-06	-1.53E-04	2.49E-05	2.09E-04	7.04E-05	-8.31E-05					
27	457.00	-6.53E-02	-1.15E-01	-5.64E-02	-1.52E+00	-7.56E-03	1.57E+00	1.43E+00	-1.62E+00	-44.53	-6.53E-02	-1.52E+00		
	-303.00	1.08E-07	-2.16E-06	5.15E-07	-1.39E-04	-6.87E-07	1.42E-04	6.83E-05	-7.03E-05					
28	457.00	-1.11E-01	-2.72E-02	-9.89E-03	-1.42E+00	1.89E-03	1.45E+00	1.35E+00	-1.49E+00	-45.84	-1.11E-01	-1.42E+00		
	-213.00	-3.12E-06	6.86E-07	1.47E-06	-1.29E-04	1.72E-07	1.32E-04	6.35E-05	-6.59E-05					
29	457.00	-4.53E-01	-1.15E-01	-3.20E-02	-1.07E+00	-5.92E-02	1.22E+00	7.97E-01	-1.36E+00	-49.50	-4.53E-01	-1.07E+00		
	-138.00	-7.15E-06	5.37E-07	2.42E-06	-4.85E-05	-2.69E-06	5.53E-05	2.13E-05	-2.79E-05					
30	442.00	-2.06E-01	-4.77E-01	-1.40E-01	-1.84E+00	-7.61E-02	2.09E+00	1.51E+00	-2.19E+00	-42.90	-2.06E-01	-1.84E+00		
	-68.00	1.13E-06	-9.30E-06	3.65E-06	-1.42E-04	-5.85E-06	1.61E-04	6.70E-05	-7.52E-05					
31	457.33	2.24E+00	1.19E+00	1.46E+00	-6.77E-01	-1.09E+00	1.12E+00	2.57E+00	8.62E-01	-26.11	1.19E+00	6.77E-01		
	-88.00	3.25E-05	-7.88E-06	2.31E-06	-5.21E-05	-8.40E-05	8.60E-05	4.52E-05	-2.06E-05					
32	472.67	-3.38E+00	-2.38E+00	-2.22E+00	-1.63E+00	6.55E-01	2.70E+00	-1.17E+00	-4.59E+00	-53.53	-4.32E+00	-9.22E-01		
	-68.00	-4.23E-05	-3.77E-06	2.24E-06	-1.26E-04	5.04E-05	2.08E-04	4.27E-05	-8.87E-05					
33	443.00	-3.44E-01	-1.82E-01	2.59E-02	-9.07E-01	1.04E-01	1.03E+00	6.48E-01	-1.17E+00	-47.55	-3.44E-01	-9.07E-01		
	-19.50	-7.73E-06	-1.50E-06	6.49E-06	-6.98E-05	8.03E-06	7.94E-05	3.04E-05	-3.97E-05					
34	454.00	-2.64E+00	-1.71E+00	-1.56E+00	-2.43E+00	7.55E-01	3.42E+00	2.98E-01	-4.65E+00	-50.39	-3.59E+00	-2.03E+00		
	-11.33	-3.65E-05	-9.04E-07	4.88E-06	-1.87E-04	5.81E-05	2.63E-04	7.65E-05	-1.14E-04					
35	461.67	-2.62E-01	-1.66E-01	3.61E-03	-2.32E+00	1.84E-01	3.53E+00	2.10E+00	-2.53E+00	-45.60	-2.62E-01	-2.32E+00		
	-12.00	-5.42E-06	-1.71E-06	4.80E-06	-1.78E-04	1.41E-05	2.71E-04	8.55E-05	-9.27E-05					
36	469.00	1.61E+00	7.36E-01	1.13E+00	-2.29E-01	-9.74E-01	1.39E+00	1.67E+00	6.79E-01	-13.79	7.36E-01	2.29E-01		
	-30.00	2.38E-05	-9.94E-06	5.21E-06	-1.76E-05	-7.49E-05	1.07E-04	2.60E-05	-1.21E-05					
37	476.33	-8.66E-01	-1.07E+00	-5.86E-01	-1.54E+00	1.99E-01	2.89E+00	5.81E-01	-2.51E+00	-43.15	-1.48E+00	-1.46E+00		
	-12.00	-5.65E-06	-1.33E-05	5.13E-06	-1.19E-04	1.53E-05	2.22E-04	5.00E-05	-6.90E-05					
38	558.50	1.37E-01	1.14E-01	1.04E-01	-1.45E+00	-4.42E-02	1.49E+00	1.58E+00	-1.33E+00	-44.77	1.37E-01	-1.45E+00		
	-303.00	1.63E-06	5.76E-07	9.66E-08	-1.32E-04	-4.02E-06	1.35E-04	6.72E-05	-6.49E-05					
39	558.50	-2.65E-02	-7.71E-02	-3.72E-02	-1.44E+00	-8.73E-02	1.46E+00	1.39E+00	-1.50E+00	-44.50	-2.65E-02	-1.44E+00		
	-213.00	6.24E-07	-1.68E-06	1.37E-07	-1.31E-04	-7.93E-06	1.33E-04	6.52E-05	-6.62E-05					
40	506.17	-6.00E-02	-1.25E-01	3.62E-02	-3.23E+00	-2.57E-01	3.15E+00	3.14E+00	-3.32E+00	-44.71	-6.00E-02	-3.23E+00		
	-138.00	-5.82E-07	-2.06E-06	1.60E-06	-1.47E-04	-1.17E-05	1.43E-04	7.21E-05	-7.47E-05					
41	558.50	7.11E-01	-1.26E-01	1.01E-01	-1.37E+00	-8.09E-01	1.95E+00	1.72E+00	-1.14E+00	-36.49	-1.26E-01	1.37E+00		
	-148.00	1.26E-05	-6.47E-06	-1.29E-06	-6.22E-05	-3.68E-05	8.87E-05	3.56E-05	-2.95E-05					
42	610.83	-1.88E-01	-2.30E-01	-1.93E-01	-2.84E+00	-5.24E-01	2.46E+00	2.63E+00	-3.04E+00	-44.79	-2.95E+00	7.24E-01		
	-128.00	-1.07E-06	-2.02E-06	-1.18E-06	-1.29E-04	-2.38E-05	1.12E-04	6.29E-05	-6.60E-05					
43	501.38	1.56E-01	1.36E-01	2.24E-01	-7.20E-01	-2.92E-01	8.89E-01	8.66E-01	-5.74E-01	-44.60	1.56E-01	-7.20E-01		
	-78.00	3.41E-07	-4.40E-07	2.93E-06	-5.54E-05	-2.24E-05	6.84E-05	2.76E-05	-2.77E-05					
44	534.67	-3.80E-01	-7.02E-02	-1.65E-01	-2.27E+00	-1.67E-01	2.89E+00	2.05E+00	-2.50E+00	-46.95	-2.43E+00	5.46E-01		
	-68.00	-7.85E-06	4.06E-06	4.11E-07	-1.75E-04	-1.29E-05	2.22E-04	8.56E-05	-8.94E-05					
45	584.67	4.52E-01	4.21E-01	3.63E-01	-2.30E+00	-5.74E-01	1.95E+00	2.73E+00	-1.86E+00	-44.81	4.52E-01	-2.30E+00		
	-68.00	3.79E-06	2.62E-06	3.76E-07	-1.77E-04	-4.42E-05	1.50E-04	9.16E-05	-8.52E-05					
46	610.83	2.20E+00	8.21E-01	1.10E+00	-1.25E+00	-1.05E+00	1.58E+00	2.94E+00	8.75E-02	-30.48	8.21E-01	1.25E+00		
	-88.00	3.94E-05	-1.38E-05	-2.99E-06	-9.58E-05	-8.09E-05	1.21E-04	6.76E-05	-4.20E-05					
47	482.63	1.75E-01	1.52E-01	3.72E-01	-5.10E-01	-2.93E-01	1.02E+00	6.74E-01	-3.46E-01	-44.35	1.75E-01	-5.10E-01		

	-21.00	-9.47E-07	-1.84E-06	6.63E-06	-3.97E-05	-2.25E-05	7.97E-05	1.82E-05	-2.10E-05				
48	485.83	6.59E-02	1.51E-01	2.49E-01	-1.51E+00	-3.77E-02	3.22E+00	1.62E+00	-1.40E+00	-45.61	-1.28E-01	-1.49E+00	
	-12.00	-2.59E-06	6.68E-07	4.45E-06	-1.16E-04	-2.90E-06	2.47E-04	5.70E-05	-5.89E-05				
49	507.88	-8.88E-02	2.28E-01	2.97E-01	-5.65E-01	-1.73E-01	1.13E+00	6.87E-01	-4.66E-01	-50.91	-8.88E-03	-5.65E-01	
	-21.00	-5.90E-06	3.21E-06	5.475-06	-4.35E-05	-1.33E-05	8.68E-05	2.09E-05	-2.36E-05				
50	538.67	-4.09E-01	1.72E-01	-4.68E-02	-2.03E+00	-7.61E-01	2.52E+00	1.93E+00	-2.17E+00	-49.08	-2.11E+00	4.95E-01	
	-10.00	-1.26E-06	9.73E-06	1.32E-06	-1.56E-04	-5.85E-05	1.94E-04	7.73E-05	-8.02E-05				
51	494.67	7.27E+00	5.06E+00	5.24E+00	1.33E-01	-6.05E-01	3.29E-01	7.28E+00	5.05E+00	3.44	5.06E+00	-1.33E-01	
	8.00	8.65E-05	1.56E-06	8.50E-06	1.02E-05	-4.69E-05	2.53E-05	8.68E-05	1.25E-06				
52	507.00	-2.03E+00	-2.36E+00	-1.54E+00	-1.33E+00	-3.51E-01	-1.00E+00	-8.58E-01	-3.54E+00	-41.48	-3.28E+00	-7.98E-01	
	9.00	-1.30E-05	-2.57E-05	6.11E-06	-1.02E-04	-2.70E-05	-7.71E-05	3.22E-05	-7.09E-05				
53	603.00	-1.21E-01	7.79E-02	-9.77E-02	-8.96E-01	-3.80E-01	7.96E-01	8.80E-01	-9.23E-01	-48.17	4.59E-01	-7.63E-01	
	-18.00	-3.11E-06	4.54E-06	-2.31E-06	-6.89E-05	-2.92E-05	6.12E-05	3.54E-05	-3.40E-05				
54	712.00	1.59E-01	-3.54E-02	2.62E-02	-1.40E+00	-1.09E-01	1.22E+00	1.46E+00	-1.34E+00	-43.02	1.59E-01	-1.40E+00	
	-303.00	5.27E-06	-3.55E-06	-7.48E-07	-1.27E-04	-9.94E-06	1.11E-04	6.46E-05	-6.28E-05				
55	712.00	7.71E-01	5.14E-01	4.20E-01	-1.54E+00	-3.56E-01	1.21E+00	2.19E+00	-9.04E-01	-42.62	7.71E-01	-1.54E+00	
	-213.00	1.29E-05	1.22E-06	-3.06E-06	-1.40E-04	-3.24E-05	1.10E-04	7.73E-05	-6.32E-05				
56	712.00	8.78E-01	5.59E-01	1.37E-01	-1.20E+00	-8.44E-01	9.14E-01	1.93E+00	-4.94E-01	-41.21	8.78E-01	-1.20E+00	
	-138.00	1.17E-05	4.44E-06	-5.14E-06	-5.46E-05	-3.84E-05	4.16E-05	3.56E-05	-1.95E-05				
57	712.00	1.92E-01	2.56E-02	-1.22E-01	-7.37E-01	-3.49E-01	7.34E-01	8.51E-01	-6.33E-01	-41.77	1.92E-01	-7.37E-01	
	-78.00	6.35E-06	-6.63E-08	-5.75E-06	-5.67E-05	-2.68E-05	5.65E-05	3.17E-05	-2.54E-05				
58	712.00	2.96E-01	3.26E-01	1.81E-02	-9.91E-01	-3.20E-01	8.80E-01	1.30E+00	-6.80E-01	-45.44	2.96E-01	-9.91E-01	
	-18.00	4.35E-06	5.51E-06	-6.34E-06	-7.63E-05	-2.46E-05	6.77E-05	4.31E-05	-3.32E-05				
59	837.00	4.01E+00	2.26E+00	2.51E+00	-1.18E+00	-6.13E-01	1.02E+00	4.60E+00	1.67E+00	-26.70	2.26E+00	1.18E+00	
	-318.00	6.82E-05	-1.12E-05	.00E+00	-1.07E-04	-5.57E-05	9.29E-05	9.51E-05	-3.81E-05				
60	887.00	6.41E-01	1.88E-01	3.32E-01	-3.15E+00	-2.43E-01	2.25E+00	3.57E+00	-2.74E+00	-42.94	-2.47E+00	1.28E+00	
	-288.00	1.41E-05	-6.54E-06	.00E+00	-2.86E-04	-2.21E-05	2.05E-04	1.47E-04	-1.40E-04				
61	987.00	-6.50E-01	-3.65E-01	-4.06E-01	-3.22E+00	1.14E-01	2.04E+00	2.71E+00	-3.73E+00	-46.27	-6.50E-01	-3.22E+00	
	-288.00	-1.11E-05	1.88E-06	.00E+00	-2.92E-04	1.04E-05	1.85E-04	1.42E-04	-1.51E-04				
62	1037.00	4.06E+00	2.50E+00	2.63E+00	-2.37E+00	-4.84E-01	1.61E+00	5.78E+00	7.83E-01	-35.91	2.50E+00	2.37E+00	
	-318.00	6.53E-05	-5.59E-06	.00E+00	-2.16E-04	-4.40E-05	1.47E-04	1.43E-04	-8.38E-05				
63	862.00	9.68E-02	1.27E-01	-7.06E-02	-1.58E+00	-5.89E-02	1.16E+00	1.69E+00	-1.47E+00	-45.27	9.68E-02	-1.58E+00	
	-213.00	2.42E-06	3.77E-06	-5.19E-06	-1.44E-04	-5.35E-06	1.06E-04	7.49E-05	-6.88E-05				
64	1012.00	-2.23E-01	-6.92E-02	-2.81E-01	-1.72E+00	4.50E-02	1.16E+00	1.57E+00	-1.86E+00	-46.28	-2.23E-01	-1.72E+00	
	-213.00	-2.70E-06	4.30E-06	-5.32E-06	-1.56E-04	4.09E-06	1.05E-04	7.89E-05	-7.73E-05				
65	837.00	-2.28E-01	2.28E-01	-4.85E-01	-1.17E+00	-2.43E-01	1.24E+00	1.20E+00	-1.20E+00	-50.50	2.28E-01	1.17E+00	
	-148.00	-2.65E-06	7.72E-06	-8.47E-06	-5.33E-05	-1.10E-05	5.62E-05	2.97E-05	-2.46E-05				
66	937.00	1.22E-01	2.02E-01	-3.36E-01	-2.11E+00	-1.15E-01	1.44E+00	2.27E+00	-1.95E+00	-45.54	-1.26E+00	1.55E+00	
	-128.00	2.84E-06	4.65E-06	-7.56E-06	-9.58E-05	-5.24E-06	6.55E-05	5.17E-05	-4.42E-05				
67	1037.00	1.84E+00	6.42E-01	2.95E-01	-2.01E+00	-5.87E-01	1.67E+00	3.34E+00	-8.55E-01	-36.69	6.42E-01	2.01E+00	
	-148.00	2.73E-05	1.86E-08	-7.87E-06	-9.13E-05	-2.67E-05	7.58E-05	6.13E-05	-3.40E-05				
68	837.00	6.26E-01	7.92E-01	2.96E-01	-2.30E+00	-3.31E-01	1.61E+00	3.01E+00	-1.59E+00	-46.03	6.26E-01	-2.30E+00	
	-68.00	5.24E-06	1.16E-05	-7.44E-06	-1.77E-04	-2.55E-05	1.24E-04	9.69E-05	-8.00E-05				
69	937.00	5.58E-01	-1.12E-01	-1.80E-01	-1.20E+00	-3.36E-01	9.75E-01	1.47E+00	-1.02E+00	-37.19	-1.12E-01	1.20E+00	
	-88.00	1.95E-05	-7.23E-06	-9.84E-06	-9.22E-05	-2.59E-05	7.50E-05	5.35E-05	-4.22E-05				
70	1037.00	2.90E-01	2.42E-01	-1.15E-01	-2.05E+00	1.03E-01	1.90E+00	2.31E+00	-1.79E+00	-44.73	-1.17E+00	1.47E+00	
	-68.00	6.30E-06	4.82E-06	-8.89E-06	-1.58E-04	7.93E-06	1.46E-04	8.44E-05	-7.33E-05				
71	862.00	4.00E-01	3.74E-01	-4.21E-02	-9.70E-01	-2.85E-01	8.15E-01	1.36E+00	-5.83E-01	-44.62	4.00E-01	-9.70E-01	
	-18.00	7.33E-06	6.36E-06	-9.67E-06	-7.46E-05	-2.20E-05	6.27E-05	4.41E-05	-3.05E-05				
72	1012.00	-1.80E-01	-1.30E-01	-4.96E-01	-1.02E+00	7.31E-02	7.37E-01	8.66E-01	-1.18E+00	-45.71	-1.80E-01	-1.02E+00	
	-18.00	1.92E-06	3.88E-06	-1.02E-05	-7.85E-05	5.62E-06	5.67E-05	4.22E-05	-3.64E-05				
73	1387.00	-2.21E-01	-2.23E-01	-2.29E-01	-1.29E+00	7.08E-03	7.33E-01	1.07E+00	-1.51E+00	-44.98	-2.21E-01	-1.29E+00	
	-303.00	-1.32E-06	-1.40E-06	-1.66E-06	-1.17E-04	6.43E-07	6.66E-05	5.73E-05	-6.01E-05				
74	1387.00	-4.22E-02	4.54E-02	-1.58E-01	-1.36E+00	1.43E-03	7.25E-01	1.36E+00	-1.35E+00	-45.93	-4.22E-02	-1.36E+00	
	-213.00	8.89E-08	4.07E-06	-5.16E-06	-1.23E-04	1.30E-07	6.59E-05	6.37E-05	-5.96E-05				
75	1387.00	-3.46E-02	-9.57E-02	-4.68E-01	-9.96E-01	-1.19E-02	4.62E-01	9.31E-01	-1.06E+00	-44.12	-3.46E-02	-9.96E-01	
	-138.00	2.35E-06	9.62E-07	-7.50E-06	-4.53E-05	-5.41E-07	2.19E-05	2.43E-05	-2.10E-05				
76	1187.00	2.49E-01	1.91E-01	-1.07E-01	-1.54E+00	-1.67E-01	5.25E-01	1.76E+00	-1.32E+00	-44.46	2.49E-01	-1.54E+00	
	-68.00	5.92E-06	3.68E-06	-7.77E-06	-1.18E-04	-1.29E-05	4.04E-05	6.40E-05	-5.44E-05				
77	1387.00	4.15E-01	3.74E-01	-2.34E-02	-7.68E-01	-1.21E-01	4.91E-01	1.16E+00	-3.74E-01	-44.23	3.74E-01	7.68E-01	
	-88.00	7.55E-06	5.96E-06	-9.31E-06	-5.91E-05	-9.28E-06	3.78E-05	3.63E-05	-2.28E-05				
78	1587.	9.79E-02	9.65E-02	-2.18E-01	-9.61E-01	3.83E-02	[illegible]8E-01	1.06E+00	-8.64E-01	-44.98	-2.73E-01	8.87[illegible]	
	-68	4.03E-06	3.50E-06	-8.13E-06	-7.40E-05	2.95E-06	[illegible]7E-05	4.10E-05	-3.30E-05				
79	123[illegible]	5.20E-01	2.50E-01	-5.31E-02	-8.12E-01	-1.78E-01	[illegible]7E-01	1.21E+00	-4.36E-01	-40.27	5.20E-01	-8.	

	-18.0	3.21E-05	1.74E-06	-9.53E-06	-6.24E-05	-1.37E-05	[illegible]E-05	3.86E-05	-2.47E-05				
80	1433.80	3.19E-01	1.50E-01	-1.59E-01	-9.31E-01	-5.61E-02	[illegible]8E-01	1.17E+00	-7.00E-01	-42.41	3.19E-01	-9.31E	
	-8.00	8.96E-06	2.37E-06	-9.53E-06	-7.16E-05	-4.32E-06	2.29E-05	4.16E-05	-3.03E-05				
81	1533.80	5.27E-01	1.28E-01	-7.06E-02	-5.55E-01	-4.74E-02	2.08E-01	9.17E-01	-2.62E-01	-35.11	1.28E-01	5.55E-01	
	-28.00	1.35E-05	-1.51E-06	-9.14E-06	-4.27E-05	-3.65E-06	1.60E-05	2.85E-05	-1.65E-05				
82	1633.80	5.49E-01	1.80E-01	-2.08E-02	-2.05E-01	3.12E-02	4.17E-02	6.40E-01	8.84E-02	-24.05	9.04E-02	3.32E-02	
	-8.00	1.33E-05	-8.52E-07	-8.58E-06	-1.58E-05	2.40E-06	3.21E-06	1.66E-05	-4.38E-06				
83	1433.80	2.19E+00	5.82E-01	8.89E-01	-6.23E-01	-4.79E-01	2.26E-01	2.46E+00	7.14E-01	-22.90	9.82E-01	6.23E-01	
	27.60	3.97E-05	-6.91E-06	-1.05E-05	-4.70E-05	-3.68E-05	1.74E-05	4.99E-05	-1.70E-05				
84	1296.10	7.70E-01	1.30E-01	-4.08E-02	-6.45E-01	-2.16E-01	2.84E-01	1.17E+00	-2.70E-01	-31.81	5.22E-01	7.16E-01	
	40.70	2.02E-05	-4.44E-06	-1.10E-05	-4.96E-05	-1.66E-05	2.18E-05	3.56E-05	-1.98E-05				
85	1148.60	3.15E-01	-1.73E-01	-3.19E-01	-8.53E-01	-2.46E-01	2.02E-01	9.59E-01	-8.16E-01	-37.01	-6.85E-01	-4.65E-01	
	57.33	1.41E-05	-4.71E-06	-1.03E-05	-6.56E-05	-1.89E-05	1.56E-05	3.88E-05	-2.95E-05				
86	1131.40	2.80E+00	1.33E+00	1.15E+00	-3.74E-01	-9.64E-01	3.01E-03	2.89E+00	1.24E+00	-13.48	1.33E+00	3.74E-01	
	112.00	4.96E-05	-8.90E-06	-1.38E-05	-2.88E-05	-7.41E-05	2.31E-07	5.31E-05	-1.03E-05				
87	1019.80	8.39E-01	5.75E-01	1.42E-01	-9.35E-01	-3.83E-01	1.23E+00	1.65E+00	-2.37E-01	-40.98	5.75E-01	9.35E-01	
	34.67	1.52E-05	5.01E-06	-1.16E-05	-7.19E-05	-2.94E-05	9.45E-05	4.64E-05	-2.62E-05				
88	886.60	3.66E-01	2.58E-01	-1.25E-01	-7.72E-01	-1.91E-01	7.51E-01	1.09E+00	-4.61E-01	-43.00	3.66E-01	-7.72E-01	
	46.00	8.60E-06	4.45E-06	-1.03E-05	-5.94E-05	-1.47E-05	5.78E-05	3.63E-05	-2.32E-05				
89	869.80	1.57E+00	6.64E-01	4.26E-01	-4.64E-01	-6.85E-01	1.76E-01	1.77E+00	4.69E-01	-22.83	6.64E-01	4.64E-01	
	96.00	3.12E-05	-3.70E-06	-1.29E-05	-3.57E-05	-5.27E-05	1.36E-05	3.87E-05	-1.12E-05				
90	952.60	2.96E-01	-7.40E-01	-6.05E-01	-1.07E+00	-3.11E-01	7.96E-01	9.67E-01	-1.41E+00	-32.08	-1.10E+00	8.00E-01	
	128.00	2.29E-05	-1.69E-05	-1.18E-05	-8.23E-05	-2.39E-05	6.13E-05	4.87E-05	-4.27E-05				
91	869.80	4.61E-01	8.12E-02	-1.63E-01	-5.08E-01	-3.39E-01	1.38E-01	8.14E-01	-2.71E-01	-34.75	4.61E-01	-5.08E-01	
	160.00	1.36E-05	-1.05E-06	-1.04E-05	-3.91E-05	-2.60E-05	1.06E-05	2.71E-05	-1.46E-05				
92	869.80	2.43E+00	8.37E-01	7.51E-01	-3.64E-01	-1.33E+00	3.20E-01	2.51E+00	7.58E-01	-12.27	8.37E-01	3.64E-01	
	203.60	4.93E-05	-1.19E-05	-1.53E-05	-2.80E-05	-1.03E-04	2.46E-05	5.23E-05	-1.50E-05				
93	598.67	-2.73E-01	1.74E-01	-1.99E-01	-1.53E+00	-9.64E-01	1.71E+00	1.69E+00	-1.55E+00	-49.17	1.74E-01	1.53E+00	
	16.00	-7.24E-06	9.97E-06	-4.37E-06	-1.18E-04	-7.41E-05	1.31E-04	6.08E-05	-5.80E-05				
94	645.75	1.80E-01	2.53E-01	2.17E-03	-9.90E-01	-3.70E-01	8.08E-01	1.21E+00	-7.74E-01	-46.06	1.80E-01	-9.90E-01	
	24.00	2.13E-06	4.96E-06	-4.70E-06	-7.61E-05	-2.85E-05	6.21E-05	4.16E-05	-3.45E-05				
95	613.10	1.81E-01	4.52E-01	1.66E-01	-1.76E+00	-3.99E-01	6.86E-02	2.08E+00	-1.45E+00	-47.21	1.81E-01	-1.76E+00	
	69.33	-1.83E-06	8.61E-06	-2.39E-06	-1.35E-04	-3.07E-05	5.28E-06	7.11E-05	-6.44E-05				
96	708.45	3.70E-01	1.73E-01	-6.25E-02	-7.97E-01	-3.86E-01	6.02E-01	1.08E+00	-5.32E-01	-41.47	6.51E-01	7.08E-01	
	56.00	8.96E-06	1.37E-06	-7.69E-06	-6.13E-05	-2.97E-05	4.63E-05	3.61E-05	-2.57E-05				
97	613.10	9.85E-01	3.73E-01	2.33E-01	-6.09E-01	-1.37E+00	3.81E-01	1.36E+00	-2.75E-03	-31.66	3.73E-01	6.09E-01	
	96.00	2.04E-05	-3.14E-06	-4.58E-06	-4.68E-05	-1.05E-04	2.93E-05	3.48E-05	-1.76E-05				
98	682.27	4.37E-01	2.55E-01	-1.45E-03	-1.15E+00	-4.10E-01	5.98E-01	1.50E+00	-8.08E-01	-42.74	-6.04E-01	6.54E-01	
	112.00	9.23E-06	2.22E-06	-7.65E-06	-8.85E-05	-3.15E-05	4.60E-05	5.01E-05	-3.87E-05				
99	751.43	1.65E+00	4.63E-02	2.92E-01	-1.17E+00	-9.41E-01	1.67E+00	2.27E+00	-5.71E-01	-27.79	4.63E-02	1.17E+00	
	96.00	4.16E-05	-2.01E-05	-1.06E-05	-9.01E-05	-7.24E-05	1.13E-04	6.54E-05	-4.38E-05				
100	683.25	3.40E-01	1.38E-01	-1.21E-01	-4.05E-01	-3.19E-01	5.19E-01	6.57E-01	-1.79E-01	-38.02	3.40E-01	-4.05E-01	
	152.00	9.14E-06	1.39E-06	-8.57E-06	-3.17E-05	-2.46E-05	4.00E-05	2.13E-05	-1.06E-05				
101	648.67	1.90E+00	8.39E-01	6.70E-01	-2.82E-01	-9.76E-01	2.92E-01	1.97E+00	7.69E-01	-13.99	8.39E-01	2.82E-01	
	192.00	3.57E-05	-5.22E-06	-1.17E-05	-2.17E-05	-7.50E-05	2.24E-05	3.84E-05	-7.92E-06				
102	725.25	3.21E-01	-1.49E-01	-2.66E-01	-3.93E-01	-2.59E-01	4.09E-01	5.44E-01	-3.73E-01	-29.58	9.39E-02	4.58E-01	
	232.70	1.34E-05	-4.70E-06	-9.19E-06	-3.03E-05	-1.99E-05	3.15E-05	2.20E-05	-1.33E-05				
103	635.50	3.14E-01	4.25E-01	3.92E-02	-1.38E-02	-2.00E-01	-2.23E-01	4.26E-01	3.13E-01	-82.97	3.14E-01	-1.38E-02	
	256.00	3.54E-06	7.78E-06	-7.04E-06	-1.06E-06	-1.54E-05	-1.71E-05	7.84E-06	3.48E-06				
104	635.50	7.11E-01	4.54E-01	8.46E-02	7.31E-03	-7.48E-01	4.44E-02	7.12E-01	4.93E-01	1.92	4.94E-01	-7.31E-03	
	290.67	1.32E-05	4.82E-06	-1.09E-05	5.62E-07	-5.75E-05	3.42E-06	1.32E-05	4.81E-06				
105	569.00	-3.44E-01	1.84E-01	-9.13E-02	-1.56E+00	-4.94E-01	1.45E+00	1.50E+00	-1.66E+00	-49.80	-3.44E-01	-1.56E+00	
	16.50	-1.05E-05	9.83E-06	-7.52E-07	-1.20E-04	-3.80E-05	1.12E-04	6.05E-05	-6.12E-05				
106	508.50	-3.91E+00	-2.57E+00	-2.58E+00	-1.26E+00	-1.25E+00	4.17E-01	-1.81E+00	-4.67E+00	-59.02	-2.57E+00	1.26E+00	
	13.00	-5.09E-05	7.29E-07	4.04E-07	-9.69E-05	-9.63E-05	3.21E-05	2.98E-05	-8.00E-05				
107	521.00	-9.79E-01	-3.39E-01	-3.99E-01	-1.59E+00	-4.21E-01	7.97E-01	9.67E-01	-2.28E+00	-50.67	-9.79E-01	-1.59E+00	
	15.75	-1.88E-05	5.82E-06	3.54E-06	-1.23E-04	-3.24E-05	6.13E-05	5.60E-05	-6.90E-05				
108	526.25	-8.43E-01	-2.76E-01	-3.59E-01	-1.75E+00	-3.54E-01	8.27E-01	1.22E+00	-2.33E+00	-49.60	-8.43E-01	-1.75E+00	
	21.00	-1.62E-05	5.63E-06	2.43E-06	-1.35E-04	-2.73E-05	6.36E-05	6.30E-05	-7.35E-05				
109	515.50	-2.49E+00	-1.63E+00	-1.72E+00	-2.22E+00	-8.85E-01	4.22E-01	1.95E-01	-4.32E+00	-50.52	-1.63E+00	2.22E+00	
	26.00	-3.18E-05	1.49E-06	-1.80E-06	-1.70E-04	-6.81E-05	3.25E-05	7.17E-05	-1.02E-04				
110	531.50	-3.56E-01	-1.24E-01	-1.85E-01	-1.42E+00	-2.46E-01	7.10E-01	1.16E+00	-1.66E+00	-47.34	-3.56E-01	-1.42E+00	
	34.50	-6.38E-06	2.55E-06	1.75E-07	-1.09E-04	-1.85E-05	5.46E-05	5.28E-05	-5.67E-05				
111	515.50	8.98E-01	1.55E+00	1.05E+00	-4.28E+00	-1.94E-01	-2.22E-01	5.52E+00	-3.06E+00	-47.21	8.98E-01	-4.28E+00	

380

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	44.00	-4.04E-06	2.14E-05	1.98E-06	-3.29E-04	-1.49E-05	-1.71E-05	1.74E-04	-1.56E-04				
112	515.50	4.51E-02	1.23E-02	-8.06E-02	-9.76E-01	-5.26E-01	3.42E-01	1.01E+00	-9.46E-01	-44.52	1.23E-02	9.76E-01	
	53.33	1.99E-06	7.28E-07	-2.85E-06	-7.51E-05	-4.04E-05	2.63E-05	3.85E-05	-3.62E-05				
113	547.50	6.35E-01	4.12E-02	1.73E-01	-1.47E+00	-3.04E-01	1.63E+00	1.84E+00	-1.16E+00	-39.29	-4.20E-01	1.29E+00	
	64.00	1.51E-05	-7.75E-06	-2.68E-06	-1.13E-04	-2.34E-05	1.25E-04	6.14E-05	-5.40E-05				
114	515.50	1.19E+00	1.50E+00	1.02E+00	-1.80E+00	-1.06E-01	2.96E-01	3.16E+00	-4.55E-01	-47.44	1.19E+00	-1.80E+00	
	74.67	5.05E-06	1.69E-05	-1.48E-06	-1.39E-04	-8.16E-06	2.28E-05	8.05E-05	-5.85E-05				
115	515.50	2.15E+00	1.35E+00	1.28E+00	-6.34E-01	-4.16E-01	3.25E-01	2.50E+00	1.00E+00	-28.94	1.35E+00	6.34E-01	
	88.00	3.01E-05	-5.36E-07	-3.29E-06	-4.88E-05	-3.20E-05	2.50E-05	4.36E-05	-1.40E-05				
116	547.50	1.46E+00	3.22E-01	6.01E-01	-1.86E+00	-2.71E-01	1.19E+00	2.84E+00	-1.05E+00	-36.49	-4.86E-01	1.37E+00	
	104.00	3.00E-05	-1.38E-05	-3.10E-06	-1.43E-04	-2.09E-05	9.15E-05	8.29E-05	-6.67E-05				
117	515.50	4.83E-01	6.21E-01	2.95E-01	-1.42E+00	-3.42E-02	5.37E-01	1.98E+00	-8.73E-01	-46.39	4.83E-01	-1.42E+00	
	120.00	3.21E-06	8.52E-06	-4.04E-06	-1.09E-04	-2.63E-06	4.13E-05	6.07E-05	-4.85E-05				
118	515.50	1.42E+00	8.53E-01	7.05E-01	-5.46E-01	-2.58E-01	2.72E-01	1.75E+00	5.20E-01	-31.36	8.53E-01	5.46E-01	
	136.00	2.19E-05	1.25E-07	-5.57E-06	-4.20E-05	-1.97E-05	2.10E-05	3.46E-05	-1.27E-05				
119	547.50	1.25E+00	5.14E-01	5.15E-01	-1.27E+00	-1.64E-01	6.84E-01	2.20E+00	-4.37E-01	-36.90	-3.91E-02	9.45E-01	
	152.00	2.30E-05	-5.28E-06	-5.24E-06	-9.75E-05	-1.26E-05	5.26E-05	5.96E-05	-4.19E-05				
120	515.50	6.00E-01	6.39E-01	2.70E-01	-9.84E-01	-3.95E-02	2.32E-01	1.60E+00	-3.65E-01	-45.58	6.00E-01	-9.84E-01	
	168.00	6.49E-06	8.01E-06	-6.21E-06	-7.57E-05	-3.04E-06	1.79E-05	4.51E-05	-3.06E-05				
121	515.50	1.88E+00	1.13E+00	9.30E-01	-4.18E-01	-3.16E-01	2.02E-01	2.06E+00	9.42E-01	-24.08	1.13E+00	4.18E-01	
	184.00	2.89E-05	1.72E-07	-7.49E-06	-3.21E-05	-2.41E-05	1.55E-05	3.61E-05	-7.01E-06				
122	547.50	7.62E-01	-2.30E-01	-4.40E-02	-1.34E+00	-1.64E-01	9.63E-01	1.69E+00	-1.16E+00	-34.81	-8.00E-01	9.45E-01	
	200.00	2.39E-05	-1.42E-05	-7.05E-06	-1.03E-04	-1.26E-05	7.41E-05	5.96E-05	-4.99E-05				
123	515.50	-1.86E-01	-2.52E-01	-4.67E-01	-6.84E-01	4.81E-02	2.71E-01	4.66E-01	-9.04E-01	-43.63	-1.86E-01	-6.84E-01	
	216.00	2.78E-06	2.61E-07	-8.01E-06	-5.26E-05	3.70E-06	2.09E-05	2.79E-05	-2.48E-05				
124	515.50	3.99E-01	1.58E-01	-9.33E-02	-1.46E-01	-8.72E-02	1.34E-01	4.68E-01	8.86E-02	-25.24	1.58E-01	1.46E-01	
	232.00	1.03E-05	9.73E-07	-8.68E-06	-1.13E-05	-6.71E-06	1.03E-05	1.29E-05	-1.66E-06				
125	547.50	1.37E-01	-4.08E-02	-2.59E-01	-2.94E-01	-2.56E-02	7.09E-01	3.55E-01	-2.59E-01	-36.59	-1.69E-01	2.17E-01	
	248.00	7.06E-06	2.25E-07	-8.18E-06	-2.26E-05	-1.97E-06	5.46E-05	1.54E-05	-8.16E-06				
126	515.50	-4.80E-01	-6.29E-01	-7.46E-01	6.69E-02	1.31E-01	3.47E-01	-4.55E-01	-6.55E-01	20.97	-4.80E-01	6.69E-02	
	264.00	1.92E-06	-3.81E-06	-8.30E-06	5.14E-06	1.01E-05	2.67E-05	2.90E-06	-4.80E-06				
127	515.50	6.58E-02	-3.24E-02	-2.53E-01	-1.44E-02	1.55E-01	8.08E-02	6.79E-02	-3.45E-02	-8.18	-3.24E-02	1.44E-02	
	276.00	4.94E-06	1.17E-06	-7.32E-06	-1.11E-06	1.19E-05	6.22E-06	5.02E-06	1.09E-06				
128	531.50	-3.88E-01	-2.31E-01	-5.11E-01	-1.76E-02	1.13E-01	5.36E-02	-2.29E-01	-3.90E-01	-83.69	-3.88E-01	-1.76E-02	
	297.00	-2.50E-06	3.53E-06	-7.23E-06	-1.35E-06	8.73E-06	4.12E-06	3.61E-06	-2.58E-06				
129	515.50	-1.10E+00	-7.06E-01	-9.79E-01	2.62E-01	1.17E-01	1.78E-01	-5.75E-01	-1.23E+00	63.53	-1.10E+00	2.62E-01	
	320.00	-1.17E-05	3.47E-06	-7.05E-06	2.01E-05	8.99E-06	1.37E-05	8.48E-06	-1.67E-05				
130	565.50	-1.35E-01	3.29E-01	1.24E-01	-2.37E+00	-6.47E-01	1.82E+00	2.48E+00	-2.29E+00	-47.79	-1.35E-01	-2.37E+00	
	-8.00	-8.67E-06	9.15E-06	1.26E-06	-1.82E-04	-4.97E-05	1.40E-04	9.19E-05	-9.14E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3870E+02	.2392E+03	.7715E+02	-.2156E+02	-.4035E+02	.2965E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3018E+01	-.1111E+01	-.3042E+00	-.2370E+02	.1129E+02	.1771E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2061E+01	.2842E+00	-.7253E-01	-.3979E+02	.2385E+02	.3318E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.3007E+01	-.7198E+00	.6415E-01	-.561[illegible]E+02	.3837E+02	.4862E+02
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]0	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.2156E+01	.4234E+00	.4383E-01	-.7212E+02	.5246E+02	.6572E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1014E+01	.4662E+00	-.1516E+00	-.9501E+02	.6760E+02	.8674E+02
25	-.9028E+01	-.1442E+01	.1467E-01	-.1172E+03	.7467E+02	.1075E+03
26	-.3380E+01	-.8683E+00	.1408E+00	-.1276E+03	.7921E+02	.1227E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.5454E+02	.9941E+01	-.1405E+01	-.1321E+03	.1118E+03	.1352E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.6814E+03	-.1259E+03	.9803E+01	-.1835E+03	.3102E+03	.2148E+03
40	-.5378E+03	-.9138E+02	.3808E+01	-.1747E+03	.3057E+03	.1967E+03
41	-.4208E+03	-.6261E+02	-.3580E+01	-.1528E+03	.2768E+03	.1702E+03
42	-.1188E+03	-.1288E+02	-.5775E+01	-.1334E+03	.1947E+03	.1483E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1302E+04	.1779E+03	.7372E+01	-.3755E+02	.3314E+03	-.1169E+03
48	.1139E+04	.1533E+03	.8226E+01	-.5002E+02	.3087E+03	-.8295E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1575E+04	.2390E+03	.7622E+01	.6814E+02	.2337E+03	-.3376E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.5283E+01	-.2335E+01	.6371E+00	-.2249E+02	.3256E+03	-.1107E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1076E+04	.1630E+03	.7520E+01	.4180E+02	.1860E+03	-.3162E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.7512E+03	.1141E+03	.1001E+02	.4065E+02	.1709E+03	-.3069E+03
66	.2436E+03	.3760E+02	.1252E+02	.4687E+02	.1328E+03	-.3202E+03
67	-.5336E+03	-.7929E+02	.1246E+02	.4538E+02	.9230E+02	-.3194E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.9488E+03	-.1418E+03	.1030E+02	.2587E+01	.5409E+02	-.3228E+03
76	.1050E+03	.1564E+02	.6897E+01	-.9741E+01	.7809E+01	-.3277E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3967E+03	-.5992E+02	.4954E+01	-.1588E+02	-.4537E+02	-.3160E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1705E+03	.2490E+02	.3420E+01	-.4046E+02	-.7554E+02	-.3092E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2307E+03	-.3573E+02	.3047E+01	-.2674E+02	-.1199E+03	-.2847E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1597E+03	.2258E+02	.2551E+01	-.2154E+02	-.1445E+03	-.2593E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1812E+03	-.2890E+02	.2577E+01	-.2437E+02	-.1818E+03	-.2336E+03
109	.1095E+03	.1448E+02	.2138E+01	-.2709E+02	-.2040E+03	-.2016E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1503E+03	-.2477E+02	.2034E+01	-.1144E+02	-.2315E+03	-.1689E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.5999E+02	-.1133E+02	.1534E+00	-.2104E+01	-.2412E+03	-.1345E+03
115	-.3769E+02	-.8082E+01	-.5364E+00	.5078E+01	-.2413E+03	-.9941E+02
116	-.5992E+02	-.1166E+02	-.1347E+01	.8856E+01	-.2481E+03	-.7846E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.7329E+02	-.1378E+02	-.2059E+01	.2360E+01	-.2521E+03	-.6647E+02
119	-.5959E+02	-.1148E+02	-.2925E+01	.1817E+02	-.2280E+03	-.4133E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1343E+03	-.1660E+02	-.7972E+01	.1232E+02	-.1916E+03	-.2403E+02
122	-.1114E+03	-.6528E+01	-.1254E+02	-.5686E+01	-.1836E+03	-.2122E+02
123	-.8339E+02	-.3971E+01	-.1114E+02	-.3686E+01	-.1598E+03	-.1894E+02
124	-.5960E+02	-.2711E+01	-.7694E+01	-.2320E+01	-.1310E+03	-.1710E+02
125	-.3797E+02	-.9856E+00	-.5650E+01	-.1194E+01	-.1077E+03	-.1535E+02
126	-.9680E+01	.3333E+01	-.5243E+01	.2530E+00	-.8972E+02	-.1348E+02
127	.1081E+02	.6714E+01	-.5313E+01	.1204E+01	-.7573E+02	-.1114E+02
128	.3136E+02	.9369E+01	-.4967E+01	.3485E+01	-.4750E+02	-.8528E+01
129	.3097E+02	.7987E+01	-.4055E+01	.4453E+01	-.2523E+02	-.6311E+01
130	.2108E+02	.4805E+01	-.2839E+01	.4530E+01	-.9329E+01	-.4881E+01
131	.5386E+01	.8419E+00	-.1804E+01	.3862E+01	-.1468E+01	-.4105E+01
132	-.6220E+00	-.3968E+00	-.1310E+01	.2587E+01	-.2706E+01	-.3640E+01
133	-.1126E+01	-.3367E+00	-.1221E+01	.1801E+01	-.4100E+01	-.3120E+01
134	-.3006E+00	-.8937E-01	-.1234E+01	.1375E+01	-.3667E+01	-.2471E+01
135	.1439E-01	.8510E-03	-.1388E+01	.1043E+01	-.2583E+01	-.1819E+01
136	.1042E-02	-.5940E-02	-.1851E+01	.7215E+00	-.1661E+01	-.1210E+01
137	.4685E-01	.1612E-01	-.2960E+01	.4680E+00	-.7391E+00	-.6584E+00
138	-.3368E-01	-.7491E-01	-.5412E+02	.2648E+00	.1821E+00	-.3182E+00
139	-.5296E-01	-.8582E-01	.3078E+02	.4694E-01	-.9572E-01	.8820E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
	.00000E+00	.00000E+00	.00000E+00	000E+00
	.10298E-01	.62842E-04	-.10372E-01	000E+00

	.19908E-01	.21428E-03	-.19905E-01	.00000E+00
	.20538E-01	.21440E-03	-.20465E-01	.00000E+00
5	.22214E-01	-.36317E-05	-.22224E-01	.00000E+00
6	.25278E-01	-.54093E-06	-.25274E-01	.60863E-05
7	.23105E-01	.46453E-03	-.23458E-01	.00000E+00
8	.25350E-01	.37145E-03	-.25463E-01	.14045E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.10294E-01	.12402E-03	-.10424E-01	.00000E+00
11	.19072E-01	.28638E-03	-.19438E-01	.00000E+00
12	.21288E-01	.34547E-03	-.21724E-01	.00000E+00
13	.23113E-01	.28460E-03	-.23370E-01	.00000E+00
14	.25517E-01	.40785E-03	-.25965E-01	.31671E-05
15	.23430E-01	.71918E-03	-.24732E-01	.00000E+00
16	.25754E-01	.65499E-03	-.26787E-01	-.46562E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.10399E-01	.18398E-03	-.10988E-01	.00000E+00
19	.19472E-01	.40669E-03	-.20657E-01	.00000E+00
20	.21792E-01	.52103E-03	-.23191E-01	.00000E+00
21	.23701E-01	.38655E-03	-.25006E-01	.00000E+00
22	.26076E-01	.50576E-03	-.27932E-01	.13039E-05
23	.24367E-01	.10756E-02	-.27332E-01	.00000E+00
24	.26479E-01	.98049E-03	-.29429E-01	.97157E-05
25	.26758E-01	.12250E-02	-.30382E-01	.51411E-06
26	.26921E-01	.11985E-02	-.30942E-01	-.18375E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.10425E-01	.36377E-03	-.11582E-01	.00000E+00
29	.19946E-01	.76275E-03	-.22046E-01	.00000E+00
30	.22337E-01	.91426E-03	-.25008E-01	.00000E+00
31	.24598E-01	.11142E-02	-.27918E-01	.00000E+00
32	.27092E-01	.13464E-02	-.31559E-01	.25905E-04
33	.24534E-01	.15970E-02	-.28025E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.10349E-01	.51579E-03	-.11682E-01	.00000E+00
36	.20106E-01	.94075E-03	-.22491E-01	.00000E+00
37	.22599E-01	.10726E-02	-.25058E-01	.00000E+00
38	.25282E-01	.13205E-02	-.29104E-01	.00000E+00
39	.27423E-01	.18317E-02	-.32632E-01	-.14184E-04
40	.27368E-01	.19435E-02	-.32384E-01	.19375E-05
41	.27315E-01	.18593E-02	-.32151E-01	.12553E-04
42	.27224E-01	.16476E-02	-.31887E-01	.22240E-04
43	.22370E-01	.13264E-02	-.25081E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.96891E-02	-.30565E-04	-.11042E-01	.00000E+00
46	.20056E-01	.80912E-03	-.22161E-01	.00000E+00
47	.27449E-01	.17604E-02	-.32732E-01	-.14147E-04
48	.27441E-01	.18209E-02	-.32714E-01	-.20712E-04
49	.25252E-01	.14266E-02	-.28889E-01	.00000E+00
50	.27696E-01	.18259E-02	-.32835E-01	-.61215E-04
51	.25449E-01	.15239E-02	-.28619E-01	.00000E+00
52	.28586E-01	.16056E-02	-.31326E-01	.00000E+00
53	.27472E-01	.16588E-02	-.32796E-01	-.43909E-05
54	.22261E-01	.84913E-03	-.23730E-01	.00000E+00
55	.25024E-01	.12712E-02	-.26324E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.83659E-02	.90556E-03	-.86414E-02	.00000E+00
58	.18037E-01	.62582E-03	-.16755E-01	.00000E+00
59	.29135E-01	.12980E-02	-.30279E-01	.00000E+00
60	.29623E-01	.15506E-02	-.30624E-01	.00000E+00
61	.27933E-01	.18314E-02	-.32916E-01	-.94419E-04
62	.21205E-01	.48528E-03	-.20227E-01	.00000E+00
63	.24428E-01	.49340E-03	-.23840E-01	.00000E+00
64	.29179E-01	.16068E-02	-.31746E-01	.00000E+00
65	.28252E-01	.18369E-02	-.32992E-01	-.11739E-03
66	.29045E-01	.18364E-02	-.33145E-01	-.14276E-03

67	.29902E-01	.19540E-02	-.33311E-01	-.13630E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.56204E-02	-.11327E-03	-.55987E-02	.00000E+00
70	.19170E-01	.19788E-03	-.17994E-01	.00000E+00
71	.24438E-01	.57665E-03	-.27676E-01	.00000E+00
72	.29971E-01	.15379E-02	-.31925E-01	.00000E+00
73	.23658E-01	.31443E-03	-.21470E-01	.00000E+00
74	.31814E-01	.16076E-02	-.33241E-01	.00000E+00
75	.30632E-01	.18615E-02	-.33457E-01	-.10398E-03
76	.31617E-01	.19010E-02	-.33716E-01	-.72959E-04
77	.27218E-01	.26548E-03	-.25166E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.79322E-02	.24358E-03	-.79030E-02	.00000E+00
80	.18387E-01	-.10777E-03	-.16880E-01	.00000E+00
81	.20408E-01	-.82007E-04	-.18644E-01	.00000E+00
82	.22769E-01	-.11762E-03	-.21396E-01	.00000E+00
83	.31758E-01	.67843E-03	-.30760E-01	.00000E+00
84	.30065E-01	.29115E-03	-.28309E-01	.00000E+00
85	.32732E-01	.19259E-02	-.34058E-01	-.58413E-04
86	.32973E-01	.16565E-02	-.33979E-01	.00000E+00
87	.27538E-01	.17124E-03	-.24975E-01	.00000E+00
88	.33041E-01	.13948E-02	-.32804E-01	.00000E+00
89	.33504E-01	.19798E-02	-.34376E-01	-.47214E-04
90	.21676E-01	-.71687E-04	-.17352E-01	.00000E+00
91	.23194E-01	-.12351E-03	-.18546E-01	.00000E+00
92	.24855E-01	.30168E-03	-.19546E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.95228E-02	.00000E+00	-.78188E-02	.00000E+00
95	.17393E-01	.00000E+00	-.13926E-01	.00000E+00
96	.19834E-01	.00000E+00	-.15696E-01	.00000E+00
97	.20770E-01	.00000E+00	-.15977E-01	.00000E+00
98	.20504E-01	.00000E+00	-.15745E-01	.00000E+00
99	.22202E-01	.15711E-03	-.16839E-01	.00000E+00
100	.27014E-01	.41372E-03	-.21437E-01	.00000E+00
101	.32092E-01	.97475E-03	-.28902E-01	.00000E+00
102	.34695E-01	.20421E-02	-.34844E-01	-.42292E-04
103	.33356E-01	.10177E-02	-.32147E-01	.00000E+00
104	.35123E-01	.18928E-02	-.35151E-01	.00000E+00
105	.35529E-01	.20388E-02	-.35235E-01	-.36478E-04
106	.34838E-01	.11979E-02	-.34196E-01	.00000E+00
107	.36507E-01	.20428E-02	-.35911E-01	.00000E+00
108	.36481E-01	.21358E-02	-.35610E-01	-.34883E-04
109	.37175E-01	.21722E-02	-.35897E-01	-.29577E-04
110	.36877E-01	.24416E-02	-.35806E-01	.00000E+00
111	.38046E-01	.23961E-02	-.37020E-01	.00000E+00
112	.37920E-01	.22143E-02	-.36153E-01	-.26667E-04
113	.37759E-01	.21850E-02	-.36297E-01	.00000E+00
114	.38341E-01	.22078E-02	-.36298E-01	-.10177E-04
115	.38486E-01	.22226E-02	-.36417E-01	-.34604E-05
116	.38529E-01	.21976E-02	-.36417E-01	.58714E-06
117	.38295E-01	.24505E-02	-.37420E-01	.00000E+00
118	.38502E-01	.21962E-02	-.36420E-01	.38211E-05
119	.38386E-01	.21888E-02	-.36401E-01	.74893E-05
120	.38565E-01	.24172E-02	-.37315E-01	.00000E+00
121	.38139E-01	.21493E-02	-.36308E-01	.14446E-04
122	.38110E-01	.20255E-02	-.36337E-01	.18189E-04
123	.38063E-01	.19059E-02	-.36357E-01	.21177E-04
124	.38005E-01	.17667E-02	-.36377E-01	.24674E-04
125	.37933E-01	.16037E-02	-.36396E-01	.28947E-04
126	.37781E-01	.12914E-02	-.36429E-01	.34312E-04
127	.37612E-01	.92527E-03	-.36459E-01	.35738E-04
	.37280E-01	.17934E-03	-.36521E-01	.30501E-04
	.37040E-01	-.39556E-03	-.36577E-01	.21340E-04
	.36885E-01	-.80093E-03	-.36638E-01	.10257E-04

[illegible]	.36850E-01	-.93128E-03	-.36731E-01	[illegible]728E-05
[illegible]	.36921E-01	-.72106E-03	-.36815E-01	[illegible]681E-05
133	.36987E-01	-.49785E-03	-.36889E-01	-.42387E-05
134	.37022E-01	-.35641E-03	-.36950E-01	-.26462E-05
135	.37043E-01	-.26398E-03	-.37000E-01	-.19640E-05
136	.37056E-01	-.18168E-03	-.37036E-01	-.20059E-05
137	.37064E-01	-.10397E-03	-.37059E-01	-.18708E-05
138	.37070E-01	-.17044E-04	-.37070E-01	-.22636E-05
139	.37070E-01	-.20396E-05	-.37070E-01	-.20627E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.01E-02	3.42E-02	-5.30E-03	1.26E+00	6.24E-03	-1.28E+00	1.28E+00	-1.24E+00	45.27	1.01E-02	1.26E+00
	-303.00	-4.85E-08	1.05E-06	-7.48E-07	1.15E-04	5.67E-07	-1.16E-04	5.78E-05	-5.68E-05			
2	72.00	2.24E-02	4.90E-02	-3.32E-02	1.07E+00	-2.66E-04	-1.10E+00	1.10E+00	-1.03E+00	45.36	2.24E-02	1.07E+00
	-213.00	5.22E-07	1.73E-06	-2.01E-06	9.71E-05	-2.41E-08	-9.99E-05	4.97E-05	-4.74E-05			
3	72.00	1.77E-01	6.00E-02	-7.32E-02	7.21E-01	-8.11E-02	-7.87E-01	8.42E-01	-6.05E-01	42.67	1.77E-01	7.21E-01
	-138.00	3.17E-06	5.02E-07	-2.52E-06	3.28E-05	-3.69E-06	-3.58E-05	1.83E-05	-1.46E-05			
4	24.00	9.63E-01	5.62E-01	7.18E-01	1.37E+00	-2.62E-01	-1.53E+00	2.14E+00	-6.19E-01	40.83	9.63E-01	1.37E+00
	-68.00	1.24E-05	-3.03E-06	2.98E-06	1.05E-04	-2.01E-05	-1.17E-04	5.78E-05	-4.85E-05			
5	72.00	-3.29E-01	-1.92E-01	-4.29E-01	6.03E-01	8.38E-03	-6.26E-01	3.46E-01	-8.68E-01	48.24	-1.92E-01	-6.03E-01
	-88.00	-2.22E-06	3.05E-06	-6.06E-06	4.64E-05	6.45E-07	-4.82E-05	2.38E-05	-2.29E-05			
6	120.00	-1.82E-01	-1.96E-01	-2.80E-01	1.15E+00	6.32E-02	-1.13E+00	9.67E-01	-1.34E+00	44.96	9.48E-01	-2.09E-01
	-68.00	1.05E-07	-2.80E-08	-3.64E-06	8.86E-05	4.87E-06	-8.66E-05	4.43E-05	-4.42E-05			
7	36.25	3.18E-01	1.19E-01	5.88E-02	6.72E-01	-8.77E-02	-6.40E-01	8.98E-01	-4.61E-01	40.80	2.95E-01	6.75E-01
	-19.00	6.78E-06	-8.61E-07	-3.19E-06	5.17E-05	-6.74E-06	-4.93E-05	2.91E-05	-2.32E-05			
8	108.00	-3.85E-02	-6.25E-02	-1.38E-01	5.09E-01	-2.36E-03	-5.62E-01	6.58E-01	-5.59E-01	44.32	-3.85E-02	5.09E-01
	-19.00	1.15E-06	2.26E-07	-2.69E-06	3.91E-05	-1.82E-07	-4.32E-05	2.03E-05	-1.89E-05			
9	216.00	6.63E-02	9.60E-02	3.89E-02	1.27E+00	-1.23E-02	-1.31E+00	1.35E+00	-1.19E+00	45.34	6.63E-02	1.27E+00
	-303.00	4.01E-07	1.75E-06	-8.44E-07	1.15E-04	-1.11E-06	-1.19E-04	5.86E-05	-5.65E-05			
10	216.00	9.44E-02	1.01E-01	-3.05E-03	1.10E+00	-3.91E-02	-1.15E+00	1.20E+00	-1.06E+00	45.09	9.44E-02	1.10E+00
	-213.00	1.79E-06	2.10E-06	-2.64E-06	9.99E-05	-3.55E-06	-1.05E-04	5.19E-05	-4.80E-05			
11	216.00	1.60E-01	8.61E-02	-1.50E-01	8.54E-01	-1.19E-01	-9.23E-01	9.78E-01	-7.32E-01	43.76	1.60E-01	8.54E-01
	-138.00	3.14E-06	1.45E-06	-3.92E-06	3.88E-05	-5.41E-06	-4.20E-05	2.17E-05	-1.71E-05			
12	168.00	4.24E-01	4.18E-01	2.42E-01	1.33E+00	-2.12E-01	-1.39E+00	1.75E+00	-9.12E-01	44.93	4.24E-01	1.33E+00
	-68.00	4.40E-06	4.15E-06	-2.60E-06	1.03E-04	-1.63E-05	-1.07E-04	5.56E-05	-4.70E-05			
13	216.00	-4.21E-01	-1.78E-01	-4.75E-01	5.46E-01	-4.14E-02	-5.32E-01	2.60E-01	-8.59E-01	51.26	-1.78E-01	-5.46E-01
	-88.00	-4.38E-06	4.95E-06	-6.48E-06	4.20E-05	-3.18E-06	-4.10E-05	2.18E-05	-2.12E-05			
14	264.00	-4.34E-02	-1.72E-01	-2.79E-01	1.12E+00	1.94E-02	-1.15E+00	1.02E+00	-1.23E+00	43.36	9.84E-01	-2.66E-01
	-68.00	3.76E-06	-1.18E-06	-5.30E-06	8.63E-05	1.50E-06	-8.82E-05	4.45E-05	-4.19E-05			
15	180.00	1.07E-01	2.01E-02	-1.03E-01	5.91E-01	-1.42E-01	-5.59E-01	6.56E-01	-5.29E-01	42.90	1.07E-01	5.91E-01
	-19.00	3.85E-06	5.09E-07	-4.22E-06	4.55E-05	-1.09E-05	-4.30E-05	2.50E-05	-2.06E-05			
16	252.00	6.26E-02	-3.23E-02	-1.86E-01	4.83E-01	-5.72E-02	-5.87E-01	5.01E-01	-4.70E-01	42.20	6.26E-02	4.83E-01
	-19.00	4.12E-06	4.74E-07	-5.45E-06	3.72E-05	-4.40E-06	-4.52E-05	2.10E-05	-1.64E-05			
17	361.00	8.77E-02	1.53E-01	5.92E-02	1.28E+00	-9.06E-03	-1.38E+00	1.40E+00	-1.16E+00	45.73	8.77E-02	1.28E+00
	-303.00	8.81E-08	3.07E-06	-1.21E-06	1.16E-04	-8.24E-07	-1.26E-04	5.97E-05	-5.66E-05			
18	361.00	1.10E-01	1.48E-01	-3.96E-03	1.16E+00	-3.64E-02	-1.24E+00	1.29E+00	-1.03E+00	45.47	1.10E-01	1.16E+00
	-213.00	1.71E-06	3.43E-06	-3.48E-06	1.05E-04	-3.30E-06	-1.13E-04	5.51E-05	-5.00E-05			
19	361.00	1.74E-01	1.18E-01	-2.04E-01	9.20E-01	-1.29E-01	-1.05E+00	1.07E+00	-7.75E-01	44.13	1.74E-01	9.20E-01
	-138.00	3.49E-06	2.22E-06	-5.09E-06	4.18E-05	-5.89E-06	-4.76E-05	2.38E-05	-1.81E-05			
20	312.00	7.36E-01	6.19E-01	3.79E-01	1.51E+00	-3.62E-01	-1.71E+00	2.19E+00	-8.33E-01	43.89	7.36E-01	1.51E+00
	-68.00	9.26E-06	4.76E-06	-4.48E-06	1.16E-04	-2.78E-05	-1.31E-04	6.51E-05	-5.11E-05			
21	360.67	-6.74E-01	-4.00E-01	-6.99E-01	7.14E-01	-2.04E-02	-7.90E-01	1.90E-01	-1.26E+00	50.43	-4.00E-01	-7.14E-01
	-88.00	-6.44E-06	4.11E-06	-7.41E-06	5.49E-05	-1.57E-06	-6.08E-05	2.68E-05	-2.91E-05			
22	409.33	3.90E-01	5.52E-01	1.40E-01	1.43E+00	-1.83E-02	-1.79E+00	1.90E+00	-9.50E-01	46.63	1.88E+00	-2.16E-01
	-68.00	3.12E-06	9.35E-06	-6.52E-06	1.10E-04	-1.40E-06	-1.38E-04	6.12E-05	-4.87E-05			
23	324.00	2.26E-01	3.83E-02	-1.49E-01	6.08E-01	-2.54E-01	-5.93E-01	7.47E-01	-4.83E-01	40.61	2.26E-01	6.08E-01
	-19.00	7.43E-06	2.08E-07	-7.00E-06	4.68E-05	-1.95E-05	-4.56E-05	2.75E-05	-1.98E-05			
24	372.00	1.52E-01	-6.72E-02	-2.56E-01	1.57E+00	-2.41E-01	-1.66E+00	1.62E+00	-1.53E+00	43.00	1.52E-01	1.57E+00

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	-9.33	7.73E-06	-7.65E-07	-7.97E-06	1.21E-04	-1.85E-05	-1.28E-04	6.41E-05	-5.70E-05				
25	401.25	4.54E-02	-3.44E-02	-3.12E-01	5.14E-01	-8.89E-02	-6.88E-01	5.21E-01	-5.10E-01	42.79	-4.38E-01	2.64E-01	
	-19.00	5.05E-06	1.58E-06	-8.68E-06	3.96E-05	-6.54E-06	-5.29E-05	2.34E-05	-1.63E-05				
26	427.67	7.83E-01	7.00E-01	3.46E-01	1.75E+00	-3.22E-01	-2.34E+00	2.53E+00	-9.61E-01	45.06	1.82E+00	1.41E+00	
	-9.33	9.02E-06	9.29E-06	-7.76E-06	1.34E-04	-2.47E-05	-1.80E-04	7.63E-05	-5.80E-05				
27	457.00	1.01E-01	2.26E-01	8.885E-02	1.29E+00	2.96E-03	-1.43E+00	1.45E+00	-1.13E+00	46.40	1.01E-01	1.29E+00	
	-303.00	-8.24E-07	4.09E-06	-1.26E-06	1.17E-04	2.69E-07	-1.30E-04	6.06E-05	-5.66E-05				
28	457.00	9.43E-02	1.75E-01	-9.88E-03	1.22E+00	-2.32E-02	-1.32E+00	1.35E+00	-1.08E+00	45.95	9.43E-02	1.22E+00	
	-213.00	9.22E-07	4.59E-06	-3.92E-06	1.11E-04	-2.11E-06	-1.20E-04	5.81E-05	-5.26E-05				
29	457.00	2.58E-01	1.60E-01	-1.75E-01	9.76E-01	-2.58E-03	-1.06E+00	1.19E+00	-7.66E-01	43.56	2.58E-01	9.76E-01	
	-138.00	4.60E-06	2.36E-06	-5.26E-06	4.44E-05	-1.17E-07	-4.81E-05	2.57E-05	-1.87E-05				
30	442.00	4.06E-01	9.41E-01	3.19E-01	1.71E+00	2.07E-02	-1.94E+00	2.41E+00	-1.06E+00	49.44	4.06E-01	1.71E+00	
	-68.00	-2.68E-06	1.79E-05	-6.04E-06	1.32E-04	1.59E-06	-1.49E-04	7.42E-05	-5.90E-05				
31	457.33	-2.00E+00	-8.65E-01	-1.34E+00	5.60E-01	8.80E-01	-1.01E+00	-6.21E-01	-2.24E+00	67.18	-8.65E-01	-5.80E-01	
	-88.00	-3.07E-05	1.29E-05	-5.38E-06	4.46E-05	6.77E-05	-7.76E-05	7.23E-05	-4.00E-05				
32	472.67	3.38E+00	2.99E+00	2.36E+00	1.47E+00	-5.70E-01	-2.43E+00	4.67E+00	1.71E+00	41.25	4.28E+00	9.95E-01	
	-68.00	3.40E-05	1.92E-05	-5.20E-06	1.13E-04	-4.38E-05	-1.87E-04	8.35E-05	-3.03E-05				
33	443.00	2.76E-01	2.42E-01	-1.20E-01	8.90E-01	-1.27E-01	-9.24E-01	1.15E+00	-6.31E-01	44.44	2.76E-01	8.90E-01	
	-19.50	6.26E-06	4.93E-06	-9.00E-06	6.85E-05	-9.75E-06	-7.11E-05	3.98E-05	-2.87E-05				
34	454.00	2.76E+00	2.20E+00	1.70E+00	2.24E+00	-6.73E-01	-2.96E+00	4.74E+00	2.21E-01	41.38	3.66E+00	1.93E+00	
	-11.33	3.31E-05	1.12E-05	-7.69E-06	1.72E-04	-5.17E-05	-2.28E-04	1.09E-04	-6.47E-05				
35	461.67	8.48E-01	1.16E+00	5.27E-01	2.12E+00	-1.77E-01	-3.08E+00	3.13E+00	-1.12E+00	47.09	8.48E-01	2.12E+00	
	-12.00	4.79E-06	1.67E-05	-7.56E-06	1.63E-04	-1.36E-05	-2.37E-04	9.25E-05	-7.11E-05				
36	469.00	-1.71E+00	-6.16E-01	-1.23E+00	1.94E-01	7.70E-01	-1.22E+00	-5.83E-01	-1.74E+00	80.23	-6.16E-01	-1.94E-01	
	-30.00	-2.67E-05	1.54E-05	-8.15E-06	1.49E-05	5.92E-05	-9.41E-05	1.66E-05	-2.80E-05				
37	476.33	1.45E+00	2.06E+00	1.11E+00	1.46E+00	-1.89E-01	-2.53E+00	3.25E+00	2.64E-01	50.90	2.05E+00	1.46E+00	
	-12.00	4.99E-06	2.84E-05	-8.02E-06	1.12E-04	-1.46E-05	-1.94E-04	7.41E-05	-4.06E-05				
38	558.50	-7.31E-02	3.25E-02	-5.33E-02	1.21E+00	3.57E-02	-1.39E+00	1.19E+00	-1.23E+00	46.25	-7.31E-02	1.21E+00	
	-303.00	-2.10E-06	2.70E-06	-1.20E-06	1.10E-04	3.24E-06	-1.26E-04	5.51E-05	-5.45E-05				
39	558.50	1.84E-02	2.23E-01	-2.45E-03	1.21E+00	6.93E-02	-1.35E+00	1.33E+00	-1.09E+00	47.42	1.84E-02	1.21E+00	
	-213.00	-2.26E-06	7.03E-06	-3.21E-06	1.10E-04	6.30E-06	-1.23E-04	5.74E-05	-5.26E-05				
40	506.17	-2.25E-02	5.82E-01	-1.02E-01	2.73E+00	9.72E-02	-2.87E+00	3.03E+00	-2.47E+00	48.16	-2.25E-02	2.73E+00	
	-128.00	-2.91E-06	1.08E-05	-4.71E-06	1.24E-04	4.42E-06	-1.31E-04	6.64E-05	-5.85E-05				
41	558.50	-8.92E-01	3.64E-01	-3.71E-01	1.16E+00	5.85E-01	-1.64E+00	1.06E+00	-1.58E+00	59.08	3.64E-01	-1.16E+00	
	-148.00	-1.54E-05	1.29E-05	-3.77E-06	5.29E-05	2.66E-05	-7.44E-05	2.88E-05	-3.12E-05				
42	610.83	1.07E-01	6.07E-01	1.71E-02	2.33E+00	4.54E-01	-2.25E+00	2.70E+00	-1.99E+00	48.06	2.67E+00	-3.71E-01	
	-128.00	-1.39E-06	9.95E-06	-3.45E-06	1.06E-04	2.06E-05	-1.02E-04	5.76E-05	-4.90E-05				
43	501.38	-2.86E-01	-5.10E-02	-3.64E-01	6.27E-01	1.95E-01	-8.17E-01	4.69E-01	-8.06E-01	50.32	-2.86E-01	6.27E-01	
	-78.00	-3.30E-06	5.75E-06	-6.30E-06	4.82E-05	1.50E-05	-6.29E-05	2.57E-05	-2.33E-05				
44	534.67	3.80E-01	5.23E-01	1.77E-01	1.98E+00	1.15E-01	-2.39E+00	2.43E+00	-1.53E+00	46.04	2.41E+00	-2.73E-01	
	-68.00	2.75E-06	8.25E-06	-5.07E-06	1.52E-04	8.85E-06	-1.84E-04	8.16E-05	-7.06E-05				
45	584.67	-3.69E-01	-8.07E-02	-3.49E-01	1.87E+00	4.40E-01	-1.83E+00	1.65E+00	-2.10E+00	47.21	-3.69E-01	1.87E+00	
	-68.00	-5.41E-06	5.66E-06	-4.64E-06	1.44E-04	3.39E-05	-1.41E-04	7.22E-05	-7.19E-05				
46	610.83	-1.94E+00	-3.83E-01	-1.02E+00	9.93E-01	9.08E-01	-1.43E+00	1.00E-01	-2.43E+00	64.08	-3.83E-01	-9.93E-01	
	-88.00	-3.80E-05	7.20E-05	-2.41E-06	7.64E-05	6.99E-05	-1.10E-04	4.06E-05	-5.66E-05				
47	482.63	-8.67E-02	1.30E-01	-3.21E-01	4.66E-01	2.27E-01	-5.26E-01	5.00E-01	-4.57E-01	51.56	-8.67E-02	4.66E-01	
	-21.00	-2.91E-07	8.06E-06	-9.29E-06	3.58E-05	1.75E-05	-7.12E-05	2.23E-05	-1.45E-05				
48	485.83	8.17E-01	1.27E+00	5.61E-01	1.36E+00	3.27E-02	-2.81E+00	2.42E+00	-3.37E-01	49.70	9.94E-01	1.38E+00	
	-12.00	2.35E-06	1.97E-05	-7.48E-06	1.05E-04	2.51E-06	-2.16E-04	6.40E-05	-4.20E-05				
49	507.88	-6.64E-02	-3.74E-02	-3.53E-01	5.06E-01	1.22E-01	-1.00E+00	4.54E-01	-5.58E-01	45.82	-6.64E-02	5.06E-01	
	-21.00	2.47E-06	3.59E-06	-8.57E-06	3.89E-05	9.40E-06	-7.70E-05	2.25E-05	-1.64E-05				
50	538.67	3.34E-01	3.43E-01	5.68E-02	1.78E+00	6.07E-01	-2.12E+00	2.12E+00	-1.44E+00	45.08	2.11E+00	-1.67E-01	
	-10.00	4.78E-06	5.14E-06	-5.88E-06	1.37E-04	4.67E-05	-1.63E-04	7.33E-05	-6.34E-05				
51	484.67	-5.65E+00	-3.92E+00	-4.23E+00	-1.41E-01	3.96E-01	-3.09E-01	-3.91E+00	-5.66E+00	-85.38	-3.92E+00	1.41E-01	
	8.00	-6.57E-05	8.37E-07	-1.09E-05	-1.08E-05	3.05E-05	-2.38E-05	1.27E-06	-6.62E-05				
52	507.00	1.29E+00	1.61E+00	8.27E-01	8.90E-01	2.74E-01	7.10E-01	2.35E+00	5.45E-01	50.06	2.14E+00	5.76E-01	
	6.00	8.68E-06	2.09E-05	-9.12E-06	6.84E-05	2.11E-05	5.48E-05	4.95E-05	-2.00E-05				
53	603.00	-1.73E-02	-2.14E-02	-1.30E-01	7.37E-01	2.82E-01	-7.18E-01	7.17E-01	-7.56E-01	44.92	-4.77E-01	5.77E-01	
	-18.00	1.19E-06	1.03E-06	-3.16E-06	5.67E-05	2.17E-05	-5.52E-05	2.94E-05	-2.72E-05				
54	712.00	-1.02E-01	1.02E-01	-1.77E-02	1.14E+00	9.43E-02	-1.21E+00	1.14E+00	-1.14E+00	47.56	-1.02E-01	1.14E+00	
	-303.00	-4.41E-06	4.87E-06	-5.72E-07	1.03E-04	8.57E-06	-1.10E-04	5.22E-05	-5.17E-05				
55	712.00	[illegible]37E-01	-3.23E-01	-4.10E-01	1.25E+00	2.96E-01	-1.18E+00	7.82E-01	-1.74E+00	48.57	-6.37E-01	1.25E+00	
	-213.00	[illegible]11E-05	3.11E-06	-8.61E-07	1.14E-04	2.69E-05	-[illegible]-04	5.33E-05	-6.14E-05				
56	712	[illegible]32E-01	-4.10E-01	-4.01E-01	9.45E-01	6.63E-01	[illegible]-01	3.43E-01	-1.59E+00	51.18	-8.32E-01	9.[illegible]	

	-138.[illegible]	[illegible].02E-05	-9.38E-07	-4.61E-07	4.30E-05	3.02E-05	[illegible]E-05	1.64E-05	-2.75E-05					
57	712.0[illegible]	[illegible].62E-01	-2.47E-02	-1.30E-01	5.99E-01	2.65E-01	[illegible]E-01	4.67E-01	-7.54E-01	50.61	-2.62E-01	5.99E[illegible]		
	-78.00	-5.51E-06	2.64E-06	-4.22E-07	4.61E-05	2.04E-05	-5.28E-05	2.26E-05	-2.44E-05					
58	712.00	-3.16E-01	-1.84E-01	-2.14E-01	9.15E-01	2.25E-01	-8.61E-01	5.68E-01	-1.07E+00	47.33	-3.16E-01	8.15E-01		
	-18.00	-4.32E-06	7.83E-07	-3.85E-07	6.27E-05	1.73E-05	-6.62E-05	2.97E-05	-3.32E-05					
59	837.00	-3.24E+00	-1.79E+00	-2.01E+00	9.56E-01	6.34E-01	-1.06E+00	-1.31E+00	-3.71E+00	63.57	-1.79E+00	-9.56E-01		
	-318.00	-5.58E-05	1.01E-05	.00E+00	8.69E-05	5.76E-05	-9.60E-05	3.17E-05	-7.74E-05					
60	887.00	-4.36E-01	-1.33E-02	-1.80E-01	2.57E+00	2.23E-01	-2.42E+00	2.35E+00	-2.80E+00	47.35	2.14E+00	-1.02E+00		
	-288.00	-1.16E-05	7.56E-06	.00E+00	2.33E-04	2.03E-05	-2.20E-04	1.15E-04	-1.19E-04					
61	987.00	5.98E-01	4.01E-01	3.96E-01	2.61E+00	-1.62E-01	-2.32E+00	3.11E+00	-2.12E+00	43.98	5.88E-01	2.61E+00		
	-288.00	8.74E-06	2.45E-07	.00E+00	2.38E-04	-1.47E-05	-2.11E-04	1.23E-04	-1.14E-04					
62	1037.00	-3.25E+00	-1.96E+00	-2.08E+00	1.92E+00	5.72E-01	-1.91E+00	-5.79E-01	-4.63E+00	54.25	-1.96E+00	-1.92E+00		
	-318.00	-5.29E-05	5.52E-06	.00E+00	1.75E-04	5.20E-05	-1.73E-04	6.84E-05	-1.16E-04					
63	862.00	-8.63E-02	-3.77E-02	-2.10E-02	1.30E+00	5.59E-02	-1.26E+00	1.24E+00	-1.37E+00	45.53	-8.63E-02	1.30E+00		
	-213.00	-2.04E-06	1.69E-07	9.30E-07	1.19E-04	5.08E-06	-1.14E-04	5.84E-05	-6.03E-05					
64	1012.00	1.47E-01	1.03E-01	1.29E-01	1.41E+00	-5.04E-02	-1.31E+00	1.53E+00	-1.28E+00	44.55	1.47E-01	1.41E+00		
	-213.00	1.76E-06	-2.51E-07	9.48E-07	1.28E-04	-4.58E-06	-1.19E-04	6.48E-05	-6.32E-05					
65	837.00	8.81E-02	-8.30E-02	8.20E-02	9.94E-01	-6.67E-02	-1.28E+00	1.00E+00	-9.95E-01	42.54	-8.30E-02	-9.94E-01		
	-148.00	1.55E-06	-2.34E-06	1.41E-06	4.52E-05	-3.03E-06	-5.81E-05	2.23E-05	-2.31E-05					
66	937.00	-1.57E-01	-3.18E-02	1.52E-02	1.76E+00	8.84E-02	-1.59E+00	1.66E+00	-1.85E+00	46.02	1.16E+00	-1.23E+00		
	-128.00	-2.66E-06	1.88E-07	1.26E-06	7.99E-05	4.02E-06	-7.23E-05	3.88E-05	-4.12E-05					
67	1037.00	-1.60E+00	-2.83E-01	-4.81E-01	1.68E+00	5.54E-01	-1.70E+00	8.60E-01	-2.74E+00	55.71	-2.83E-01	-1.68E+00		
	-148.00	-2.39E-05	5.95E-06	1.45E-06	7.62E-05	2.52E-05	-7.73E-05	3.19E-05	-4.99E-05					
68	837.00	-4.63E-01	-3.91E-01	-2.99E-01	1.91E+00	1.90E-01	-1.84E+00	1.49E+00	-2.34E+00	45.54	-4.63E-01	1.91E+00		
	-68.00	-5.13E-06	-2.38E-06	1.17E-06	1.47E-04	1.46E-05	-1.42E-04	6.98E-05	-7.73E-05					
69	937.00	-6.47E-01	3.09E-02	-1.78E-01	9.90E-01	2.35E-01	-9.17E-01	7.39E-01	-1.35E+00	54.45	3.09E-02	-9.90E-01		
	-88.00	-1.62E-05	9.91E-06	1.88E-06	7.62E-05	1.81E-05	-7.05E-05	3.71E-05	-4.34E-05					
70	1037.00	-9.25E-02	2.03E-01	1.06E-01	1.69E+00	-1.57E-02	-1.80E+00	1.75E+00	-1.64E+00	47.50	1.33E+00	-1.12E+00		
	-68.00	-5.93E-06	5.42E-06	1.70E-06	1.30E-04	-1.21E-06	-1.39E-04	6.50E-05	-6.55E-05					
71	862.00	-4.20E-01	-2.42E-01	-2.06E-01	7.98E-01	1.90E-01	-8.22E-01	4.72E-01	-1.13E+00	48.20	-4.20E-01	7.98E-01		
	-18.00	-6.63E-06	2.44E-07	1.62E-06	6.14E-05	1.46E-05	-6.33E-05	2.77E-05	-3.41E-05					
72	1012.00	6.20E-02	1.63E-01	1.64E-01	8.79E-01	-1.47E-02	-7.90E-01	9.93E-01	-7.68E-01	46.65	6.20E-02	8.79E-01		
	-18.00	-1.89E-06	2.01E-06	2.02E-06	6.76E-05	-1.13E-06	-6.08E-05	3.39E-05	-3.38E-05					
73	1387.00	1.63E-01	1.64E-01	1.41E-01	1.06E+00	-3.78E-03	-9.55E-01	1.23E+00	-9.01E-01	45.02	1.63E-01	1.06E+00		
	-303.00	1.33E-06	1.38E-06	3.30E-07	9.68E-05	-3.44E-07	-8.68E-05	4.97E-05	-4.70E-05					
74	1387.00	-3.46E-04	-5.48E-02	1.57E-02	1.12E+00	1.34E-02	-9.28E-01	1.09E+00	-1.15E+00	44.30	-3.46E-04	1.12E+00		
	-213.00	4.97E-07	-1.98E-06	1.23E-06	1.02E-04	1.22E-06	-8.44E-05	5.01E-05	-5.16E-05					
75	1387.00	-2.89E-02	3.81E-02	1.15E-01	8.21E-01	6.51E-02	-6.47E-01	8.27E-01	-8.18E-01	46.17	-2.89E-02	8.21E-01		
	-138.00	-1.31E-06	2.15E-07	1.96E-06	3.73E-05	2.96E-06	-2.94E-05	1.81E-05	-1.92E-05					
76	1187.00	-2.60E-01	-1.91E-01	-1.26E-01	1.30E+00	1.56E-01	-5.11E-01	1.07E+00	-1.53E+00	45.75	-2.60E-01	1.30E+00		
	-68.00	-3.64E-06	-1.02E-06	1.49E-06	1.00E-04	1.20E-05	-7.01E-05	4.77E-05	-5.23E-05					
77	1387.00	-3.27E-01	-2.44E-01	-1.20E-01	6.04E-01	1.25E-01	-5.38E-01	3.20E-01	-8.90E-01	46.97	-2.44E-01	-6.04E-01		
	-88.00	-4.98E-06	-1.79E-06	2.98E-06	4.64E-05	9.60E-06	-4.14E-05	1.99E-05	-2.67E-05					
78	1587.00	-1.62E-01	-1.15E-01	-1.59E-02	8.08E-01	2.57E-02	-4.80E-01	6.70E-01	-9.46E-01	45.84	1.94E-01	-7.36E-01		
	-68.00	-3.02E-06	-1.19E-06	2.61E-06	6.21E-05	1.98E-06	-3.69E-05	2.90E-05	-3.32E-05					
79	1237.00	-4.68E-01	-1.81E-01	-1.65E-01	6.76E-01	1.93E-01	-5.17E-01	3.66E-01	-1.02E+00	50.99	-4.68E-01	6.76E-01		
	-18.00	-9.06E-06	1.98E-06	2.61E-06	5.20E-05	1.48E-05	-3.97E-05	2.30E-05	-3.01E-05					
80	1433.80	-2.86E-01	-4.78E-02	-2.36E-02	7.98E-01	1.19E-01	-4.06E-01	6.40E-01	-9.73E-01	49.24	-2.86E-01	7.98E-01		
	-8.00	-7.06E-06	2.09E-06	3.02E-06	6.14E-05	9.14E-06	-3.12E-05	2.85E-05	-3.35E-05					
81	1533.80	-4.77E-01	-9.42E-02	-1.15E-01	4.43E-01	1.16E-01	-2.55E-01	1.96E-01	-7.66E-01	56.71	-9.42E-02	-4.43E-01		
	-28.00	-1.08E-05	3.92E-06	3.12E-06	3.40E-05	8.92E-06	-1.96E-05	1.51E-05	-2.20E-05					
82	1633.90	-5.41E-01	-1.96E-01	-1.88E-01	1.83E-01	5.09E-02	-8.68E-02	-1.18E-01	-6.20E-01	66.66	-1.19E-01	-2.39E-02		
	-8.00	-1.06E-05	2.62E-06	2.93E-06	1.41E-05	3.92E-06	-6.68E-06	5.65E-06	-1.37E-05					
83	1433.80	-1.91E+00	-8.14E-01	-9.53E-01	5.00E-01	5.19E-01	-2.79E-01	-6.20E-01	-2.10E+00	68.80	-8.14E-01	-5.00E-01		
	27.60	-3.30E-05	9.09E-06	3.74E-06	3.85E-05	3.99E-05	-2.15E-05	1.65E-05	-4.05E-05					
84	1296.10	-6.88E-01	-8.68E-02	-1.83E-01	5.38E-01	2.36E-01	-2.93E-01	2.29E-01	-1.00E+00	59.59	-4.19E-01	-6.16E-01		
	40.70	-1.59E-05	7.18E-06	3.49E-06	4.14E-05	1.62E-05	-2.25E-05	1.93E-05	-2.81E-05					
85	1148.60	-3.25E-01	1.44E-01	8.84E-03	7.67E-01	2.81E-01	-3.65E-01	7.11E-01	-8.92E-01	53.49	5.85E-01	4.32E-01		
	57.33	-1.06E-05	7.42E-06	2.23E-06	5.90E-05	2.16E-05	-2.81E-05	2.93E-05	-3.24E-05					
86	1131.40	-2.40E+00	-1.21E+00	-1.26E+00	2.60E-01	8.93E-01	-8.51E-02	-1.15E+00	-2.46E+00	78.23	-1.21E+00	-2.60E-01		
	112.00	-3.88E-05	7.12E-06	4.93E-06	2.00E-05	6.87E-05	-6.55E-06	9.21E-06	-4.09E-05					
87	1015.80	-6.73E-01	-2.59E-01	-2.81E-01	7.54E-01	2.89E-01	-1.07E+00	3.16E-01	-1.25E+00	52.67	-2.59E-01	-7.54E-01		
	34.47	-1.28E-05	3.36E-06	2.51E-06	5.80E-05	2.23E-05	-8.22E-05	2.55E-05	-3.47E-05					
88	886.60	-3.80E-01	-1.30E-01	-1.47E-01	6.36E-01	1.47E-01	-7.23E-01	3.94E-01	-9.03E-01	50.55	-3.80E-01	6.36E-01		

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	46.00	-7.39E-06	2.22E-06	1.57E-06	4.90E-05	1.13E-05	-5.56E-05	2.24E-05	-2.75E-05				
89	859.80	-1.62E+00	-7.41E-01	-8.73E-01	3.54E-01	4.31E-01	-3.80E-01	-6.17E-01	-1.75E+00	70.62	-7.41E-01	-3.54E-01	
	96.00	-2.60E-05	7.07E-06	2.02E-06	2.73E-05	3.32E-05	-2.02E-05	1.19E-05	-3.17E-05				
90	952.40	-3.20E-01	7.64E-01	2.45E-01	9.37E-01	2.77E-01	-6.84E-01	1.30E+00	-8.61E-01	60.01	1.07E+00	-6.68E-01	
	128.00	-1.99E-05	2.19E-05	1.84E-06	7.21E-05	2.13E-05	-5.27E-05	4.26E-05	-4.07E-05				
91	869.80	-4.68E-01	-1.92E-02	-1.44E-01	4.49E-01	2.59E-01	-2.46E-01	2.59E-01	-7.45E-01	58.27	-4.68E-01	4.49E-01	
	160.00	-1.11E-05	6.20E-06	1.39E-06	3.46E-05	1.99E-05	-1.89E-05	1.69E-05	-2.17E-05				
92	869.80	-2.25E+00	-7.80E-01	-1.08E+00	2.21E-01	8.68E-01	-2.67E-01	-7.47E-01	-2.28E+00	61.63	-7.80E-01	-2.21E-01	
	202.60	-4.14E-05	1.51E-05	3.67E-06	1.70E-05	6.67E-05	-2.06E-05	1.64E-05	-4.26E-05				
93	598.67	1.02E-01	-1.12E-02	-3.34E-02	1.28E+00	5.53E-01	-1.44E+00	1.33E+00	-1.24E+00	43.74	-1.12E-02	-1.28E+00	
	16.00	3.28E-06	-1.06E-06	-1.41E-06	9.88E-05	4.26E-05	-1.11E-04	5.06E-05	-4.83E-05				
94	645.75	-2.46E-01	-1.28E-01	-2.03E-01	8.21E-01	2.44E-01	-7.35E-01	6.36E-01	-1.01E+00	47.06	-2.46E-01	8.21E-01	
	24.00	-3.13E-06	1.42E-06	-1.46E-06	6.31E-05	1.88E-05	-5.65E-05	3.08E-05	-3.25E-05				
95	613.10	-2.56E-01	-3.67E-01	-3.34E-01	1.41E+00	1.82E-01	-4.57E-01	1.10E+00	-1.72E+00	43.87	-2.56E-01	1.41E+00	
	68.33	6.70E-07	-3.60E-06	-2.33E-06	1.08E-04	1.40E-05	-3.52E-05	5.27E-05	-5.56E-05				
96	708.45	-4.53E-01	-9.87E-02	-2.13E-01	6.52E-01	2.45E-01	-6.13E-01	4.00E-01	-9.51E-01	52.61	-5.07E-01	-6.35E-01	
	55.00	-9.02E-06	4.61E-06	2.00E-07	5.01E-05	1.88E-05	-4.72E-05	2.38E-05	-2.82E-05				
97	613.10	-1.23E+00	-6.00E-01	-7.18E-01	4.50E-01	6.01E-01	-3.47E-01	-3.66E-01	-1.47E+00	62.49	-6.00E-01	-4.50E-01	
	96.00	-1.93E-05	4.92E-06	3.86E-07	3.47E-05	4.62E-05	-2.67E-05	1.39E-05	-2.83E-05				
98	682.27	-4.36E-01	-1.10E-01	-2.06E-01	9.26E-01	1.84E-01	-7.24E-01	6.67E-01	-1.21E+00	50.00	5.49E-01	-4.57E-01	
	112.00	-8.52E-06	4.04E-06	3.47E-07	7.12E-05	1.41E-05	-5.57E-05	3.39E-05	-3.84E-05				
99	751.43	-1.46E+00	3.06E-01	-4.15E-01	9.97E-01	6.50E-01	-1.32E+00	7.55E-01	-1.91E+00	65.80	3.06E-01	-9.97E-01	
	96.00	-3.90E-05	2.91E-05	1.33E-06	7.67E-05	5.00E-05	-1.01E-04	4.63E-05	-5.63E-05				
100	683.25	-4.26E-01	-1.24E-01	-1.88E-01	3.34E-01	1.36E-01	-4.10E-01	9.12E-02	-6.42E-01	57.17	-4.26E-01	3.34E-01	
	152.00	-9.28E-06	3.34E-06	8.86E-07	2.57E-05	1.05E-05	-3.15E-05	1.16E-05	-1.66E-05				
101	648.67	-2.03E+00	-1.02E+00	-1.18E+00	2.34E-01	3.79E-01	-3.24E-01	-9.64E-01	-2.08E+00	77.59	-1.02E+00	-2.34E-01	
	192.00	-3.16E-05	7.36E-06	9.90E-07	1.80E-05	2.92E-05	-2.49E-05	9.34E-06	-3.35E-05				
102	728.25	-3.35E-01	1.45E-01	-2.34E-02	3.51E-01	9.23E-02	-2.68E-01	3.30E-01	-5.21E-01	62.16	-7.72E-02	-4.25E-01	
	232.70	-1.05E-05	7.91E-06	1.45E-06	2.70E-05	7.10E-06	-2.06E-05	1.51E-05	-1.77E-05				
103	635.50	-2.54E-01	-2.16E-01	-1.29E-01	3.54E-02	6.60E-02	-6.94E-02	-1.95E-01	-2.75E-01	59.18	-2.54E-01	3.54E-02	
	256.00	-3.19E-06	-1.72E-06	1.61E-06	2.73E-06	5.07E-06	-5.34E-06	-9.03E-07	-4.00E-06				
104	635.50	-7.92E-01	-5.22E-01	-4.42E-01	2.15E-03	2.23E-01	-2.03E-02	-5.21E-01	-7.92E-01	89.54	-5.22E-01	-2.15E-03	
	290.67	-1.12E-05	-7.72E-07	2.30E-06	1.66E-07	1.71E-05	-1.56E-06	-7.72E-07	-1.12E-05				
105	569.00	1.11E-01	-1.93E-02	-1.11E-01	1.35E+00	3.86E-01	-1.24E+00	1.40E+00	-1.31E+00	43.62	1.11E-01	1.35E+00	
	16.50	4.49E-06	-5.30E-07	-4.07E-06	1.04E-04	2.97E-05	-9.81E-05	5.40E-05	-5.00E-05				
106	508.50	2.34E+00	1.55E+00	1.36E+00	9.10E-01	8.69E-01	-3.93E-01	2.94E+00	9.54E-01	33.18	1.55E+00	-9.10E-01	
	13.00	3.24E-05	1.82E-06	-5.39E-06	7.00E-05	6.68E-05	-3.02E-05	5.53E-05	-2.11E-05				
107	521.00	6.52E-01	3.48E-01	1.37E-01	1.29E+00	3.26E-01	-7.10E-01	1.80E+00	-7.97E-01	41.63	6.52E-01	1.29E+00	
	15.75	1.26E-05	8.80E-07	-7.21E-06	9.91E-05	2.51E-05	-5.47E-05	5.66E-05	-4.31E-05				
108	526.25	5.51E-01	2.81E-01	1.02E-01	1.43E+00	2.72E-01	-7.33E-01	1.85E+00	-1.02E+00	42.31	5.51E-01	1.43E+00	
	21.00	1.09E-05	5.60E-07	-6.35E-06	1.10E-04	2.09E-05	-5.64E-05	6.09E-05	-4.94E-05				
109	515.50	1.43E+00	9.41E-01	8.10E-01	1.73E+00	5.67E-01	-3.99E-01	2.93E+00	-5.62E-01	40.99	9.41E-01	-1.73E+00	
	26.00	2.00E-05	1.26E-06	-3.79E-06	1.33E-04	4.36E-05	-3.07E-05	7.78E-05	-5.65E-05				
110	531.50	1.68E-01	1.35E-01	-4.34E-02	1.16E+00	1.85E-01	-6.16E-01	1.31E+00	-1.01E+00	44.58	1.68E-01	1.16E+00	
	34.50	3.63E-06	2.32E-06	-4.52E-06	8.94E-05	1.42E-05	-4.74E-05	4.77E-05	-4.18E-05				
111	515.50	-8.83E-01	-1.32E+00	-1.09E+00	3.37E+00	1.36E-01	-3.72E-01	2.28E+00	-4.48E+00	43.17	-8.83E-01	3.37E+00	
	44.00	2.05E-06	-1.46E-05	-5.48E-06	2.60E-04	1.04E-05	-2.86E-05	1.24E-04	-1.36E-04				
112	515.50	-4.89E-01	-3.06E-01	-4.19E-01	7.84E-01	2.75E-01	-3.19E-01	3.92E-01	-1.19E+00	48.32	-3.06E-01	-7.84E-01	
	53.33	-5.46E-06	1.56E-06	-2.77E-06	6.03E-05	2.12E-05	-2.45E-05	2.84E-05	-3.23E-05				
113	547.50	-5.79E-01	1.32E-01	-2.73E-01	1.25E+00	2.00E-01	-9.71E-01	1.08E+00	-1.52E+00	52.94	5.19E-01	-1.07E+00	
	64.00	-1.44E-05	1.30E-05	-2.61E-06	9.62E-05	1.54E-05	-7.47E-05	4.93E-05	-5.07E-05				
114	515.50	-1.09E+00	-1.21E+00	-1.01E+00	1.41E+00	8.72E-02	-5.02E-01	2.57E-01	-2.56E+00	43.79	-1.09E+00	1.41E+00	
	74.67	-5.53E-06	-1.01E-05	-2.57E-06	1.08E-04	6.71E-06	-3.86E-05	4.63E-05	-6.20E-05				
115	515.50	-2.23E+00	-1.41E+00	-1.53E+00	5.05E-01	2.50E-01	-2.95E-01	-1.17E+00	-2.47E+00	64.55	-1.41E+00	-5.05E-01	
	88.00	-2.90E-05	2.60E-06	-1.95E-06	3.89E-05	1.92E-05	-2.27E-05	1.18E-05	-3.82E-05				
116	547.50	-1.26E+00	-9.95E-02	-6.13E-01	1.55E+00	2.00E-01	-9.05E-01	9.76E-01	-2.34E+00	55.28	5.62E-01	-1.10E+00	
	104.00	-2.69E-05	1.79E-05	-1.84E-06	1.19E-04	1.53E-05	-6.98E-05	5.93E-05	-6.83E-05				
117	515.50	-4.66E-01	-4.17E-01	-3.64E-01	1.11E+00	1.52E-02	-6.41E-01	6.67E-01	-1.55E+00	45.64	-4.66E-01	1.11E+00	
	120.00	-4.23E-06	-2.33E-06	-2.89E-07	8.53E-05	1.17E-06	-4.93E-05	3.94E-05	-4.59E-05				
118	515.50	-1.66E+00	-1.03E+00	-1.06E+00	4.30E-01	8.59E-02	-2.51E-01	-8.09E-01	-1.86E+00	63.30	-1.03E+00	-4.30E-01	
	136.00	-2.26E-05	1.96E-06	-5.36E-08	3.31E-05	6.61E-06	-1.93E-05	1.03E-05	-3.09E-05				
119	547.50	[illegible]1.07E+00	-2.24E-01	-5.19E-01	1.07E+00	9.41E-02	[illegible]81E-01	5.02E-01	-1.80E+00	55.60	2.29E-01	-7.44E[illegible]	
	152.0[illegible]	[illegible].12E-05	1.13E-05	-5.04E-08	8.22E-05	7.24E-06	[illegible]F-05	3.92E-05	-4.92E-05				
120	51[illegible]	[illegible].98E-01	-3.32E-01	-2.74E-01	7.48E-01	-2.39E-02	[illegible]E-01	3.33E-01	-1.17E+00	48.03	-4.98E-01	7.	

	168.	[illegible].05E-06	-[illegible].42E-07	1.69E-06	5.75E-05	-1.84E-06	[illegible]-05	2.50E-05	-3.28E-05				
121	515.[illegible]	[illegible].00E+00	-1.24E+00	-1.31E+00	3.45E-01	1.35E-02	[illegible]-01	-1.16E+00	-2.21E+00	69.42	-1.29E+00	-3.45E[illegible]	
	184.00	-2.86E-05	1.75E-06	1.16E-06	2.64E-05	1.06E-06	-1.46E-05	6.74E-06	-3.36E-05				
122	547.50	-7.14E-01	3.26E-01	-1.12E-01	1.18E+00	3.49E-02	-7.15E-01	1.10E+00	-1.48E+00	56.98	8.30E-01	-7.95E-01	
	200.00	-2.21E-05	1.63E-05	1.09E-06	9.09E-05	2.69E-06	-5.50E-05	4.78E-05	-5.16E-05				
123	515.50	-3.05E-01	5.67E-01	4.73E-01	5.49E-01	-1.42E-01	-6.83E-01	1.00E+00	-1.29E-01	51.72	3.05E-01	5.49E-01	
	216.00	-3.07E-06	7.03E-06	3.43E-06	4.23E-05	-1.10E-05	-5.26E-05	2.37E-05	-1.97E-05				
124	515.50	-7.00E-01	-4.05E-01	-3.70E-01	1.53E-01	-3.03E-01	-1.25E-01	-3.40E-01	-7.65E-01	66.94	-4.05E-01	-1.53E-01	
	-232.00	-1.07E-05	6.17E-07	1.99E-06	1.18E-05	-2.33E-05	-9.60E-06	3.12E-06	-1.32E-05				
125	547.50	-4.87E-01	-3.33E-01	-2.60E-01	2.89E-01	-1.47E-01	-1.10E-01	-1.11E-01	-7.09E-01	52.48	-2.06E-01	-2.19E-01	
	248.00	-6.87E-06	-9.33E-07	1.87E-06	2.22E-05	-1.13E-05	-8.44E-06	7.60E-06	-1.54E-05				
126	515.50	4.25E-01	6.52E-01	5.93E-01	-2.15E-02	-1.89E-01	-6.00E-01	6.94E-01	4.24E-01	-85.43	4.25E-01	-2.15E-02	
	264.00	-2.44E-06	7.83E-06	4.01E-06	-1.65E-06	-1.45E-05	-4.61E-05	7.89E-06	-2.51E-06				
127	515.50	-4.67E-01	-2.87E-01	-2.40E-01	7.83E-02	-4.29E-01	-6.55E-02	-2.58E-01	-4.97E-01	69.48	-2.87E-01	-7.83E-02	
	276.00	-7.04E-06	-1.20E-07	1.70E-06	6.03E-06	-3.30E-05	-5.04E-06	1.01E-06	-8.17E-06				
128	531.50	1.04E-01	9.30E-02	1.85E-01	4.38E-02	-1.69E-01	-3.68E-02	1.43E-01	5.44E-02	41.42	1.04E-01	4.38E-02	
	297.00	-1.96E-07	-6.19E-07	2.91E-06	3.37E-06	-1.30E-05	-2.83E-06	1.29E-06	-2.10E-06				
129	515.50	8.70E-01	9.17E-01	8.55E-01	-1.34E-01	-1.86E-01	-4.49E-01	1.03E+00	7.58E-01	-49.96	8.70E-01	-1.34E-01	
	320.00	4.43E-06	6.23E-06	3.85E-06	-1.03E-05	-1.43E-05	-3.46E-05	1.05E-05	1.16E-07				
183	565.50	1.22E-02	4.63E-02	-1.80E-01	2.01E+00	5.07E-01	-1.64E+00	2.04E+00	-1.98E+00	45.26	1.22E-02	2.01E+00	
	-8.00	1.78E-06	3.17E-06	-5.60E-06	1.55E-04	3.90E-05	-1.26E-04	7.99E-05	-7.49E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .4100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1911E+02	-.1202E+03	.4270E+02	.2433E+02	.6173E+02	-.4065E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3005E+01	.1374E+01	.7020E+00	.1967E+02	-.1631E+02	-.1947E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2687E+01	-.4442E+00	.3208E+00	.3093E+02	-.3673E+02	-.3513E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.3731E+01	.8465E+00	.9151E-01	.4306E+02	-.5712E+02	-.5126E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.3976E+01	-.5686E+00	.8182E-01	.5534E+02	-.7731E+02	-.6871E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.5084E+00	-.4203E+00	.2661E+00	.7388E+02	-.9775E+02	-.8914E+02
25	.9580E+01	.1552E+01	.7015E-01	.9235E+02	-.1077E+03	-.1087E+03
26	-.5019E+01	-.5522E+00	.1905E-01	.9998E+02	-.1137E+03	-.1231E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.4701E+02	-.9102E+01	.1647E+01	.1022E+03	-.1556E+03	-.1345E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.5542E+03	.1455E+03	-.4446E+01	.1426E+03	-.4111E+03	-.2105E+03
40	.5605E+03	.8932E+02	.2696E+01	.1338E+03	-.4061E+03	-.1936E+03
41	.3438E+03	.4705E+02	.8235E+01	.1157E+03	-.3684E+03	-.1688E+03
42	.8260E+02	.4854E+01	.7152E+01	.1019E+03	-.2625E+03	-.1474E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.7964E+03	-.1020E+03	-.4497E+01	.1988E+02	-.4293E+03	.9812E+02
48	-.6865E+03	-.8862E+02	-.4900E+01	.5043E+02	-.3969E+03	.7126E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1275E+04	-.1950E+03	-.5941E+01	-.9538E+01	-.2926E+03	.3198E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.3233E+01	.7898E+01	-.4361E+00	.1130E+02	-.4235E+03	.9136E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.8739E+03	-.1331E+03	-.5923E+01	.6552E+01	-.2386E+03	.3031E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.4132E+03	-.9390E+02	-.7853E+01	.5693E+01	-.2270E+03	.2950E+03
66	-.2093E+03	-.3306E+02	-.9919E+01	.3683E+01	-.1966E+03	.3071E+03
67	.4180E+03	.6123E+02	-.9943E+01	.4728E+01	-.1661E+03	.3070E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.7452E+03	.1104E+03	-.8449E+01	.3780E+02	-.1433E+03	.2963E+03
76	-.7907E+02	-.1299E+02	-.5840E+01	.4884E+02	-.1095E+03	.2970E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3120E+03	.4608E+02	-.4283E+01	.5648E+02	-.6530E+02	.2880E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1307E+03	-.2008E+02	-.3121E+01	.7462E+02	-.3733E+02	.2782E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.1531E+03	.2726E+02	-.2757E+01	.61[illegible]2	.5980E+00	.2587E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1197E+03	-.1772E+02	-.2325E+01	.5623E+02	.2476E+02	.2372E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1370E+03	.2102E+02	-.2323E+01	.5527E+02	.5675E+02	.2128E+03
109	-.7379E+02	-.1128E+02	-.2073E+01	.5592E+02	.7952E+02	.1847E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1140E+03	.1805E+02	-.2053E+01	.3547E+02	.1037E+03	.1513E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.6155E+02	.1033E+02	-.5304E+00	.2218E+02	.1170E+03	.1177E+03
115	.1154E+02	.2905E+01	-.1311E+00	.1164E+02	.1188E+03	.8370E+02
116	.4100E+02	.7517E+01	.1003E+00	.2904E+01	.1261E+03	.5963E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4257E+02	.7842E+01	.5117E+00	.1259E+02	.1340E+03	.5601E+02
119	.2072E+02	.4497E+01	.7470E+00	-.1230E+02	.1241E+03	.2822E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.8373E+02	.1173E+02	.5036E+01	-.1475E+02	.1140E+03	.1214E+02
122	.7092E+02	.6870E+01	.9470E+01	.3502E+01	.1112E+03	.1597E+02
123	.5474E+02	.4900E+01	.8442E+01	.2412E+01	.9779E+02	.1458E+02
124	.4088E+02	.3450E+01	.5823E+01	.1655E+01	.8113E+02	.1346E+02
125	.2801E+02	.2025E+01	.4280E+01	.1024E+01	.6769E+02	.1239E+02
126	.1089E+02	-.7659E+00	.4004E+01	.2322E+00	.5790E+02	.1124E+02
127	-.1931E+01	-.2956E+01	.4126E+01	-.3152E+00	.5043E+02	.9740E+01
128	-.1556E+02	-.4900E+01	.4081E+01	-.1626E+01	.3472E+02	.6017E+01
129	-.1657E+02	-.4384E+01	.3590E+01	-.2239E+01	.2162E+02	.6421E+01
130	-.1194E+02	-.2772E+01	.2808E+01	-.2361E+01	.1158E+02	.5191E+01
131	-.3355E+01	-.5308E+00	.2066E+01	-.2088E+01	.5489E+01	.4314E+01
132	.3147E+00	.2284E+00	.1554E+01	-.1399E+01	.4934E+01	.3629E+01
133	.6125E+00	.1979E+00	.1398E+01	-.9739E+00	.4930E+01	.3001E+01
134	.1744E+00	.6427E-01	.1376E+01	-.7475E+00	.4036E+01	.2349E+01
135	.1412E-01	.1042E-01	.1543E+01	-.5711E+00	.2860E+01	.1733E+01
136	.2363E-03	.1157E-01	.2047E+01	-.4032E+00	.1867E+01	.1160E+01
137	-.2841E-01	-.8946E-02	.3175E+01	-.2978E+00	.8505E+00	.6368E+00
138	.7009E-02	.6056E-01	.4886E+02	-.2229E+00	-.2323E+00	.3256E+00
139	.4523E-01	.7333E-01	-.5132E+01	-.3302E-01	.1262E+00	-.1317E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.85864E-02	.47396E-04	-.85038E-02	.00000E+00
3	.15843E-01	.13732E-03	-.15881E-01	.00000E+00
4	.17326E-01	.12099E-03	-.17379E-01	.00000E+00
5	.18890E-01	.54455E-04	-.18897E-01	.00000E+00
6	.21651E-01	-.15928E-04	-.21660E-01	-.22570E-05
7	.19660E-01	.36388E-04	-.19870E-01	.00000E+00
8	.21720E-01	.47917E-05	-.21765E-01	-.79635E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.24645E-02	.14764E-04	-.85137E-02	.00000E+00
11	.16007E-01	.13787E-04	-.16129E-01	.00000E+00
12	.18051E-01	-.38258E-04	-.18174E-01	.00000E+00
13	.19654E-01	-.52247E-04	-.19658E-01	.00000E+00
14	.21870E-01	-.13406E-03	-.22033E-01	-.15475E-05
15	.20038E-01	-.17734E-03	-.20485E-01	.00000E+00
16	.22082E-01	-.25058E-03	-.22479E-01	-.29944E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.86119E-02	-.61581E-04	-.87363E-02	.00000E+00
19	.16308E-01	-.21623E-03	-.16714E-01	.00000E+00
20	.18592E-01	-.28482E-03	-.18929E-01	.00000E+00

21	.20210E-01	-.35466E-03	-.20504E-01	.00000E+00
22	.22389E-01	-.51790E-03	-.23105E-01	-.29341E-05
23	.20800E-01	-.45144E-03	-.21966E-01	.00000E+00
24	.22749E-01	-.56347E-03	-.23934E-01	.10689E-05
25	.23092E-01	-.52607E-03	-.24486E-01	-.23490E-05
26	.23146E-01	-.63449E-03	-.24018E-01	-.10135E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.88465E-02	-.13578E-03	-.88678E-02	.00000E+00
29	.17064E-01	-.44251E-03	-.17209E-01	.00000E+00
30	.19106E-01	-.62335E-03	-.19761E-01	.00000E+00
31	.20989E-01	-.64585E-03	-.22075E-01	.00000E+00
32	.23306E-01	-.75373E-03	-.25190E-01	.67356E-05
33	.21010E-01	-.61116E-03	-.21993E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.85036E-02	-.63747E-04	-.88353E-02	.00000E+00
36	.17376E-01	-.54386E-03	-.17282E-01	.00000E+00
37	.19421E-01	-.65954E-03	-.19562E-01	.00000E+00
38	.21737E-01	-.95557E-03	-.22822E-01	.00000E+00
39	.23518E-01	-.10595E-02	-.25789E-01	-.21190E-04
40	.23472E-01	-.86197E-03	-.25646E-01	-.14690E-04
41	.23428E-01	-.73496E-03	-.25516E-01	-.80269E-05
42	.23387E-01	-.69322E-03	-.25375E-01	.60992E-06
43	.19716E-01	-.64835E-03	-.18893E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.87879E-02	-.52717E-03	-.79298E-02	.00000E+00
46	.17923E-01	-.61134E-03	-.16328E-01	.00000E+00
47	.23540E-01	-.12007E-02	-.25836E-01	-.13490E-04
48	.23533E-01	-.11373E-02	-.25836E-01	-.23225E-04
49	.21738E-01	-.91798E-03	-.22597E-01	.00000E+00
50	.23792E-01	-.11523E-02	-.25956E-01	-.60465E-04
51	.22372E-01	-.83396E-03	-.21875E-01	.00000E+00
52	.24980E-01	-.11041E-02	-.24163E-01	.00000E+00
53	.23554E-01	-.12481E-02	-.25836E-01	.78726E-06
54	.19934E-01	-.73609E-03	-.17463E-01	.00000E+00
55	.22311E-01	-.68950E-03	-.19360E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.76910E-02	.67221E-03	-.56763E-02	.00000E+00
58	.16495E-01	.31272E-04	-.11040E-01	.00000E+00
59	.25725E-01	-.11693E-02	-.22670E-01	.00000E+00
60	.25195E-01	-.11076E-02	-.23430E-01	.00000E+00
61	.24022E-01	-.11587E-02	-.26030E-01	-.91164E-04
62	.19237E-01	-.50150E-03	-.13390E-01	.00000E+00
63	.21964E-01	-.83705E-03	-.16211E-01	.00000E+00
64	.25494E-01	-.11748E-02	-.24539E-01	.00000E+00
65	.24329E-01	-.11639E-02	-.26100E-01	-.11226E-03
66	.25083E-01	-.11761E-02	-.26239E-01	-.13494E-03
67	.25889E-01	-.11923E-02	-.26390E-01	-.12760E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.61705E-02	-.21818E-03	-.34739E-02	.00000E+00
70	.17661E-01	-.47952E-03	-.11245E-01	.00000E+00
71	.25535E-01	-.12359E-02	-.18774E-01	.00000E+00
72	.26254E-01	-.12405E-02	-.24577E-01	.00000E+00
73	.21721E-01	-.61629E-03	-.13016E-01	.00000E+00
74	.27847E-01	-.13387E-02	-.25814E-01	.00000E+00
75	.26568E-01	-.12056E-02	-.26526E-01	-.95765E-04
76	.27460E-01	-.12091E-02	-.26799E-01	-.65526E-04
77	.24734E-01	-.11535E-02	-.15654E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.75113E-02	.13178E-03	-.45593E-02	.00000E+00
80	.17195E-01	-.55685E-03	-.99904E-02	.00000E+00
81	.19008E-01	-.69699E-03	-.10966E-01	.00000E+00
82	.21152E-01	-.10319E-02	-.12669E-01	.00000E+00
83	.28445E-01	-.16998E-02	-.21004E-01	.00000E+00
84	.27277E-01	-.15239E-02	-.17158E-01	.00000E+00

	.25462E-01	-.12353E-02	-.27136E-01	.1784E-04
	.26891E-01	-.14740E-02	-.26717E-01	.00000E+00
	.25160E-01	-.11504E-02	-.14855E-01	.00000E+00
88	.29146E-01	-.14740E-02	-.24110E-01	.00000E+00
89	.30133E-01	-.13404E-02	-.27470E-01	-.41041E-04
90	.30116E-01	-.22074E-03	-.97656E-02	.00000E+00
91	.21375E-01	-.41571E-03	-.10410E-01	.00000E+00
92	.22642E-01	-.23748E-03	-.10930E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.89184E-02	.00000E+00	-.44271E-02	.00000E+00
95	.16232E-01	.00000E+00	-.77813E-02	.00000E+00
96	.16453E-01	.00000E+00	-.87814E-02	.00000E+00
97	.19292E-01	.00000E+00	-.88703E-02	.00000E+00
98	.19038E-01	.00000E+00	-.87148E-02	.00000E+00
99	.20544E-01	.21433E-04	-.93994E-02	.00000E+00
100	.24380E-01	-.45762E-03	-.12235E-01	.00000E+00
101	.28455E-01	-.10567E-02	-.17165E-01	.00000E+00
102	.30190E-01	-.12435E-02	-.27968E-01	-.37350E-04
103	.29776E-01	-.16586E-02	-.21404E-01	.00000E+00
104	.30784E-01	-.14398E-02	-.27817E-01	.00000E+00
105	.30922E-01	-.12866E-02	-.28412E-01	-.32985E-04
106	.30935E-01	-.19930E-02	-.23745E-01	.00000E+00
107	.32059E-01	-.14933E-02	-.28380E-01	.00000E+00
108	.31708E-01	-.13173E-02	-.28829E-01	-.31559E-04
109	.32409E-01	-.13401E-02	-.29204E-01	-.26482E-04
110	.32277E-01	-.15111E-02	-.25347E-01	.00000E+00
111	.33328E-01	-.13977E-02	-.29242E-01	.00000E+00
112	.33089E-01	-.13677E-02	-.29532E-01	-.23784E-04
113	.33115E-01	-.17144E-02	-.26951E-01	.00000E+00
114	.33461E-01	-.14070E-02	-.29820E-01	-.97920E-05
115	.33618E-01	-.14411E-02	-.30056E-01	-.30822E-05
116	.33618E-01	-.14900E-02	-.30248E-01	.27757E-05
117	.33524E-01	-.13792E-02	-.30052E-01	.00000E+00
118	.33563E-01	-.14346E-02	-.30334E-01	.65491E-05
119	.33369E-01	-.15225E-02	-.30455E-01	.12958E-04
120	.33857E-01	-.16162E-02	-.30393E-01	.00000E+00
121	.32944E-01	-.15530E-02	-.30571E-01	.23563E-04
122	.32896E-01	-.17492E-02	-.30623E-01	.28239E-04
123	.32824E-01	-.19314E-02	-.30669E-01	.31810E-04
124	.32743E-01	-.21364E-02	-.30714E-01	.35770E-04
125	.32636E-01	-.23572E-02	-.30762E-01	.40237E-04
126	.32431E-01	-.28001E-02	-.30841E-01	.44774E-04
127	.32217E-01	-.32518E-02	-.30919E-01	.44324E-04
128	.31927E-01	-.41299E-02	-.31078E-01	.33555E-04
129	.31586E-01	-.47110E-02	-.31224E-01	.18949E-04
130	.31486E-01	-.49794E-02	-.31384E-01	.25022E-05
131	.31615E-01	-.46498E-02	-.31627E-01	-.14068E-04
132	.31856E-01	-.38939E-02	-.31838E-01	-.18269E-04
133	.32066E-01	-.31080E-02	-.32022E-01	-.16001E-04
134	.32208E-01	-.24546E-02	-.32170E-01	-.13653E-04
135	.32310E-01	-.18653E-02	-.32288E-01	-.12981E-04
136	.32385E-01	-.12817E-02	-.32375E-01	-.13093E-04
137	.32429E-01	-.70330E-03	-.32425E-01	-.13073E-04
138	.32457E-01	-.10571E-03	-.32457E-01	-.13325E-04
139	.32457E-01	-.13138E-04	-.32457E-01	-.13158E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.65E-03	9.27E-03	4.22E-03	1.04E+00	-1.65E-03	-1.04E+00	1.04E+00	-1.04E+00	45.23	-7.65E-03	1.04E+00

	-303.00	-4.23E-07	3.45E-07	1.16E-07	9.46E-05	-1.50E-07	-9.48E-05	4.73E-05	-4.73E-05				
2	72.00	1.21E-02	1.97E-02	-7.64E-04	8.98E-01	-5.01E-03	-9.24E-01	9.14E-01	-8.83E-01	45.12	1.21E-02	8.98E-01	
	-213.00	1.44E-07	4.94E-07	-4.39E-07	8.17E-05	-4.55E-07	-8.40E-05	4.12E-05	-4.05E-05				
3	72.00	1.81E-01	1.96E-02	-6.50E-03	6.25E-01	-5.40E-02	-6.67E-01	7.30E-01	-5.30E-01	41.33	1.81E-01	6.25E-01	
	-138.00	3.03E-06	-5.70E-07	-1.16E-06	2.84E-05	-2.46E-06	-3.03E-05	1.56E-05	-1.31E-05				
4	24.00	5.31E-01	1.59E-01	1.95E-01	1.18E+00	-1.47E-01	-1.26E+00	1.54E+00	-8.50E-01	40.52	5.31E-01	1.18E+00	
	-68.00	1.07E-05	-3.63E-06	-2.21E-06	9.08E-05	-1.13E-05	-9.72E-05	4.95E-05	-4.24E-05				
5	72.00	-7.71E-02	3.55E-05	-9.27E-02	4.97E-01	3.18E-02	-5.44E-01	4.50E-01	-5.27E-01	47.26	3.55E-05	-4.87E-01	
	-88.00	-1.10E-06	1.07E-06	-1.70E-06	3.75E-05	2.44E-06	-4.19E-05	1.92E-05	-1.84E-05				
6	120.00	-1.85E-02	3.52E-03	-4.32E-02	1.03E+00	5.16E-02	-1.01E+00	1.02E+00	-1.03E+00	45.31	1.00E+00	-1.74E-01	
	-68.00	-7.95E-08	7.78E-07	-1.02E-06	7.90E-05	3.97E-06	-7.74E-05	3.59E-05	-3.92E-05				
7	36.25	3.12E-01	1.39E-01	1.15E-01	5.41E-01	-7.43E-02	-5.28E-01	7.73E-01	-3.23E-01	40.46	2.93E-01	5.44E-01	
	-19.00	8.78E-06	-8.75E-07	-1.80E-06	4.16E-05	-5.71E-06	-4.06E-05	2.35E-05	-1.86E-05				
8	108.00	-2.37E-02	-7.51E-02	-7.51E-02	4.59E-01	7.65E-03	-4.74E-01	4.10E-01	-5.09E-01	43.40	-2.37E-02	4.59E-01	
	-19.00	9.99E-07	-9.79E-07	-9.77E-07	3.53E-05	5.88E-07	-3.65E-05	1.77E-05	-1.77E-05				
9	216.00	1.35E-02	-3.47E-03	-2.17E-03	1.04E+00	-6.29E-03	-1.05E+00	1.05E+00	-1.04E+00	44.77	1.35E-02	1.04E+00	
	-303.00	5.12E-07	-2.60E-07	-2.01E-07	9.46E-05	-5.72E-07	-9.58E-05	4.74E-05	-4.72E-05				
10	216.00	5.44E-02	-5.62E-03	-2.28E-03	9.25E-01	-2.31E-02	-9.50E-01	9.50E-01	-9.01E-01	44.07	5.44E-02	9.25E-01	
	-213.00	1.87E-06	-8.59E-07	-7.07E-07	8.41E-05	-2.10E-06	-8.63E-05	4.26E-05	-4.16E-05				
11	216.00	1.78E-01	-7.12E-03	-9.72E-03	7.39E-01	-7.93E-02	-7.68E-01	8.30E-01	-6.59E-01	41.43	1.78E-01	7.39E-01	
	-138.00	3.20E-06	-1.01E-06	-1.05E-06	3.36E-05	-3.60E-06	-3.49E-05	1.80E-05	-1.58E-05				
12	168.00	2.33E-01	2.19E-02	7.54E-02	1.10E+00	-1.40E-01	-1.14E+00	1.23E+00	-9.80E-01	42.27	2.33E-01	1.10E+00	
	-68.00	5.33E-06	-2.78E-06	-7.28E-07	8.48E-05	-1.08E-05	-8.77E-05	4.39E-05	-4.13E-05				
13	216.00	-1.57E-01	-1.62E-02	-1.28E-01	4.19E-01	2.48E-02	-4.88E-01	3.38E-01	-5.11E-01	49.78	-1.62E-02	-4.19E-01	
	-88.00	-2.74E-06	2.69E-06	-1.61E-06	3.22E-05	1.91E-06	-3.76E-05	1.63E-05	-1.64E-05				
14	264.00	1.00E-01	2.09E-02	6.51E-04	9.93E-01	1.29E-02	-1.01E+00	1.05E+00	-9.33E-01	43.85	1.03E+00	-2.18E-01	
	-68.00	2.52E-06	-5.37E-07	-1.32E-06	7.64E-05	9.91E-07	-7.75E-05	3.92E-05	-3.72E-05				
15	180.00	1.81E-01	3.81E-02	3.64E-02	4.56E-01	-9.67E-02	-4.79E-01	5.70E-01	-3.52E-01	40.56	1.81E-01	4.56E-01	
	-19.00	4.14E-06	-1.34E-06	-1.40E-06	3.50E-05	-7.43E-06	-3.68E-05	1.91E-05	-1.63E-05				
16	252.00	6.24E-02	-7.85E-02	-7.32E-02	4.32E-01	-3.48E-02	-4.98E-01	4.30E-01	-4.46E-01	40.37	6.24E-02	4.32E-01	
	-19.00	3.38E-06	-2.04E-06	-1.83E-06	3.32E-05	-2.67E-06	-3.83E-05	1.75E-05	-1.62E-05				
17	361.00	3.49E-04	-4.14E-02	-1.95E-02	1.06E+00	-3.85E-03	-1.07E+00	1.04E+00	-1.08E+00	44.44	3.49E-04	1.06E+00	
	-303.00	8.03E-07	-1.10E-06	-1.01E-07	9.67E-05	-3.50E-07	-9.77E-05	4.82E-05	-4.85E-05				
18	361.00	7.13E-02	-5.38E-02	-5.88E-03	9.66E-01	-1.90E-02	-9.91E-01	9.77E-01	-9.60E-01	43.15	7.13E-02	9.66E-01	
	-213.00	3.09E-06	-2.60E-06	-4.19E-07	8.79E-05	-1.73E-06	-9.01E-05	4.43E-05	-4.38E-05				
19	361.00	2.14E-01	-5.49E-02	-1.02E-02	7.31E-01	-7.77E-02	-8.50E-01	8.23E-01	-6.64E-01	39.79	2.14E-01	7.31E-01	
	-138.00	4.08E-06	-2.03E-06	-1.01E-06	3.32E-05	-3.53E-06	-3.86E-05	1.79E-05	-1.55E-05				
20	312.00	4.12E-01	3.42E-02	1.38E-01	1.19E+00	-2.49E-01	-1.33E+00	1.43E+00	-9.85E-01	40.50	4.12E-01	1.19E+00	
	-68.00	9.43E-06	-5.11E-06	-1.11E-06	9.18E-05	-1.92E-05	-1.02E-04	4.87E-05	-4.43E-05				
21	360.67	-2.74E-01	-3.25E-02	-1.99E-01	5.06E-01	7.20E-02	-6.94E-01	3.67E-01	-6.73E-01	51.72	-3.25E-02	-5.06E-01	
	-88.00	-5.10E-06	4.20E-06	-1.82E-06	3.89E-05	5.54E-06	-5.34E-05	1.96E-05	-2.05E-05				
22	409.33	1.22E-01	1.45E-01	4.88E-02	1.17E+00	1.89E-03	-1.46E+00	1.30E+00	-1.04E+00	45.28	1.28E+00	-2.31E-01	
	-68.00	1.23E-06	2.11E-06	-1.60E-06	9.00E-05	1.45E-07	-1.12E-04	4.67E-05	-4.33E-05				
23	324.00	3.11E-01	6.21E-02	5.77E-02	4.38E-01	-1.74E-01	-4.92E-01	6.42E-01	-2.69E-01	37.07	3.11E-01	4.38E-01	
	-19.00	7.23E-06	-2.35E-06	-2.51E-06	3.37E-05	-1.34E-05	-3.79E-05	1.99E-05	-1.51E-05				
24	372.00	1.35E-01	-1.78E-01	-1.22E-01	1.31E+00	-1.62E-01	-1.43E+00	1.30E+00	-1.34E+00	41.60	1.35E-01	1.31E+00	
	-9.33	7.01E-06	-5.04E-06	-2.87E-06	1.01E-04	-1.25E-05	-1.10E-04	5.19E-05	-4.95E-05				
25	401.25	9.80E-02	6.98E-03	-7.84E-02	4.22E-01	-4.93E-02	-5.58E-01	4.77E-01	-3.72E-01	41.92	-3.05E-01	2.28E-01	
	-19.00	3.49E-06	-2.36E-08	-3.31E-06	3.24E-05	-3.79E-06	-4.29E-05	1.80E-05	-1.46E-05				
26	427.67	3.36E-01	2.44E-02	5.18E-02	1.44E+00	-2.21E-01	-1.99E+00	1.63E+00	-1.27E+00	41.92	1.16E+00	1.07E+00	
	-9.33	8.40E-06	-3.59E-06	-2.54E-06	1.11E-04	-1.70E-05	-1.53E-04	5.82E-05	-5.34E-05				
27	457.00	-6.72E-03	-4.47E-02	-1.98E-02	1.09E+00	3.60E-03	-1.08E+00	1.07E+00	-1.12E+00	44.50	-6.72E-03	1.09E+00	
	-303.00	6.30E-07	-1.11E-06	2.57E-08	9.94E-05	3.27E-07	-9.82E-05	4.95E-05	-4.99E-05				
28	457.00	6.94E-02	-1.15E-01	-1.84E-02	1.02E+00	-4.75E-03	-1.02E+00	9.59E-01	-1.04E+00	42.40	6.94E-02	1.02E+00	
	-213.00	3.39E-06	-4.41E-06	-1.09E-08	9.25E-05	-4.32E-07	-9.26E-05	4.62E-05	-4.66E-05				
29	457.00	4.28E-01	2.32E-02	1.09E-01	7.18E-01	4.06E-02	-8.58E-01	9.71E-01	-5.20E-01	37.12	4.28E-01	7.18E-01	
	-138.00	6.79E-06	-2.41E-06	-4.62E-07	3.26E-05	1.85E-06	-3.90E-05	1.91E-05	-1.46E-05				
30	442.00	-3.88E-02	-7.45E-02	-9.53E-02	1.25E+00	6.38E-02	-1.47E+00	1.19E+00	-1.30E+00	44.59	-3.88E-02	1.25E+00	
	-68.00	8.44E-07	-5.30E-07	-1.48E-06	9.60E-05	4.91E-06	-1.13E-04	4.92E-05	-4.78E-05				
31	457.33	-1.58E+00	-1.00E+00	-1.04E+00	4.86E-01	8.04E-01	-7.85E-01	-7.23E-01	-1.85E+00	60.30	-1.00E+00	-4.86E-01	
	-88.00	-2.09E-05	1.29E-06	-3.08E-07	3.74E-05	6.18E-05	-6.04E-05	1.20E-05	-3.15E-05				
32	472.67	[illegible]	9.94E-01	1.22E+00	1.14E+00	-4.86E-01	-1.[illegible]2E+00	2.81E+00	2.76E-01	32.20	2.70E+00	5.18E-01	
	-68.00	[illegible]31E-05	-9.09E-06	-2.98E-07	8.80E-05	-3.74E-05	[illegible]-04	6.08E-05	-3.68E-05				
33	443	[illegible]43E-01	4.44E-02	-7.28E-03	5.82E-01	-6.72E-02	[illegible]-01	7.33E-01	-4.47E-01	40.17	2.43E-01	5.8	

	-10.5	[illegible].26E-06	-1.37E-06	-3.3[illegible]E-06	4.47E-05	-5.17E-06	[illegible]-05	2.51E-05	-2.02E-05				
34	454.0[illegible]	1.5[illegible]E+00	7.34E-01	[illegible].40E-01	1.6[illegible]E+00	-5.42E-01	[illegible]E+00	2.88E+00	-5.77E-01	38.06	2.21E+00	1.36E[illegible]	
	-11.33	2.56E-0[illegible]	-6.23E-06	-2.17E-06	1.29E-04	-4.17E-05	-1.92E-04	7.41E-05	-5.67E-05				
35	461.67	-2.85E-01	-6.32E-01	-4.44E-01	1.61E+00	-1.27E-01	-2.56E+00	1.16E+00	-2.08E+00	41.92	-2.85E-01	1.61E+00	
	-12.00	4.01E-06	-9.36E-06	-2.13E-06	1.24E-04	-9.77E-06	-1.97E-04	5.96E-05	-6.49E-05				
36	469.00	-9.75E-01	-5.76E-01	-7.05E-01	1.61E-01	7.20E-01	-5.94E-01	-5.19E-01	-1.03E+00	70.53	-5.76E-01	-1.61E-01	
	-30.00	-1.27E-05	2.63E-06	-2.31E-06	1.24E-05	5.54E-05	-7.64E-05	4.82E-06	-1.49E-05				
37	476.33	9.86E-02	-6.31E-02	-6.87E-02	1.04E+00	-1.35E-01	-2.08E+00	1.06E+00	-1.03E+00	42.78	4.99E-01	9.27E-01	
	-12.00	4.16E-06	-2.06E-06	-2.28E-06	8.01E-05	-1.07E-05	-1.60E-04	4.12E-05	-3.91E-05				
38	558.50	-1.51E-01	-2.15E-01	-1.33E-01	1.06E+00	2.72E-02	-1.02E+00	8.83E-01	-1.25E+00	44.14	-1.51E-01	1.06E+00	
	-303.00	-3.68E-07	-3.28E-06	4.15E-07	9.68E-05	2.47E-06	-9.29E-05	4.66E-05	-5.03E-05				
39	558.50	4.20E-03	-9.50E-02	-2.42E-04	1.06E+00	5.23E-02	-1.02E+00	1.01E+00	-1.10E+00	43.66	4.20E-03	1.06E+00	
	-213.00	1.37E-06	-3.13E-06	1.17E-06	9.61E-05	4.75E-06	-9.28E-05	4.72E-05	-4.90E-05				
40	506.17	1.11E-01	-3.01E-01	-4.64E-02	2.36E+00	1.83E-01	-2.24E+00	2.27E+00	-2.46E+00	42.51	1.11E-01	2.36E+00	
	-128.00	3.76E-06	-5.60E-06	1.87E-07	1.07E-04	8.34E-06	-1.02E-04	5.29E-05	-5.48E-05				
41	558.50	-2.79E-01	-1.24E-01	4.24E-02	9.72E-01	5.64E-01	-1.39E+00	7.74E-01	-1.18E+00	47.28	-1.24E-01	-9.72E-01	
	-148.00	-4.45E-06	-9.25E-07	2.86E-06	4.42E-05	2.56E-05	-6.30E-05	1.95E-05	-2.49E-05				
42	610.83	1.42E-01	-1.90E-01	1.35E-01	2.11E+00	3.43E-01	-1.75E+00	2.09E+00	-2.14E+00	42.75	1.97E+00	-7.13E-01	
	-128.00	2.78E-06	-4.78E-06	2.61E-06	9.58E-05	1.56E-05	-7.96E-05	4.70E-05	-4.90E-05				
43	501.38	-1.54E-02	-1.82E-01	-1.02E-01	5.13E-01	2.08E-01	-6.15E-01	4.21E-01	-6.18E-01	40.40	-1.54E-02	5.13E-01	
	-78.00	2.69E-06	-3.71E-06	-6.29E-07	3.95E-05	1.60E-05	-4.73E-05	1.95E-05	-2.05E-05				
44	534.67	2.06E-01	-3.08E-01	1.53E-02	1.60E+00	1.11E-01	-2.08E+00	1.57E+00	-1.67E+00	40.45	1.48E+00	-5.31E-01	
	-68.00	8.87E-06	-1.09E-05	1.54E-06	1.23E-04	8.55E-06	-1.60E-04	6.14E-05	-6.35E-05				
45	584.67	-3.55E-01	-5.19E-01	-2.98E-01	1.74E+00	3.98E-01	-1.38E+00	1.30E+00	-2.18E+00	43.65	-3.55E-01	1.74E+00	
	-68.00	-7.78E-07	-7.07E-06	1.41E-06	1.34E-04	3.06E-05	-1.06E-04	6.30E-05	-7.09E-05				
46	610.93	-1.54E+00	-8.40E-01	-8.14E-01	9.46E-01	7.35E-01	-1.12E+00	-1.88E-01	-2.21E+00	55.43	-8.40E-01	-9.46E-01	
	-88.00	-2.47E-05	3.02E-06	4.04E-06	7.28E-05	5.65E-05	-8.59E-05	2.81E-05	-4.98E-05				
47	482.63	-1.97E-01	-3.27E-01	-3.32E-01	3.53E-01	2.14E-01	-7.14E-01	9.67E-02	-6.21E-01	39.75	-1.97E-01	3.53E-01	
	-21.00	1.85E-06	-3.38E-06	-3.38E-06	2.71E-05	1.65E-05	-5.49E-05	1.31E-05	-1.45E-05				
48	485.83	-6.95E-01	-1.12E+00	-7.92E-01	1.06E+00	2.49E-02	-2.31E+00	1.76E-01	-1.99E+00	39.30	-5.60E-01	1.03E+00	
	-12.00	1.95E-06	-1.45E-05	-1.77E-06	8.18E-05	1.91E-06	-1.78E-04	3.54E-05	-4.80E-05				
49	507.88	2.56E-02	-3.15E-01	-2.04E-01	3.98E-01	1.20E-01	-7.91E-01	2.88E-01	-5.78E-01	33.42	2.56E-02	3.98E-01	
	-21.00	6.41E-06	-6.69E-06	-2.43E-06	3.06E-05	9.26E-06	-6.08E-05	1.65E-05	-1.68E-05				
50	538.67	2.67E-01	-4.83E-01	-5.28E-02	1.44E+00	5.40E-01	-1.83E+00	1.38E+00	-1.59E+00	37.70	1.29E+00	-5.12E-01	
	-10.00	1.32E-05	-1.56E-05	9.22E-07	1.11E-04	4.15E-05	-1.41E-04	5.60E-05	-5.84E-05				
51	484.67	-5.69E+00	-3.99E+00	-4.04E+00	-8.99E-02	5.12E-01	-2.27E-01	-3.98E+00	-5.70E+00	-86.99	-3.99E+00	8.99E-02	
	8.00	-6.82E-05	-2.51E-06	-4.74E-06	-6.92E-06	3.94E-05	-1.75E-05	-2.33E-06	-6.84E-05				
52	507.00	1.75E+00	1.58E+00	1.39E+00	1.13E+00	2.50E-01	7.25E-01	3.00E+00	7.33E-01	47.86	2.79E+00	6.54E-01	
	9.00	1.12E-05	1.99E-05	-2.97E-06	8.68E-05	1.92E-05	5.58E-05	5.92E-05	-2.81E-05				
53	603.00	1.48E-01	-1.16E-01	1.38E-01	6.74E-01	2.59E-01	-5.60E-01	7.03E-01	-6.71E-01	39.46	-3.01E-01	6.09E-01	
	-18.00	3.83E-06	-6.32E-06	3.43E-06	5.18E-05	1.99E-05	-4.30E-05	2.52E-05	-2.77E-05				
54	712.00	-1.61E-01	-6.33E-02	-5.88E-02	1.05E+00	7.15E-02	-8.32E-01	9.40E-01	-1.16E+00	46.34	-1.61E-01	1.05E+00	
	-303.00	-3.66E-06	8.06E-07	1.01E-06	9.55E-05	6.50E-06	-7.56E-05	4.64E-05	-4.93E-05				
55	712.00	-5.79E-01	-4.83E-01	-3.18E-01	1.16E+00	2.38E-01	-8.39E-01	6.34E-01	-1.70E+00	46.19	-5.79E-01	1.16E+00	
	-213.00	-8.42E-06	-4.03E-06	3.48E-06	1.06E-04	2.17E-05	-7.63E-05	4.67E-05	-5.92E-05				
56	712.00	-5.48E-01	-4.78E-01	9.82E-04	9.36E-01	5.69E-01	-6.25E-01	4.24E-01	-1.45E+00	46.08	-5.48E-01	9.36E-01	
	-138.00	-7.08E-06	-5.48E-06	5.40E-06	4.25E-05	2.58E-05	-2.84E-05	1.50E-05	-2.76E-05				
57	712.00	-8.57E-02	-5.79E-02	1.60E-01	5.57E-01	2.35E-01	-4.99E-01	4.85E-01	-6.29E-01	45.72	-8.57E-02	5.57E-01	
	-78.00	-3.48E-06	-2.41E-06	5.98E-06	4.28E-05	1.81E-05	-3.84E-05	1.85E-05	-2.44E-05				
58	712.00	-1.82E-01	-3.26E-01	3.33E-02	7.47E-01	2.21E-01	-6.18E-01	4.97E-01	-1.01E+00	42.25	-1.82E-01	7.47E-01	
	-18.00	-1.79E-06	-7.32E-06	6.50E-06	5.75E-05	1.70E-05	-4.76E-05	2.43E-05	-3.34E-05				
59	837.00	-3.06E+00	-1.76E+00	-1.93E+00	8.91E-01	4.16E-01	-6.94E-01	-1.31E+00	-3.51E+00	62.98	-1.76E+00	-8.91E-01	
	-318.00	-5.13E-05	7.47E-06	.00E+00	9.10E-05	3.78E-05	-6.31E-05	2.81E-05	-7.19E-05				
60	887.00	-5.54E-01	-2.73E-01	-3.31E-01	2.38E+00	1.62E-01	-1.54E+00	1.97E+00	-2.80E+00	46.69	1.76E+00	-9.98E-01	
	-288.00	-1.01E-05	2.62E-06	.00E+00	2.17E-04	1.47E-05	-1.40E-04	1.05E-04	-1.12E-04				
61	987.00	4.41E-01	1.70E-01	2.44E-01	2.45E+00	-7.95E-02	-1.41E+00	2.76E+00	-2.15E+00	43.42	4.41E-01	2.45E+00	
	-288.00	8.94E-06	-3.38E-06	.00E+00	2.23E-04	-7.23E-06	-1.28E-04	1.14E-04	-1.09E-04				
62	1037.00	-3.18E+00	-2.01E+00	-2.07E+00	1.83E+00	3.34E-01	-1.11E+00	-6.76E-01	-4.51E+00	53.85	-2.01E+00	-1.[illegible]E+00	
	-318.00	-5.01E-05	2.93E-06	.00E+00	1.66E-04	3.04E-05	-1.01E-04	6.36E-05	-1.11E-04				
63	862.00	-8.68E-02	-1.71E-01	4.50E-02	1.19E+00	2.03E-02	-8.03E-01	1.06E+00	-1.32E+00	43.98	-8.66E-02	1.19E+00	
	-213.00	-1.19E-06	-5.01E-06	4.81E-06	1.08E-04	1.85E-06	-7.30E-05	5.10E-05	-5.72E-05				
64	1012.00	1.70E-01	-1.06E-02	2.10E-01	1.30E+00	-4.61E-02	-8.04E-01	1.39E+00	-1.23E+00	43.02	1.70E-01	1.30E+00	
	-213.00	2.92E-06	-5.29E-06	4.76E-06	1.19E-04	-4.19E-06	-7.31E-05	5.82E-05	-6.06E-05				
65	837.00	3.49E-01	-2.64E-01	4.44E-01	8.59E-01	9.17E-02	-8.49E-01	9.54E-01	-8.70E-01	35.19	-2.64E-01	-8.59E-01	

	-148.00	5.05E-06	-8.[illegible]E-06	7.57E-06	3.90E-05	3.90E-06	-3.96E-05	1.96E-05	-2.26E-05				
66	937.00	-3.05E-02	-2.60E-01	3.[illegible]E-01	1.5[illegible]E+00	2.71E-02	-1.01E+00	1.45E+00	-1.74E+00	42.94	8.70E-01	-1.23E+00	
	-128.00	-7.66E-07	-5.59E-06	6.85E-06	7.24E-05	1.23E-06	-4.61E-05	3.29E-05	-3.97E-05				
67	1037.00	-1.29E+00	-6.35E-01	-1.80E-01	1.50E+00	3.53E-01	-1.16E+00	5.70E-01	-2.50E+00	51.18	-6.35E-01	-1.50E+00	
	-148.00	-1.93E-05	-3.38E-06	6.95E-06	6.81E-05	1.63E-05	-5.29E-05	2.40E-05	-4.57E-05				
68	837.00	-4.44E-01	-7.43E-01	-2.20E-01	1.74E+00	1.86E-01	-1.13E+00	1.15E+00	-2.34E+00	42.55	-4.44E-01	1.74E+00	
	-68.00	-1.62E-06	-1.31E-05	6.99E-06	1.34E-04	1.43E-05	-8.72E-05	5.98E-05	-7.45E-05				
69	937.00	-2.74E-01	5.37E-02	2.24E-01	8.61E-01	1.87E-01	-6.57E-01	7.67E-01	-9.87E-01	50.38	5.37E-02	-8.61E-01	
	-88.00	-1.06E-05	2.02E-06	8.58E-06	6.63E-05	1.44E-05	-5.05E-05	2.94E-05	-3.80E-05				
70	1037.00	-4.03E-01	-1.60E-01	-1.03E-01	1.48E+00	-7.07E-02	-1.17E+00	1.00E+00	-1.96E+00	43.49	4.83E-01	-1.13E+00	
	-68.00	-3.79E-06	-9.82E-06	7.76E-06	1.14E-04	-5.44E-06	-9.03E-05	5.02E-05	-6.39E-05				
71	862.00	-2.24E-01	-3.39E-01	9.45E-02	7.26E-01	1.59E-01	-5.49E-01	4.47E-01	-1.01E+00	42.75	-2.24E-01	7.26E-01	
	-18.00	-3.49E-06	-7.88E-06	8.79E-06	5.58E-05	1.23E-05	-4.22E-05	2.23E-05	-3.37E-05				
72	1012.00	1.40E-01	6.58E-03	3.88E-01	7.43E-01	-6.78E-02	-5.10E-01	8.19E-01	-6.72E-01	42.43	1.40E-01	7.43E-01	
	-18.00	-4.75E-07	-5.62E-06	9.03E-06	5.71E-05	-5.21E-06	-3.92E-05	2.56E-05	-3.17E-05				
73	1387.00	1.69E-01	1.59E-01	1.72E-01	1.00E+00	-1.36E-02	-5.49E-01	1.17E+00	-8.39E-01	44.86	1.69E-01	1.00E+00	
	-303.00	1.17E-06	7.32E-07	1.34E-06	9.12E-05	-1.23E-06	-4.99E-05	4.65E-05	-4.46E-05				
74	1387.00	3.93E-02	-5.30E-02	1.23E-01	1.04E+00	-2.43E-02	-5.36E-01	1.04E+00	-1.05E+00	43.73	3.93E-02	1.04E+00	
	-213.00	3.70E-07	-3.83E-06	4.16E-06	9.48E-05	-2.21E-06	-4.87E-05	4.57E-05	-4.92E-05				
75	1387.00	6.25E-02	6.68E-02	3.83E-01	7.62E-01	-5.18E-02	-3.57E-01	8.27E-01	-6.98E-01	45.08	6.25E-02	7.62E-01	
	-138.00	-1.27E-06	-1.17E-06	6.01E-06	3.47E-05	-2.35E-06	-1.62E-05	1.61E-05	-1.85E-05				
76	1187.00	-8.50E-02	-7.91E-02	1.81E-01	1.20E+00	3.77E-02	-4.70E-01	1.12E+00	-1.25E+00	45.07	-8.50E-02	1.20E+00	
	-68.00	-3.46E-06	-3.23E-06	6.78E-06	9.27E-05	2.90E-06	-3.62E-05	4.30E-05	-4.97E-05				
77	1387.00	-2.85E-01	-3.08E-01	1.66E-02	5.75E-01	2.53E-02	-3.20E-01	2.79E-01	-8.72E-01	44.42	-3.08E-01	-5.75E-01	
	-88.00	-4.62E-06	-5.52E-06	6.97E-06	4.43E-05	1.95E-06	-2.46E-05	1.71E-05	-2.72E-05				
78	1587.00	-8.85E-02	-1.13E-01	1.41E-01	7.34E-01	-4.08E-02	-2.56E-01	6.33E-01	-8.34E-01	44.53	1.70E-01	-6.82E-01	
	-68.00	-2.74E-06	-3.68E-06	6.09E-06	5.64E-05	-3.14E-06	-1.97E-05	2.50E-05	-3.14E-05				
79	1237.00	-3.45E-01	-2.07E-01	7.42E-02	6.04E-01	5.38E-02	-2.99E-01	3.32E-01	-8.84E-01	48.28	-3.45E-01	6.04E-01	
	-18.00	-8.04E-06	-2.70E-06	8.11E-06	4.65E-05	4.14E-06	-2.30E-05	1.80E-05	-2.88E-05				
80	1433.80	-2.16E-01	-1.27E-01	1.26E-01	6.79E-01	-2.96E-04	-1.98E-01	5.09E-01	-8.52E-01	46.88	-2.16E-01	6.79E-01	
	-8.00	-5.92E-06	-2.49E-06	7.22E-06	5.22E-05	-2.28E-08	-1.52E-05	2.20E-05	-3.04E-05				
81	1533.80	-3.61E-01	-8.97E-02	6.69E-02	4.05E-01	1.11E-02	-1.53E-01	2.02E-01	-6.52E-01	54.25	-8.97E-02	-4.05E-01	
	-28.00	-9.66E-06	7.65E-07	6.79E-06	3.11E-05	8.54E-07	-1.18E-05	1.20E-05	-2.09E-05				
82	1633.80	-3.86E-01	-1.31E-01	2.54E-02	1.59E-01	-2.71E-02	-4.14E-02	-5.43E-02	-4.62E-01	64.31	-5.75E-02	-3.60E-02	
	-8.00	-9.43E-06	3.61E-07	6.37E-06	1.23E-05	-2.08E-06	-3.18E-06	3.31E-06	-1.24E-05				
83	1433.80	-1.49E+00	-6.89E-01	-5.87E-01	4.57E-01	2.28E-01	-1.45E-01	-4.81E-01	-1.69E+00	65.52	-6.89E-01	-4.57E-01	
	27.60	-2.68E-05	3.83E-06	7.77E-06	3.52E-05	1.75E-05	-1.11E-05	1.18E-05	-3.48E-05				
84	1296.10	-5.18E-01	-1.12E-01	6.50E-02	4.54E-01	8.44E-02	-1.61E-01	1.82E-01	-8.12E-01	57.06	-3.84E-01	-4.93E-01	
	40.70	-1.37E-05	1.91E-06	8.71E-06	3.49E-05	6.49E-06	-1.24E-05	1.32E-05	-2.50E-05				
85	1148.60	-1.90E-01	1.33E-01	3.04E-01	6.11E-01	1.06E-01	-1.98E-01	6.04E-01	-6.61E-01	52.41	5.17E-01	3.20E-01	
	57.33	-1.00E-05	2.41E-06	8.97E-06	4.70E-05	8.12E-06	-1.52E-05	2.05E-05	-2.81E-05				
86	1133.40	-1.91E+00	-8.83E-01	-7.28E-01	3.10E-01	5.27E-01	4.29E-03	-7.97E-01	-2.00E+00	74.46	-8.83E-01	-3.10E-01	
	112.00	-3.49E-05	4.76E-06	1.07E-05	2.39E-05	4.06E-05	3.30E-07	8.08E-06	-3.82E-05				
87	1019.80	-5.95E-01	-6.07E-01	-1.13E-01	6.77E-01	2.07E-01	-7.62E-01	7.62E-02	-1.28E+00	44.75	-6.07E-01	-6.77E-01	
	34.67	-8.43E-06	-8.90E-06	1.01E-05	5.21E-05	1.59E-05	-5.86E-05	1.74E-05	-3.47E-05				
88	886.60	-2.37E-01	-2.76E-01	1.37E-01	5.76E-01	1.09E-01	-5.04E-01	3.20E-01	-8.33E-01	44.02	-2.37E-01	5.76E-01	
	46.00	-4.98E-06	-6.50E-06	9.42E-06	4.43E-05	8.39E-06	-3.88E-05	1.64E-05	-2.79E-05				
89	869.00	-8.90E-01	-3.57E-01	-7.11E-02	3.86E-01	4.73E-01	-8.56E-02	-1.52E-01	-1.08E+00	62.05	-3.57E-01	-3.86E-01	
	96.00	-1.95E-05	6.49E-07	1.16E-05	2.97E-05	3.64E-05	-6.58E-06	8.53E-06	-2.74E-05				
90	952.60	-2.08E-01	3.93E-01	4.61E-01	7.23E-01	1.95E-01	-5.56E-01	8.76E-01	-6.91E-01	56.28	6.41E-01	-5.59E-01	
	128.00	-1.51E-05	8.02E-06	1.06E-05	5.56E-05	1.50E-05	-4.28E-05	2.66E-05	-3.37E-05				
91	869.80	-2.66E-01	-5.29E-02	2.23E-01	3.73E-01	2.19E-01	-9.54E-02	2.29E-01	-5.47E-01	52.97	-2.66E-01	3.73E-01	
	160.00	-9.18E-06	-9.77E-07	9.62E-06	2.87E-05	1.69E-05	-7.34E-06	9.85E-06	-2.00E-05				
92	869.80	-1.56E+00	-5.72E-01	-3.79E-01	3.31E-01	9.45E-01	-2.35E-01	-4.73E-01	-1.68E+00	73.35	-5.72E-01	-3.31E-01	
	203.60	-3.29E-05	5.82E-06	1.32E-05	2.55E-05	7.27E-05	-1.81E-05	9.63E-06	-3.67E-05				
93	598.67	3.22E-01	-2.49E-01	2.15E-01	1.14E+00	7.09E-01	-1.22E+00	1.21E+00	-1.14E+00	37.97	-2.49E-01	-1.14E+00	
	16.00	9.22E-06	-1.27E-05	5.10E-06	8.77E-05	5.45E-05	-9.36E-05	4.34E-05	-4.70E-05				
94	645.75	-7.47E-02	-2.62E-01	5.60E-02	7.45E-01	2.58E-01	-5.76E-01	5.83E-01	-9.20E-01	41.42	-7.47E-02	7.45E-01	
	24.00	2.10E-07	-6.99E-06	5.24E-06	5.73E-05	1.98E-05	-4.43E-05	2.55E-05	-3.23E-05				
95	613.10	1.04E-02	-2.41E-01	2.83E-02	1.37E+00	2.93E-01	-1.17E-02	1.26E+00	-1.49E+00	42.37	1.04E-02	1.37E+00	
	65.33	2.63E-06	-7.06E-06	3.32E-06	1.05E-04	2.25E-05	-9.03E-07	5.06E-05	-5.51E-05				
96	708.45	-1.80E-01	-1.70E-01	1.34E-01	6.02E-01	2.73E-01	-4.17E-01	4.28E-01	-7.77E-01	45.24	-5.18E-01	-4.95E-01	
	55.0[illegible]	[illegible].54E-06	-4.15E-06	7.51E-06	4.63E-05	2.10E-05	[illegible]E-05	1.88E-05	-2.75E-05				
97	61[illegible]	[illegible].93E-01	-8.69E-02	1.06E-01	5.11E-01	1.04E+00	[illegible]E-01	2.92E-01	-7.74E-01	53.29	-8.89E-02	-5.[illegible]	

	56.[illegible]	[illegible].10E-05	7.12E-07	8.21E-06	3.93E-05	8.03E-05	[illegible]E-05	1.54E-05	-2.56E-05				
98	692.2[illegible]	[illegible].52E-01	-2.5[illegible]E-01	6.5[illegible]E-02	9.11E-01	3.06E-01	[illegible]E-01	6.57E-01	-1.16E+00	44.96	4.53E-01	-5.75E-[illegible]	
	112.00	-4.96E-06	-4.99E-06	7.39E-06	7.00E-05	2.35E-05	-3.10E-05	3.01E-05	-3.99E-05				
99	751.43	-1.17E+00	-3.49E-01	-2.47E-01	9.52E-01	6.77E-01	-1.03E+00	1.86E-01	-1.71E+00	57.88	-3.49E-01	-8.52E-01	
	96.00	-2.54E-05	6.00E-06	9.90E-06	6.55E-05	5.21E-05	-7.91E-05	2.66E-05	-4.62E-05				
100	683.25	-1.78E-01	-1.44E-01	1.67E-01	3.07E-01	2.40E-01	-3.62E-01	1.47E-01	-4.68E-01	46.59	-1.78E-01	3.07E-01	
	152.00	-5.14E-06	-3.83E-06	8.13E-06	2.36E-05	1.85E-05	-2.78E-05	7.33E-06	-1.63E-05				
101	648.67	-1.07E+00	-4.32E-01	-1.95E-01	2.42E-01	7.81E-01	-1.93E-01	-3.50E-01	-1.15E+00	71.32	-4.32E-01	-2.42E-01	
	192.00	-2.24E-05	1.99E-06	1.11E-05	1.96E-05	6.01E-05	-1.49E-05	5.14E-06	-2.55E-05				
102	725.25	-2.14E-01	5.99E-02	2.44E-01	2.65E-01	2.05E-01	-3.04E-01	2.21E-01	-3.75E-01	58.67	-1.01E-01	-2.97E-01	
	232.70	-9.31E-06	1.31E-06	8.40E-06	2.04E-05	1.58E-05	-2.34E-05	7.51E-06	-1.54E-05				
103	638.50	-1.91E-01	-2.95E-01	3.97E-02	2.23E-02	1.56E-01	2.10E-01	-1.86E-01	-3.00E-01	11.56	-1.91E-01	2.23E-02	
	256.00	-2.43E-06	-6.45E-06	6.43E-06	1.72E-06	1.20E-05	1.61E-05	-2.26E-06	-6.63E-06				
104	635.50	-4.35E-01	-3.08E-01	5.41E-02	1.78E-02	6.20E-01	-4.41E-02	-3.06E-01	-4.42E-01	62.39	-3.08E-01	-1.78E-02	
	290.67	-9.28E-06	-4.23E-06	9.70E-06	1.37E-06	4.77E-05	-3.39E-06	-4.14E-06	-9.37E-06				
105	569.00	3.18E-01	-2.83E-01	9.75E-02	1.13E+00	3.38E-01	-1.04E+00	1.19E+00	-1.15E+00	37.54	3.18E-01	1.13E+00	
	16.50	1.08E-05	-1.23E-05	2.29E-06	9.69E-05	2.60E-05	-7.99E-05	4.41E-05	-4.57E-05				
106	508.50	3.44E+00	2.23E+00	2.33E+00	1.02E+00	9.24E-01	-2.92E-01	4.03E+00	1.65E+00	29.71	2.23E+00	-1.02E+00	
	13.00	4.45E-05	-2.11E-06	1.61E-06	7.88E-05	7.11E-05	-2.24E-05	6.69E-05	-2.46E-05				
107	521.00	8.03E-01	1.89E-01	3.62E-01	1.21E+00	2.98E-01	-5.73E-01	1.74E+00	-7.48E-01	37.86	8.03E-01	1.21E+00	
	15.75	1.60E-05	-7.60E-06	-9.63E-07	9.27E-05	2.29E-05	-4.41E-05	5.20E-05	-4.36E-05				
108	526.25	6.91E-01	1.45E-01	3.29E-01	1.32E+00	2.48E-01	-5.94E-01	1.77E+00	-9.30E-01	39.16	6.91E-01	1.32E+00	
	21.00	1.38E-05	-7.23E-06	-1.40E-07	1.02E-04	1.91E-05	-4.57E-05	5.51E-05	-4.86E-05				
109	515.50	2.23E+00	1.43E+00	1.58E+00	1.71E+00	6.54E-01	-2.95E-01	3.59E+00	6.78E-02	38.40	1.43E+00	-1.71E+00	
	26.00	2.82E-05	-2.70E-06	3.25E-06	1.32E-04	5.03E-05	-2.27E-05	8.05E-05	-5.49E-05				
110	531.50	3.11E-01	3.81E-02	1.95E-01	1.06E+00	1.68E-01	-5.07E-01	1.24E+00	-8.94E-01	41.33	3.11E-01	1.06E+00	
	34.50	5.98E-06	-4.52E-06	1.53E-06	8.15E-05	1.29E-05	-3.90E-05	4.18E-05	-4.04E-05				
111	515.50	-5.48E-01	-1.09E+00	-6.51E-01	3.29E+00	1.32E-01	2.10E-01	2.49E+00	-4.12E+00	42.66	-5.48E-01	3.29E+00	
	44.00	4.04E-06	-1.67E-05	8.10E-08	2.53E-04	1.02E-05	1.62E-05	1.21E-04	-1.33E-04				
112	515.50	2.37E-01	1.44E-01	2.96E-01	7.42E-01	3.94E-01	-2.39E-01	9.34E-01	-5.53E-01	43.22	1.44E-01	-7.42E-01	
	53.33	1.66E-06	-1.88E-06	3.94E-06	5.71E-05	3.03E-05	-1.84E-05	2.85E-05	-2.87E-05				
113	547.50	-5.42E-01	-2.85E-01	-1.96E-01	1.06E+00	2.20E-01	-1.24E+00	6.52E-01	-1.48E+00	48.47	5.09E-02	-9.59E-01	
	64.00	-9.61E-06	2.78E-07	3.71E-06	8.14E-05	1.69E-05	-9.52E-05	3.63E-05	-4.57E-05				
114	515.50	-8.41E-01	-1.16E+00	-7.06E-01	1.40E+00	6.97E-02	-1.86E-01	4.09E-01	-2.41E+00	41.77	-8.41E-01	1.40E+00	
	74.67	-2.62E-06	-1.48E-05	2.57E-06	1.08E-04	5.36E-06	-1.43E-05	4.54E-05	-6.29E-05				
115	515.50	-1.30E+00	-8.39E-01	-7.05E-01	4.81E-01	3.21E-01	-2.27E-01	-5.37E-01	-1.61E+00	57.92	-8.39E-01	-4.81E-01	
	88.00	-1.89E-05	-9.62E-07	4.20E-06	3.70E-05	2.47E-05	-1.75E-05	1.06E-05	-3.05E-05				
116	547.50	-1.09E+00	-4.05E-01	-4.53E-01	1.34E+00	2.03E-01	-9.00E-01	6.39E-01	-2.13E+00	52.14	1.86E-01	-1.02E+00	
	104.00	-2.05E-05	5.81E-06	3.95E-06	1.03E-04	1.56E-05	-6.92E-05	4.59E-05	-6.06E-05				
117	515.50	-3.70E-01	-5.74E-01	-2.21E-01	1.09E+00	2.44E-02	-3.68E-01	6.26E-01	-1.57E+00	42.34	-3.70E-01	1.09E+00	
	120.00	-1.44E-06	-9.27E-06	4.31E-06	8.41E-05	1.88E-06	-2.83E-05	3.69E-05	-4.76E-05				
118	515.50	-8.16E-01	-5.00E-01	-3.17E-01	4.17E-01	2.23E-01	-1.90E-01	-2.12E-01	-1.10E+00	55.40	-5.00E-01	-4.17E-01	
	136.00	-1.34E-05	-1.28E-06	5.75E-06	3.20E-05	1.72E-05	-1.46E-05	9.78E-06	-2.45E-05				
119	547.50	-9.15E-01	-4.85E-01	-3.63E-01	9.41E-01	1.35E-01	-5.44E-01	2.65E-01	-1.67E+00	51.46	-6.74E-02	-7.29E-01	
	152.00	-1.59E-05	7.41E-07	5.42E-06	7.24E-05	1.04E-05	-4.19E-05	2.96E-05	-4.47E-05				
120	515.50	-4.43E-01	-5.78E-01	-1.99E-01	7.83E-01	3.68E-02	-1.30E-01	2.76E-01	-1.30E+00	42.54	-4.43E-01	7.83E-01	
	168.00	-3.64E-06	-8.82E-06	5.76E-06	6.03E-05	2.83E-06	-9.97E-06	2.40E-05	-3.65E-05				
121	515.50	-1.09E+00	-6.55E-01	-4.39E-01	3.14E-01	2.87E-01	-1.40E-01	-4.91E-01	-1.26E+00	62.45	-6.55E-01	-3.14E-01	
	184.00	-1.80E-05	-1.15E-06	7.14E-06	2.42E-05	2.20E-05	-1.08E-05	5.16E-06	-2.43E-05				
122	547.50	-5.73E-01	1.12E-02	1.98E-02	9.43E-01	1.47E-01	-7.44E-01	7.06E-01	-1.27E+00	53.61	4.20E-01	-6.94E-01	
	200.00	-1.61E-05	6.39E-06	6.72E-06	7.25E-05	1.13E-05	-5.72E-05	3.31E-05	-4.26E-05				
123	515.50	3.77E-02	-3.33E-02	2.53E-01	5.34E-01	-1.13E-02	-1.20E-01	5.38E-01	-5.33E-01	43.10	3.77E-02	5.34E-01	
	216.00	-1.38E-06	-4.11E-06	6.90E-06	4.11E-05	-8.72E-07	-9.23E-06	1.79E-05	-2.33E-05				
124	515.50	-1.12E-01	1.42E-03	2.44E-01	9.74E-02	1.64E-01	-9.27E-02	5.75E-02	-1.68E-01	60.06	1.42E-03	-9.74E-02	
	232.00	-5.77E-06	-1.42E-06	7.93E-06	7.49E-06	1.26E-05	-7.13E-06	7.37E-07	-7.93E-06				
125	547.50	-3.68E-03	9.41E-02	3.08E-01	1.95E-01	6.84E-02	-6.27E-01	2.46E-01	-1.56E-01	52.03	1.80E-01	-1.49E-01	
	248.00	-4.52E-06	-7.58E-07	7.46E-06	1.50E-05	5.24E-06	-4.82E-05	5.10E-06	-1.04E-05				
126	515.50	2.49E-01	2.57E-01	4.54E-01	-3.64E-02	-6.34E-02	-1.70E-01	2.89E-01	2.16E-01	-48.27	2.48E-01	-3.64E-02	
	264.00	-9.81E-07	-6.60E-07	6.91E-06	-2.80E-06	-4.87E-06	-1.30E-05	5.88E-07	-2.23E-06				
127	515.50	1.02E-01	1.32E-01	3.39E-01	-1.64E-02	3.45E-03	-5.81E-02	1.39E-01	9.44E-02	-66.22	1.32E-01	1.64E-02	
	276.00	-2.37E-06	-1.22E-06	6.73E-06	-1.26E-06	2.65E-07	-4.47E-06	-9.41E-07	-2.65E-06				
128	531.50	3.39E-01	1.96E-01	4.39E-01	3.56E-03	-5.16E-02	-4.23E-02	3.39E-01	1.96E-01	1.43	3.39E-01	3.56E-03	
	297.00	2.34E-06	-3.15E-06	6.15E-06	2.74E-07	-3.95E-06	-3.25E-06	2.34E-06	-3.15E-06				
129	515.50	7.00E-01	2.85E-01	6.00E-01	-2.05E-01	-4.95E-02	-5.36E-02	7.84E-01	2.01E-01	-22.30	7.00E-01	-2.05E-01	

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	320.00	9.51E-06	-6.46E-06	5.65E-05	-1.57E-05	-3.60E-06	-4.13E-06	1.27E-05	-9.69E-06			
183	565.50	1.55E-01	-4.56E-01	-8.94E-02	1.74E+00	4.42E-01	-1.31E+00	1.62E+00	-1.92E+00	40.02	1.55E-01	1.74E+00
	-8.00	1.02E-05	-1.33E-05	9.79E-07	1.34E-04	3.40E-05	-1.01E-04	6.64E-05	-6.95E-05			

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3895E+02	-.2391E+03	-.1362E+03	.1371E+02	.1833E+02	-.1561E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1899E+01	.4971E+00	-.7806E-01	.1845E+02	-.5541E+01	-.1141E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7758E+00	-.4055E-01	-.1325E+00	.3188E+02	-.1032E+02	-.2207E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1256E+01	.3387E+00	-.1581E+00	.4516E+02	-.1761E+02	-.3237E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1097E+01	-.9470E-01	-.1265E+00	.5787E+02	-.2438E+02	-.4398E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1369E+01	-.3788E+00	.8814E-02	.7503E+02	-.3245E+02	-.5853E+02
25	.5603E+01	.8861E+00	-.7151E-01	.9175E+02	-.3602E+02	-.7311E+02
26	.9148E+01	.1739E+01	-.2166E+00	.1006E+03	-.3841E+02	-.8374E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.4045E+02	-.6866E+01	.6631E+00	.1049E+03	-.5634E+02	-.9261E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2865E+03	.6188E+02	-.1014E+02	.1434E+03	-.1670E+03	-.1474E+03
40	.2966E+03	.5760E+02	-.7329E+01	.1381E+03	-.1641E+03	-.1349E+03
41	.2899E+03	.5002E+02	-.1421E+01	.1220E+03	-.1482E+03	-.1165E+03
42	.1014E+03	.1412E+02	.2431E+01	.1066E+03	-.1024E+03	-.1015E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1170E+04	-.1647E+03	-.6912E+01	.3612E+02	-.1825E+03	.8274E+02
48	-.1030E+04	-.1415E+03	-.7564E+01	.3089E+02	-.1720E+03	.5828E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1162E+04	-.1788E+03	-.5850E+01	-.3444E+02	-.1353E+03	.2329E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.4747E+01	-.2440E+01	-.7142E+00	.2[illegible]02	-.1769E+03	.7882E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.[illegible]00	.0000E+00	.0000E+00

[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.9057E+03	-.1217E+03	-.5741E+01	-.6070E+02	-.1056E+03	.2175E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.5601E+03	-.9473E+02	-.7596E+01	-.5802E+02	-.9382E+02	.2109E+03
66	-.1745E+03	-.2565E+02	-.9450E+01	-.5485E+02	-.6534E+02	.2204E+03
67	.4121E+03	.6150E+02	-.9353E+01	-.6323E+02	-.3405E+02	.2198E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.7325E+03	.1099E+03	-.7612E+01	-.3104E+02	-.2455E+01	.2234E+03
76	-.8269E+02	-.1205E+02	-.4946E+01	-.2432E+02	.3313E+02	.2270E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3045E+03	.4639E+02	-.3461E+01	-.1556E+02	.7147E+02	.2187E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1336E+03	-.1914E+02	-.2284E+01	-.6179E-01	.9203E+02	.2145E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1759E+03	.2757E+02	-.2031E+01	-.7521E+01	.1226E+03	.1968E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1293E+03	-.1789E+02	-.1705E+01	-.9406E+01	.1382E+03	.1789E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1440E+03	.2320E+02	-.1707E+01	-.5335E+01	.1644E+03	.1612E+03
109	-.8861E+02	-.1156E+02	-.1342E+01	-.1557E+01	.1781E+03	.1389E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1183E+03	.1957E+02	-.1242E+01	-.7959E+01	.1967E+03	.1170E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.3316E+02	.6938E+01	.1267E+00	-.1101E+02	.2009E+03	.9357E+02
115	.3959E+02	.7959E+01	.6893E+00	-.1168E+02	.1997E+03	.7030E+02
116	.3765E+02	.7830E+01	.1403E+01	-.1090E+02	.2022E+03	.5704E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.5697E+02	.1081E+02	.1936E+01	-.9524E+01	.2035E+03	.4691E+02

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119	.5323E+02	.1003E+02	.2707E+01	-.1346E+02	.1928E+03	.3066E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1051E+03	.1243E+02	.6114E+01	-.5937E+01	.1456E+03	.1863E+02
122	.8574E+02	.3062E+01	.9093E+01	.3761E+01	.1424E+03	.1528E+02
123	.5323E+02	.2052E+01	.8126E+01	.2184E+01	.1234E+03	.1350E+02
124	.4419E+02	.1291E+01	.5626E+01	.1106E+01	.1008E+03	.1207E+02
125	.2721E+02	.1126E+00	.4137E+01	.2220E+00	.8240E+02	.1071E+02
126	.5184E+01	-.3167E+01	.3823E+01	-.9223E+00	.6790E+02	.9258E+01
127	-.1051E+02	-.5723E+01	.3844E+01	-.1649E+01	.5657E+02	.7476E+01
128	-.2594E+02	-.7634E+01	.3509E+01	-.3415E+01	.3402E+02	.5496E+01
129	-.2506E+02	-.6411E+01	.2769E+01	-.4110E+01	.1656E+02	.3875E+01
130	-.1673E+02	-.3792E+01	.1833E+01	-.4083E+01	.4410E+01	.2913E+01
131	-.4154E+01	-.6471E+00	.1069E+01	-.3439E+01	-.1076E+01	.2474E+01
132	.4902E+00	.3120E+00	.7589E+00	-.2344E+01	.5074E+00	.2276E+01
133	.2257E+00	.2693E+00	.7247E+00	-.1654E+01	.2020E+01	.1998E+01
134	.2395E+00	.6531E-01	.7459E+00	-.1263E+01	.1990E+01	.1596E+01
135	-.2457E-01	-.5801E-02	.8400E+00	-.9528E+00	.1393E+01	.1173E+01
136	.3522E-02	.2166E-02	.1127E+01	-.6514E+00	.8854E+00	.7764E+00
137	-.3909E-01	-.1379E-01	.1850E+01	-.3985E+00	.3837E+00	.4198E+00
138	.3825E-01	.5560E-01	.3835E+02	-.1904E+00	-.7989E-01	.1917E+00
139	.3773E-01	.6111E-01	-.3289E+02	-.3794E-01	.3940E-01	-.2635E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4300E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.24279E-01	-.13718E-03	.24259E-01	.00000E+00
3	-.44555E-01	-.44720E-03	.44595E-01	.00000E+00
4	-.48492E-01	-.43060E-03	.48466E-01	.00000E+00
5	-.52572E-01	-.56387E-04	.52593E-01	.00000E+00
6	-.59959E-01	.18090E-04	.59852E-01	-.59202E-05
7	-.54651E-01	-.68306E-03	.55351E-01	.00000E+00
8	-.60032E-01	-.51266E-03	.60215E-01	-.93230E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.24080E-01	-.19759E-03	.24305E-01	.00000E+00
11	-.44932E-01	-.41666E-03	.45527E-01	.00000E+00
12	-.50321E-01	-.43777E-03	.51007E-01	.00000E+00
13	-.54647E-01	-.33081E-03	.54957E-01	.00000E+00
14	-.60414E-01	-.40135E-03	.61169E-01	-.26446E-05
15	-.55504E-01	-.60227E-03	.57674E-01	.00000E+00
16	-.60975E-01	-.61168E-03	.62738E-01	.41289E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.24391E-01	-.20911E-03	.25257E-01	.00000E+00
19	-.45901E-01	-.33673E-03	.47735E-01	.00000E+00
20	-.51590E-01	-.41266E-03	.53733E-01	.00000E+00
21	-.56078E-01	-.13955E-03	.58021E-01	.00000E+00
22	-.61756E-01	-.10203E-03	.64931E-01	.12119E-05
23	-.57741E-01	-.10078E-02	.62706E-01	.00000E+00
24	-.62711E-01	-.73760E-03	.67814E-01	-.15720E-04
25	-.63376E-01	-.11119E-02	.69683E-01	.19578E-05
26	-.63762E-01	-.93668E-03	.70792E-01	.13430E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.24660E-01	-.38350E-03	.26072E-01	.00000E+00
29	-.47264E-01	-.59250E-03	.49951E-01	.00000E+00
30	-.52900E-01	-.60326E-03	.56934E-01	.00000E+00
31	-.59149E-01	-.85145E-03	.63520E-01	.00000E+00
32	-.64176E-01	-.10402E-02	.72024E-01	-.43975E-04
33	-.59073E-01	-.15583E-02	.63511E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.24605E-01	-.68593E-03	.26115E-01	.00000E+00
36	-.47013E-01	-.74323E-03	.50487E-01	.00000E+00
37	-.53602E-01	-.70241E-03	.56686E-01	.00000E+00
38	-.59919E-01	-.90192E-03	.65895E-01	.00000E+00

	-.64967E-01	-.14544E-02	.74106E-01	.43458E-04
	-.64741E-01	-.17507E-02	.73620E-01	.13509E-04
41	-.64620E-01	-.17313E-02	.73168E-01	-.87399E-05
42	-.64495E-01	-.15316E-02	.72563E-01	-.31976E-04
43	-.63557E-01	-.11307E-02	.55563E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.23470E-01	.59321E-03	.23926E-01	.00000E+00
46	-.45285E-01	-.50788E-03	.48524E-01	.00000E+00
47	-.64328E-01	-.11375E-02	.74286E-01	.34679E-04
48	-.64909E-01	-.12327E-02	.74267E-01	.54866E-04
49	-.59875E-01	-.99175E-03	.65323E-01	.00000E+00
50	-.65556E-01	-.12714E-02	.74566E-01	.15359E-03
51	-.60848E-01	-.12413E-02	.63862E-01	.00000E+00
52	-.68150E-01	-.10337E-02	.70160E-01	.00000E+00
53	-.64973E-01	-.95003E-03	.74359E-01	.49047E-05
54	-.53629E-01	-.42429E-03	.51849E-01	.00000E+00
55	-.60161E-01	-.10442E-02	.57406E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.20327E-01	-.20445E-02	.17739E-01	.00000E+00
58	-.43698E-01	-.91551E-03	.34289E-01	.00000E+00
59	-.69724E-01	-.49042E-03	.66601E-01	.00000E+00
60	-.68449E-01	-.93962E-03	.68234E-01	.00000E+00
61	-.66146E-01	-.12712E-02	.74758E-01	.23472E-03
62	-.51209E-01	-.12501E-03	.41471E-01	.00000E+00
63	-.58806E-01	.23617E-03	.49774E-01	.00000E+00
64	-.69555E-01	-.94742E-03	.71161E-01	.00000E+00
65	-.66939E-01	-.12722E-02	.74939E-01	.29068E-03
66	-.68897E-01	-.12702E-02	.75301E-01	.35178E-03
67	-.71004E-01	-.12610E-02	.75695E-01	.33446E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.16133E-01	.38936E-03	.10972E-01	.00000E+00
70	-.46465E-01	.27395E-03	.35383E-01	.00000E+00
71	-.68410E-01	.62728E-03	.57515E-01	.00000E+00
72	-.71513E-01	-.74821E-03	.71368E-01	.00000E+00
73	-.87222E-01	.29016E-03	.41216E-01	.00000E+00
74	-.75879E-01	-.66977E-03	.74612E-01	.00000E+00
75	-.72790E-01	-.12546E-02	.76044E-01	.25339E-03
76	-.75174E-01	-.13039E-02	.76715E-01	.17600E-03
77	-.65606E-01	.10308E-02	.49376E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.19425E-01	-.51865E-03	.14700E-01	.00000E+00
80	-.44740E-01	.79419E-03	.31908E-01	.00000E+00
81	-.49524E-01	.95016E-03	.35006E-01	.00000E+00
82	-.55285E-01	.14075E-02	.40916E-01	.00000E+00
83	-.76303E-01	.10485E-02	.64015E-01	.00000E+00
84	-.72384E-01	.14929E-02	.54957E-01	.00000E+00
85	-.77866E-01	-.13006E-02	.77560E-01	.14018E-03
86	-.78668E-01	-.65308E-03	.76791E-01	.00000E+00
87	-.66381E-01	.12212E-02	.47508E-01	.00000E+00
88	-.78999E-01	-.21869E-03	.71220E-01	.00000E+00
89	-.79703E-01	-.13710E-02	.78392E-01	.11231E-03
90	-.52066E-01	.39500E-03	.29653E-01	.00000E+00
91	-.55624E-01	.74492E-03	.32020E-01	.00000E+00
92	-.59373E-01	.31384E-05	.33849E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.22816E-01	.00000E+00	.13131E-01	.00000E+00
95	-.41707E-01	.00000E+00	.23275E-01	.00000E+00
96	-.47577E-01	.00000E+00	.26388E-01	.00000E+00
97	-.49738E-01	.00000E+00	.26543E-01	.00000E+00
98	-.49013E-01	.00000E+00	.26014E-01	.00000E+00
99	-.53190E-01	-.17932E-03	.28161E-01	.00000E+00
100	-.64546E-01	.13172E-03	.38501E-01	.00000E+00
101	-.76783E-01	.86358E-04	.55476E-01	.00000E+00
102	-.82562E-01	-.14264E-02	.79586E-01	.10128E-03

103	-.79987E-01	.63331E-03	.65962E-01	.00000E+00
104	-.83350E-01	-.10213E-02	.70644E-01	.00000E+00
105	-.86651E-01	-.14380E-02	.80632E-01	.88053E-04
106	-.83426E-01	.77124E-03	.71920E-01	.00000E+00
107	-.87197E-01	-.11453E-02	.81161E-01	.00000E+00
108	-.86867E-01	-.14310E-02	.81614E-01	.94174E-04
109	-.83521E-01	-.14392E-02	.82440E-01	.71107E-04
110	-.87915E-01	-.14531E-02	.75992E-01	.00000E+00
111	-.90760E-01	-.17281E-02	.83559E-01	.00000E+00
112	-.90328E-01	-.15180E-02	.83156E-01	.63712E-04
113	-.90103E-01	-.89138E-03	.79061E-01	.00000E+00
114	-.91330E-01	-.14582E-02	.83696E-01	.24924E-04
115	-.91697E-01	-.14322E-02	.84123E-01	.75118E-05
116	-.91727E-01	-.13454E-02	.84356E-01	-.59080E-05
117	-.91332E-01	-.18502E-02	.85233E-01	.00000E+00
118	-.91599E-01	-.13238E-02	.84462E-01	-.15559E-04
119	-.91148E-01	-.12763E-02	.84577E-01	-.29175E-04
120	-.92111E-01	-.14310E-02	.85495E-01	.00000E+00
121	-.90206E-01	-.11130E-02	.84594E-01	-.52559E-04
122	-.90099E-01	-.74262E-03	.84701E-01	-.63706E-04
123	-.89937E-01	-.32960E-03	.84785E-01	-.72404E-04
124	-.89751E-01	.13955E-03	.84870E-01	-.82295E-04
125	-.89503E-01	.67451E-03	.84957E-01	-.93878E-04
126	-.89019E-01	.16270E-02	.85102E-01	-.10694E-03
127	-.88501E-01	.27966E-02	.85241E-01	-.10809E-03
128	-.87525E-01	.49793E-02	.85526E-01	-.85473E-04
129	-.86878E-01	.65415E-02	.85788E-01	-.54587E-04
130	-.86520E-01	.74599E-02	.86073E-01	-.17712E-04
131	-.86640E-01	.72231E-02	.86506E-01	.21279E-04
132	-.87046E-01	.59520E-02	.86887E-01	.31355E-04
133	-.87404E-01	.46309E-02	.87220E-01	.26259E-04
134	-.87633E-01	.36224E-02	.87490E-01	.21036E-04
135	-.87790E-01	.27439E-02	.87707E-01	.19241E-04
136	-.87904E-01	.18367E-02	.87865E-01	.19453E-04
137	-.87970E-01	.10487E-02	.87959E-01	.19269E-04
138	-.88015E-01	.15938E-03	.88015E-01	.20110E-04
139	-.88015E-01	.19584E-04	.88015E-01	.19638E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-4.94E-03	-6.10E-02	-4.41E-03	-2.96E+00	-6.08E-03	2.98E+00	2.92E+00	-2.95E+00	-44.73	-4.94E-03	-2.96E+00
	-303.00	6.89E-07	-1.86E-06	7.13E-07	-2.69E-04	-5.53E-07	2.71E-04	1.34E-04	-1.35E-04			
2	72.00	-4.17E-02	-9.28E-02	3.60E-02	-2.51E+00	5.29E-03	2.59E+00	2.45E+00	-2.58E+00	-44.71	-4.17E-02	-2.51E+00
	-213.00	-6.17E-07	-2.94E-06	2.92E-06	-2.29E-04	4.81E-07	2.35E-04	1.13E-04	-1.16E-04			
3	72.00	-4.42E-01	-1.07E-01	9.21E-02	-1.71E+00	1.66E-01	1.85E+00	1.44E+00	-1.99E+00	-47.80	-4.42E-01	-1.71E+00
	-138.00	-7.65E-06	-3.76E-08	4.49E-06	-7.76E-05	7.57E-06	6.40E-05	3.52E-05	-4.29E-05			
4	24.00	-1.89E+00	-9.22E-01	-1.16E+00	-3.22E+00	5.12E-01	3.51E+00	1.85E+00	-4.66E+00	-49.26	-1.89E+00	-3.22E+00
	-68.00	-2.89E-05	8.17E-06	-1.11E-06	-2.47E-04	3.94E-05	2.70E-04	1.15E-04	-1.35E-04			
5	72.00	5.34E-01	2.49E-01	6.60E-01	-1.39E+00	-5.72E-02	1.49E+00	1.78E+00	-1.00E+00	-42.07	2.49E-01	1.39E+00
	-88.00	4.68E-06	-6.28E-06	9.53E-06	-1.07E-04	-4.40E-06	1.15E-04	5.28E-05	-5.44E-05			
6	120.00	2.70E-01	2.52E-01	4.17E-01	-2.75E+00	-1.46E-01	2.70E+00	3.01E+00	-2.49E+00	-44.91	-2.44E+00	4.87E-01
	-68.00	5.94E-09	-6.23E-07	5.72E-06	-2.11E-04	-1.12E-05	2.08E-04	1.05E-04	-1.06E-04			
7	36.25	-7.87E-01	-3.20E-01	-2.17E-01	-1.52E+00	2.03E-01	1.47E+00	9.88E-01	-2.05E+00	-49.35	-7.34E-01	-1.53E+00
	-10.00	-1.57E-05	2.23E-06	6.19E-06	-1.17E-04	1.56E-05	1.13E-04	5.25E-05	-6.60E-05			
8	108.00	7.74E-02	1.69E-01	2.63E-01	-1.21E+00	-8.18E-03	1.30E+00	1.33E+00	-1.08E+00	-46.09	7.74E-02	-1.21E+00
	-19.00	-2.62E-06	9.13E-07	4.51E-06	-9.28E-05	-6.30E-07	1.00E-04	4.56E-05	-4.73E-05			
9	216.00	[illegible].15E-01	-1.41E-01	-6.35E-02	-2.96E+00	2.25E-02	3.[illegible]E+00	2.83E+00	-3.09E+00	-44.88	-1.15E-01	-2.96E+[illegible]
	-303.00	[illegible]08E-06	-2.29E-06	1.26E-06	-2.69E-04	2.04E-06	[illegible]-04	1.33E-04	-1.36E-04			
10	216.	[illegible]20E-01	-1.44E-01	-1.19E-02	-2.59E+00	7.59E-02	[illegible]+00	2.41E+00	-2.76E+00	-45.31	-1.99E-01	-2.5[illegible]

	-213.00	[illegible].45E-06	-1.93E-06	4.07E-06	-2.35E-04	6.50E-06	[illegible]E-04	1.14E-04	-1.21E-04				
11	216.00	[illegible].24E-01	-1.19E-01	1.85E-01	-2.02E+00	2.43E-01	[illegible]E+00	1.76E+00	-2.30E+00	-47.17	-4.24E-01	-2.02E[illegible]	
	-138.00	-7.77E-06	-9.09E-07	6.09E-06	-9.20E-05	1.10E-05	9.75E-05	4.18E-05	-5.04E-05				
12	168.00	-8.49E-01	-6.04E-01	-4.32E-01	-3.08E+00	4.37E-01	3.19E+00	2.36E+00	-3.81E+00	-46.14	-8.49E-01	-3.08E+00	
	-68.00	-1.19E-05	-2.51E-06	4.08E-06	-2.37E-04	3.35E-05	2.45E-04	1.11E-04	-1.26E-04				
13	216.00	7.56E-01	2.54E-01	7.65E-01	-1.23E+00	7.43E-03	1.31E+00	1.76E+00	-7.54E-01	-39.25	2.54E-01	1.23E+00	
	-88.00	9.57E-06	-9.74E-06	9.92E-06	-9.48E-05	5.71E-07	1.00E-04	4.83E-05	-4.85E-05				
14	264.00	-6.16E-02	2.13E-01	3.56E-01	-2.67E+00	-4.28E-02	2.73E+00	2.75E+00	-2.60E+00	-46.47	-2.53E+00	6.17E-01	
	-68.00	-7.94E-06	2.61E-06	8.12E-06	-2.06E-04	-3.29E-06	2.10E-04	1.00E-04	-1.06E-04				
15	180.00	-3.54E-01	-7.11E-02	8.24E-02	-1.32E+00	2.97E-01	1.30E+00	1.12E+00	-1.54E+00	-48.06	-3.54E-01	-1.32E+00	
	-19.00	-9.86E-06	1.03E-06	6.94E-06	-1.02E-04	2.28E-05	1.00E-04	4.67E-05	-5.55E-05				
16	252.00	-1.64E-01	1.32E-01	3.14E-01	-1.14E+00	1.13E-01	1.36E+00	1.14E+00	-1.17E+00	-48.68	-1.64E-01	-1.14E+00	
	-19.00	-9.40E-06	1.97E-06	8.98E-06	-8.80E-05	8.67E-06	1.05E-04	4.06E-05	-4.81E-05				
17	361.00	-1.36E-01	-1.08E-01	-8.10E-02	-3.00E+00	1.33E-02	3.14E+00	2.84E+00	-3.17E+00	-44.75	-1.36E-01	-3.00E+00	
	-303.00	-9.20E-07	-3.29E-06	1.58E-06	-2.73E-04	1.21E-06	2.86E-04	1.34E-04	-1.39E-04				
18	361.00	-2.44E-01	-1.63E-01	-1.77E-02	-2.71E+00	6.24E-02	2.84E+00	2.51E+00	-2.92E+00	-45.43	-2.44E-01	-2.71E+00	
	-213.00	-5.59E-06	-1.88E-06	4.71E-06	-2.47E-04	5.67E-06	2.59E-04	1.20E-04	-1.27E-04				
19	361.00	-4.84E-01	-1.13E-01	2.45E-01	-2.11E+00	2.45E-01	2.41E+00	1.82E+00	-2.42E+00	-47.51	-4.84E-01	-2.11E+00	
	-138.00	-9.15E-06	-7.22E-07	7.41E-06	-9.59E-05	1.11E-05	1.10E-04	4.32E-05	-5.31E-05				
20	312.00	-1.49E+00	-9.08E-01	-7.08E-01	-3.43E+00	7.57E-01	3.82E+00	2.25E+00	-4.64E+00	-47.41	-1.49E+00	-3.43E+00	
	-68.00	-2.31E-05	-8.16E-07	6.87E-06	-2.64E-04	5.82E-05	2.94E-04	1.21E-04	-1.45E-04				
21	360.67	1.24E+00	5.85E-01	1.16E+00	-1.57E+00	-8.93E-02	1.90E+00	2.52E+00	-6.88E-01	-39.07	5.85E-01	1.57E+00	
	-88.00	1.52E-05	-1.01E-05	1.12E-05	-1.21E-04	-6.87E-06	1.46E-04	6.42E-05	-5.91E-05				
22	409.33	-6.98E-01	-9.45E-01	-2.98E-01	-3.30E+00	1.49E-02	4.12E+00	2.48E+00	-4.12E+00	-43.93	-4.07E+00	5.60E-01	
	-68.00	-5.51E-06	-1.50E-05	9.86E-06	-2.54E-04	1.15E-06	3.17E-04	1.17E-04	-1.37E-04				
23	324.00	-6.71E-01	-1.29E-01	1.06E-01	-1.33E+00	5.31E-01	1.37E+00	9.56E-01	-1.76E+00	-50.76	-6.71E-01	-1.33E+00	
	-19.00	-1.82E-05	2.65E-06	1.17E-05	-1.02E-04	4.08E-05	1.05E-04	4.44E-05	-5.99E-05				
24	372.00	-3.56E-01	3.20E-01	4.72E-01	-3.63E+00	5.01E-01	3.89E+00	3.62E+00	-3.66E+00	-47.66	-3.56E-01	-3.63E+00	
	-9.33	-1.85E-05	7.52E-06	1.33E-05	-2.79E-04	3.86E-05	2.99E-04	1.35E-04	-1.46E-04				
25	401.25	-1.90E-01	2.85E-02	4.72E-01	-1.18E+00	1.68E-01	1.58E+00	1.10E+00	-1.27E+00	-47.64	9.29E-01	-6.22E-01	
	-19.00	-1.07E-05	-2.32E-06	1.47E-05	-9.08E-05	1.29E-05	1.21E-04	3.91E-05	-5.21E-05				
26	427.67	-1.46E+00	-1.10E+00	-5.70E-01	-4.03E+00	6.79E-01	5.47E+00	2.75E+00	-5.32E+00	-46.27	-3.81E+00	-3.14E+00	
	-9.33	-2.18E-05	-9.01E-06	1.26E-05	-3.10E-04	5.22E-05	4.21E-04	1.40E-04	-1.70E-04				
27	457.00	-1.52E-01	-2.96E-01	-1.30E-01	-3.05E+00	-1.24E-02	3.20E+00	2.82E+00	-3.27E+00	-44.32	-1.52E-01	-3.05E+00	
	-303.00	5.94E-07	-5.95E-06	1.60E-06	-2.77E-04	-1.13E-06	2.91E-04	1.36E-04	-1.41E-04				
28	457.00	-2.20E-01	-1.34E-01	-2.39E-03	-2.85E+00	1.94E-02	2.96E+00	2.68E+00	-3.03E+00	-45.43	-2.20E-01	-2.85E+00	
	-213.00	-5.38E-06	-1.47E-06	4.53E-06	-2.59E-04	1.76E-06	2.69E-04	1.26E-04	-1.33E-04				
29	457.00	-8.39E-01	-2.62E-01	6.03E-02	-2.18E+00	-8.15E-02	2.45E+00	1.64E+00	-2.75E+00	-48.77	-8.39E-01	-2.18E+00	
	-138.00	-1.34E-05	-4.99E-07	6.83E-06	-9.89E-05	-3.71E-06	1.11E-04	4.28E-05	-5.69E-05				
30	442.00	-5.37E-01	-1.25E+00	-3.82E-01	-3.78E+00	-1.24E-01	4.30E+00	2.90E+00	-4.69E+00	-42.31	-5.37E-01	-3.78E+00	
	-68.00	3.15E-06	-2.42E-05	9.13E-06	-2.91E-04	-9.51E-06	3.31E-04	1.35E-04	-1.56E-04				
31	457.33	4.55E+00	2.31E+00	2.99E+00	-1.36E+00	-2.16E+00	2.28E+00	5.19E+00	1.67E+00	-25.28	2.31E+00	1.36E+00	
	-88.00	6.67E-05	-1.93E-05	6.74E-06	-1.04E-04	-1.66E-04	1.75E-04	9.13E-05	-4.40E-05				
32	472.67	-7.06E+00	-5.30E+00	-4.71E+00	-3.32E+00	1.32E+00	5.49E+00	-2.75E+00	-9.61E+00	-52.40	-8.99E+00	-1.96E+00	
	-68.00	-8.39E-05	-1.64E-05	6.52E-06	-2.55E-04	1.02E-04	4.22E-04	8.19E-05	-1.82E-04				
33	443.00	-6.77E-01	-4.09E-01	1.18E-01	-1.89E+00	2.36E-01	2.10E+00	1.35E+00	-2.43E+00	-47.03	-6.77E-01	-1.89E+00	
	-19.50	-1.54E-05	-5.09E-06	1.52E-05	-1.45E-04	1.80E-05	1.61E-04	6.25E-05	-8.30E-05				
34	454.00	-5.58E+00	-3.85E+00	-3.34E+00	-4.97E+00	1.53E+00	6.90E+00	3.33E-01	-9.77E+00	-49.94	-7.54E+00	-4.18E+00	
	-11.33	-7.44E-05	-7.76E-06	1.20E-05	-3.83E-04	1.18E-04	5.31E-04	1.53E-04	-2.35E-04				
35	461.67	-8.70E-01	-8.56E-01	-2.78E-01	-4.73E+00	3.81E-01	7.13E+00	3.85E+00	-5.62E+00	-44.92	-8.70E-01	-4.73E+00	
	-12.00	-1.10E-05	-1.20E-05	1.18E-05	-3.64E-04	2.93E-05	5.48E-04	1.71E-04	-1.94E-04				
36	469.00	3.43E+00	1.43E+00	2.43E+00	-4.58E-01	-1.91E+00	2.81E+00	3.53E+00	1.37E+00	-12.55	1.48E+00	4.58E-01	
	-30.00	5.14E-05	-2.39E-05	1.27E-05	-3.52E-05	-1.47E-04	2.17E-04	5.53E-05	-2.78E-05				
37	476.33	-2.13E+00	-2.78E+00	-1.51E+00	-3.18E+00	4.12E-01	5.84E+00	7.42E-01	-5.65E+00	-42.09	-3.40E+00	-3.05E+00	
	-12.00	-1.15E-05	-3.64E-05	1.25E-05	-2.45E-04	3.17E-05	4.49E-04	9.91E-05	-1.47E-04				
38	558.50	2.54E-01	1.63E-01	1.94E-01	-2.89E+00	-8.64E-02	3.06E+00	3.10E+00	-2.68E+00	-44.55	2.54E-01	-2.89E+00	
	-303.00	3.62E-06	-5.21E-07	8.80E-07	-2.63E-04	-7.85E-06	2.78E-04	1.33E-04	-1.30E-04				
39	558.50	-4.75E-02	-2.35E-01	-4.59E-02	-2.88E+00	-1.69E-01	3.00E+00	2.74E+00	-3.02E+00	-44.07	-4.75E-02	-2.88E+00	
	-213.00	2.11E-06	-6.43E-06	2.18E-06	-2.62E-04	-1.54E-05	2.73E-04	1.29E-04	-1.33E-04				
40	506.17	-8.17E-02	-5.07E-01	1.25E-01	-6.46E+00	-4.31E-01	6.44E+00	6.17E+00	-6.76E+00	-44.06	-8.17E-02	-6.46E+00	
	-128.00	5.74E-07	-9.10E-06	5.28E-06	-2.94E-04	-1.96E-05	2.93E-04	1.43E-04	-1.51E-04				
41	558.50	1.57E+00	-3.91E-01	3.79E-01	-2.74E+00	-1.55E+00	3.89E+00	3.50E+00	-2.32E+00	-35.13	-3.91E-01	2.74E+00	
	-148.00	2.76E-05	-1.71E-05	4.27E-07	-1.24E-04	-7.03E-05	1.77E-04	7.13E-05	-6.09E-05				
42	610.83	-3.41E-01	-4.79E-01	-2.64E-01	-5.64E+00	-1.05E+00	5.04E+00	5.13E+00	-6.15E+00	-44.14	-5.99E+00	1.32E+00	

	-129.00	-9.17E-07	-6.19E-06	3.91E-07	-2.54E-04	-4.77E-05	2.29E-04	1.22E-04	-1.33E-04				
43	501.38	4.01E-01	2.43E-01	5.58E-01	-1.45E+00	-5.46E-01	1.82E+00	1.78E+00	-1.13E+00	-43.44	4.01E-01	-1.45E+00	
	-78.00	2.22E-06	-3.55E-06	8.23E-06	-1.12E-04	-4.21E-05	1.40E-04	5.51E-05	-5.67E-05				
44	524.67	-7.88E-01	-3.95E-01	-3.37E-01	-4.57E+00	-3.14E-01	5.74E+00	3.95E+00	-5.17E+00	-46.23	-5.06E+00	9.87E-01	
	-68.00	-1.36E-05	1.50E-06	3.75E-06	-3.52E-04	-2.42E-05	4.42E-04	1.70E-04	-1.82E-04				
45	584.67	8.99E-01	6.91E-01	7.61E-01	-4.56E+00	-1.11E+00	4.02E+00	5.35E+00	-3.76E+00	-44.35	8.99E-01	-4.56E+00	
	-68.00	8.75E-06	7.40E-07	3.43E-06	-3.51E-04	-8.57E-05	3.09E-04	1.80E-04	-1.71E-04				
46	610.93	4.46E+00	1.47E+00	2.27E+00	-2.46E+00	-2.11E+00	3.22E+00	5.84E+00	8.86E-02	-29.37	1.47E+00	2.46E+00	
	-88.00	8.14E-05	-3.34E-05	-2.91E-06	-1.89E-04	-1.63E-04	2.48E-04	1.35E-04	-8.66E-05				
47	482.63	3.21E-01	1.65E-01	7.61E-01	-1.04E+00	-5.72E-01	2.08E+00	1.29E+00	-8.01E-01	-42.86	3.21E-01	-1.04E+00	
	-21.00	-1.35E-06	-7.34E-06	1.56E-05	-8.01E-05	-4.40E-05	1.60E-04	3.58E-05	-4.45E-05				
48	485.83	-3.52E-01	-4.75E-01	7.73E-02	-3.07E+00	-7.55E-02	6.50E+00	2.66E+00	-3.48E+00	-44.43	-7.49E-01	-3.05E+00	
	-12.00	-5.31E-06	-1.00E-05	1.12E-05	-2.36E-04	-5.81E-06	5.00E-04	1.10E-04	-1.26E-04				
49	507.89	2.99E-02	3.76E-01	6.50E-01	-1.15E+00	-3.29E-01	2.28E+00	1.36E+00	-9.58E-01	-49.29	2.99E-02	-1.15E+00	
	-21.00	-1.05E-05	2.86E-06	1.34E-05	-8.83E-05	-2.53E-05	1.76E-04	4.08E-05	-4.84E-05				
50	538.67	-8.05E-01	7.18E-02	-8.95E-02	-4.09E+00	-1.49E+00	5.03E+00	3.75E+00	-4.48E+00	-48.06	-4.40E+00	8.32E-01	
	-10.00	-2.19E-05	1.18E-05	5.60E-06	-3.15E-04	-1.15E-04	3.87E-04	1.53E-04	-1.63E-04				
51	484.67	1.63E+01	9.94E+00	1.04E+01	2.85E-01	-1.15E+00	6.78E-01	1.43E+01	9.92E+00	3.73	9.94E+00	-2.85E-01	
	8.00	1.69E-04	1.88E-06	1.93E-05	2.19E-05	-8.84E-05	5.21E-05	1.70E-04	1.17E-06				
52	507.00	-3.82E+00	-4.51E+00	-2.80E+00	-2.53E+00	-6.85E-01	-1.91E+00	-1.61E+00	-6.72E+00	-41.16	-6.20E+00	-1.54E+00	
	0.00	-2.48E-05	-5.10E-05	1.47E-05	-1.95E-04	-5.27E-05	-1.47E-04	6.03E-05	-1.36E-04				
53	603.00	-1.71E-01	1.36E-01	-6.03E-02	-1.78E+00	-7.30E-01	1.62E+00	1.77E+00	-1.81E+00	-47.46	9.75E-01	-1.49E+00	
	-18.00	-5.52E-06	6.27E-06	-1.28E-06	-1.37E-04	-5.61E-05	1.25E-04	6.92E-05	-6.84E-05				
54	712.00	3.04E-01	-1.04E-01	5.67E-02	-2.77E+00	-2.19E-01	2.55E+00	2.88E+00	-2.68E+00	-42.90	3.04E-01	-2.77E+00	
	-303.00	1.05E-05	-8.06E-06	-7.49E-07	-2.52E-04	-1.99E-05	2.32E-04	1.28E-04	-1.25E-04				
55	712.00	1.54E+00	9.71E-01	8.81E-01	-3.06E+00	-7.05E-01	2.53E+00	4.32E+00	-1.82E+00	-42.36	1.54E+00	-3.06E+00	
	-213.00	2.58E-05	1.61E-07	-3.97E-06	-2.78E-04	-6.41E-05	2.30E-04	1.52E-04	-1.27E-04				
56	712.00	1.80E+00	1.09E+00	4.53E-01	-2.37E+00	-1.65E+00	1.94E+00	3.84E+00	-9.46E-01	-40.74	1.80E+00	-2.37E+00	
	-138.00	2.34E-05	7.28E-06	-7.26E-06	-1.08E-04	-7.48E-05	8.82E-05	6.97E-05	-3.90E-05				
57	712.00	4.44E-01	6.07E-02	-9.60E-02	-1.46E+00	-6.74E-01	1.51E+00	1.73E+00	-1.22E+00	-41.27	4.44E-01	-1.46E+00	
	-78.00	1.26E-05	-2.16E-06	-8.19E-06	-1.12E-04	-5.18E-05	1.16E-04	6.19E-05	-5.15E-05				
58	712.00	6.32E-01	6.06E-01	1.65E-01	-1.97E+00	-6.07E-01	1.84E+00	2.59E+00	-1.35E+00	-44.81	6.32E-01	-1.97E+00	
	-18.00	8.90E-06	7.87E-06	-9.06E-06	-1.52E-04	-4.67E-05	1.41E-04	8.43E-05	-6.75E-05				
59	837.00	7.94E+00	4.46E+00	4.96E+00	-2.33E+00	-1.30E+00	2.17E+00	9.12E+00	3.29E+00	-26.65	4.46E+00	2.33E+00	
	-318.00	1.36E-04	-2.27E-05	.00E+00	-2.12E-04	-1.18E-04	1.97E-04	1.89E-04	-7.60E-05				
60	887.00	1.23E+00	3.00E-01	6.10E-01	-6.25E+00	-4.96E-01	4.85E+00	7.03E+00	-5.50E+00	-42.88	-4.97E+00	2.53E+00	
	-288.00	2.80E-05	-1.41E-05	.00E+00	-5.68E-04	-4.51E-05	4.41E-04	2.92E-04	-2.78E-04				
61	987.00	-1.32E+00	-7.76E-01	-8.39E-01	-6.38E+00	2.73E-01	4.48E+00	5.34E+00	-7.44E+00	-46.22	-1.32E+00	-6.38E+00	
	-288.00	-2.19E-05	2.87E-06	.00E+00	-5.80E-04	2.48E-05	4.07E-04	2.81E-04	-3.00E-04				
62	1037.00	8.04E+00	4.94E+00	5.19E+00	-4.71E+00	-1.08E+00	3.59E+00	1.14E+01	1.53E+00	-35.89	4.94E+00	4.71E+00	
	-318.00	1.29E-04	-1.15E-05	.00E+00	-4.28E-04	-9.80E-05	3.27E-04	2.84E-04	-1.66E-04				
63	862.00	2.00E-01	2.20E-01	-8.42E-02	-3.15E+00	-1.18E-01	2.51E+00	3.36E+00	-2.94E+00	-45.09	2.00E-01	-3.15E+00	
	-213.00	4.72E-06	5.64E-06	-8.19E-06	-2.86E-04	-1.07E-05	2.28E-04	1.48E-04	-1.38E-04				
64	1012.00	-4.19E-01	-1.58E-01	-4.88E-01	-3.41E+00	1.01E-01	2.54E+00	3.13E+00	-3.71E+00	-46.10	-4.19E-01	-3.41E+00	
	-213.00	-5.22E-06	6.66E-06	-8.35E-06	-3.10E-04	9.19E-06	2.31E-04	1.56E-04	-1.55E-04				
65	837.00	-4.18E-01	3.98E-01	-7.63E-01	-2.35E+00	-2.81E-01	2.63E+00	2.38E+00	-2.40E+00	-49.93	3.98E-01	2.35E+00	
	-148.00	-5.40E-06	1.32E-05	-1.32E-05	-1.07E-04	-1.28E-05	1.19E-04	5.81E-05	-5.03E-05				
66	937.00	2.71E-01	3.29E-01	-4.97E-01	-4.21E+00	-2.14E-01	3.13E+00	4.51E+00	-3.91E+00	-45.20	-2.58E+00	3.07E+00	
	-128.00	5.61E-06	6.93E-06	-1.18E-05	-1.91E-04	-9.72E-06	1.42E-04	1.02E-04	-8.95E-05				
67	1037.00	3.70E+00	1.14E+00	7.44E-01	-4.01E+00	-1.20E+00	3.53E+00	6.63E+00	-1.79E+00	-36.12	1.14E+00	4.01E+00	
	-148.00	5.49E-05	-3.47E-06	-1.24E-05	-1.82E-04	-5.46E-05	1.60E-04	1.21E-04	-7.00E-05				
68	837.00	1.20E+00	1.42E+00	6.28E-01	-4.59E+00	-5.50E-01	3.54E+00	5.91E+00	-3.28E+00	-45.68	1.20E+00	-4.59E+00	
	-68.00	1.06E-05	1.50E-05	-1.16E-05	-3.53E-04	-4.54E-05	2.73E-04	1.91E-04	-1.62E-04				
69	937.00	1.21E+00	-1.75E-01	-1.48E-01	-2.38E+00	-6.28E-01	2.00E+00	3.00E+00	-1.96E+00	-36.87	-1.75E-01	2.38E+00	
	-88.00	3.69E-05	-1.65E-05	-1.55E-05	-1.83E-04	-4.63E-05	1.54E-04	1.06E-04	-8.52E-05				
70	1037.00	4.98E-01	2.73E-01	-2.01E-01	-4.07E+00	1.56E-01	3.89E+00	4.46E+00	-3.65E+00	-44.21	-2.50E+00	2.87E+00	
	-68.00	1.29E-05	4.24E-06	-1.40E-05	-3.13E-04	1.20E-05	3.00E-04	1.65E-04	-1.49E-04				
71	862.00	8.45E-01	7.10E-01	7.11E-02	-1.93E+00	-5.27E-01	1.71E+00	2.71E+00	-1.15E+00	-44.00	8.45E-01	-1.93E+00	
	-18.00	1.46E-05	9.43E-06	-1.51E-05	-1.48E-04	-4.05E-05	1.32E-04	8.63E-05	-6.22E-05				
72	1012.00	-3.00E-01	-2.80E-01	-9.21E-01	-2.05E+00	1.16E-01	1.59E+00	1.76E+00	-2.34E+00	-45.14	-3.00E-01	-2.05E+00	
	-18.00	3.96E-06	4.62E-06	-1.62E-05	-1.58E-04	8.95E-06	1.22E-04	8.32E-05	-7.47E-05				
73	1387.00	[illegible]28E-01	-4.29E-01	-4.23E-01	-2.58E+00	1.42E-02	[illegible]+00	2.15E+00	-3.00E+00	-44.99	-4.28E-01	-2.58E[illegible]	
	-303.00	[illegible]83E-06	-2.88E-06	-2.60E-06	-2.34E-04	1.29E-06	[illegible]-04	1.14E-04	-1.20E-04				
74	1387	[illegible].10E-02	1.06E-01	-2.36E-01	-2.70E+00	-2.95E-03	[illegible]+00	2.73E+00	-2.68E+00	-45.88	-6.10E-02	-2.[illegible]	

	-213.	2.95E-07	7.23E-06	-8.23E-06	-2.46E-04	-2.69E-07	[illegible]25E-04	1.26E-04	-1.19E-04					
75	1387.	-3.50E-02	-1.61E-01	-7.50E-01	-1.99E+00	-5.07E-02	[illegible]3E+00	1.89E+00	-2.06E+00	-44.10	-3.59E-02	-1.9[illegible]		
	-138.00	4.15E-06	1.30E-06	-1.21E-05	-9.02E-05	-2.31E-06	5.14E-05	4.79E-05	-4.24E-05					
76	1187.00	5.14E-01	3.91E-01	-8.29E-02	-3.09E+00	-3.29E-01	1.29E+00	3.55E+00	-2.64E+00	-44.43	5.14E-01	-3.09E+00		
	-68.00	1.07E-05	6.01E-06	-1.22E-05	-2.38E-04	-2.53E-05	1.07E-04	1.27E-04	-1.11E-04					
77	1387.00	9.10E-01	7.04E-01	4.99E-02	-1.51E+00	-2.46E-01	1.06E+00	2.27E+00	-7.52E-01	-44.00	7.04E-01	1.51E+00		
	-88.00	1.40E-05	9.50E-06	-1.53E-05	-1.16E-04	-1.89E-05	8.16E-05	7.00E-05	-4.61E-05					
78	1587.00	2.54E-01	2.24E-01	-2.95E-01	-1.93E+00	3.80E-02	7.75E-01	2.17E+00	-1.69E+00	-44.78	-5.16E-01	1.77E+00		
	-68.00	7.76E-06	6.60E-06	-1.34E-05	-1.48E-04	2.98E-06	5.96E-05	8.13E-05	-6.69E-05					
79	1237.00	1.05E+00	4.84E-01	3.26E-02	-1.62E+00	-3.71E-01	9.61E-01	2.41E+00	-8.75E-01	-40.00	1.05E+00	-1.62E+00		
	-18.00	2.33E-05	1.35E-06	-1.60E-05	-1.25E-04	-2.86E-05	7.39E-05	7.56E-05	-5.05E-05					
80	1433.80	6.46E-01	2.49E-01	-2.11E-01	-1.87E+00	-1.54E-01	6.99E-01	2.33E+00	-1.43E+00	-41.97	6.46E-01	-1.87E+00		
	-8.00	1.73E-05	2.06E-06	-1.56E-05	-1.44E-04	-1.19E-05	5.38E-05	8.21E-05	-6.27E-05					
81	1533.80	1.07E+00	2.46E-01	-2.32E-02	-1.09E+00	-1.43E-01	4.72E-01	1.83E+00	-5.09E-01	-34.63	2.46E-01	1.09E+00		
	-28.00	2.70E-05	-4.79E-06	-1.51E-05	-8.40E-05	-1.10E-05	3.63E-05	5.60E-05	-3.38E-05					
82	1633.80	1.15E+00	3.91E-01	9.90E-02	-4.19E-01	9.63E-03	1.21E-01	1.33E+00	2.05E-01	-23.94	2.09E-01	6.57E-02		
	-8.00	2.62E-05	-2.97E-06	-1.42E-05	-3.22E-05	7.41E-07	9.38E-06	3.33E-05	-1.01E-05					
83	1433.80	4.41E+00	1.95E+00	1.91E+00	-1.23E+00	-1.01E+00	5.10E-01	4.92E+00	1.44E+00	-22.50	1.95E+00	1.23E+00		
	27.60	7.87E-05	-1.58E-05	-1.75E-05	-9.46E-05	-7.80E-05	3.92E-05	9.83E-05	-3.54E-05					
84	1296.10	1.56E+00	2.48E-01	6.23E-02	-1.20E+00	-4.56E-01	5.96E-01	2.34E+00	-5.37E-01	-31.47	1.03E+00	1.44E+00		
	40.70	3.94E-05	-1.10E-05	-1.81E-05	-9.87E-05	-3.51E-05	4.59E-05	6.96E-05	-4.12E-05					
85	1148.60	6.64E-01	-3.46E-01	-4.71E-01	-1.74E+00	-5.29E-01	5.49E-01	1.97E+00	-1.65E+00	-36.90	-1.38E+00	-9.54E-01		
	57.33	2.72E-05	-1.16E-05	-1.64E-05	-1.34E-04	-4.07E-05	4.22E-05	7.74E-05	-6.16E-05					
86	1131.40	5.60E+00	2.70E+00	2.48E+00	-7.17E-01	-1.95E+00	6.20E-02	5.77E+00	2.53E+00	-13.15	2.70E+00	7.17E-01		
	112.00	9.69E-05	-1.46E-05	-2.30E-05	-5.51E-05	-1.50E-04	4.77E-06	1.03E-04	-2.11E-05					
87	1019.90	1.65E+00	1.03E+00	3.98E-01	-1.84E+00	-7.29E-01	2.45E+00	3.21E+00	-5.31E-01	-40.21	1.03E+00	1.84E+00		
	34.67	2.97E-05	5.74E-06	-1.85E-05	-1.42E-04	-5.61E-05	1.89E-04	8.97E-05	-5.42E-05					
88	886.60	7.76E-01	4.72E-01	-8.43E-02	-1.54E+00	-3.67E-01	1.56E+00	2.17E+00	-9.19E-01	-42.17	7.76E-01	-1.54E+00		
	46.00	1.71E-05	5.36E-06	-1.60E-05	-1.18E-04	-2.82E-05	1.20E-04	7.06E-05	-4.81E-05					
89	869.80	3.30E+00	1.43E+00	1.16E+00	-9.11E-01	-1.26E+00	5.05E-01	3.67E+00	1.06E+00	-22.14	1.43E+00	9.11E-01		
	96.00	6.22E-05	-9.75E-06	-2.00E-05	-7.01E-05	-9.72E-05	3.88E-05	7.64E-05	-2.40E-05					
90	952.60	6.40E-01	-1.55E+00	-1.03E+00	-2.15E+00	-6.26E-01	1.60E+00	1.96E+00	-2.87E+00	-31.53	-2.27E+00	1.59E+00		
	128.00	4.59E-05	-3.83E-05	-1.83E-05	-1.66E-04	-4.82E-05	1.23E-04	9.67E-05	-8.91E-05					
91	869.80	9.64E-01	1.27E-01	-1.50E-01	-1.03E+00	-6.54E-01	3.64E-01	1.66E+00	-5.67E-01	-33.95	9.64E-01	-1.03E+00		
	160.00	2.67E-05	-5.45E-06	-1.61E-05	-7.93E-05	-5.03E-05	2.80E-05	5.34E-05	-3.22E-05					
92	869.80	4.96E+00	1.72E+00	1.78E+00	-6.80E-01	-2.48E+00	6.38E-01	5.10E+00	1.58E+00	-11.37	1.72E+00	6.80E-01		
	203.60	9.79E-05	-2.69E-05	-2.46E-05	-5.23E-05	-1.91E-04	4.91E-05	1.03E-04	-3.21E-05					
93	598.67	-4.80E-01	2.77E-01	-2.71E-01	-3.06E+00	-1.75E+00	3.41E+00	2.98E+00	-3.18E+00	-48.53	2.77E-01	3.06E+00		
	16.00	-1.33E-05	1.59E-05	-5.22E-06	-2.35E-04	-1.34E-04	2.62E-04	1.20E-04	-1.17E-04					
94	645.75	4.14E-01	4.61E-01	1.33E-01	-1.97E+00	-6.91E-01	1.65E+00	2.41E+00	-1.54E+00	-45.34	4.14E-01	-1.97E+00		
	24.00	4.85E-06	6.66E-06	-5.97E-06	-1.52E-04	-5.31E-05	1.27E-04	8.17E-05	-7.02E-05					
95	613.10	4.07E-01	8.78E-01	4.39E-01	-3.48E+00	-6.92E-01	4.07E-01	4.13E+00	-2.84E+00	-46.94	4.07E-01	-3.48E+00		
	69.33	-3.29E-06	1.48E-05	-2.07E-06	-2.67E-04	-5.32E-05	3.13E-05	1.40E-04	-1.28E-04					
96	708.45	8.21E-01	3.21E-01	4.31E-02	-1.58E+00	-7.14E-01	1.27E+00	2.18E+00	-1.03E+00	-40.51	1.28E+00	1.44E+00		
	55.00	1.86E-05	-6.76E-07	-1.14E-05	-1.22E-04	-5.49E-05	9.80E-05	7.06E-05	-5.27E-05					
97	613.10	2.19E+00	9.10E-01	7.77E-01	-1.19E+00	-2.36E+00	7.77E-01	2.90E+00	2.01E-01	-30.86	9.10E-01	1.19E+00		
	96.00	4.15E-05	-7.57E-06	-1.27E-05	-9.13E-05	-1.81E-04	5.98E-05	6.88E-05	-3.48E-05					
98	682.27	9.09E-01	4.50E-01	1.28E-01	-2.26E+00	-7.05E-01	1.34E+00	2.97E+00	-1.62E+00	-42.13	-1.24E+00	1.26E+00		
	112.00	1.86E-05	9.59E-07	-1.14E-05	-1.76E-04	-5.45E-05	1.03E-04	9.80E-05	-7.85E-05					
99	751.43	3.34E+00	-8.82E-02	7.07E-01	-2.35E+00	-1.78E+00	2.99E+00	4.54E+00	-1.28E+00	-26.92	-8.82E-02	2.35E+00		
	96.00	8.51E-05	-4.69E-05	-1.64E-05	-1.81E-04	-1.37E-04	2.30E-04	1.31E-04	-9.28E-05					
100	682.25	7.63E-01	2.90E-01	-5.53E-02	-8.07E-01	-5.48E-01	1.02E+00	1.37E+00	-3.15E-01	-36.83	7.63E-01	-8.07E-01		
	152.00	1.84E-05	1.79E-07	-1.31E-05	-6.21E-05	-4.21E-05	7.81E-05	4.16E-05	-2.31E-05					
101	648.67	4.04E+00	1.86E+00	1.71E+00	-5.68E-01	-1.66E+00	6.34E-01	4.18E+00	1.72E+00	-13.77	1.86E+00	5.68E-01		
	192.00	7.17E-05	-1.21E-05	-1.77E-05	-4.37E-05	-1.27E-04	4.88E-05	7.70E-05	-1.75E-05					
102	725.25	6.82E-01	-3.03E-01	-3.70E-01	-7.96E-01	-4.32E-01	7.66E-01	1.13E+00	-7.47E-01	-29.14	1.92E-01	9.36E-01		
	232.70	2.61E-05	-1.17E-05	-1.43E-05	-6.13E-05	-3.33E-05	5.89E-05	4.32E-05	-2.88E-05					
103	635.50	6.14E-01	7.48E-01	1.32E-01	-4.63E-02	-3.30E-01	-2.76E-01	7.62E-01	5.99E-01	-72.65	6.14E-01	-4.63E-02		
	258.00	7.20E-06	1.23E-05	-1.13E-05	-3.56E-06	-2.54E-05	-2.12E-05	1.29E-05	6.64E-06					
104	635.50	1.54E+00	1.05E+00	4.04E-01	4.55E-03	-1.23E+00	7.91E-02	1.54E+00	1.05E+00	.53	1.05E+00	-4.55E-03		
	290.67	2.63E-05	7.49E-06	-1.74E-05	3.50E-07	-9.44E-05	6.09E-06	2.64E-05	7.48E-06					
105	569.00	-5.76E-01	3.01E-01	-5.79E-02	-3.14E+00	-9.62E-01	2.91E+00	3.03E+00	-3.31E+00	-48.98	-5.76E-01	-3.14E+00		
	16.50	-1.85E-05	1.52E-05	1.43E-06	-2.42E-04	-7.40E-05	2.23E-04	1.20E-04	-1.24E-04					
106	508.50	-7.27E+00	-4.78E+00	-4.68E+00	-2.43E+00	-2.38E+00	8.60E-01	-3.29E+00	-8.76E+00	-58.57	-4.78E+00	2.43E+00		

	13.00	-9.55E-05	6.47E-08	3.05E-06	-1.97E-04	-1.53E-04	6.62E-05	5.73E-05	-1.53E-04				
107	521.00	-1.95E+00	-7.10E-01	-6.72E-01	-3.16E+00	-8.20E-01	1.62E+00	1.93E+00	-4.49E+00	-50.13	-1.65E+00	-3.16E+00	
	15.75	-3.57E-05	8.25E-06	9.71E-06	-2.43E-04	-6.31E-05	1.25E-04	1.10E-04	-1.37E-04				
108	526.25	-1.59E+00	-5.75E-01	-5.91E-01	-3.40E+00	-6.88E-01	1.68E+00	2.43E+00	-4.55E+00	-49.15	-1.59E+00	-3.48E+00	
	21.00	-3.08E-05	6.16E-06	7.54E-06	-2.67E-04	-5.29E-05	1.29E-04	1.24E-04	-1.46E-04				
109	515.50	-4.60E+00	-3.00E+00	-3.05E+00	-4.35E+00	-1.65E+00	6.72E-01	6.25E-01	-8.23E+00	-50.19	-3.00E+00	4.35E+00	
	26.00	-5.98E-05	1.54E-06	-2.79E-07	-3.35E-04	-1.27E-04	6.71E-05	1.41E-04	-1.99E-04				
110	531.50	-6.30E-01	-2.59E-01	-2.43E-01	-2.82E+00	-4.74E-01	1.42E+00	2.38E+00	-3.27E+00	-46.88	-6.30E-01	-2.82E+00	
	34.50	-1.19E-05	2.49E-06	3.07E-06	-2.17E-04	-3.64E-05	1.10E-04	1.04E-04	-1.13E-04				
111	515.50	1.86E+00	3.11E+00	2.22E+00	-8.42E+00	-3.67E-01	-6.52E-02	1.09E+01	-5.96E+00	-47.11	1.86E+00	-8.42E+00	
	44.00	-7.34E-06	4.05E-05	6.31E-06	-6.48E-04	-2.82E-05	-5.01E-06	3.42E-04	-3.08E-04				
112	515.50	3.52E-01	2.01E-01	1.32E-01	-1.93E+00	-9.37E-01	7.03E-01	2.21E+00	-1.66E+00	-43.88	2.01E-01	1.93E+00	
	53.33	6.02E-06	2.01E-07	-2.46E-06	-1.49E-04	-7.21E-05	5.41E-05	7.74E-05	-7.12E-05				
113	547.50	1.32E+00	1.40E-02	4.47E-01	-2.95E+00	-5.69E-01	2.98E+00	3.68E+00	-2.35E+00	-38.77	-9.06E-01	2.58E+00	
	64.00	3.11E-05	-1.90E-05	-2.31E-06	-2.27E-04	-4.37E-05	2.30E-04	1.22E-04	-1.1CE-04				
114	515.50	2.44E+00	2.99E+00	2.15E+00	-3.54E+00	-2.09E-01	7.61E-01	6.26E+00	-8.40E-01	-47.16	2.44E+00	-3.54E+00	
	74.67	1.08E-05	3.14E-05	-5.95E-07	-2.72E-04	-1.61E-05	5.86E-05	1.58E-04	-1.15E-04				
115	515.50	4.54E+00	2.86E+00	2.83E+00	-1.25E+00	-7.65E-01	6.63E-01	5.21E+00	2.19E+00	-28.10	2.86E+00	1.25E+00	
	88.00	6.21E-05	-2.31E-06	-3.64E-06	-9.63E-05	-5.88E-05	5.10E-05	8.78E-05	-2.80E-05				
116	547.50	2.95E+00	5.57E-01	1.28E+00	-3.71E+00	-5.23E-01	2.32E+00	5.65E+00	-2.14E+00	-36.06	-1.05E+00	2.71E+00	
	104.00	6.09E-05	-3.11E-05	-3.43E-06	-2.85E-04	-4.02E-05	1.78E-04	1.65E-04	-1.35E-04				
117	515.50	1.01E+00	1.19E+00	6.70E-01	-2.79E+00	-5.88E-02	1.20E+00	3.90E+00	-1.65E+00	-45.93	1.01E+00	-2.79E+00	
	120.00	7.31E-06	1.42E-05	-5.77E-06	-2.15E-04	-4.52E-06	9.24E-05	1.18E-04	-9.67E-05				
118	515.50	3.12E+00	1.90E+00	1.71E+00	-1.07E+00	-4.29E-01	5.58E-01	3.74E+00	1.27E+00	-30.18	1.90E+00	1.07E+00	
	136.00	4.60E-05	-9.60E-07	-8.16E-06	-8.26E-05	-3.30E-05	4.29E-05	7.01E-05	-2.50E-05				
119	547.50	2.51E+00	9.03E-01	1.09E+00	-2.54E+00	-3.00E-01	1.38E+00	4.37E+00	-9.54E-01	-36.20	-1.96E-01	1.86E+00	
	152.00	4.71E-05	-1.47E-05	-7.68E-06	-1.95E-04	-2.31E-05	1.06E-04	1.19E-04	-8.62E-05				
120	515.50	1.20E+00	1.16E+00	5.72E-01	-1.92E+00	-4.08E-02	6.86E-01	3.10E+00	-7.45E-01	-44.74	1.20E+00	-1.92E+00	
	168.00	1.38E-05	1.25E-05	-1.02E-05	-1.48E-04	-3.14E-06	5.28E-05	8.71E-05	-6.08E-05				
121	515.50	4.05E+00	2.46E+00	2.18E+00	-8.32E-01	-4.64E-01	4.16E-01	4.40E+00	2.1CE+00	-23.19	2.46E+00	8.32E-01	
	184.00	6.02E-05	-7.82E-07	-1.17E-05	-6.40E-05	-3.57E-05	3.20E-05	7.39E-05	-1.45E-05				
122	547.50	1.58E+00	-5.29E-01	1.74E-02	-2.70E+00	-2.62E-01	1.87E+00	3.42E+00	-2.38E+00	-34.36	-1.68E+00	1.89E+00	
	200.00	4.89E-05	-3.21E-05	-1.10E-05	-2.08E-04	-2.01E-05	1.44E-04	1.20E-04	-1.03E-04				
123	515.50	-4.57E-01	-7.09E-01	-9.73E-01	-1.36E+00	1.62E-01	8.43E-01	7.79E-01	-1.94E+00	-42.34	-4.57E-01	-1.36E+00	
	216.00	5.94E-06	-3.77E-06	-1.39E-05	-1.04E-04	1.25E-05	6.48E-05	5.35E-05	-5.13E-05				
124	515.50	1.02E+00	4.83E-01	9.13E-02	-3.12E-01	6.81E-02	2.75E-01	1.16E+00	3.39E-01	-24.70	4.83E-01	3.12E-01	
	232.00	2.16E-05	1.08E-06	-1.40E-05	-2.40E-05	5.24E-06	2.11E-05	2.71E-05	-4.43E-06				
125	547.50	5.13E-01	1.61E-01	-2.09E-01	-6.12E-01	5.64E-02	1.10E+00	9.74E-01	-3.0CE-01	-36.97	-1.07E-01	4.57E-01	
	248.00	1.46E-05	1.08E-06	-1.32E-05	-4.71E-05	4.34E-06	8.47E-05	3.24E-05	-1.67E-05				
126	515.50	-9.56E-01	-1.33E+00	-1.45E+00	1.07E-01	3.10E-01	8.91E-01	-9.27E-01	-1.36E+00	14.81	-9.56E-01	1.07E-01	
	264.00	4.33E-06	-1.02E-05	-1.47E-05	8.25E-06	2.38E-05	6.86E-05	5.42E-06	-1.13E-05				
127	515.50	3.89E-01	1.33E-01	-2.20E-01	-6.97E-02	4.95E-01	1.60E-01	4.07E-01	1.15E-01	-14.28	1.33E-01	6.97E-02	
	276.00	1.16E-05	1.80E-06	-1.18E-05	-5.36E-06	3.81E-05	1.23E-05	1.23E-05	1.12E-06				
128	531.50	-6.31E-01	-3.96E-01	-8.63E-01	-5.35E-02	2.72E-01	1.02E-01	-3.85E-01	-6.43E-01	-77.77	-6.31E-01	-5.35E-02	
	297.00	-3.50E-06	5.54E-06	-1.24E-05	-4.11E-06	2.09E-05	7.85E-06	5.98E-06	-3.95E-06				
129	515.50	-2.14E+00	-1.59E+00	-1.96E+00	4.65E-01	2.88E-01	5.49E-01	-1.33E+00	-2.41E+00	60.30	-2.14E+00	4.65E-01	
	320.00	-1.98E-05	1.33E-06	-1.27E-05	3.58E-05	2.21E-05	4.22E-05	1.15E-05	-3.01E-05				
183	565.50	-2.09E-01	4.72E-01	2.99E-01	-4.75E+00	-1.26E+00	3.70E+00	4.90E+00	-4.63E+00	-47.05	-2.09E-01	-4.75E+00	
	-8.00	-1.42E-05	1.20E-05	5.33E-06	-3.66E-04	-9.70E-05	2.85E-04	1.82E-04	-1.84E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .4300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7002E+02	.4340E+03	.9449E+02	-.4[illegible]02	-.9782E+02	.6902E+02
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
	-.6298E+01	-.2467E+01	-.8613E+00	-.[illegible]02	.7678E+02	.3828E+02

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.4644E+01	.6790E+00	-.2905E+00	-.7825E+02	.5790E+02	.7091E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.6667E+01	-.1571E+01	.4624E-01	-.1100E+03	.9196E+02	.1038E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5990E+01	.9535E+00	.2293E-01	-.1414E+03	.1252E+03	.1399E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1905E+01	.9583E+00	-.3801E+00	-.1867E+03	.1603E+03	.1837E+03
25	-.1937E+02	-.3112E+01	-.1653E-01	-.2311E+03	.1769E+03	.2266E+03
26	-.2510E+01	-.1052E+01	.2072E+00	-.2515E+03	.1873E+03	.2579E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1099E+03	.2036E+02	-.3063E+01	-.2594E+03	.2613E+03	.2835E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1519E+04	-.2741E+03	.1751E+02	-.3603E+03	.7130E+03	.4481E+03
40	-.1146E+04	-.1895E+03	.4369E+01	-.3420E+03	.7031E+03	.4110E+03
41	-.9464E+03	-.1221E+03	-.1002E+02	-.2984E+03	.6370E+03	.3565E+03
42	-.2282E+03	-.2247E+02	-.1280E+02	-.2611E+03	.4501E+03	.3109E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2436E+04	.3290E+03	.1382E+02	-.6854E+02	.7555E+03	-.2330E+03
48	.2125E+04	.2940E+03	.1533E+02	-.1047E+03	.7020E+03	-.1664E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3119E+04	.4743E+03	.1489E+02	.1095E+03	.5270E+03	-.6970E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.9864E+01	-.8008E+01	.1250E+01	-.4076E+02	.7435E+03	-.2197E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2133E+04	.3234E+03	.1473E+02	.6025E+02	.4231E+03	-.6552E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1490E+04	.2268E+03	.1956E+02	.5887E+02	.3935E+03	-.6364E+03
66	.4592E+03	.7595E+02	.2462E+02	.6950E+02	.3183E+03	-.6636E+03
67	-.1049E+04	-.1554E+03	.2459E+02	.6657E+02	.2396E+03	-.6625E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1567E+04	-.2784E+03	.2046E+02	-.1711E+02	.1650E+03	-.6600E+02
76	.2046E+03	.3152E+02	.1379E+02	-.4050E+02	.7068E+02	-.6674E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.7806E+03	-.1173E+03	.9952E+01	-.6040E+02	-.2613E+02	-.6447E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3336E+03	.4934E+02	.6965E+01	-.1035E+03	-.8844E+02	-.6284E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4543E+03	-.6975E+02	.6195E+01	-.7526E+02	-.1769E+03	-.5803E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3112E+03	.4456E+02	.5193E+01	-.6477E+02	-.2278E+03	-.5296E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3536E+03	-.5587E+02	.5274E+01	-.6850E+02	-.3025E+03	-.4764E+03
109	.2119E+03	.2850E+02	.4422E+01	-.7313E+02	-.3493E+03	-.4119E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2933E+03	-.4786E+02	.4257E+01	-.3774E+02	-.4048E+03	-.3428E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1256E+03	-.2296E+02	.5402E+00	-.1601E+02	-.4272E+03	-.2711E+03
115	-.6361E+02	-.1384E+02	-.7240E+00	.6103E+00	-.4283E+03	-.1983E+03
116	-.1121E+03	-.2159E+02	-.2054E+01	.1135E+02	-.4439E+03	-.1524E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1339E+03	-.2508E+02	-.3349E+01	-.3930E+01	-.4524E+03	-.1326E+03
119	-.1005E+03	-.1968E+02	-.4765E+01	.3428E+02	-.4117E+03	-.7815E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2494E+03	-.3169E+02	-.1483E+02	.2709E+02	-.3520E+03	-.4267E+02
122	-.2077E+03	-.1383E+02	-.2430E+02	-.1041E+02	-.3385E+03	-.4106E+02
123	-.1564E+03	-.8790E+01	-.2161E+02	-.6795E+01	-.2952E+03	-.3686E+02
124	-.1120E+03	-.6101E+01	-.1493E+02	-.4322E+01	-.2426E+03	-.3346E+02
125	-.7306E+02	-.2695E+01	-.1097E+02	-.2279E+01	-.2001E+03	-.3023E+02
126	-.2090E+02	.5386E+01	-.1020E+02	.3344E+00	-.1676E+03	-.2677E+02
127	.1713E+02	.1171E+02	-.1037E+02	.2067E+01	-.1424E+03	-.2240E+02
128	.5574E+02	.1681E+02	-.9837E+01	.6222E+01	-.9118E+02	-.1749E+02
129	.5578E+02	.1445E+02	-.8192E+01	.8015E+01	-.5035E+02	-.1325E+02
130	.3837E+02	.8776E+01	-.5920E+01	.9193E+01	-.2078E+02	-.1039E+02
131	.9991E+01	.1566E+01	-.3939E+01	.7030E+01	-.5483E+01	-.6703E+01
132	-.1105E+01	-.7242E+00	-.2894E+01	.4716E+01	-.6976E+01	-.7596E+01
133	-.2038E+01	-.6181E+00	-.2665E+01	.3288E+01	-.9039E+01	-.6445E+01
[illegible]	-.5501E+00	-.1711E+00	-.2671E+01	.25[illegible]+01	-.7960E+01	-.5086E+01
[illegible]	.1321E-01	-.5048E-02	-.3002E+01	.1[illegible]01	-.5547E+01	-.3747E+01
[illegible]	.5154E-03	-.1602E-01	-.3997E+01	[illegible]01	-.3584E+01	-.2497E+01

.0692E-01	.2940E-01	-.6332E+01	.3[illegible]00	-.1607E+01	-.1362E+01
-.3508E-01	-.1482E+00	-.1102E+03	.5[illegible]00	.4088E+00	-.6686E+00
-.1061E+00	-.1720E+00	.4906E+02	.90[illegible]-01	-.2173E+00	.2091E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.24666E-01	.13779E-03	-.24690E-01	.00000E+00
3	.45149E-01	.46535E-03	-.45170E-01	.00000E+00
4	.49058E-01	.45739E-03	-.48989E-01	.00000E+00
5	.53081E-01	.30475E-04	-.53102E-01	.00000E+00
6	.60250E-01	-.11314E-04	-.60242E-01	.91530E-05
7	.55142E-01	.85408E-03	-.55866E-01	.00000E+00
8	.60424E-01	.64244E-03	-.60619E-01	.17503E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.24486E-01	.24472E-03	-.24724E-01	.00000E+00
11	.45488E-01	.52911E-03	-.46134E-01	.00000E+00
12	.50831E-01	.59042E-03	-.51589E-01	.00000E+00
13	.55137E-01	.46159E-03	-.55509E-01	.00000E+00
14	.60796E-01	.61091E-03	-.61613E-01	.45741E-05
15	.55238E-01	.11662E-02	-.58305E-01	.00000E+00
16	.61347E-01	.96931E-03	-.63248E-01	-.30426E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.24764E-01	.32112E-03	-.25735E-01	.00000E+00
19	.46419E-01	.60375E-03	-.48448E-01	.00000E+00
20	.52036E-01	.75247E-03	-.54427E-01	.00000E+00
21	.56527E-01	.45246E-03	-.58705E-01	.00000E+00
22	.62110E-01	.52083E-03	-.65531E-01	.83345E-06
23	.58124E-01	.16496E-02	-.63500E-01	.00000E+00
24	.63050E-01	.13796E-02	-.68528E-01	.18642E-04
25	.63706E-01	.18310E-02	-.70464E-01	-.71653E-06
26	.64008E-01	.16973E-02	-.71611E-01	-.91735E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.24914E-01	.61055E-03	-.26604E-01	.00000E+00
29	.47630E-01	.11234E-02	-.50781E-01	.00000E+00
30	.53296E-01	.12690E-02	-.57770E-01	.00000E+00
31	.58570E-01	.16025E-02	-.64404E-01	.00000E+00
32	.64494E-01	.19216E-02	-.72882E-01	.51387E-04
33	.58453E-01	.24959E-02	-.64425E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.24793E-01	.94938E-03	-.26657E-01	.00000E+00
36	.48085E-01	.13337E-02	-.51335E-01	.00000E+00
37	.53945E-01	.15540E-02	-.57561E-01	.00000E+00
38	.60253E-01	.19139E-02	-.66821E-01	.00000E+00
39	.65214E-01	.26347E-02	-.75052E-01	-.39372E-04
40	.65088E-01	.29346E-02	-.74547E-01	-.60388E-05
41	.64968E-01	.28634E-02	-.74077E-01	.17535E-04
42	.64780E-01	.25073E-02	-.73547E-01	.40709E-04
43	.53832E-01	.20515E-02	-.56448E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.23386E-01	-.33516E-03	-.24415E-01	.00000E+00
46	.48235E-01	.11549E-02	-.49352E-01	.00000E+00
47	.65274E-01	.23346E-02	-.75242E-01	-.34010E-04
48	.65256E-01	.25345E-02	-.75219E-01	-.52455E-04
49	.60195E-01	.20098E-02	-.66253E-01	.00000E+00
50	.65887E-01	.25309E-02	-.75509E-01	-.15062E-03
51	.60948E-01	.22708E-02	-.64806E-01	.00000E+00
52	.69308E-01	.21958E-02	-.71103E-01	.00000E+00
53	.65371E-01	.21949E-02	-.75328E-01	-.67488E-05
54	.53547E-01	.11442E-02	-.52679E-01	.00000E+00
55	.60101E-01	.18342E-02	-.58259E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00

57	.20165E-01	.21175E-02	-.18070E-01	.00000E+00
58	.43354E-01	.13530E-02	-.34807E-01	.00000E+00
59	.64741E-01	.15466E-02	-.67491E-01	.00000E+00
60	.65528E-01	.20297E-02	-.69139E-01	.00000E+00
61	.66467E-01	.25353E-02	-.75697E-01	-.23124E-03
62	.50000E-01	.55300E-03	-.42073E-01	.00000E+00
63	.55568E-01	.34666E-03	-.50598E-01	.00000E+00
64	.60716E-01	.21356E-02	-.72094E-01	.00000E+00
65	.67249E-01	.25403E-02	-.75873E-01	-.28691E-03
66	.69184E-01	.25464E-02	-.76227E-01	-.34794E-03
67	.71265E-01	.25463E-02	-.76613E-01	-.33135E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.15932E-01	-.32327E-03	-.11061E-01	.00000E+00
70	.45964E-01	.13293E-04	-.35652E-01	.00000E+00
71	.68143E-01	.12383E-03	-.58332E-01	.00000E+00
72	.71641E-01	.19428E-02	-.72292E-01	.00000E+00
73	.56610E-01	.86386E-04	-.41304E-01	.00000E+00
74	.76020E-01	.19304E-02	-.75509E-01	.00000E+00
75	.73041E-01	.25476E-02	-.76952E-01	-.25174E-03
76	.75516E-01	.26126E-02	-.77605E-01	-.17566E-03
77	.65066E-01	-.46952E-03	-.49763E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.19103E-01	.57525E-03	-.14745E-01	.00000E+00
80	.44059E-01	-.59920E-03	-.31920E-01	.00000E+00
81	.48769E-01	-.70630E-03	-.34931E-01	.00000E+00
82	.54543E-01	-.10995E-02	-.41278E-01	.00000E+00
83	.76023E-01	-.16076E-03	-.64812E-01	.00000E+00
84	.71779E-01	-.82708E-03	-.55538E-01	.00000E+00
85	.78104E-01	.26298E-02	-.78424E-01	-.14024E-03
86	.78806E-01	.19946E-02	-.77672E-01	.00000E+00
87	.65661E-01	-.74604E-03	-.47654E-01	.00000E+00
88	.79000E-01	.13859E-02	-.72066E-01	.00000E+00
89	.79947E-01	.27195E-02	-.79230E-01	-.11267E-03
90	.50957E-01	-.36035E-03	-.27959E-01	.00000E+00
91	.54566E-01	-.68331E-03	-.30490E-01	.00000E+00
92	.58405E-01	.10606E-03	-.32367E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.22180E-01	.00000E+00	-.12161E-01	.00000E+00
95	.40647E-01	.00000E+00	-.21596E-01	.00000E+00
96	.46453E-01	.00000E+00	-.24597E-01	.00000E+00
97	.48540E-01	.00000E+00	-.24559E-01	.00000E+00
98	.47772E-01	.00000E+00	-.23996E-01	.00000E+00
99	.52027E-01	.18190E-03	-.26156E-01	.00000E+00
100	.63789E-01	.93546E-04	-.37586E-01	.00000E+00
101	.76375E-01	.59463E-03	-.55964E-01	.00000E+00
102	.82806E-01	.28057E-02	-.80381E-01	-.10135E-03
103	.79708E-01	.39757E-03	-.66799E-01	.00000E+00
104	.84012E-01	.24224E-02	-.80477E-01	.00000E+00
105	.84797E-01	.28606E-02	-.81382E-01	-.87634E-04
106	.83261E-01	.46064E-03	-.72859E-01	.00000E+00
107	.87317E-01	.25978E-02	-.81909E-01	.00000E+00
108	.87094E-01	.29101E-02	-.82316E-01	-.83731E-04
109	.86748E-01	.29479E-02	-.83089E-01	-.70892E-04
110	.87076E-01	.29137E-02	-.76863E-01	.00000E+00
111	.90909E-01	.32645E-02	-.84269E-01	.00000E+00
112	.90544E-01	.29191E-02	-.83750E-01	-.63468E-04
113	.90219E-01	.23509E-02	-.79836E-01	.00000E+00
114	.91542E-01	.29397E-02	-.84229E-01	-.24312E-04
115	.91886E-01	.29398E-02	-.84593E-01	-.69021E-05
116	.91910E-01	.28435E-02	-.84755E-01	.63600E-05
117	.91458E-01	.34253E-02	-.85888E-01	.00000E+00
118	.91775E-01	.28355E-02	-.84824E-01	.[illegible]256E-04
[illegible]	.91313E-01	.27332E-02	-.84879E-01	.[illegible]396E-04
[illegible]	.92250E-01	.30270E-02	-.85973E-01	.[illegible]000E+00

	.90376E-01	.26153E-02	-.84820E-01	.2050E-04
	.90270E-01	.22494E-02	-.84920E-01	.2066E-04
123	.90109E-01	.19405E-02	-.84996E-01	.71718E-04
124	.89925E-01	.13755E-02	-.85073E-01	.81621E-04
125	.89678E-01	.84443E-03	-.85151E-01	.93326E-04
126	.89105E-01	-.17429E-03	-.85280E-01	.10681E-03
127	.88477E-01	-.12651E-02	-.85403E-01	.10849E-03
128	.87690E-01	-.34788E-02	-.85656E-01	.88014E-04
129	.87020E-01	-.50358E-02	-.85889E-01	.57097E-04
130	.86643E-01	-.60115E-02	-.86139E-01	.21085E-04
131	.86604E-01	-.60094E-02	-.86523E-01	-.17467E-04
132	.87047E-01	-.49137E-02	-.86861E-01	-.27447E-04
133	.87358E-01	-.37178E-02	-.87157E-01	-.22462E-04
134	.87553E-01	-.29268E-02	-.87398E-01	-.17400E-04
135	.87683E-01	-.22132E-02	-.87592E-01	-.15574E-04
136	.87776E-01	-.15227E-02	-.87734E-01	-.15772E-04
137	.87830E-01	-.84947E-03	-.87818E-01	-.15564E-04
138	.87867E-01	-.12309E-03	-.87867E-01	-.16453E-04
139	.87867E-01	-.15921E-04	-.87867E-01	-.15976E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4400E+01

FIM	P-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.20E-02	7.25E-02	5.70E-03	3.01E+00	8.73E-03	-3.03E+00	3.05E+00	-2.97E+00	45.29	1.20E-02	3.01E+00
	-303.00	-6.26E-07	2.13E-06	-9.13E-07	2.73E-04	7.94E-07	-2.76E-04	1.37E-04	-1.36E-04			
2	72.00	4.28E-02	1.05E-01	-4.04E-02	2.54E+00	-2.59E-03	-2.61E+00	2.62E+00	-2.47E+00	45.35	4.28E-02	2.54E+00
	-213.00	5.51E-07	3.38E-06	-3.23E-06	2.31E-04	-2.36E-07	-2.37E-04	1.17E-04	-1.14E-04			
3	72.00	4.25E-01	1.23E-01	-1.05E-01	1.71E+00	-1.69E-01	-1.86E+00	1.99E+00	-1.44E+00	42.48	4.25E-01	1.71E+00
	-138.00	7.33E-06	4.78E-07	-4.71E-06	7.78E-05	-7.66E-06	-8.44E-05	4.29E-05	-3.51E-05			
4	24.00	1.99E+00	1.04E+00	1.32E+00	3.21E+00	-5.36E-01	-3.52E+00	4.76E+00	-1.73E+00	40.83	1.99E+00	3.21E+00
	-68.00	2.86E-05	-7.62E-06	2.87E-06	2.47E-04	-4.13E-05	-2.71E-04	1.35E-04	-1.14E-04			
5	72.00	-6.20E-01	-3.10E-01	-7.55E-01	1.40E+00	5.36E-02	-1.50E+00	9.45E-01	-1.88E+00	48.15	-3.10E-01	-1.40E+00
	-88.00	-5.32E-06	6.59E-06	-1.05E-05	1.08E-04	4.12E-06	-1.15E-04	5.49E-05	-5.36E-05			
6	120.00	-3.29E-01	-3.24E-01	-4.91E-01	2.73E+00	1.47E-01	-2.69E+00	2.40E+00	-3.06E+00	45.02	2.36E+00	-4.90E-01
	-68.00	-6.90E-08	1.00E-07	-6.32E-06	2.10E-04	1.13E-05	-2.07E-04	1.05E-04	-1.05E-04			
7	36.25	7.66E-01	3.03E-01	1.94E-01	1.53E+00	-2.01E-01	-1.47E+00	2.08E+00	-1.01E+00	40.70	7.13E-01	1.54E+00
	-19.00	1.56E-05	-2.21E-06	-6.43E-06	1.18E-04	-1.55E-05	-1.13E-04	6.61E-05	-5.28E-05			
8	108.00	-7.97E-02	-1.58E-01	-2.73E-01	1.19E+00	5.95E-03	-1.29E+00	1.07E+00	-1.31E+00	44.05	-7.97E-02	1.19E+00
	-19.00	2.55E-06	-4.77E-07	-4.88E-06	9.13E-05	4.57E-07	-9.96E-05	4.67E-05	-4.46E-05			
9	216.00	1.41E-01	1.88E-01	8.85E-02	3.01E+00	-2.32E-02	-3.09E+00	3.18E+00	-2.85E+00	45.23	1.41E-01	3.01E+00
	-303.00	9.68E-07	3.14E-06	-1.40E-06	2.74E-04	-2.11E-06	-2.81E-04	1.39E-04	-1.35E-04			
10	216.00	2.17E-01	1.93E-01	2.56E-02	2.61E+00	-7.75E-02	-2.72E+00	2.82E+00	-2.41E+00	44.87	2.17E-01	2.61E+00
	-213.00	4.20E-06	3.13E-06	-4.50E-06	2.38E-04	-7.05E-06	-2.47E-04	1.22E-04	-1.15E-04			
11	216.00	4.07E-01	1.60E-01	-2.15E-01	2.03E+00	-2.45E-01	-2.16E+00	2.32E+00	-1.75E+00	43.25	4.07E-01	2.03E+00
	-138.00	7.42E-06	1.78E-06	-6.74E-06	9.22E-05	-1.11E-05	-9.81E-05	5.08E-05	-4.16E-05			
12	168.00	9.08E-01	7.57E-01	5.01E-01	3.10E+00	-4.46E-01	-3.20E+00	3.93E+00	-2.27E+00	44.30	9.08E-01	3.10E+00
	-68.00	1.11E-05	5.30E-06	-4.51E-06	2.38E-04	-3.43E-05	-2.46E-04	1.27E-04	-1.11E-04			
13	216.00	-8.45E-01	-3.07E-01	-8.64E-01	1.26E+00	-1.83E-02	-1.31E+00	7.12E-01	-1.86E+00	51.03	-3.07E-01	-1.26E+00
	-88.00	-1.04E-05	1.03E-05	-1.11E-05	9.69E-05	-1.41E-06	-1.00E-04	4.95E-05	-4.96E-05			
14	264.00	5.01E-03	-2.88E-01	-4.42E-01	2.66E+00	4.55E-02	-2.73E+00	2.53E+00	-2.81E+00	43.42	2.45E+00	-6.24E-01
	-68.00	8.18E-06	-3.10E-06	-9.05E-06	2.05E-04	3.50E-06	-2.10E-04	1.05E-04	-1.06E-04			
15	180.00	3.17E-01	6.20E-02	-1.24E-01	1.34E+00	-3.02E-01	-1.30E+00	1.53E+00	-1.15E+00	42.28	3.17E-01	1.34E+00
	-19.00	9.39E-06	-4.10E-07	-7.58E-06	1.03E-04	-2.32E-05	-9.97E-05	5.61E-05	-4.71E-05			
16	252.00	1.65E-01	-1.07E-01	-3.33E-01	1.13E+00	-1.15E-01	-1.36E+00	1.16E+00	-1.11E+00	41.55	1.65E-01	1.13E+00
	-19.00	9.39E-06	-1.11E-06	-9.79E-06	8.67E-05	-8.84E-06	-1.05E-04	4.78E-05	-3.95E-05			
17	361.00	1.80E-01	2.83E-01	1.29E-01	3.05E+00	-1.25E-02	-3.21E+00	3.28E+00	-2.82E+00	45.48	1.80E-01	3.05E+00
	-303.00	5.11E-07	5.13E-06	-1.84E-06	2.77E-04	-1.13E-06	-2.91E-04	1.41E-04	-1.36E-04			
18	361.00	2.63E-01	2.58E-01	4.11E-02	2.74E+00	-6.09E-02	-2.89E+00	3.00E+00	-2.48E+00	44.97	2.63E-01	2.74E+00
	-213.00	4.66E-06	4.42E-06	-5.43E-06	2.49E-04	-5.54E-06	-2.62E-04	1.29E-04	-1.20E-04			
19	361.00	4.57E-01	1.93E-01	-2.82E-01	2.15E+00	-2.44E-01	-2.43E+00	2.48E+00	-1.83E+00	43.24	4.57E-01	2.15E+00

	-138.00	8.46E-06	2.45E-06	-9.24E-06	9.76E-05	-1.11E-05	-1.11E-04	5.43E-05	-4.34E-05				
20	312.00	1.59E+00	1.14E+00	8.14E-01	3.48E+00	-7.66E-01	-3.85E+00	4.85E+00	-2.12E+00	43.16	1.59E+00	3.48E+00	
	-69.00	2.22E-06	4.56E-06	-7.66E-06	2.65E-04	-5.89E-05	-2.96E-04	1.48E-04	-1.21E-04				
21	360.67	-1.33E+00	-7.22E-01	-1.29E+00	1.62E+00	7.61E-02	-1.91E+00	6.06E-01	-2.71E+00	50.75	-7.22E-01	-1.62E+00	
	-88.00	-1.55E-05	9.59E-06	-1.24E-05	1.25E-04	5.86E-06	-1.47E-04	6.06E-05	-6.69E-05				
22	409.33	8.09E-01	1.11E+00	3.68E-01	3.32E+00	-1.67E-02	-4.16E+00	4.29E+00	-2.37E+00	46.28	4.24E+00	-5.42E-01	
	-68.00	6.02E-06	1.75E-05	-1.09E-05	2.56E-04	-1.28E-06	-3.20E-04	1.40E-04	-1.16E-04				
23	324.00	6.24E-01	1.21E-01	-1.64E-01	1.36E+00	-5.38E-01	-1.37E+00	1.76E+00	-1.01E+00	39.77	6.24E-01	1.36E+00	
	-19.00	1.76E-05	-1.74E-06	-1.27E-05	1.05E-04	-4.14E-05	-1.05E-04	6.13E-05	-4.54E-05				
24	372.00	3.48E-01	-2.85E-01	-5.01E-01	3.62E+00	-5.11E-01	-3.87E+00	3.67E+00	-3.61E+00	42.50	3.48E-01	3.62E+00	
	-9.33	1.82E-05	-6.18E-06	-1.44E-05	2.79E-04	-3.93E-05	-2.98E-04	1.46E-04	-1.34E-04				
25	401.25	1.76E-01	-3.65E-02	-5.22E-01	1.19E+00	-1.73E-01	-1.59E+00	1.26E+00	-1.12E+00	42.44	-9.46E-01	6.21E-01	
	-19.00	1.10E-05	2.50E-06	-1.59E-05	9.12E-05	-1.33E-05	-1.22E-04	5.27E-05	-3.85E-05				
26	427.67	1.62E+00	1.39E+00	7.05E-01	4.05E+00	-6.92E-01	-5.46E+00	5.55E+00	-2.55E+00	44.19	3.99E+00	3.19E+00	
	-9.33	2.14E-05	1.26E-05	-1.36E-05	3.11E-04	-5.33E-05	-4.20E-04	1.73E-04	-1.39E-04				
27	457.00	2.09E-01	4.29E-01	1.95E-01	3.08E+00	1.51E-02	-3.26E+00	3.40E+00	-2.76E+00	46.02	2.09E-01	3.08E+00	
	-303.00	-1.31E-06	8.67E-06	-1.94E-06	2.80E-04	1.37E-06	-2.97E-04	1.44E-04	-1.36E-04				
28	457.00	2.34E-01	2.71E-01	3.45E-02	2.88E+00	-1.27E-02	-3.01E+00	3.14E+00	-2.63E+00	45.18	2.34E-01	2.88E+00	
	-213.00	3.64E-06	5.32E-06	-5.45E-06	2.62E-04	-1.15E-06	-2.74E-04	1.36E-04	-1.27E-04				
29	457.00	7.45E-01	3.25E-01	-1.33E-01	2.24E+00	9.18E-02	-2.49E+00	2.79E+00	-1.72E+00	42.33	7.45E-01	2.24E+00	
	-138.00	1.20E-05	2.47E-06	-7.93E-06	1.02E-04	4.17E-06	-1.13E-04	5.84E-05	-4.40E-05				
30	442.00	7.26E-01	1.67E+00	5.90E-01	3.88E+00	1.20E-01	-4.35E+00	5.11E+00	-2.71E+00	48.46	7.26E-01	3.88E+00	
	-68.00	-4.87E-06	3.14E-05	-1.01E-05	2.99E-04	9.24E-06	-3.35E-04	1.64E-04	-1.37E-04				
31	457.33	-4.52E+00	-2.19E+00	-3.01E+00	1.37E+00	2.16E+00	-2.31E+00	-1.57E+00	-5.23E+00	65.78	-2.19E+00	-1.37E+00	
	-88.00	-6.97E-05	2.37E-05	-7.91E-06	1.05E-04	1.66E-04	-1.78E-04	4.74E-05	-9.34E-05				
32	472.67	7.44E+00	6.04E+00	5.12E+00	3.37E+00	-1.32E+00	-5.54E+00	1.02E+01	3.30E+00	39.14	9.46E+00	2.12E+00	
	-68.00	8.18E-05	2.80E-05	-7.65E-06	2.59E-04	-1.01E-04	-4.26E-04	1.87E-04	-7.76E-05				
33	443.00	6.90E-01	5.01E-01	-1.18E-01	1.97E+00	-2.40E-01	-2.12E+00	2.57E+00	-1.38E+00	43.62	6.90E-01	1.97E+00	
	-19.50	1.48E-05	7.47E-06	-1.63E-05	1.51E-04	-1.85E-05	-1.63E-04	8.69E-05	-6.47E-05				
34	454.00	5.95E+00	4.36E+00	3.64E+00	5.08E+00	-1.54E+00	-6.91E+00	1.03E+01	1.40E-02	40.56	7.96E+00	4.31E+00	
	-11.33	7.54E-05	1.44E-05	-1.32E-05	3.91E-04	-1.19E-04	-5.32E-04	2.43E-04	-1.53E-04				
35	461.67	1.34E+00	1.64E+00	7.19E-01	4.82E+00	-3.87E-01	-7.15E+00	6.31E+00	-3.33E+00	45.88	1.34E+00	4.82E+00	
	-12.00	1.09E-05	2.23E-05	-1.29E-05	3.71E-04	-2.98E-05	-5.50E-04	2.02E-04	-1.69E-04				
36	460.00	-3.63E+00	-1.44E+00	-2.54E+00	4.67E-01	1.92E+00	-2.84E+00	-1.34E+00	-3.73E+00	78.49	-1.44E+00	-4.67E-01	
	-30.00	-5.61E-05	2.84E-05	-1.40E-05	3.59E-05	1.47E-04	-2.19E-04	3.20E-05	-5.98E-05				
37	476.33	2.66E+00	3.61E+00	2.01E+00	3.27E+00	-4.18E-01	-5.88E+00	6.44E+00	-1.69E-01	49.12	3.98E+00	3.19E+00	
	-12.00	1.14E-05	4.78E-05	-1.38E-05	2.51E-04	-3.21E-05	-4.52E-04	1.57E-04	-9.74E-05				
38	558.50	-2.03E-01	-2.90E-02	-1.33E-01	2.90E+00	9.28E-02	-3.12E+00	2.78E+00	-3.02E+00	45.86	-2.03E-01	2.90E+00	
	-303.00	-4.48E-06	3.41E-06	-1.29E-06	2.64E-04	8.43E-06	-2.84E-04	1.31E-04	-1.32E-04				
39	558.50	6.56E-02	3.90E-01	8.22E-02	2.89E+00	1.84E-01	-3.05E+00	3.12E+00	-2.67E+00	46.61	6.56E-02	2.89E+00	
	-213.00	-4.00E-06	1.07E-05	-3.25E-06	2.63E-04	1.67E-05	-2.77E-04	1.35E-04	-1.28E-04				
40	506.17	1.43E-02	8.99E-01	-9.32E-02	6.48E+00	4.53E-01	-6.50E+00	6.95E+00	-6.03E+00	46.95	1.43E-02	6.48E+00	
	-128.00	-3.98E-06	1.61E-05	-6.42E-06	2.94E-04	2.06E-05	-2.95E-04	1.54E-04	-1.41E-04				
41	558.50	-1.82E+00	6.08E-01	-4.77E-01	2.77E+00	1.59E+00	-3.95E+00	2.42E+00	-3.63E+00	56.81	6.08E-01	-2.77E+00	
	-148.00	-3.25E-05	2.27E-05	-2.00E-06	1.26E-04	7.25E-05	-1.79E-04	6.39E-05	-7.37E-05				
42	610.83	3.43E-01	1.04E+00	3.10E-01	5.62E+00	1.10E+00	-5.08E+00	6.32E+00	-4.94E+00	46.78	6.20E+00	-1.14E+00	
	-128.00	-1.09E-06	1.48E-05	-1.83E-06	2.55E-04	4.98E-05	-2.31E-04	1.35E-04	-1.21E-04				
43	501.38	-4.96E-01	-1.57E-01	-6.07E-01	1.47E+00	5.61E-01	-1.85E+00	1.15E+00	-1.80E+00	48.30	-4.96E-01	1.47E+00	
	-78.00	-5.23E-06	7.81E-06	-9.50E-06	1.13E-04	4.32E-05	-1.43E-04	5.81E-05	-5.55E-05				
44	534.67	8.65E-01	7.50E-01	4.54E-01	4.64E+00	3.32E-01	-5.80E+00	5.45E+00	-3.83E+00	44.65	5.37E+00	-8.62E-01	
	-68.00	1.05E-05	6.11E-06	-5.27E-06	3.57E-04	2.55E-05	-4.46E-04	1.87E-04	-1.70E-04				
45	584.67	-8.74E-01	-4.65E-01	-7.19E-01	4.51E+00	1.15E+00	-4.06E+00	3.83E+00	-5.19E+00	46.24	-8.74E-01	4.51E+00	
	-68.00	-1.08E-05	4.19E-06	-4.82E-06	3.47E-04	8.82E-05	-3.12E-04	1.70E-04	-1.77E-04				
46	610.83	-4.51E+00	-1.24E+00	-2.25E+00	2.43E+00	2.15E+00	-3.26E+00	5.49E-02	-5.81E+00	61.98	-1.24E+00	-2.43E+00	
	-88.00	-8.57E-05	4.03E-05	1.42E-06	1.87E-04	1.66E-04	-2.51E-04	9.00E-05	-1.35E-04				
47	482.63	-2.51E-01	4.98E-02	-6.92E-01	1.06E+00	5.76E-01	-2.12E+00	9.72E-01	-1.17E+00	49.03	-2.51E-01	1.06E+00	
	-21.00	1.61E-07	1.17E-05	-1.68E-05	8.17E-05	4.43E-05	-1.63E-04	4.72E-05	-3.53E-05				
48	485.83	9.86E-01	1.46E+00	5.26E-01	3.11E+00	7.87E-02	-6.54E+00	4.34E+00	-1.89E+00	47.20	1.39E+00	3.11E+00	
	-12.00	5.22E-06	2.36E-05	-1.25E-05	2.39E-04	6.05E-06	-5.03E-04	1.34E-04	-1.05E-04				
49	507.88	-4.22E-02	-2.26E-01	-6.43E-01	1.16E+00	3.40E-01	-2.32E+00	1.03E+00	-1.30E+00	42.75	-4.22E-02	1.16E+00	
	-21.00	8.38E-06	1.33E-04	-1.47E-05	8.95E-05	2.61E-05	-1.79E-04	4.98E-05	-4.00E-05				
50	538.67	[illegible]5E-01	2.76E-01	1.88E-01	4.14E+00	1.52E+00	-5[illegible]00	4.71E+00	-3.59E+00	43.04	4.66E+00	-6.84E-0[illegible]	
	-10.00	[illegible]1E-05	-3.76E-06	-7.16E-06	3.19E-04	1.17E-04	-3[illegible]04	1.67E-04	-1.53E-04				
51	484.	[illegible]39E+01	-9.67E+00	-1.02E+01	-2.90E-01	1.09E+00	[illegible]-01	-9.65E+00	-1.40E+01	-66.12	-9.67E+00	2.9[illegible]	

	8.[illegible]	[illegible]1.65E-04	-5.92E-07	-2.06E-05	-2.23E-05	8.33E-05	[illegible]E-05	1.64E-07	-1.65E-04				
52	507.00	[illegible]3.59E+00	4.29E+00	2.56E+00	2.39E+00	6.96E-01	[illegible]4E+00	6.34E+00	1.52E+00	49.15	5.83E+00	1.40E[illegible]	
	9.00	2.32E-05	5.00E-05	-1.60E-05	1.84E-04	5.37E-05	1.45E-04	1.29E-04	-5.61E-05				
53	603.00	1.18E-01	-7.42E-02	1.17E-02	1.77E+00	7.58E-01	-1.64E+00	1.79E+00	-1.75E+00	43.45	-1.01E+00	1.44E+00	
	-18.00	3.92E-06	-3.46E-06	-1.56E-07	1.36E-04	5.63E-05	-1.26E-04	6.83E-05	-6.76E-05				
54	712.00	-2.56E-01	1.98E-01	-1.16E-02	2.75E+00	2.29E-01	-2.60E+00	2.73E+00	-2.79E+00	47.36	-2.56E-01	2.75E+00	
	-303.00	-1.07E-05	5.50E-06	3.75E-07	2.50E-04	2.08E-05	-2.37E-04	1.25E-04	-1.26E-04				
55	712.00	-1.52E+00	-6.64E-01	-3.63E-01	3.03E+00	7.33E-01	-2.56E+00	1.85E+00	-4.24E+00	48.10	-1.52E+00	3.03E+00	
	-213.00	-2.70E-05	2.92E-06	2.98E-06	2.75E-04	6.66E-05	-2.33E-04	1.26E-04	-1.50E-04				
56	712.00	-1.90E+00	-1.02E+00	-5.33E-01	2.31E+00	1.71E+00	-1.97E+00	8.94E-01	-3.82E+00	50.39	-1.90E+00	2.31E+00	
	-138.00	-2.51E-05	-5.00E-06	6.01E-06	1.05E-04	7.78E-05	-8.97E-05	3.84E-05	-6.86E-05				
57	712.00	-4.95E-01	-1.51E-02	4.52E-02	1.45E+00	7.02E-01	-1.55E+00	1.21E+00	-1.72E+00	49.71	-4.95E-01	1.45E+00	
	-78.00	-1.39E-05	4.53E-06	6.85E-06	1.11E-04	5.40E-05	-1.19E-04	5.17E-05	-6.12E-05				
58	712.00	-6.64E-01	-5.18E-01	-1.93E-01	1.95E+00	6.29E-01	-1.86E+00	1.36E+00	-2.55E+00	46.07	-6.64E-01	1.95E+00	
	-18.00	-1.04E-05	-4.80E-06	7.69E-06	1.50E-04	4.84E-05	-1.43E-04	6.76E-05	-8.28E-05				
59	837.00	-7.84E+00	-4.36E+00	-4.88E+00	2.31E+00	1.33E+00	-2.21E+00	-3.21E+00	-8.99E+00	43.48	-4.36E+00	-2.31E+00	
	-318.00	-1.34E-04	2.35E-05	.00E+00	2.10E-04	1.20E-04	-2.01E-04	7.59E-05	-1.87E-04				
60	887.00	-1.14E+00	-1.63E-01	-5.23E-01	6.18E+00	5.14E-01	-4.91E+00	5.55E+00	-6.85E+00	47.27	5.03E+00	-2.48E+00	
	-288.00	-2.82E-05	1.63E-05	.00E+00	5.62E-04	4.67E-05	-4.47E-04	2.76E-04	-2.88E-04				
61	987.00	1.36E+00	8.77E-01	8.95E-01	6.30E+00	-2.70E-01	-4.51E+00	7.42E+00	-5.18E+00	43.90	1.36E+00	6.30E+00	
	-288.00	2.11E-05	-7.92E-07	.00E+00	5.72E-04	-2.46E-05	-4.10E-04	2.97E-04	-2.76E-04				
62	1037.00	-7.84E+00	-4.76E+00	-5.04E+00	4.63E+00	1.08E+00	-3.60E+00	-1.42E+00	-1.12E+01	54.21	-4.76E+00	-4.63E+00	
	-318.00	-1.27E-04	1.28E-05	.00E+00	4.21E-04	9.83E-05	-3.28E-04	1.64E-04	-2.79E-04				
63	862.00	-1.81E-01	-1.39E-01	1.03E-01	3.12E+00	1.44E-01	-2.55E+00	2.96E+00	-3.28E+00	45.19	-1.81E-01	3.12E+00	
	-213.00	-5.41E-06	-3.49E-06	7.49E-06	2.84E-04	1.31E-05	-2.30E-04	1.37E-04	-1.46E-04				
64	1012.00	4.18E-01	2.23E-01	4.97E-01	3.37E+00	-8.44E-02	-2.55E+00	3.69E+00	-3.05E+00	44.17	4.18E-01	3.37E+00	
	-213.00	4.21E-06	-4.65E-06	7.83E-06	3.06E-04	-7.67E-06	-2.32E-04	1.53E-04	-1.54E-04				
65	837.00	2.23E-01	-3.01E-01	6.81E-01	2.35E+00	4.23E-01	-2.66E+00	2.33E+00	-2.41E+00	41.83	-3.01E-01	-2.35E+00	
	-148.00	1.90E-06	-1.00E-05	1.23E-05	1.07E-04	1.92E-05	-1.21E-04	4.98E-05	-5.79E-05				
66	937.00	-3.32E-01	-2.17E-01	4.65E-01	4.17E+00	2.82E-01	-3.14E+00	3.89E+00	-4.44E+00	45.40	2.64E+00	-2.98E+00	
	-128.00	-7.10E-06	-4.50E-06	1.10E-05	1.89E-04	1.28E-05	-1.43E-04	8.89E-05	-1.00E-04				
67	1037.00	-3.77E+00	-9.81E-01	-7.56E-01	3.99E+00	1.28E+00	-3.56E+00	1.85E+00	-6.60E+00	54.64	-9.81E-01	-3.99E+00	
	-148.00	-5.68E-05	6.59E-06	1.17E-05	1.81E-04	5.81E-05	-1.62E-04	7.09E-05	-1.21E-04				
68	837.00	-1.23E+00	-1.27E+00	-6.18E-01	4.54E+00	6.68E-01	-3.54E+00	3.28E+00	-5.75E+00	44.87	-1.23E+00	4.54E+00	
	-68.00	-1.30E-05	-1.47E-05	1.05E-05	3.49E-04	5.14E-05	-2.72E-04	1.61E-04	-1.88E-04				
69	937.00	-1.35E+00	2.16E-01	8.43E-02	2.41E+00	7.03E-01	-2.06E+00	1.96E+00	-3.10E+00	54.01	2.16E-01	-2.41E+00	
	-88.00	-4.03E-05	1.98E-05	1.48E-05	1.85E-04	5.41E-05	-1.59E-04	8.70E-05	-1.08E-04				
70	1037.00	-2.89E-01	1.16E-01	4.16E-01	4.10E+00	-1.71E-01	-4.12E+00	4.02E+00	-4.19E+00	46.41	2.89E+00	-2.83E+00	
	-68.00	-1.38E-05	1.77E-06	1.33E-05	3.16E-04	-1.32E-05	-3.17E-04	1.52E-04	-1.64E-04				
71	862.00	-9.14E-01	-6.46E-01	-1.13E-01	1.92E+00	5.92E-01	-1.75E+00	1.14E+00	-2.70E+00	47.01	-9.14E-01	1.92E+00	
	-18.00	-1.68E-05	-6.45E-06	1.40E-05	1.47E-04	4.55E-05	-1.35E-04	6.23E-05	-8.55E-05				
72	1012.00	3.03E-01	3.76E-01	8.28E-01	2.06E+00	-1.06E-01	-1.60E+00	2.40E+00	-1.72E+00	45.51	3.03E-01	2.06E+00	
	-18.00	-4.91E-06	-2.10E-06	1.53E-05	1.58E-04	-8.17E-06	-1.23E-04	7.57E-05	-8.27E-05				
73	1387.00	4.24E-01	4.38E-01	4.25E-01	2.52E+00	-4.82E-03	-1.65E+00	2.95E+00	-2.09E+00	45.08	4.24E-01	2.52E+00	
	-303.00	2.56E-06	3.20E-06	2.59E-06	2.29E-04	-4.38E-07	-1.50E-04	1.17E-04	-1.12E-04				
74	1387.00	5.61E-02	-8.11E-02	2.43E-01	2.65E+00	2.80E-02	-1.62E+00	2.64E+00	-2.67E+00	44.26	5.61E-02	2.65E+00	
	-213.00	-2.79E-07	-6.52E-06	8.21E-06	2.41E-04	2.54E-06	-1.48E-04	1.17E-04	-1.24E-04				
75	1387.00	5.57E-04	1.71E-01	7.41E-01	1.95E+00	1.14E-01	-1.10E+00	2.04E+00	-1.87E+00	46.25	5.57E-04	1.95E+00	
	-138.00	-4.77E-06	-9.01E-07	1.21E-05	8.87E-05	5.16E-06	-4.99E-05	4.16E-05	-4.72E-05				
76	1187.00	-6.21E-01	-4.58E-01	-7.39E-03	3.01E+00	4.26E-01	-1.23E+00	2.47E+00	-3.55E+00	45.78	-6.21E-01	3.01E+00	
	-68.00	-1.20E-05	-5.67E-06	1.17E-05	2.31E-04	3.27E-05	-9.48E-05	1.07E-04	-1.24E-04				
77	1387.00	-8.37E-01	-6.75E-01	-3.11E-02	1.50E+00	3.16E-01	-1.09E+00	7.48E-01	-2.26E+00	46.54	-6.75E-01	-1.50E+00	
	-88.00	-1.52E-05	-9.01E-06	1.59E-05	1.16E-04	2.43E-05	-8.41E-05	4.57E-05	-7.00E-05				
78	1587.00	-2.25E-01	-1.71E-01	3.43E-01	1.90E+00	-3.17E-02	-7.12E-01	1.70E+00	-2.09E+00	45.40	5.56E-01	-1.74E+00	
	-68.00	-8.06E-06	-6.01E-06	1.38E-05	1.46E-04	-2.44E-06	-5.48E-05	6.59E-05	-8.00E-05				
79	1237.00	-1.09E+00	-4.62E-01	-4.59E-02	1.61E+00	4.55E-01	-9.57E-01	8.65E-01	-2.42E+00	50.55	-1.09E+00	1.61E+00	
	-18.00	-2.45E-05	-1.63E-07	1.58E-05	1.24E-04	3.50E-05	-7.37E-05	5.09E-05	-7.55E-05				
80	1433.80	-6.66E-01	-2.41E-01	2.21E-01	1.88E+00	1.93E-01	-7.03E-01	1.43E+00	-2.34E+00	48.23	-6.66E-01	1.88E+00	
	-8.00	-1.81E-05	-1.73E-06	1.60E-05	1.44E-04	1.48E-05	-5.41E-05	6.27E-05	-8.25E-05				
81	1533.80	-1.10E+00	-2.52E-01	2.66E-02	1.10E+00	1.61E-01	-4.61E-01	5.02E-01	-1.85E+00	55.54	-2.52E-01	-1.10E+00	
	-28.00	-2.77E-05	4.93E-06	1.56E-05	9.45E-05	1.24E-05	-3.55E-05	3.38E-05	-5.68E-05				
82	1633.80	-1.16E+00	-3.87E-01	-8.39E-02	4.08E-01	-1.49E-02	-1.02E-01	-2.11E-01	-1.33E+00	66.70	-2.13E-01	-5.28E-02	
	-8.00	-2.67E-05	3.03E-06	1.47E-05	3.14E-05	-1.14E-06	-7.86E-06	9.79E-06	-3.34E-05				
83	1433.80	-4.55E+00	-1.59E+00	-1.96E+00	1.23E+00	1.14E+00	-5.23E-01	-1.49E+00	-5.05E+00	68.03	-1.99E+00	-1.23E+00	

	27.60	-8.10E-05	1.69E-05	1.50E-05	9.49E-05	1.79E-05	-4.02E-05	3.60E-05	-1.01E-04				
84	1298.10	-1.61E+00	-2.32E-01	-7.45E-02	1.31E+00	5.36E-01	-6.45E-01	5.56E-01	-2.40E+00	58.89	-1.03E+00	-1.47E+00	
	40.70	-4.08E-05	1.21E-05	1.52E-05	1.01E-04	4.12E-05	-4.94E-05	4.24E-05	-7.12E-05				
85	1148.60	-7.05E-01	3.30E-01	4.24E-01	1.75E+00	6.06E-01	-4.66E-01	1.64E+00	-2.01E+00	53.30	1.36E+00	9.73E-01	
	57.33	-2.77E-05	1.24E-05	1.57E-05	1.35E-04	4.67E-05	-3.59E-05	6.25E-05	-7.79E-05				
86	1131.40	-5.76E+00	-2.80E+00	-2.59E+00	6.93E-01	2.15E+00	-5.88E-02	-2.65E+00	-5.91E+00	77.63	-2.80E+00	-6.83E-01	
	112.00	-9.92E-05	1.48E-05	2.32E-05	5.25E-05	1.65E-04	-4.52E-06	2.06E-05	-1.05E-04				
87	1019.80	-1.68E+00	-8.45E-01	-3.67E-01	1.86E+00	8.19E-01	-2.61E+00	6.44E-01	-3.17E+00	51.33	-8.45E-01	-1.86E+00	
	34.67	-3.28E-05	-7.05E-07	1.77E-05	1.43E-04	6.30E-05	-2.01E-04	5.66E-05	-9.01E-05				
88	884.60	-8.04E-01	-3.83E-01	6.47E-02	1.53E+00	4.05E-01	-1.60E+00	9.48E-01	-2.14E+00	48.92	-8.04E-01	1.53E+00	
	46.00	-1.86E-05	-2.40E-06	1.48E-05	1.18E-04	3.12E-05	-1.23E-04	4.88E-05	-6.98E-05				
89	860.60	-3.56E+00	-1.56E+00	-1.38E+00	8.64E-01	1.32E+00	-5.26E-01	-1.24E+00	-3.90E+00	69.73	-1.56E+00	-8.64E-01	
	94.00	-6.61E-05	1.10E-05	1.87E-05	6.65E-05	1.01E-04	-4.04E-05	2.39E-05	-7.84E-05				
90	952.60	-6.42E-01	1.71E+00	1.05E+00	2.22E+00	6.62E-01	-1.63E+00	3.04E+00	-1.98E+00	58.92	2.45E+00	-1.62E+00	
	128.00	-4.79E-05	4.24E-05	1.70E-05	1.71E-04	5.10E-05	-1.25E-04	9.39E-05	-9.94E-05				
91	869.80	-1.04E+00	-1.41E-01	6.84E-02	1.03E+00	6.91E-01	-3.54E-01	5.33E-01	-1.71E+00	56.78	-1.04E+00	1.03E+00	
	160.00	-2.77E-05	6.77E-06	1.48E-05	7.91E-05	5.32E-05	-2.72E-05	3.27E-05	-5.36E-05				
92	860.80	-5.18E+00	-1.76E+00	-1.92E+00	6.18E-01	2.56E+00	-6.38E-01	-1.65E+00	-5.28E+00	80.06	-1.76E+00	-6.18E-01	
	203.60	-1.02E-04	2.96E-05	2.35E-05	4.75E-05	1.97E-04	-4.90E-05	3.38E-05	-1.06E-04				
93	598.67	3.57E-01	-1.55E-01	2.18E-01	3.04E+00	1.78E+00	-3.45E+00	3.15E+00	-2.95E+00	42.59	-1.55E-01	-3.04E+00	
	16.00	9.12E-06	-1.06E-05	3.76E-06	2.34E-04	1.37E-04	-2.65E-04	1.17E-04	-1.18E-04				
94	645.75	-4.68E-01	-3.85E-01	-1.73E-01	1.95E+00	7.16E-01	-1.66E+00	1.53E+00	-2.38E+00	45.61	-4.68E-01	1.95E+00	
	24.00	-6.73E-06	-3.52E-06	4.61E-06	1.50E-04	5.51E-05	-1.28E-04	7.01E-05	-8.03E-05				
95	613.10	-5.59E-01	-9.85E-01	-5.87E-01	3.40E+00	7.12E-01	-3.99E-01	2.63E+00	-4.18E+00	43.21	-5.59E-01	3.40E+00	
	69.33	1.92E-06	-1.45E-05	8.32E-07	2.61E-04	5.48E-05	-3.07E-05	1.25E-04	-1.37E-04				
96	708.45	-9.10E-01	-2.78E-01	-1.10E-01	1.57E+00	7.37E-01	-1.29E+00	1.00E+00	-2.19E+00	50.70	-1.24E+00	-1.46E+00	
	58.00	-2.07E-05	3.56E-06	1.00E-05	1.21E-04	5.67E-05	-9.92E-05	5.29E-05	-7.01E-05				
97	613.10	-2.52E+00	-1.09E+00	-1.03E+00	1.12E+00	2.38E+00	-7.89E-01	-4.71E-01	-3.13E+00	61.26	-1.09E+00	-1.12E+00	
	96.00	-4.59E-05	9.12E-06	1.13E-05	8.63E-05	1.83E-04	-6.07E-05	3.28E-05	-6.95E-05				
98	682.27	-9.80E-01	-3.86E-01	-1.76E-01	2.21E+00	7.25E-01	-1.36E+00	1.55E+00	-2.92E+00	48.82	1.22E+00	-1.16E+00	
	112.00	-2.07E-05	2.11E-06	1.02E-05	1.70E-04	5.58E-05	-1.04E-04	7.66E-05	-9.52E-05				
99	751.43	-3.38E+00	4.07E-01	-6.48E-01	2.36E+00	1.82E+00	-3.04E+00	1.54E+00	-4.51E+00	64.40	4.07E-01	-2.36E+00	
	96.00	-9.03E-05	5.55E-05	1.49E-05	1.81E-04	1.40E-04	-2.34E-04	9.89E-05	-1.34E-04				
100	683.25	-8.28E-01	-2.40E-01	2.21E-03	7.98E-01	5.59E-01	-1.04E+00	3.16E-01	-1.38E+00	55.11	-8.28E-01	7.98E-01	
	152.00	-2.01E-05	2.49E-06	1.18E-05	6.14E-05	4.30E-05	-8.02E-05	2.39E-05	-4.15E-05				
101	648.67	-4.37E+00	-2.03E+00	-1.98E+00	5.29E-01	1.64E+00	-6.48E-01	-1.92E+00	-4.48E+00	77.81	-2.03E+00	-5.29E-01	
	192.00	-7.59E-05	1.39E-05	1.60E-05	4.07E-05	1.26E-04	-4.99E-05	1.83E-05	-8.03E-05				
102	725.25	-6.99E-01	3.58E-01	3.46E-01	8.22E-01	4.33E-01	-7.73E-01	8.07E-01	-1.15E+00	61.37	-1.56E-01	-9.77E-01	
	232.70	-2.69E-05	1.37E-05	1.32E-05	6.32E-05	3.33E-05	-5.94E-05	3.10E-05	-4.42E-05				
103	635.50	-6.62E-01	-7.86E-01	-1.99E-01	2.91E-02	3.32E-01	2.57E-01	-6.56E-01	-7.92E-01	12.62	-6.62E-01	2.91E-02	
	256.00	-7.37E-06	-1.21E-05	1.04E-05	2.24E-06	2.56E-05	1.98E-05	-7.12E-06	-1.24E-05				
104	635.50	-1.61E+00	-1.10E+00	-4.90E-01	-3.25E-02	1.20E+00	-6.82E-02	-1.10E+00	-1.61E+00	-86.39	-1.10E+00	3.25E-02	
	290.67	-2.68E-05	-7.11E-06	1.63E-05	-2.50E-06	9.22E-05	-5.24E-06	-7.03E-06	-2.69E-05				
105	569.00	5.24E-01	-1.48E-01	4.73E-02	3.16E+00	9.96E-01	-2.93E+00	3.36E+00	-2.99E+00	41.96	5.24E-01	3.16E+00	
	16.50	1.55E-05	-1.03E-05	-2.83E-06	2.43E-04	7.66E-05	-2.26E-04	1.25E-04	-1.20E-04				
106	508.50	6.74E+00	4.46E+00	4.28E+00	2.34E+00	2.39E+00	-6.72E-01	8.20E+00	3.00E+00	32.01	4.46E+00	-2.34E+00	
	13.00	8.91E-05	1.44E-06	-5.50E-06	1.80E-04	1.84E-04	-6.71E-05	1.45E-04	-5.48E-05				
107	521.00	1.78E+00	7.72E-01	6.19E-01	3.12E+00	8.38E-01	-1.63E+00	4.44E+00	-1.89E+00	40.42	1.78E+00	3.12E+00	
	15.75	3.36E-05	-5.15E-06	-1.10E-05	2.40E-04	6.45E-05	-1.25E-04	1.36E-04	-1.08E-04				
108	526.25	1.53E+00	6.35E-01	5.41E-01	3.45E+00	7.06E-01	-1.69E+00	4.56E+00	-2.39E+00	41.31	1.53E+00	3.45E+00	
	21.00	2.90E-05	-5.28E-06	-8.88E-06	2.65E-04	5.43E-05	-1.30E-04	1.45E-04	-1.22E-04				
109	515.50	4.23E+00	2.80E+00	2.76E+00	4.27E+00	1.67E+00	-8.84E-01	7.84E+00	-8.21E-01	40.24	2.80E+00	-4.27E+00	
	26.00	5.50E-05	-1.76E-08	-1.26E-06	3.29E-04	1.28E-04	-6.80E-05	1.94E-04	-1.39E-04				
110	531.50	5.89E-01	3.15E-01	2.01E-01	2.80E+00	4.91E-01	-1.44E+00	3.26E+00	-2.35E+00	43.60	5.89E-01	2.80E+00	
	34.50	1.05E-05	-1.79E-08	-4.42E-06	2.16E-04	3.78E-05	-1.11E-04	1.13E-04	-1.03E-04				
111	515.50	-1.98E+00	-3.18E+00	-2.34E+00	8.28E+00	3.82E-01	8.37E-02	5.73E+00	-1.09E+01	42.93	-1.98E+00	8.28E+00	
	44.00	6.29E-06	-3.99E-05	-7.59E-06	6.37E-04	2.94E-05	6.44E-06	3.03E-04	-3.36E-04				
112	515.50	-6.05E-01	-3.40E-01	-3.42E-01	1.91E+00	9.49E-01	-7.14E-01	1.44E+00	-2.35E+00	46.99	-3.40E-01	-1.91E+00	
	53.33	-9.14E-06	1.08E-06	9.90E-07	1.47E-04	7.30E-05	-5.49E-05	6.95E-05	-7.76E-05				
113	547.50	-1.22E+00	2.59E-01	-3.91E-01	2.97E+00	5.80E-01	-2.99E+00	2.58E+00	-3.54E+00	52.00	1.18E+00	-2.57E+00	
	64.00	3.26E-05	2.44E-05	9.32E-07	2.29E-04	4.46E-05	-2.30E-04	1.14E-04	-1.22E-04				
114	515.50	[illegible]47E+00	-2.92E+00	-2.10E+00	3.47E+00	2.19E-01	[illegible]-01	7.76E-01	-6.17E+00	43.15	-2.47E+00	3.47E[illegible]	
	74.67	[illegible]19E-05	-2.91E-05	-6.21E-07	2.67E-04	1.69E-05	[illegible]-05	1.13E-04	-1.54E-04				
115	515	[illegible].80E+00	-3.01E+00	-3.04E+00	1.24E+00	7.60E-01	[illegible]E-01	-2.38E+00	-5.43E+00	62.96	-3.01E+00	-1.2[illegible]	

	88.00	[illegible]54E-05	3.52E-06	2.20E-06	9.53E-05	5.85E-05	[illegible]-05	2.79E-05	-8.97E-05				
116	547.50	[illegible].93E+00	-3.85E-01	-1.25E+00	3.74E+00	5.23E-01	-2.[illegible]E+00	2.29E+00	-5.60E+00	54.40	1.22E+00	-2.70E+0[illegible]	
	104.00	-6.25E-05	3.53E-05	2.07E-06	2.87E-04	4.03E-05	-1.77E-04	1.38E-04	-1.65E-04				
117	515.50	-9.95E-01	-1.07E+00	-6.51E-01	2.75E+00	6.14E-02	-1.21E+00	1.72E+00	-3.76E+00	44.56	-9.85E-01	2.75E+00	
	120.00	-8.17E-06	-1.14E-05	4.70E-06	2.12E-04	4.72E-06	-9.28E-05	9.60E-05	-1.16E-04				
118	515.50	-3.32E+00	-2.00E+00	-1.88E+00	1.06E+00	4.05E-01	-5.67E-01	-1.41E+00	-3.91E+00	60.89	-2.00E+00	-1.06E+00	
	136.00	-4.25E-05	2.06E-06	6.86E-06	8.15E-05	3.11E-05	-4.36E-05	2.48E-05	-7.11E-05				
119	547.50	-2.51E+00	-8.06E-01	-1.09E+00	2.53E+00	2.90E-01	-1.33E+00	1.01E+00	-4.33E+00	54.33	2.82E-01	-1.83E+00	
	152.00	-4.02E-05	1.75E-05	6.46E-06	1.94E-04	2.23E-05	-1.02E-04	8.72E-05	-1.18E-04				
120	515.50	-1.19E+00	-1.06E+00	-5.65E-01	1.86E+00	3.93E-02	-6.91E-01	7.38E-01	-2.95E+00	46.01	-1.19E+00	1.86E+00	
	168.00	-1.49E-05	-9.86E-06	9.27E-06	1.43E-04	3.02E-06	-5.31E-05	5.94E-05	-8.41E-05				
121	515.50	-4.31E+00	-2.62E+00	-2.39E+00	8.25E-01	4.32E-01	-4.23E-01	-2.28E+00	-4.65E+00	67.88	-2.62E+00	-8.25E-01	
	184.00	-6.34E-05	1.72E-06	1.05E-05	6.35E-05	3.33E-05	-3.26E-05	1.46E-05	-7.63E-05				
122	547.50	-1.55E+00	6.94E-01	1.65E-02	2.74E+00	2.45E-01	-1.84E+00	2.53E+00	-3.39E+00	56.14	1.85E+00	-1.84E+00	
	200.00	-5.04E-05	3.59E-05	9.88E-06	2.11E-04	1.89E-05	-1.41E-04	1.07E-04	-1.21E-04				
123	515.50	5.52E-01	9.15E-01	1.07E+00	1.32E+00	-1.77E-01	-8.75E-01	2.07E+00	-6.02E-01	48.91	5.52E-01	1.32E+00	
	216.00	-6.61E-06	7.36E-06	1.32E-05	1.02E-04	-1.36E-05	-6.73E-05	5.17E-05	-5.10E-05				
124	515.50	-1.18E+00	-5.83E-01	-2.36E-01	3.19E-01	-1.34E-01	-2.80E-01	-4.44E-01	-1.32E+00	66.53	-5.83E-01	-3.19E-01	
	232.00	-2.34E-05	-4.54E-07	1.29E-05	2.46E-05	-1.03E-05	-2.15E-05	4.88E-06	-2.87E-05				
125	547.50	-5.77E-01	-1.87E-01	1.36E-01	6.31E-01	-9.18E-02	-1.04E+00	2.79E-01	-1.04E+00	53.58	8.71E-02	-4.65E-01	
	248.00	-1.53E-05	-2.93E-07	1.21E-05	4.85E-05	-7.06E-06	-8.02E-05	1.76E-05	-3.32E-05				
126	515.50	1.07E+00	1.55E+00	1.56E+00	-1.27E-01	-3.37E-01	-9.50E-01	1.58E+00	1.04E+00	-75.99	1.07E+00	-1.27E-01	
	264.00	-4.71E-06	1.35E-05	1.41E-05	-9.73E-06	-2.60E-05	-7.31E-05	1.48E-05	-5.93E-06				
127	515.50	-5.09E-01	-2.17E-01	1.03E-01	9.23E-02	-5.91E-01	-1.61E-01	-1.90E-01	-5.36E-01	73.86	-2.17E-01	-9.23E-02	
	276.00	-1.27E-05	-1.50E-06	1.08E-05	7.10E-06	-4.55E-05	-1.24E-05	-4.68E-07	-1.38E-05				
128	531.50	5.98E-01	3.79E-01	8.23E-01	6.05E-02	-2.99E-01	-9.97E-02	6.14E-01	3.63E-01	14.45	5.98E-01	6.05E-02	
	297.00	3.23E-06	-5.20E-06	1.19E-05	4.65E-06	-2.30E-05	-7.67E-06	3.83E-06	-5.80E-06				
129	515.50	2.28E+00	1.82E+00	2.09E+00	-4.62E-01	-3.18E-01	-5.98E-01	2.56E+00	1.53E+00	-31.88	2.28E+00	-4.62E-01	
	320.00	1.95E-05	1.99E-06	1.25E-05	-3.56E-05	-2.45E-05	-4.60E-05	3.06E-05	-9.06E-06				
183	565.50	1.58E-01	-2.67E-01	-2.92E-01	4.75E+00	1.30E+00	-3.72E+00	4.70E+00	-4.81E+00	43.72	1.58E-01	4.75E+00	
	-8.00	1.05E-05	-5.85E-06	-6.82E-06	3.66E-04	1.00E-04	-2.86E-04	1.85E-04	-1.81E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5564E+02	-.3715E+03	-.1664E+02	.4867E+02	.1073E+03	-.7413E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.6606E+01	.2779E+01	.1152E+01	.4624E+02	-.2908E+02	-.3955E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5375E+01	-.8470E+00	.4715E+00	.7559E+02	-.6408E+02	-.7265E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.7614E+01	.1750E+01	.5151E-01	.1061E+03	-.1010E+03	-.1063E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.8241E+01	-.1176E+01	.7064E-01	.1365E+03	-.1373E+03	-.1432E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1229E+01	-.9130E+00	.4807E+00	.1816E+03	-.1749E+03	-.1876E+03
25	.2033E+02	.3288E+01	.7598E-01	.2254E+03	-.1929E+03	-.2311E+03
26	-.4129E+01	-.5323E-01	-.9433E-01	.2448E+03	-.2041E+03	-.2628E+03

27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1093E+03	-.2077E+02	.3431E+01	.2516E+03	-.2832E+03	-.2886E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1730E+04	.3043E+03	-.1462E+02	.3520E+03	-.7640E+03	-.4564E+03
40	.1243E+04	.1990E+03	.9575E-01	.3326E+03	-.7528E+03	-.4185E+03
41	.8561E+03	.1182E+03	.1403E+02	.2889E+03	-.6832E+03	-.3631E+03
42	.2143E+03	.1786E+02	.1460E+02	.2527E+03	-.4844E+03	-.3166E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2229E+04	-.2961E+03	-.1243E+02	.6023E+02	-.8066E+03	.2367E+03
48	-.1938E+04	-.2560E+03	-.1384E+02	.1104E+03	-.7476E+03	.1693E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3098E+04	-.4716E+03	-.1468E+02	-.7606E+02	-.5566E+03	.7100E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.9045E+01	.1204E+02	-.9792E+00	.3515E+02	-.7940E+03	.2229E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2120E+04	-.3218E+03	-.1455E+02	-.3104E+02	-.4484E+03	.6677E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1484E+04	-.2261E+03	-.1946E+02	-.3154E+02	-.4194E+03	.6487E+03
66	-.4939E+03	-.7695E+02	-.2444E+02	-.3998E+02	-.3446E+03	.6760E+03
67	.1030E+04	.1523E+03	-.2443E+02	-.3764E+02	-.2671E+03	.6748E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1834E+04	.2731E+03	-.2044E+02	.4558E+02	-.1994E+03	.6729E+03
76	-.1994E+03	-.3109E+02	-.1393E+02	.7064E+02	-.1112E+03	.6808E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.7686E+03	.1151E+03	-.1015E+02	.8915E+02	-.4444E+01	.6575E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
89	-.3258E+03	-.4949E+02	-.7200E+01	.13[illegible]	.5979E+02	.6410E+03
90	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4467E+03	.6861E+02	-.6410E+01	.1016E+03	.1501E+03	.5922E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3005E+03	-.4323E+02	-.5367E+01	.8899E+02	.2034E+03	.5407E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3432E+03	.5405E+02	-.5461E+01	.9085E+02	.2795E+03	.4865E+03
109	-.2041E+03	-.2756E+02	-.4652E+01	.9363E+02	.3289E+03	.4207E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2859E+03	.4654E+02	-.4506E+01	.5329E+02	.3860E+03	.3499E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1368E+03	.2446E+02	-.7649E+00	.2787E+02	.4111E+03	.2766E+03
115	.5250E+02	.1201E+02	.4589E+00	.6505E+01	.4135E+03	.2015E+03
116	.1207E+03	.2274E+02	.1711E+01	-.7625E+01	.4315E+03	.1539E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1328E+03	.2479E+02	.3019E+01	.1104E+02	.4426E+03	.1349E+03
119	.9348E+02	.1852E+02	.4345E+01	-.3455E+02	.4030E+03	.7869E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2459E+03	.3172E+02	.1474E+02	-.3012E+02	.3479E+03	.4238E+02
122	.2063E+03	.1474E+02	.2459E+02	.1104E+02	.3356E+03	.4168E+02
123	.1562E+03	.9602E+01	.2180E+02	.7493E+01	.2931E+03	.3753E+02
124	.1136E+03	.6760E+01	.1505E+02	.5054E+01	.2413E+03	.3416E+02
125	.7440E+02	.3237E+01	.1105E+02	.3035E+01	.1994E+03	.3096E+02
126	.2277E+02	-.4823E+01	.1029E+02	.4589E+00	.1676E+03	.2753E+02
127	-.1511E+02	-.1115E+02	.1049E+02	-.1275E+01	.1431E+03	.2318E+02
128	-.5381E+02	-.1633E+02	.1002E+02	-.5405E+01	.9290E+02	.1828E+02
129	-.5437E+02	-.1413E+02	.8413E+01	-.7244E+01	.5260E+02	.1399E+02
130	-.3770E+02	-.8641E+01	.6160E+01	-.7512E+01	.2313E+02	.1102E+02
131	-.9921E+01	-.1556E+01	.4165E+01	-.6488E+01	.7420E+01	.9220E+01
132	.1094E+01	.7145E+00	.3072E+01	-.4306E+01	.8343E+01	.7984E+01
133	.1969E+01	.6041E+00	.2817E+01	-.2977E+01	.9996E+01	.6738E+01
134	.5390E+00	.1729E+00	.2813E+01	-.2275E+01	.8552E+01	.5308E+01
135	-.4452E-03	.9581E-02	.3161E+01	-.1734E+01	.6042E+01	.3911E+01
136	-.5618E-02	.1771E-01	.4205E+01	-.1211E+01	.3910E+01	.2609E+01
137	-.8299E-01	-.2777E-01	.6620E+01	-.8291E+00	.1761E+01	.1425E+01
138	.4226E-01	.1479E+00	.1115E+03	-.5338E+00	-.4609E+00	.7098E+00
139	.1074E+00	.1742E+00	-.3990E+02	-.8690E-01	.2471E+00	-.2461E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4500E+01 (FOURTH TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.17284E-01	-.10252E-03	.17322E-01	.00000E+00
3	-.31792E-01	-.33497E-03	.31801E-01	.00000E+00
4	-.34594E-01	-.32531E-03	.34541E-01	.00000E+00
5	-.37506E-01	-.28345E-04	.37521E-01	.00000E+00
6	-.42780E-01	.98922E-05	.42774E-01	-.58245E-05
7	-.39018E-01	-.57425E-03	.39560E-01	.00000E+00
8	-.42910E-01	-.44090E-03	.43060E-01	-.11799E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.17194E-01	-.15738E-03	.17390E-01	.00000E+00

11	-.32074E-01	-.34589E-03	.32578E-01	.00000E+00
12	-.35012E-01	-.38653E-03	.36500E-01	.00000E+00
13	-.39024E-01	-.30430E-03	.39329E-01	.00000E+00
14	-.43126E-01	-.40067E-03	.43813E-01	-.28071E-05
15	-.38627E-01	-.74165E-03	.41432E-01	.00000E+00
16	-.43593E-01	-.62224E-03	.45050E-01	.23422E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.17419E-01	-.18573E-03	.19189E-01	.00000E+00
19	-.32740E-01	-.35043E-03	.34368E-01	.00000E+00
20	-.36826E-01	-.44157E-03	.38683E-01	.00000E+00
21	-.40056E-01	-.24324E-03	.41769E-01	.00000E+00
22	-.44156E-01	-.28515E-03	.46776E-01	.22317E-06
23	-.41249E-01	-.99739E-03	.45338E-01	.00000E+00
24	-.44868E-01	-.82015E-03	.49038E-01	-.12635E-04
25	-.45328E-01	-.11291E-02	.50493E-01	.80104E-06
26	-.45607E-01	-.10187E-02	.51353E-01	.82445E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.17590E-01	-.34729E-03	.18969E-01	.00000E+00
29	-.33739E-01	-.62364E-03	.36305E-01	.00000E+00
30	-.37781E-01	-.70415E-03	.41326E-01	.00000E+00
31	-.41575E-01	-.92541E-03	.46145E-01	.00000E+00
32	-.45005E-01	-.11357E-02	.52304E-01	-.34575E-04
33	-.41512E-01	-.15051E-02	.46222E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.17535E-01	-.56958E-03	.19068E-01	.00000E+00
36	-.34115E-01	-.78290E-03	.36874E-01	.00000E+00
37	-.38278E-01	-.86302E-03	.41266E-01	.00000E+00
38	-.42830E-01	-.10559E-02	.47990E-01	.00000E+00
39	-.46421E-01	-.15835E-02	.53929E-01	.29421E-04
40	-.46329E-01	-.17747E-02	.53551E-01	.65198E-05
41	-.46241E-01	-.17504E-02	.53198E-01	-.99878E-05
42	-.46109E-01	-.15270E-02	.52801E-01	-.26584E-04
43	-.39186E-01	-.11747E-02	.40896E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.16688E-01	.35227E-03	.17773E-01	.00000E+00
46	-.34383E-01	-.58706E-03	.35917E-01	.00000E+00
47	-.46466E-01	-.13558E-02	.54074E-01	.24764E-04
48	-.46452E-01	-.14552E-02	.54054E-01	.38336E-04
49	-.42796E-01	-.11316E-02	.47602E-01	.00000E+00
50	-.46208E-01	-.14621E-02	.54268E-01	.10840E-03
51	-.43408E-01	-.12328E-02	.46854E-01	.00000E+00
52	-.48669E-01	-.12311E-02	.51417E-01	.00000E+00
53	-.46501E-01	-.12194E-02	.54151E-01	.47080E-05
54	-.38188E-01	-.55948E-03	.38449E-01	.00000E+00
55	-.42870E-01	-.10353E-02	.42646E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.14472E-01	-.14714E-02	.13595E-01	.00000E+00
58	-.31149E-01	-.75552E-03	.26382E-01	.00000E+00
59	-.49753E-01	-.81782E-03	.49291E-01	.00000E+00
60	-.49342E-01	-.11643E-02	.50152E-01	.00000E+00
61	-.47324E-01	-.14648E-02	.54408E-01	.16594E-03
62	-.36528E-01	-.27155E-03	.31886E-01	.00000E+00
63	-.41961E-01	-.87172E-04	.37835E-01	.00000E+00
64	-.45676E-01	-.11303E-02	.52138E-01	.00000E+00
65	-.47885E-01	-.14681E-02	.54540E-01	.20566E-03
66	-.49272E-01	-.14721E-02	.54803E-01	.24916E-03
67	-.50764E-01	-.14713E-02	.55090E-01	.23715E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.11503E-01	.26441E-03	.86887E-02	.00000E+00
70	-.33185E-01	.53323E-04	.27973E-01	.00000E+00
71	-.48824E-01	.60298E-04	.43898E-01	.00000E+00
[illegible]	-.51065E-01	-.10577E-02	.52372E-01	[illegible]0000E+00
[illegible]	-.40910E-01	-.17555E-05	.33140E-01	[illegible]000E+00
[illegible]	-.54132E-01	-.10573E-02	.54665E-01	[illegible]000E+00

	-.52032E-01	-.14727E-02	.55343E-01	[illegible]997E-03
	-.52727E-01	-.15166E-02	.55812E-01	[illegible]529E-03
77	-.44908E-01	.38116E-03	.39079E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.13853E-01	-.37183E-03	.11942E-01	.00000E+00
80	-.31984E-01	.46154E-03	.25912E-01	.00000E+00
81	-.35452E-01	.51335E-03	.28481E-01	.00000E+00
82	-.39520E-01	.75627E-03	.32844E-01	.00000E+00
83	-.54496E-01	.21747E-03	.49872E-01	.00000E+00
84	-.51792E-01	.56122E-03	.43689E-01	.00000E+00
85	-.55643E-01	-.15280E-02	.56417E-01	.99803E-04
86	-.56178E-01	-.10598E-02	.56075E-01	.00000E+00
87	-.47545E-01	.49144E-03	.38381E-01	.00000E+00
88	-.56417E-01	-.76182E-03	.53137E-01	.00000E+00
89	-.58255E-01	-.15209E-02	.56998E-01	.80254E-04
90	-.37015E-01	.21637E-03	.26357E-01	.00000E+00
91	-.40150E-01	.39440E-03	.28151E-01	.00000E+00
92	-.42876E-01	-.21174E-03	.29643E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.16575E-01	.00000E+00	.11895E-01	.00000E+00
95	-.30238E-01	.00000E+00	.21123E-01	.00000E+00
96	-.34448E-01	.00000E+00	.23814E-01	.00000E+00
97	-.36055E-01	.00000E+00	.24206E-01	.00000E+00
98	-.35591E-01	.00000E+00	.23835E-01	.00000E+00
99	-.38493E-01	-.19376E-03	.25536E-01	.00000E+00
100	-.46668E-01	-.21526E-03	.32649E-01	.00000E+00
101	-.55007E-01	-.51319E-03	.44397E-01	.00000E+00
102	-.58993E-01	-.16506E-02	.57842E-01	.72239E-04
103	-.57167E-01	-.20152E-03	.50751E-01	.00000E+00
104	-.59852E-01	-.13589E-02	.58116E-01	.00000E+00
105	-.60414E-01	-.16319E-02	.58570E-01	.62771E-04
106	-.59609E-01	-.20795E-03	.54565E-01	.00000E+00
107	-.62349E-01	-.15200E-02	.59351E-01	.00000E+00
108	-.62062E-01	-.17390E-02	.59262E-01	.60036E-04
109	-.63246E-01	-.17583E-02	.59824E-01	.50737E-04
110	-.62817E-01	-.19754E-02	.57423E-01	.00000E+00
111	-.64824E-01	-.19940E-02	.61176E-01	.00000E+00
112	-.64532E-01	-.17915E-02	.60323E-01	.45455E-04
113	-.64358E-01	-.15509E-02	.58958E-01	.00000E+00
114	-.65250E-01	-.17603E-02	.60666E-01	.17868E-04
115	-.65516E-01	-.17573E-02	.60948E-01	.59334E-05
116	-.65567E-01	-.17046E-02	.61063E-01	-.23383E-05
117	-.65234E-01	-.20748E-02	.62131E-01	.00000E+00
118	-.65503E-01	-.16942E-02	.61118E-01	-.84044E-05
119	-.65250E-01	-.16687E-02	.61168E-01	-.16558E-04
120	-.65752E-01	-.18425E-02	.62211E-01	.00000E+00
121	-.64706E-01	-.16040E-02	.61128E-01	-.31100E-04
122	-.64642E-01	-.13409E-02	.61194E-01	-.38308E-04
123	-.64544E-01	-.10911E-02	.61244E-01	-.43966E-04
124	-.64431E-01	-.80458E-03	.61295E-01	-.50456E-04
125	-.64279E-01	-.47455E-03	.61346E-01	-.59165E-04
126	-.63977E-01	.16413E-03	.61432E-01	-.67206E-04
127	-.63650E-01	.85360E-03	.61514E-01	-.68621E-04
128	-.63025E-01	.22580E-02	.61682E-01	-.56012E-04
129	-.62598E-01	.32131E-02	.61836E-01	-.36483E-04
130	-.62358E-01	.39214E-02	.62003E-01	-.13588E-04
131	-.62392E-01	.38781E-02	.62258E-01	.11208E-04
132	-.62620E-01	.31733E-02	.62484E-01	.17723E-04
133	-.62822E-01	.24452E-02	.62681E-01	.14565E-04
134	-.62949E-01	.18878E-02	.62842E-01	.11283E-04
135	-.63034E-01	.14263E-02	.62971E-01	.10077E-04
136	-.63095E-01	.98051E-03	.63066E-01	.10193E-04
137	-.63130E-01	.54560E-03	.63122E-01	.10022E-04
138	-.63155E-01	.83300E-04	.63155E-01	.10636E-04

420

3704

139 -.63155E-01 .10260E-04 .63155E-01 .10299E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.30E-03	-4.59E-02	3.78E-03	-2.11E+00	-6.37E-03	2.13E+00	2.08E+00	-2.14E+00	-44.74	-7.30E-03	-2.11E+00
	-303.00	3.10E-07	-1.44E-06	8.14E-07	-1.92E-04	-5.79E-07	1.94E-04	9.53E-05	-9.64E-05			
2	72.00	-3.37E-02	-6.54E-02	3.97E-02	-1.80E+00	3.32E-03	1.85E+00	1.75E+00	-1.85E+00	-44.71	-3.37E-02	-1.80E+00
	-213.00	-7.05E-07	-2.34E-06	2.63E-06	-1.63E-04	3.02E-07	1.68E-04	8.02E-05	-8.32E-05			
3	72.00	-3.17E-01	-8.24E-02	9.04E-02	-1.22E+00	1.28E-01	1.33E+00	1.03E+00	-1.43E+00	-47.74	-3.17E-01	-1.22E+00
	-138.00	-5.59E-06	-2.50E-07	3.68E-06	-5.57E-05	5.82E-06	6.03E-05	2.50E-05	-3.09E-05			
4	24.00	-1.45E+00	-7.58E-01	-9.64E-01	-2.32E+00	3.97E-01	2.56E+00	1.24E+00	-3.45E+00	-49.27	-1.45E+00	-2.32E+00
	-68.00	-2.10E-05	5.75E-06	-2.19E-06	-1.78E-04	3.05E-05	1.97E-04	8.26E-05	-9.78E-05			
5	72.00	4.35E-01	2.27E-01	5.62E-01	-1.00E+00	-2.88E-02	1.06E+00	1.34E+00	-6.78E-01	-42.05	2.27E-01	1.00E+00
	-88.00	3.27E-06	-4.72E-06	9.17E-06	-7.72E-05	-2.22E-06	8.19E-05	3.81E-05	-3.95E-05			
6	120.00	2.26E-01	2.17E-01	3.56E-01	-1.97E+00	-1.05E-01	1.93E+00	2.19E+00	-1.75E+00	-44.93	-1.72E+00	3.51E-01
	-68.00	-7.69E-08	-4.35E-07	4.90E-06	-1.52E-04	-8.11E-06	1.49E-04	7.56E-05	-7.61E-05			
7	36.25	-5.62E-01	-2.24E-01	-1.38E-01	-1.12E+00	1.48E-01	1.07E+00	7.37E-01	-1.52E+00	-49.30	-5.23E-01	-1.12E+00
	-19.00	-1.15E-05	1.54E-06	4.84E-06	-8.59E-05	1.14E-05	8.24E-05	3.85E-05	-4.84E-05			
8	108.00	5.96E-02	1.19E-01	2.08E-01	-8.75E-01	-1.77E-03	9.47E-01	9.64E-01	-7.86E-01	-45.97	5.96E-02	-8.75E-01
	-19.00	-1.96E-06	3.19E-07	3.76E-06	-6.73E-05	-1.36E-07	7.28E-05	3.28E-05	-3.45E-05			
9	216.00	-8.63E-02	-1.11E-01	-4.45E-02	-2.12E+00	1.82E-02	2.18E+00	2.02E+00	-2.22E+00	-44.83	-8.63E-02	-2.12E+00
	-303.00	-7.81E-07	-1.91E-06	1.12E-06	-1.92E-04	1.66E-06	1.98E-04	9.49E-05	-9.75E-05			
10	216.00	-1.44E-01	-1.16E-01	5.12E-03	-1.85E+00	6.00E-02	1.93E+00	1.72E+00	-1.98E+00	-45.22	-1.44E-01	-1.85E+00
	-213.00	-3.23E-06	-1.96E-06	3.54E-06	-1.68E-04	5.45E-06	1.75E-04	8.15E-05	-8.67E-05			
11	216.00	-2.96E-01	-9.72E-02	1.83E-01	-1.45E+00	1.88E-01	1.55E+00	1.26E+00	-1.65E+00	-46.96	-2.96E-01	-1.45E+00
	-138.00	-5.62E-06	-1.11E-06	5.25E-06	-6.59E-05	8.54E-06	7.04E-05	2.97E-05	-3.64E-05			
12	168.00	-6.40E-01	-5.06E-01	-3.31E-01	-2.23E+00	3.34E-01	2.32E+00	1.66E+00	-2.81E+00	-45.86	-6.40E-01	-2.23E+00
	-68.00	-8.39E-06	-3.22E-06	3.50E-06	-1.72E-04	2.57E-05	1.79E-04	8.01E-05	-9.17E-05			
13	216.00	5.90E-01	2.20E-01	6.37E-01	-8.95E-01	3.41E-02	9.20E-01	1.32E+00	-5.09E-01	-39.15	2.20E-01	8.95E-01
	-88.00	6.80E-06	-7.45E-06	8.61E-06	-6.88E-05	2.62E-06	7.08E-05	3.48E-05	-3.55E-05			
14	264.00	-8.90E-03	1.90E-01	3.29E-01	-1.92E+00	-3.06E-02	1.95E+00	2.01E+00	-1.83E+00	-46.49	-1.78E+00	4.44E-01
	-68.00	-5.95E-06	1.71E-06	7.04E-06	-1.48E-04	-2.36E-06	1.50E-04	7.17E-05	-7.60E-05			
15	180.00	-2.34E-01	-4.66E-02	9.97E-02	-9.70E-01	2.26E-01	9.45E-01	8.34E-01	-1.12E+00	-47.76	-2.34E-01	-9.70E-01
	-19.00	-7.02E-06	1.98E-07	5.83E-06	-7.46E-05	1.74E-05	7.27E-05	3.41E-05	-4.09E-05			
16	252.00	-1.11E-01	8.51E-02	2.64E-01	-8.29E-01	8.83E-02	9.91E-01	8.21E-01	-8.47E-01	-48.38	-1.11E-01	-8.29E-01
	-19.00	-6.99E-06	6.59E-07	7.53E-06	-6.37E-05	6.79E-06	7.62E-05	2.90E-05	-3.52E-05			
17	361.00	-1.04E-01	-1.56E-01	-5.79E-02	-2.15E+00	1.30E-02	2.27E+00	2.02E+00	-2.28E+00	-44.65	-1.04E-01	-2.15E+00
	-303.00	-5.86E-07	-2.96E-06	1.49E-06	-1.95E-04	1.18E-06	2.07E-04	9.58E-05	-9.93E-05			
18	361.00	-1.73E-01	-1.42E-01	8.45E-03	-1.94E+00	5.43E-02	2.06E+00	1.78E+00	-2.10E+00	-45.23	-1.73E-01	-1.94E+00
	-213.00	-3.87E-06	-2.48E-06	4.36E-06	-1.77E-04	4.94E-06	1.87E-04	8.51E-05	-9.15E-05			
19	361.00	-3.33E-01	-1.06E-01	2.47E-01	-1.52E+00	1.99E-01	1.74E+00	1.31E+00	-1.75E+00	-47.13	-3.33E-01	-1.52E+00
	-138.00	-6.56E-06	-1.40E-06	6.62E-06	-6.92E-05	9.06E-06	7.93E-05	3.07E-05	-3.87E-05			
20	312.00	-1.12E+00	-7.51E-01	-5.30E-01	-2.50E+00	5.76E-01	2.81E+00	1.57E+00	-3.44E+00	-47.09	-1.12E+00	-2.50E+00
	-68.00	-1.66E-05	-2.55E-06	5.96E-06	-1.92E-04	4.43E-05	2.16E-04	8.67E-05	-1.06E-04			
21	360.67	9.59E-01	4.91E-01	9.38E-01	-1.15E+00	-1.88E-02	1.35E+00	1.89E+00	-4.44E-01	-39.22	4.91E-01	1.15E+00
	-88.00	1.06E-05	-7.36E-06	9.83E-06	-8.81E-05	-1.45E-06	1.04E-04	4.66E-05	-4.33E-05			
22	409.33	-5.33E-01	-7.38E-01	-1.93E-01	-2.38E+00	2.05E-02	2.99E+00	1.75E+00	-3.02E+00	-43.77	-2.99E+00	3.92E-01
	-68.00	-4.41E-06	-1.23E-05	8.66E-06	-1.83E-04	1.57E-06	2.30E-04	8.34E-05	-1.00E-04			
23	324.00	-4.52E-01	-8.23E-02	1.42E-01	-9.79E-01	4.04E-01	9.54E-01	7.29E-01	-1.26E+00	-50.36	-4.53E-01	-9.79E-01
	-19.00	-1.31E-05	1.16E-06	9.77E-06	-7.53E-05	3.11E-05	7.64E-05	3.24E-05	-4.43E-05			
24	372.00	-2.61E-01	1.86E-01	3.75E-01	-2.64E+00	3.81E-01	2.82E+00	2.61E+00	-2.69E+00	-47.42	-2.61E-01	-2.64E+00
	-9.33	-1.33E-05	3.84E-06	1.11E-05	-2.03E-04	2.93E-05	2.17E-04	9.71E-05	-1.07E-04			
25	401.25	-1.12E-01	3.65E-02	4.15E-01	-8.59E-01	1.34E-01	1.15E+00	8.24E-01	-9.00E-01	-47.47	6.99E-01	-4.48E-01
	-19.00	-8.04E-06	-2.32E-06	1.22E-05	-6.61E-05	1.03E-05	8.81E-05	2.80E-05	-3.83E-05			
26	427.67	-1.12E+00	-9.46E-01	-4.39E-01	-2.92E+00	5.12E-01	3.96E+00	1.89E+00	-3.96E+00	-45.87	-2.84E+00	-2.31E+00
	-9.33	-1.57E-05	-8.81E-06	1.07E-05	-2.25E-04	3.94E-05	3.04E-04	1.00E-04	-1.25E-04			
27	457.00	-1.14E-01	-2.40E-01	-9.26E-02	-2.17E+00	-5.62E-03	2.33E+00	2.00E+00	-2.35E+00	-44.17	-1.14E-01	-2.17E[illegible]
	-303.00	[illegible].09E-07	-5.09E-06	1.59E-06	-1.98E-04	-5.11E-07	[illegible]E-04	9.66E-05	-1.01E-04			
28	457	[illegible].53E-01	-1.37E-01	2.30E-02	-2.04E+00	3.04E-02	[illegible]+00	1.90E+00	-2.19E+00	-45.11	-1.53E-01	-2.0[illegible]

	-213.00	[illegible]48E-06	-2.75E-06	4.51E-05	-1.86E-04	2.76E-06	[illegible]-04	8.98E-05	-9.61E-05				
29	457.00	[illegible].61E-01	-2.02E-01	1.42E-01	-1.58E+00	-2.05E-02	[illegible]+00	1.21E+00	-1.97E+00	-48.24	-5.61E-01	-1.58E[illegible]	
	-138.00	-9.40E-06	-1.34E-06	6.49E-06	-7.18E-05	-5.52E-07	8.01E-05	3.07E-05	-4.16E-05				
30	442.00	-4.55E-01	-1.06E+00	-2.16E-01	-2.77E+00	-6.21E-02	3.17E+00	2.02E+00	-3.54E+00	-51.86	-4.55E-01	-2.77E+00	
	-68.00	2.65E-06	-2.08E-05	8.02E-06	-2.13E-04	-4.80E-06	2.44E-04	9.80E-05	-1.16E-04				
31	457.33	3.30E+00	1.62E+00	2.21E+00	-9.75E-01	-1.52E+00	1.66E+00	3.75E+00	1.17E+00	-24.61	1.62E+00	9.75E-01	
	-88.00	4.86E-05	-1.60E-05	6.53E-06	-7.50E-05	-1.17E-04	1.28E-04	6.58E-05	-3.32E-05				
32	472.67	-5.24E+00	-4.13E+00	-3.52E+00	-2.41E+00	9.63E-01	4.01E+00	-2.21E+00	-7.16E+00	-51.49	-6.67E+00	-1.48E+00	
	-68.00	-5.99E-05	-1.72E-05	6.32E-06	-1.86E-04	7.41E-05	3.09E-04	5.67E-05	-1.34E-04				
33	443.00	-4.71E-01	-3.12E-01	1.47E-01	-1.40E+00	1.90E-01	1.53E+00	1.01E+00	-1.75E+00	-46.63	-4.71E-01	-1.40E+00	
	-10.50	-1.11E-05	-4.99E-06	1.26E-05	-1.08E-04	1.46E-05	1.18E-04	4.58E-05	-6.19E-05				
34	454.00	-5.20E+00	-3.03E+00	-2.51E+00	-3.65E+00	1.12E+00	4.99E+00	8.02E-02	-7.30E+00	-49.55	-5.64E+00	-3.09E+00	
	-11.33	-5.44E-05	-9.49E-06	1.04E-05	-2.80E-04	8.60E-05	3.84E-04	1.10E-04	-1.74E-04				
35	461.67	-8.29E-01	-9.86E-01	-3.54E-01	-3.47E+00	2.84E-01	5.17E+00	2.56E+00	-4.37E+00	-44.35	-8.29E-01	-3.47E+00	
	-12.00	-8.04E-06	-1.41E-05	1.02E-05	-2.67E-04	2.19E-05	3.97E-04	1.22E-04	-1.44E-04				
36	468.00	2.60E+00	1.07E+00	1.87E+00	-3.25E-01	-1.34E+00	2.04E+00	2.67E+00	1.01E+00	-11.53	1.07E+00	3.25E-01	
	-30.00	3.91E-05	-1.97E-05	1.10E-05	-2.50E-04	-1.03E-04	1.57E-04	4.17E-05	-2.22E-05				
37	476.33	-1.77E+00	-2.39E+00	-1.27E+00	-2.35E+00	3.06E-01	4.23E+00	2.86E-01	-4.45E+00	-41.22	-2.71E+00	-2.28E+00	
	-12.00	-8.37E-06	-3.23E-05	1.08E-05	-1.80E-04	2.36E-05	3.25E-04	7.07E-05	-1.11E-04				
38	558.50	1.76E-01	9.06E-02	1.43E-01	-2.06E+00	-5.83E-02	2.25E+00	2.19E+00	-1.93E+00	-44.40	1.76E-01	-2.06E+00	
	-303.00	2.70E-06	-1.21E-06	1.17E-06	-1.87E-04	-5.30E-06	2.05E-04	9.44E-05	-9.29E-05				
39	558.50	-2.41E-02	-2.05E-01	3.46E-03	-2.06E+00	-1.13E-01	2.20E+00	1.94E+00	-2.17E+00	-43.74	-2.41E-02	-2.06E+00	
	-213.00	1.84E-06	-6.40E-06	3.09E-06	-1.87E-04	-1.03E-05	2.00E-04	9.12E-05	-9.58E-05				
40	506.17	-3.99E-02	-5.05E-01	1.48E-01	-4.63E+00	-2.24E-01	4.73E+00	4.37E+00	-4.91E+00	-43.56	-3.99E-02	-4.63E+00	
	-128.00	1.17E-06	-9.40E-06	5.45E-06	-2.11E-04	-1.02E-05	2.15E-04	1.01E-04	-1.10E-04				
41	558.50	1.21E+00	-3.54E-01	4.13E-01	-1.95E+00	-1.03E+00	2.76E+00	2.53E+00	-1.68E+00	-34.11	-3.54E-01	1.95E+00	
	-148.00	2.08E-05	-1.47E-05	2.75E-06	-8.88E-05	-4.67E-05	1.26E-04	5.09E-05	-4.48E-05				
42	610.83	-2.12E-01	-6.01E-01	-1.00E-01	-4.01E+00	-7.41E-01	3.70E+00	3.61E+00	-4.42E+00	-43.61	-4.33E+00	8.65E-01	
	-128.00	-2.17E-08	-8.87E-06	2.51E-06	-1.82E-04	-3.37E-05	1.68E-04	8.68E-05	-9.57E-05				
43	501.38	3.47E-01	1.69E-01	4.91E-01	-1.05E+00	-3.55E-01	1.33E+00	1.31E+00	-7.92E-01	-42.58	3.47E-01	-1.05E+00	
	-78.00	2.28E-06	-4.55E-06	7.81E-06	-8.05E-05	-2.73E-05	1.02E-04	3.92E-05	-4.15E-05				
44	534.67	-5.72E-01	-4.33E-01	-2.17E-01	-3.29E+00	-2.02E-01	4.06E+00	2.79E+00	-3.79E+00	-45.60	-3.73E+00	6.40E-01	
	-68.00	-8.56E-06	-3.22E-06	5.07E-06	-2.53E-04	-1.55E-05	3.13E-04	1.21E-04	-1.32E-04				
45	584.67	6.48E-01	4.06E-01	5.90E-01	-3.24E+00	-7.57E-01	2.99E+00	3.77E+00	-2.72E+00	-43.93	6.48E-01	-3.24E+00	
	-68.00	6.85E-06	-2.45E-06	4.63E-06	-2.49E-04	-5.82E-05	2.30E-04	1.27E-04	-1.23E-04				
46	610.83	3.23E+00	9.55E-01	1.69E+00	-1.74E+00	-1.51E+00	2.36E+00	4.17E+00	1.47E-02	-28.41	9.55E-01	1.74E+00	
	-88.00	5.96E-05	-2.78E-05	4.27E-07	-1.34E-04	-1.16E-04	1.82E-04	9.58E-05	-6.39E-05				
47	482.63	2.20E-01	4.25E-02	5.78E-01	-7.61E-01	-3.96E-01	1.52E+00	8.97E-01	-6.35E-01	-41.67	2.20E-01	-7.61E-01	
	-21.00	-7.68E-07	-7.60E-06	1.30E-05	-5.85E-05	-3.04E-05	1.17E-04	2.53E-05	-3.36E-05				
48	485.83	-5.46E-01	-8.20E-01	-1.87E-01	-2.24E+00	-5.34E-02	4.70E+00	1.56E+00	-2.93E+00	-43.25	-8.37E-01	-2.24E+00	
	-12.00	-3.94E-06	-1.45E-05	9.89E-06	-1.72E-04	-4.11E-06	3.62E-04	7.71E-05	-9.56E-05				
49	507.88	6.32E-02	2.33E-01	5.40E-01	-8.35E-01	-2.16E-01	1.65E+00	9.87E-01	-6.91E-01	-47.90	6.32E-02	-8.35E-01	
	-21.00	-6.76E-06	-2.23E-07	1.16E-05	-6.42E-05	-1.66E-05	1.27E-04	2.88E-05	-3.58E-05				
50	538.67	-5.53E-01	-1.16E-01	-3.47E-02	-2.96E+00	-1.04E+00	3.59E+00	2.63E+00	-3.30E+00	-47.12	-3.26E+00	5.04E-01	
	-10.00	-1.35E-05	3.28E-06	6.40E-06	-2.27E-04	-7.99E-05	2.76E-04	3.09E-04	-1.19E-04				
51	484.67	1.01E+01	7.01E+00	7.41E+00	2.20E-01	-7.74E-01	5.01E-01	1.01E+01	7.00E+00	4.09	7.01E+00	-2.20E-01	
	8.00	1.18E-04	5.14E-07	1.57E-05	1.69E-05	-5.95E-05	3.85E-05	1.19E-04	-9.06E-08				
52	507.00	-2.57E+00	-3.08E+00	-1.81E+00	-1.73E+00	-4.73E-01	-1.27E+00	-1.08E+00	-4.57E+00	-40.80	-4.20E+00	-1.07E+00	
	9.00	-1.69E-05	-3.65E-05	1.25E-05	-1.33E-04	-3.64E-05	-9.77E-05	4.03E-05	-9.38E-05				
53	603.00	-6.82E-02	9.48E-02	7.19E-02	-1.27E+00	-4.87E-01	1.18E+00	1.29E+00	-1.26E+00	-46.83	7.43E-01	-1.05E+00	
	-18.00	-3.71E-06	2.56E-06	1.68E-06	-9.79E-05	-3.75E-05	9.09E-05	4.85E-05	-4.96E-05				
54	712.00	2.17E-01	-8.20E-02	5.64E-02	-1.97E+00	-1.54E-01	1.92E+00	2.04E+00	-1.91E+00	-42.83	2.17E-01	-1.97E+00	
	-303.00	7.39E-06	-6.22E-06	7.33E-08	-1.79E-04	-1.40E-05	1.75E-04	9.04E-05	-8.93E-05				
55	712.00	1.10E+00	6.70E-01	6.75E-01	-2.17E+00	-4.91E-01	1.90E+00	3.07E+00	-1.30E+00	-42.19	1.10E+00	-2.17E+00	
	-213.00	1.82E-05	-1.25E-06	-1.06E-06	-1.98E-04	-4.46E-05	1.73E-04	1.08E-04	-9.06E-05				
56	712.00	1.31E+00	7.79E-01	4.74E-01	-1.67E+00	-1.12E+00	1.49E+00	2.74E+00	-6.52E-01	-40.51	1.31E+00	-1.67E+00	
	-138.00	1.63E-05	4.27E-06	-2.67E-06	-7.61E-05	-5.10E-05	6.77E-05	4.88E-05	-2.82E-05				
57	712.00	3.61E-01	6.41E-02	5.84E-02	-1.04E+00	-4.53E-01	1.11E+00	1.26E+00	-8.38E-01	-40.94	3.61E-01	-1.04E+00	
	-78.00	8.57E-06	-2.84E-06	-3.07E-06	-8.00E-05	-3.48E-05	8.53E-05	4.33E-05	-3.75E-05				
58	712.00	4.82E-01	4.12E-01	2.33E-01	-1.41E+00	-3.98E-01	1.39E+00	1.86E+00	-9.62E-01	-44.29	4.82E-01	-1.41E+00	
	-18.00	6.16E-06	3.46E-06	-3.42E-06	-1.08E-04	-3.06E-05	1.07E-04	5.90E-05	-4.94E-05				
59	837.00	5.65E+00	3.17E+00	3.53E+00	-1.66E+00	-9.97E-01	1.66E+00	6.48E+00	2.33E+00	-26.62	3.17E+00	1.66E+00	
	-318.00	9.65E-05	-1.63E-05	.00E+00	-1.51E-04	-9.06E-05	1.51E-04	1.34E-04	-5.42E-05				
60	887.00	8.45E-01	1.80E-01	4.10E-01	-4.45E+00	-3.60E-01	3.79E+00	4.98E+00	-3.95E+00	-42.86	-3.57E+00	1.80E+00	

	-288.00	1.98E-05	-1.05E-05	.00E+00	-4.05E-04	-3.27E-05	3.44E-04	2.08E-04	-1.98E-04					
61	987.00	-2.57E-01	-1.74E-01	-6.13E-01	-4.55E+00	2.39E-01	3.51E+00	3.79E+00	-5.32E+00	-46.20	-9.57E-01	-4.55E+00		
	-288.00	-1.57E-05	1.74E-06	.00E+00	-4.14E-04	2.17E-05	3.26E-04	2.00E-04	-2.14E-04					
62	1037.00	5.73E+00	3.52E+00	3.70E+00	-3.36E+00	-8.76E-01	2.92E+00	8.16E+00	1.09E+00	-35.88	3.52E+00	3.36E+00		
	-318.00	5.24E-05	-8.26E-06	.00E+00	-3.05E-04	-7.96E-05	2.65E-04	2.03E-04	-1.19E-04					
63	862.00	1.54E-01	1.47E-01	-1.69E-03	-2.25E+00	-7.60E-02	1.97E+00	2.40E+00	-2.10E+00	-44.96	1.54E-01	-2.25E+00		
	-213.00	3.11E-06	2.90E-06	-3.96E-06	-2.05E-04	-7.03E-06	1.79E-04	1.05E-04	-9.94E-05					
64	1012.00	-2.75E-01	-1.14E-01	-2.77E-01	-2.44E+00	8.72E-02	2.03E+00	2.25E+00	-2.64E+00	-45.94	-2.75E-01	-2.44E+00		
	-213.00	-3.83E-06	3.45E-06	-3.96E-06	-2.22E-04	7.93E-06	1.85E-04	1.11E-04	-1.11E-04					
65	837.00	-3.14E-01	2.56E-01	-3.73E-01	-1.69E+00	2.56E-02	2.02E+00	1.68E+00	-1.74E+00	-49.79	2.56E-01	1.69E+00		
	-148.00	-4.87E-06	8.08E-06	-6.23E-06	-7.67E-05	1.35E-06	9.17E-05	4.05E-05	-3.73E-05					
66	937.00	2.03E-01	1.94E-01	-1.99E-01	-3.03E+00	-1.20E-01	2.49E+00	3.23E+00	-2.83E+00	-44.95	-1.89E+00	2.19E+00		
	-128.00	3.58E-06	3.36E-06	-5.56E-06	-1.38E-04	-5.45E-06	1.13E-04	7.23E-05	-6.53E-05					
67	1037.00	2.66E+00	7.14E-01	6.76E-01	-2.87E+00	-8.67E-01	2.70E+00	4.72E+00	-1.35E+00	-35.66	7.14E-01	2.87E+00		
	-148.00	3.91E-05	-5.00E-06	-5.86E-06	-1.31E-04	-3.94E-05	1.23E-04	8.60E-05	-5.18E-05					
68	837.00	8.12E-01	9.06E-01	4.85E-01	-3.30E+00	-3.35E-01	2.85E+00	4.16E+00	-2.44E+00	-45.41	8.12E-01	-3.30E+00		
	-68.00	7.01E-06	1.06E-05	-5.55E-06	-2.54E-04	-2.58E-05	2.20E-04	1.36E-04	-1.18E-04					
69	937.00	9.26E-01	-6.81E-02	7.64E-02	-1.68E+00	-3.89E-01	1.47E+00	2.18E+00	-1.33E+00	-36.77	-6.81E-02	1.69E+00		
	-88.00	2.54E-05	-1.29E-05	-7.33E-06	-1.29E-04	-2.99E-05	1.13E-04	7.37E-05	-6.13E-05					
70	1037.00	3.51E-01	9.71E-02	-6.19E-02	-2.88E+00	6.04E-02	2.83E+00	3.11E+00	-2.66E+00	-43.74	-1.85E+00	2.00E+00		
	-68.00	9.26E-06	-5.13E-07	-6.63E-06	-2.21E-04	4.65E-06	2.18E-04	1.15E-04	-1.06E-04					
71	862.00	6.30E-01	4.88E-01	1.87E-01	-1.38E+00	-3.19E-01	1.30E+00	1.94E+00	-8.19E-01	-43.52	6.30E-01	-1.38E+00		
	-18.00	9.89E-06	4.43E-06	-7.15E-06	-1.06E-04	-2.46E-05	9.99E-05	6.01E-05	-4.58E-05					
72	1012.00	-1.57E-01	-1.96E-01	-4.24E-01	-1.48E+00	5.78E-02	1.24E+00	1.31E+00	-1.66E+00	-44.62	-1.57E-01	-1.49E+00		
	-18.00	2.51E-06	9.92E-07	-7.77E-06	-1.14E-04	4.45E-06	9.52E-05	5.87E-05	-5.52E-05					
73	1387.00	-2.93E-01	-2.88E-01	-2.69E-01	-1.86E+00	1.26E-02	1.46E+00	1.57E+00	-2.15E+00	-45.03	-2.93E-01	-1.86E+00		
	-303.00	-2.27E-06	-2.07E-06	-1.19E-06	-1.69E-04	1.15E-06	1.32E-04	8.22E-05	-8.65E-05					
74	1387.00	-2.30E-02	9.67E-02	-9.14E-02	-1.94E+00	-1.15E-03	1.42E+00	1.98E+00	-1.91E+00	-45.88	-2.30E-02	-1.94E+00		
	-213.00	-8.14E-07	4.62E-06	-3.93E-06	-1.77E-04	-1.05E-07	1.29E-04	9.03E-05	-8.65E-05					
75	1387.00	-3.35E-03	-8.46E-02	-3.63E-01	-1.43E+00	-4.56E-02	9.79E-01	1.38E+00	-1.47E+00	-44.18	-3.35E-03	-1.43E+00		
	-138.00	2.29E-06	4.44E-07	-5.89E-06	-6.48E-05	-2.07E-06	4.45E-05	3.38E-05	-3.10E-05					
76	1187.00	3.57E-01	2.73E-01	4.10E-02	-2.25E+00	-2.06E-01	1.36E+00	2.57E+00	-1.94E+00	-44.47	3.57E-01	-2.25E+00		
	-68.00	6.35E-06	3.12E-06	-5.79E-06	-1.73E-04	-1.58E-05	1.05E-04	9.15E-05	-8.20E-05					
77	1387.00	5.56E-01	4.72E-01	1.32E-01	-1.06E+00	-1.62E-01	8.26E-01	1.57E+00	-5.44E-01	-43.87	4.72E-01	1.06E+00		
	-88.00	8.63E-06	5.41E-06	-7.67E-06	-8.13E-05	-1.25E-05	6.36E-05	4.77E-05	-3.36E-05					
78	1587.00	2.45E-01	2.03E-01	-6.46E-02	-1.39E+00	-6.08E-03	7.21E-01	1.62E+00	-1.17E+00	-44.57	-3.30E-01	1.28E+00		
	-68.00	5.20E-06	3.61E-06	-6.70E-06	-1.07E-04	-4.68E-07	5.55E-05	5.80E-05	-4.91E-05					
79	1237.00	7.59E-01	3.38E-01	1.51E-01	-1.16E+00	-2.59E-01	7.89E-01	1.73E+00	-6.29E-01	-39.85	7.59E-01	-1.16E+00		
	-18.00	1.55E-05	-7.23E-07	-7.90E-06	-8.91E-05	-2.00E-05	6.07E-05	5.27E-05	-3.79E-05					
80	1433.80	4.66E-01	1.32E-01	-4.67E-02	-1.35E+00	-1.40E-01	5.98E-01	1.66E+00	-1.06E+00	-41.47	4.66E-01	-1.35E+00		
	-8.00	1.19E-05	-9.84E-07	-7.85E-06	-1.04E-04	-1.08E-05	4.60E-05	5.77E-05	-4.68E-05					
81	1533.80	7.79E-01	1.65E-01	9.63E-02	-7.64E-01	-1.44E-01	3.93E-01	1.30E+00	-3.52E-01	-34.05	1.65E-01	7.64E-01		
	-28.00	1.85E-05	-5.09E-06	-7.73E-06	-5.88E-05	-1.10E-05	3.03E-05	3.84E-05	-2.50E-05					
82	1633.80	8.69E-01	3.10E-01	2.08E-01	-3.11E-01	-4.43E-02	1.28E-01	1.01E+00	1.72E-01	-24.03	1.75E-01	4.99E-02		
	-8.00	1.82E-05	-3.31E-06	-7.25E-06	-2.39E-05	-3.41E-06	9.81E-06	2.35E-05	-8.65E-06					
83	1433.80	3.14E+00	1.37E+00	1.48E+00	-8.63E-01	-7.47E-01	4.16E-01	3.49E+00	1.02E+00	-22.16	1.37E+00	8.63E-01		
	27.60	5.49E-05	-1.20E-05	-9.04E-06	-6.64E-05	-5.75E-05	3.20E-05	6.85E-05	-2.65E-05					
84	1296.10	1.12E+00	1.69E-01	1.77E-01	-9.06E-01	-3.29E-01	4.41E-01	1.67E+00	-3.79E-01	-31.15	7.23E-01	1.02E+00		
	40.70	2.70E-05	-9.62E-06	-9.30E-06	-6.97E-05	-2.53E-05	3.39E-05	4.81E-05	-3.07E-05					
85	1148.60	4.97E-01	-2.49E-01	-1.91E-01	-1.27E+00	-3.95E-01	5.50E-01	1.45E+00	-1.20E+00	-36.82	-9.99E-01	-7.01E-01		
	57.33	1.85E-05	-1.02E-05	-7.98E-06	-9.77E-05	-3.04E-05	4.23E-05	5.51E-05	-4.68E-05					
86	1131.40	3.98E+00	1.95E+00	1.93E+00	-4.93E-01	-1.37E+00	9.82E-02	4.09E+00	1.84E+00	-12.98	1.95E+00	4.93E-01		
	112.00	6.66E-05	-1.13E-05	-1.22E-05	-3.79E-05	-1.05E-04	7.56E-06	7.10E-05	-1.56E-05					
87	1010.80	1.15E+00	6.70E-01	4.00E-01	-1.29E+00	-4.64E-01	1.72E+00	2.23E+00	-4.07E-01	-39.75	6.70E-01	1.29E+00		
	34.67	1.98E-05	1.37E-06	-8.99E-06	-9.95E-05	-3.57E-05	1.32E-04	6.12E-05	-4.00E-05					
88	886.60	5.90E-01	3.19E-01	9.17E-02	-1.10E+00	-2.38E-01	1.15E+00	1.56E+00	-6.50E-01	-41.48	5.90E-01	-1.10E+00		
	46.00	1.17E-05	1.27E-06	-7.46E-06	-8.43E-05	-1.83E-05	8.88E-05	4.89E-05	-3.60E-05					
89	869.80	2.44E+00	1.09E+00	1.07E+00	-6.49E-01	-7.91E-01	5.00E-01	2.70E+00	8.27E-01	-21.91	1.09E+00	6.49E-01		
	96.00	4.33E-05	-9.73E-06	-9.32E-06	-4.99E-05	-6.08E-05	3.85E-05	5.34E-05	-1.86E-05					
90	952.60	5.02E-01	-1.14E+00	-5.63E-01	-1.54E+00	-4.44E-01	1.14E+00	1.43E+00	-2.06E+00	-30.99	-1.65E+00	1.12E+00		
	128.00	3.25E-05	-3.65E-05	-9.51E-06	-1.18E-04	-3.41E-05	8.77E-05	6.80E-05	-6.61E-05					
91	869.80	[illegible]11E-01	[illegible].39E-02	3.74E-02	-7.53E-01	-4.36E-01	3[illegible]-01	1.20E+00	-4.39E-01	-33.22	7.11E-01	-7.53E-[illegible]		
	160.00	[illegible]5E-05	-6.74E-06	-7.38E-06	-5.79E-05	-3.36E-05	[illegible]05	3.75E-05	-2.57E-05					
92	869.[illegible]	[illegible]0E+00	1.25E+00	1.[illegible]0E+00	-4.59E-01	-1.59E+00	[illegible]-01	3.68E+00	1.18E+00	-10.73	1.26E+00	4.59		

	203.6[illegible]	[illegible]85E-05	-2.13E-05	-1.22E-05	-3.53E-05	-1.22E-04	[illegible]-05	7.18E-05	-2.47E-05				
93	598.67	3.13E-01	1.63E-01	-8.[illegible]E-02	-2.20E+00	-1.03E+00	[illegible]E+00	2.14E+00	-2.29E+00	-48.09	1.63E-01	2.20E+[illegible]	
	16.00	-9.40E-06	8.83E-06	-7.88E-07	-1.69E-04	-9.27E-05	1.06E-04	8.48E-05	-8.53E-05				
94	645.75	3.35E-01	3.08E-01	2.06E-01	-1.41E+00	-4.42E-01	1.21E+00	1.74E+00	-1.09E+00	-44.73	3.35E-01	-1.41E+00	
	24.00	3.55E-06	2.51E-06	-1.40E-06	-1.09E-04	-3.40E-05	9.32E-05	5.74E-05	-5.14E-05				
95	613.10	2.95E-01	5.76E-01	3.76E-01	-2.48E+00	-3.89E-01	5.48E-01	2.92E+00	-2.05E+00	-46.62	2.95E-01	-2.48E+00	
	60.33	-2.37E-06	8.45E-06	7.71E-07	-1.91E-04	-2.99E-05	4.22E-05	9.85E-05	-9.24E-05				
96	708.45	6.42E-01	2.18E-01	1.73E-01	-1.13E+00	-4.51E-01	9.74E-01	1.58E+00	-7.19E-01	-39.69	9.08E-01	1.04E+00	
	55.00	1.33E-05	-2.56E-06	-4.71E-06	-8.69E-05	-3.47E-05	7.49E-05	4.94E-05	-3.90E-05				
97	613.10	1.69E+00	7.41E-01	7.84E-01	-8.37E-01	-1.33E+00	5.69E-01	2.18E+00	2.67E-01	-30.55	7.61E-01	8.37E-01	
	96.00	2.93E-05	-6.23E-06	-5.35E-06	-6.44E-05	-1.02E-04	4.37E-05	4.83E-05	-2.52E-05				
98	682.27	6.65E-01	2.82E-01	2.04E-01	-1.64E+00	-3.99E-01	1.10E+00	2.12E+00	-1.18E+00	-41.66	-9.18E-01	8.83E-01	
	112.00	1.29E-05	-1.81E-06	-4.81E-06	-1.26E-04	-3.07E-05	8.43E-05	6.90E-05	-5.78E-05				
99	751.43	2.43E+00	-1.52E-01	6.38E-01	-1.69E+00	-1.17E+00	2.17E+00	3.26E+00	-9.85E-01	-26.29	-1.52E-01	1.69E+00	
	96.00	6.13E-05	-3.79E-05	-7.47E-06	-1.30E-04	-9.01E-05	1.67E-04	9.34E-05	-6.99E-05				
100	683.25	6.09E-01	2.33E-01	1.23E-01	-5.77E-01	-3.04E-01	6.99E-01	1.03E+00	-1.86E-01	-35.98	6.09E-01	-5.77E-01	
	152.00	1.28E-05	-1.64E-06	-5.89E-06	-4.44E-05	-2.34E-05	5.38E-05	2.90E-05	-1.76E-05				
101	648.67	3.03E+00	1.46E+00	1.51E+00	-4.21E-01	-9.13E-01	4.99E-01	3.13E+00	1.35E+00	-14.09	1.46E+00	4.21E-01	
	192.00	5.06E-05	-9.87E-06	-7.77E-06	-3.24E-05	-7.02E-05	3.84E-05	5.47E-05	-1.39E-05				
102	725.25	5.23E-01	-2.04E-01	-1.18E-01	-5.73E-01	-2.31E-01	4.98E-01	8.38E-01	-5.21E-01	-28.76	1.51E-01	6.79E-01	
	232.70	1.79E-05	-1.01E-05	-6.72E-06	-4.41E-05	-1.78E-05	3.83E-05	3.00E-05	-2.22E-05				
103	635.50	4.13E-01	4.30E-01	1.28E-01	-5.54E-02	-1.71E-01	-4.25E-02	4.78E-01	3.66E-01	-49.34	4.13E-01	-5.54E-02	
	256.00	5.21E-06	5.87E-06	-5.74E-06	-4.26E-06	-1.31E-05	-3.27E-06	7.70E-06	3.39E-06				
104	635.50	1.20E+00	8.00E-01	4.90E-01	-1.35E-02	-6.32E-01	5.03E-02	1.20E+00	7.99E-01	-1.94	8.00E-01	1.35E-02	
	290.67	1.87E-05	3.43E-06	-8.50E-06	-1.04E-06	-4.86E-05	3.87E-06	1.87E-05	3.42E-06				
105	569.00	-3.21E-01	1.93E-01	7.38E-02	-2.27E+00	-6.57E-01	2.08E+00	2.22E+00	-2.35E+00	-48.23	-3.21E-01	-2.27E+00	
	16.50	-1.18E-05	8.02E-06	3.44E-06	-1.74E-04	-5.06E-05	1.60E-04	8.59E-05	-8.96E-05				
106	508.50	-4.83E+00	-3.36E+00	-3.00E+00	-1.69E+00	-1.58E+00	6.38E-01	-2.11E+00	-5.87E+00	-58.13	-3.16E+00	1.69E+00	
	13.00	-6.49E-05	-8.81E-07	5.41E-06	-1.30E-04	-1.21E-04	4.91E-05	3.94E-05	-1.05E-04				
107	521.00	-1.25E+00	-5.23E-01	-3.78E-01	-2.24E+00	-5.63E-01	1.18E+00	1.38E+00	-3.16E+00	-49.60	-1.25E+00	-2.24E+00	
	15.75	-2.44E-05	3.51E-06	9.09E-06	-1.72E-04	-4.33E-05	9.09E-05	7.68E-05	-9.77E-05				
108	526.25	-1.06E+00	-4.18E-01	-3.16E-01	-2.47E+00	-4.69E-01	1.22E+00	1.75E+00	-3.24E+00	-48.71	-1.06E+00	-2.47E+00	
	21.00	-2.11E-05	3.66E-06	7.58E-06	-1.90E-04	-3.60E-05	9.38E-05	8.72E-05	-1.05E-04				
109	518.50	-3.02E+00	-1.96E+00	-1.90E+00	-3.07E+00	-1.06E+00	6.47E-01	6.20E-01	-5.60E+00	-49.89	-1.96E+00	3.07E+00	
	26.00	-4.05E-05	1.34E-07	2.54E-06	-2.36E-04	-8.15E-05	4.98E-05	9.95E-05	-1.40E-04				
110	531.50	-3.85E-01	-1.81E-01	-6.51E-02	-2.01E+00	-3.19E-01	1.03E+00	1.73E+00	-2.29E+00	-46.45	-3.85E-01	-2.01E+00	
	34.50	-7.86E-06	-3.78E-08	4.43E-06	-1.54E-04	-2.45E-05	7.93E-05	7.33E-05	-8.12E-05				
111	515.50	1.37E+00	2.20E+00	1.66E+00	-5.95E+00	-2.39E-01	3.16E-01	7.75E+00	-4.18E+00	-47.00	1.37E+00	-5.95E+00	
	44.00	-4.84E-06	2.72E-05	6.42E-06	-4.58E-04	-1.84E-05	2.43E-05	2.41E-04	-2.18E-04				
112	515.50	4.35E-01	2.75E-01	3.17E-01	-1.37E+00	-5.60E-01	5.19E-01	1.73E+00	-1.02E+00	-43.33	2.75E-01	1.37E+00	
	53.33	5.44E-06	-7.14E-07	9.17E-07	-1.05E-04	-4.31E-05	3.99E-05	5.51E-05	-5.04E-05				
113	547.50	1.01E+00	1.59E-02	4.41E-01	-2.11E+00	-3.67E-01	1.88E+00	2.68E+00	-1.65E+00	-38.38	-6.41E-01	1.83E+00	
	64.00	2.27E-05	-1.55E-05	8.64E-07	-1.62E-04	-2.83E-05	1.45E-04	8.69E-05	-7.97E-05				
114	515.50	1.79E+00	2.12E+00	1.62E+00	-2.50E+00	-1.44E-01	7.04E-01	4.46E+00	-5.46E-01	-46.89	1.79E+00	-2.50E+00	
	74.67	8.09E-06	2.08E-05	1.50E-06	-1.92E-04	-1.11E-05	5.42E-05	1.11E-04	-8.16E-05				
115	515.50	3.41E+00	2.16E+00	2.22E+00	-8.84E-01	-4.87E-01	4.84E-01	3.87E+00	1.70E+00	-27.39	2.16E+00	8.84E-01	
	88.00	4.55E-05	-2.49E-06	-2.00E-07	-6.80E-05	-3.74E-05	3.73E-05	6.31E-05	-2.01E-05				
116	547.50	2.14E+00	3.61E-01	9.95E-01	-2.63E+00	-3.56E-01	1.61E+00	4.03E+00	-1.53E+00	-35.66	-7.74E-01	1.91E+00	
	104.00	4.40E-05	-2.46E-05	-1.88E-07	-2.03E-04	-2.74E-05	1.24E-04	1.17E-04	-9.73E-05				
117	515.50	7.72E-01	8.36E-01	5.62E-01	-1.96E+00	-3.25E-02	9.78E-01	2.77E+00	-1.16E+00	-45.47	7.72E-01	-1.96E+00	
	120.00	5.85E-06	8.31E-06	-2.23E-06	-1.51E-04	-2.50E-06	7.52E-05	8.25E-05	-6.84E-05				
118	515.50	2.45E+00	1.51E+00	1.46E+00	-7.57E-01	-2.35E-01	4.10E-01	2.87E+00	1.09E+00	-29.04	1.51E+00	7.57E-01	
	136.00	3.47E-05	-1.55E-06	-3.37E-06	-5.82E-05	-1.80E-05	3.15E-05	5.09E-05	-1.77E-05				
119	547.50	1.81E+00	5.54E-01	8.30E-01	-1.82E+00	-1.92E-01	1.01E+00	3.11E+00	-7.47E-01	-35.49	-2.30E-01	1.31E+00	
	152.00	3.45E-05	-1.38E-05	-3.17E-06	-1.40E-04	-1.47E-05	7.78E-05	8.45E-05	-6.38E-05				
120	515.50	8.53E-01	7.46E-01	4.42E-01	-1.35E+00	6.44E-03	7.00E-01	2.15E+00	-5.53E-01	-43.87	8.53E-01	-1.35E+00	
	168.00	1.04E-05	6.27E-06	-5.43E-06	-1.04E-04	4.95E-07	5.39E-05	6.03E-05	-4.37E-05				
121	515.50	3.11E+00	1.92E+00	1.81E+00	-5.95E-01	-1.87E-01	3.08E-01	3.36E+00	1.67E+00	-22.46	1.92E+00	5.95E-01	
	184.00	4.45E-05	-1.30E-06	-5.62E-06	-4.58E-05	-1.44E-05	2.37E-05	5.40E-05	-1.09E-05				
122	547.50	1.19E+00	-4.02E-01	1.21E-01	-1.96E+00	-1.29E-01	1.29E+00	2.50E+00	-1.72E+00	-33.96	-1.23E+00	1.35E+00	
	200.00	3.57E-05	-2.54E-05	-5.29E-06	-1.51E-04	-9.90E-06	9.91E-05	8.64E-05	-7.61E-05				
123	515.50	-3.82E-01	-6.49E-01	-7.10E-01	-9.68E-01	1.75E-01	8.79E-01	4.62E-01	-1.49E+00	-41.07	-3.82E-01	-9.68E-01	
	216.00	4.44E-06	-5.84E-06	-9.16E-06	-7.45E-05	1.35E-05	6.77E-05	3.69E-05	-3.83E-05				
124	515.50	8.93E-01	4.78E-01	2.91E-01	-2.30E-01	2.61E-01	2.03E-01	1.00E+00	3.69E-01	-24.52	4.78E-01	2.39E-01	

	232.00	1.61E-05	1.22E-07	-7.08E-06	-1.84E-05	2.01E-05	1.56E-05	2.03E-05	-4.07E-06				
125	547.50	5.78E-01	3.27E-01	1.23E-01	-4.58E-01	1.33E-01	5.03E-01	9.31E-01	-1.55E-02	-37.64	1.36E-01	3.47E-01	
	248.00	1.08E-05	1.56E-06	-6.66E-06	-3.52E-05	1.02E-05	3.87E-05	2.44E-05	-1.20E-05				
126	515.50	-6.50E-01	-9.70E-01	-9.70E-01	4.68E-02	2.60E-01	8.10E-01	-6.43E-01	-9.76E-01	8.16	-6.50E-01	4.68E-02	
	264.00	3.47E-06	-8.53E-06	-8.86E-06	3.60E-06	2.00E-05	6.23E-05	3.72E-06	-9.09E-06				
127	515.50	4.91E-01	2.61E-01	8.19E-02	-8.27E-02	5.05E-01	1.12E-01	5.18E-01	2.34E-01	-17.84	2.61E-01	8.27E-02	
	276.00	9.73E-06	8.70E-07	-6.02E-06	-6.36E-06	3.88E-05	8.62E-06	1.08E-05	-1.54E-07				
128	531.50	-3.25E-01	-2.27E-01	-4.79E-01	-5.38E-02	2.30E-01	6.67E-02	-2.03E-01	-3.48E-01	-66.15	-3.25E-01	-5.33E-02	
	297.00	-1.16E-06	2.61E-06	-7.11E-06	-4.14E-06	1.77E-05	5.29E-06	3.52E-06	42.08E-06				
129	515.50	-1.44E+00	-1.25E+00	-1.37E+00	2.80E-01	2.50E-01	5.63E-01	-1.05E+00	-1.64E+00	54.49	-1.44E+00	2.80E-01	
	320.00	-1.09E-05	-3.50E-06	-7.92E-06	2.15E-05	1.92E-05	4.33E-05	4.18E-06	-1.86E-05				
130	565.50	-1.07E-01	2.16E-01	2.65E-01	-3.42E+00	-8.63E-01	2.72E+00	3.47E+00	-3.37E+00	-46.35	-1.07E-01	-3.42E+00	
	-8.00	-8.24E-06	4.20E-06	6.09E-06	-2.63E-04	-6.64E-05	2.09E-04	1.29E-04	-1.34E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.4586E+02	.2851E+03	.3125E+02	-.3692E+02	-.8384E+02	.5732E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4681E+01	-.1918E+01	-.7812E+00	-.3425E+02	.2256E+02	.2981E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3632E+01	.5479E+00	-.2989E+00	-.5558E+02	.4953E+02	.5467E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5151E+01	-.1201E+01	-.1920E-01	-.7783E+02	.7796E+02	.7986E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5343E+01	.7267E+00	-.2060E-01	-.9993E+02	.1058E+03	.1074E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1422E+01	.7229E+00	-.3190E+00	-.1321E+03	.1348E+03	.1402E+03
25	-.1465E+02	-.2362E+01	-.3987E-01	-.1639E+03	.1487E+03	.1721E+03
26	.4297E+00	-.3922E+00	.1074E+00	-.1782E+03	.1572E+03	.1953E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7067E+02	.1494E+02	-.2339E+01	-.1834E+03	.2173E+03	.2142E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1181E+04	-.2098E+03	.1132E+02	-.2540E+03	.5852E+03	.3366E+03
40	-.8621E+03	-.1398E+03	.1213E+01	-.2404E+03	.5776E+03	.3092E+03
41	-.6086E+03	-.8547E+02	-.8856E+01	-.2095E+03	.5235E+03	.2689E+03
42	-.1582E+03	-.1419E+02	-.9333E+01	-.1840E+03	.3711E+03	.2347E+03
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1640E+04	.2182E+03	.9384E+01	-.4507E+02	.6159E+03	-.1652E+03
48	.1426E+04	.1892E+03	.1031E+02	-.7796E+02	.5714E+03	-.1189E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2212E+04	.3370E+03	.1033E+02	.6183E+02	.4264E+03	-.5167E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.6655E+01	-.7952E+01	.9439E+00	-.2665E+02	.6069E+03	-.1549E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1513E+04	.2298E+03	.1030E+02	.2864E+02	.3449E+03	-.4878E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1058E+04	.1615E+03	.1381E+02	.2804E+02	.3241E+03	-.4742E+03
66	.3514E+03	.5495E+02	.1735E+02	.3450E+02	.2711E+03	-.4942E+03
67	-.7397E+03	-.1091E+03	.1732E+02	.3229E+02	.2165E+03	-.4938E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1317E+04	-.1960E+03	.1452E+02	-.2598E+02	.1707E+03	-.4832E+03
76	.1428E+03	.2254E+02	.9848E+01	-.4301E+02	.1095E+03	-.4862E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5503E+03	-.8212E+02	.7123E+01	-.5727E+02	.3448E+02	-.4706E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2341E+03	.3514E+02	.5048E+01	-.8794E+02	-.1080E+02	-.4565E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3202E+03	-.4865E+02	.4478E+01	-.6771E+02	-.7416E+02	-.4230E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2190E+03	.3170E+02	.3763E+01	-.5068E+02	-.1117E+03	-.3870E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2472E+03	-.3868E+02	.3844E+01	-.5199E+02	-.1651E+03	-.3475E+03

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109	.1472E+03	.2023E+02	.3243E+01	-.6502E+02	-.2001E+03	-.3010E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2053E+03	-.3206E+02	.3165E+01	-.3708E+02	-.2358E+03	-.2485E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9241E+02	-.1633E+02	.5439E+00	-.1958E+02	-.2580E+03	-.1949E+03
115	-.3730E+02	-.5197E+01	-.2573E+00	-.5750E+01	-.2594E+03	-.1408E+03
116	-.7079E+02	-.1353E+02	-.9563E+00	.3079E+01	-.2719E+03	-.1044E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.8423E+02	-.1570E+02	-.1759E+01	-.9160E+01	-.2755E+03	-.5412E+02
119	-.5622E+02	-.1125E+02	-.2497E+01	.2255E+02	-.2555E+03	-.5160E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1616E+03	-.2127E+02	-.9606E+01	.2095E+02	-.2238E+03	-.2556E+02
122	-.1349E+03	-.1042E+02	-.1661E+02	-.6393E+01	-.2162E+03	-.2796E+02
123	-.1023E+03	-.6890E+01	-.1432E+02	-.4143E+01	-.1891E+03	-.2527E+02
124	-.7462E+02	-.4843E+01	-.1023E+02	-.2607E+01	-.1559E+03	-.2310E+02
125	-.4929E+02	-.2457E+01	-.7522E+01	-.1336E+01	-.1291E+03	-.2102E+02
126	-.1595E+02	.2794E+01	-.7009E+01	.2821E+00	-.1089E+03	-.1880E+02
127	.9549E+01	.6905E+01	-.7165E+01	.1362E+01	-.9328E+02	-.1596E+02
128	.3385E+02	.1034E+02	-.6912E+01	.3962E+01	-.6128E+02	-.1274E+02
129	.3452E+02	.9001E+01	-.5891E+01	.5100E+01	-.3539E+02	-.9893E+01
130	.2408E+02	.5535E+01	-.4409E+01	.5227E+01	-.1629E+02	-.7867E+01
131	.6439E+01	.1013E+01	-.3077E+01	.4520E+01	-.5836E+01	-.6569E+01
132	-.6637E+00	-.4558E+00	-.2288E+01	.3053E+01	-.6126E+01	-.5642E+01
133	-.1276E+01	-.3943E+00	-.2083E+01	.2139E+01	-.7024E+01	-.4735E+01
134	-.3487E+00	-.1148E+00	-.2070E+01	.1637E+01	-.5951E+01	-.3725E+01
135	-.1966E-02	-.8830E-02	-.2323E+01	.1244E+01	-.4207E+01	-.2746E+01
136	-.2430E-02	-.1497E-01	-.3090E+01	.8655E+00	-.2732E+01	-.1833E+01
137	.5609E-01	.1890E-01	-.4853E+01	.5898E+00	-.1233E+01	-.1002E+01
138	-.3116E-01	-.1047E+00	-.8059E+02	.3768E+00	.3218E+00	-.4988E+00
139	-.7593E-01	-.1231E+00	.2572E+02	.6165E-01	-.1724E+00	.1711E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.12540E-01	-.70741E-04	.12592E-01	.00000E+00
3	-.22911E-01	-.24756E-03	.22909E-01	.00000E+00
4	-.24853E-01	-.24987E-03	.24785E-01	.00000E+00
5	-.26837E-01	.22786E-05	.26848E-01	.00000E+00
6	-.30385E-01	.10987E-05	.30380E-01	-.68831E-05
7	-.27868E-01	-.54139E-03	.28256E-01	.00000E+00
8	-.30475E-01	-.42156E-03	.30585E-01	-.14737E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.12475E-01	-.15277E-03	.12613E-01	.00000E+00
11	-.23068E-01	-.33590E-03	.23444E-01	.00000E+00
12	-.25715E-01	-.39990E-03	.26164E-01	.00000E+00
13	-.27869E-01	-.32219E-03	.28112E-01	.00000E+00
14	-.30457E-01	-.45339E-03	.31127E-01	-.34072E-05
15	-.28234E-01	-.83083E-03	.29606E-01	.00000E+00
16	-.30930E-01	-.73417E-03	.32015E-01	.75405E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.12598E-01	-.23272E-03	.13188E-01	.00000E+00
19	-.23518E-01	-.47318E-03	.24725E-01	.00000E+00
20	-.26286E-01	-.60467E-03	.27718E-01	.00000E+00
21	-.28544E-01	-.43144E-03	.29863E-01	.00000E+00
22	-.31303E-01	-.55399E-03	.33257E-01	-.17097E-05
23	-.29311E-01	-.12553E-02	.32407E-01	.00000E+00
24	-.31770E-01	-.11251E-02	.34883E-01	-.11334E-04
25	-.32094E-01	-.14354E-02	.35925E-01	-.49039E-06
	-.32284E-01	-.13536E-02	.36541E-01	.19003E-05
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.12603E-01	-.44982E-03	.13714E-01	.00000E+00

	-.24039E-01	-.91342E-03	.26066E-01	.00000E+00
	-.26861E-01	-.16763E-02	.29579E-01	.00000E+00
31	-.29565E-01	-.13023E-02	.32963E-01	.00000E+00
32	-.32484E-01	-.15554E-02	.37221E-01	-.30676E-04
33	-.29432E-01	-.13524E-02	.33016E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.12503E-01	-.64011E-03	.13767E-01	.00000E+00
36	-.24211E-01	-.11238E-02	.26412E-01	.00000E+00
37	-.27122E-01	-.12690E-02	.29532E-01	.00000E+00
38	-.30359E-01	-.16302E-02	.34243E-01	.00000E+00
39	-.32867E-01	-.21916E-02	.39398E-01	.17028E-04
40	-.32804E-01	-.22576E-02	.39125E-01	-.20166E-05
41	-.32743E-01	-.21507E-02	.37871E-01	-.14645E-04
42	-.32637E-01	-.19115E-02	.37581E-01	-.26214E-04
43	-.26975E-01	-.15283E-02	.29116E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.11641E-01	.77748E-05	.12701E-01	.00000E+00
46	-.24093E-01	-.59370E-03	.25547E-01	.00000E+00
47	-.32898E-01	-.20370E-02	.38503E-01	.16671E-04
48	-.32889E-01	-.21088E-02	.38488E-01	.24712E-04
49	-.30321E-01	-.16767E-02	.33966E-01	.00000E+00
50	-.33194E-01	-.21127E-02	.38628E-01	.73433E-04
51	-.30655E-01	-.19131E-02	.33342E-01	.00000E+00
52	-.34296E-01	-.19737E-02	.36515E-01	.00000E+00
53	-.33922E-01	-.19325E-02	.38561E-01	.47401E-05
54	-.26732E-01	-.10373E-02	.27263E-01	.00000E+00
55	-.30031E-01	-.15083E-02	.30141E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.99985E-02	-.11027E-02	.95139E-02	.00000E+00
58	-.21512E-01	-.73591E-03	.18297E-01	.00000E+00
59	-.34918E-01	-.14733E-02	.34808E-01	.00000E+00
60	-.34341E-01	-.17944E-02	.35545E-01	.00000E+00
61	-.33478E-01	-.21182E-02	.38721E-01	.11339E-03
62	-.25308E-01	-.56239E-03	.22097E-01	.00000E+00
63	-.29184E-01	-.56462E-03	.26490E-01	.00000E+00
64	-.34993E-01	-.18640E-02	.37007E-01	.00000E+00
65	-.33862E-01	-.21236E-02	.38807E-01	.14103E-03
66	-.34815E-01	-.21327E-02	.38982E-01	.17152E-03
67	-.35844E-01	-.21394E-02	.39172E-01	.16371E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.78652E-02	.12307E-03	.58517E-02	.00000E+00
70	-.22747E-01	-.20427E-03	.18839E-01	.00000E+00
71	-.33966E-01	-.58327E-03	.30525E-01	.00000E+00
72	-.35037E-01	-.17740E-02	.37129E-01	.00000E+00
73	-.26032E-01	-.30356E-03	.21887E-01	.00000E+00
74	-.38139E-01	-.18296E-02	.38718E-01	.00000E+00
75	-.36720E-01	-.21458E-02	.39338E-01	.12485E-03
76	-.37903E-01	-.21997E-02	.39652E-01	.87639E-04
77	-.32307E-01	-.17520E-03	.26316E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.93370E-02	-.31366E-03	.78586E-02	.00000E+00
80	-.21707E-01	.16158E-03	.16966E-01	.00000E+00
81	-.24042E-01	.17199E-03	.18570E-01	.00000E+00
82	-.26923E-01	.25555E-03	.21994E-01	.00000E+00
83	-.37913E-01	-.59727E-03	.33863E-01	.00000E+00
84	-.35648E-01	-.96923E-04	.29507E-01	.00000E+00
85	-.39244E-01	-.22135E-02	.40049E-01	.70179E-04
86	-.39531E-01	-.18392E-02	.39746E-01	.00000E+00
87	-.32535E-01	.99575E-06	.25331E-01	.00000E+00
88	-.39555E-01	-.15062E-02	.37246E-01	.00000E+00
89	-.40170E-01	-.22726E-02	.40434E-01	.56615E-04
90	-.25057E-01	.14062E-03	.14715E-01	.00000E+00
91	-.26[illegible]32E-01	.26621E-03	.16103E-01	.00000E+00
92	-.29875E-01	-.17329E-03	.17126E-01	.00000E+00

93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.10854E-01	.00000E+00	.63580E-02	.00000E+00
95	-.18027E-01	.00000E+00	.11325E-01	.00000E+00
96	-.22205E-01	.00000E+00	.12914E-01	.00000E+00
97	-.23831E-01	.00000E+00	.12880E-01	.00000E+00
98	-.23441E-01	.00000E+00	.12583E-01	.00000E+00
99	-.25588E-01	-.11532E-03	.13723E-01	.00000E+00
100	-.31451E-01	-.26381E-03	.19943E-01	.00000E+00
101	-.38076E-01	-.84308E-03	.29813E-01	.00000E+00
102	-.41600E-01	-.23386E-02	.40985E-01	.50755E-04
103	-.39774E-01	-.95143E-03	.35032E-01	.00000E+00
104	-.42142E-01	-.21506E-02	.41127E-01	.00000E+00
105	-.42598E-01	-.23143E-02	.41456E-01	.43619E-04
106	-.41609E-01	-.11254E-02	.37993E-01	.00000E+00
107	-.43776E-01	-.22356E-02	.41846E-01	.00000E+00
108	-.43737E-01	-.24297E-02	.41895E-01	.41663E-04
109	-.44565E-01	-.24542E-02	.42246E-01	.35367E-04
110	-.44064E-01	-.25316E-02	.39936E-01	.00000E+00
111	-.45508E-01	-.26921E-02	.43041E-01	.00000E+00
112	-.45457E-01	-.25030E-02	.42543E-01	.31634E-04
113	-.45238E-01	-.22522E-02	.41168E-01	.00000E+00
114	-.45956E-01	-.24973E-02	.42737E-01	.11868E-04
115	-.46117E-01	-.24948E-02	.42878E-01	.33084E-05
116	-.46135E-01	-.24559E-02	.42904E-01	-.28373E-05
117	-.45878E-01	-.27912E-02	.43747E-01	.00000E+00
118	-.46072E-01	-.24504E-02	.42914E-01	-.76651E-05
119	-.45857E-01	-.24347E-02	.42900E-01	-.13498E-04
120	-.46253E-01	-.26365E-02	.43662E-01	.00000E+00
121	-.45430E-01	-.23837E-02	.42813E-01	-.23777E-04
122	-.45382E-01	-.21939E-02	.42856E-01	-.28987E-04
123	-.45308E-01	-.19955E-02	.42887E-01	-.33121E-04
124	-.45222E-01	-.17801E-02	.42918E-01	-.37907E-04
125	-.45107E-01	-.15325E-02	.42949E-01	-.43656E-04
126	-.44980E-01	-.10530E-02	.42999E-01	-.50544E-04
127	-.44633E-01	-.53434E-03	.43047E-01	-.51848E-04
128	-.44156E-01	.53505E-03	.43146E-01	-.43094E-04
129	-.43821E-01	.13353E-02	.43235E-01	-.29146E-04
130	-.43618E-01	.18696E-02	.43332E-01	-.12650E-04
131	-.43598E-01	.19507E-02	.43480E-01	.54632E-05
132	-.43727E-01	.15692E-02	.43612E-01	.10196E-04
133	-.43842E-01	.11619E-02	.43728E-01	.79105E-05
134	-.43908E-01	.87546E-03	.43823E-01	.56025E-05
135	-.43950E-01	.65909E-03	.43900E-01	.46944E-05
136	-.43980E-01	.45340E-03	.43956E-01	.57755E-05
137	-.43997E-01	.25467E-03	.43990E-01	.46461E-05
138	-.44009E-01	.39685E-04	.44009E-01	.51211E-05
139	-.44009E-01	.48510E-05	.44009E-01	.48789E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.10E-02	-4.32E-02	-1.37E-03	-1.53E+00	-6.42E-03	1.55E+00	1.50E+00	-1.56E+00	-44.70	-1.10E-02	-1.53E+00
	-303.00	2.23E-07	-1.24E-06	6.59E-07	-1.39E-04	-5.84E-07	1.41E-04	6.91E-05	-7.01E-05			
2	72.00	-2.32E-02	-6.01E-02	2.69E-02	-1.29E+00	-2.82E-04	1.32E+00	1.25E+00	-1.33E+00	-44.59	-2.32E-02	-1.29E+00
	-213.00	-3.24E-07	-2.00E-06	1.96E-06	-1.17E-04	-2.56E-08	1.20E-04	5.74E-05	-5.97E-05			
3	72.00	-2.04E-01	-7.21E-02	6.73E-02	-8.59E-01	8.84E-02	9.37E-01	7.24E-01	-1.00E+00	-47.19	-2.04E-01	-8.59E-01
	-138.00	-3.54E-06	-5.44E-07	2.62E-06	-3.91E-05	4.02E-06	4.26E-05	1.75E-05	-2.16E-05			
4	24.0[illegible]	-1.08E+00	-6.13E-01	-7.82E-01	-1.61E+00	2.91E-01	[illegible]8E+00	7.78E-01	-2.46E+00	-49.09	-1.08E+00	-1.61[illegible]
	-68.[illegible]	1.43E-05	3.10E-06	-2.81E-06	-1.24E-04	2.24E-05	[illegible]7E-04	5.72E-05	-6.86E-05			
5	72	[illegible]3.73E-01	2.04E-01	4.58E-01	-7.14E-01	-2.11E-02	[illegible]2E-01	1.01E+00	-4.31E-01	-41.62	2.04E-01	7.[illegible]

	-88.	[illegible].98E-06	-3.54E-06	6.24E-06	-5.50E-05	-1.62E-06	[illegible]E-05	2.74E-05	-2.79E-05					
6	120.0[illegible]	[illegible].07E-01	2.13E-01	3.04E-01	-1.36E+00	-7.46E-02	[illegible]E+00	1.57E+00	-1.15E+00	-45.06	-1.13E+00	2.49[illegible]		
	-68.0[illegible]	2.32E-09	2.32E-07	3.74E-06	-1.05E-04	-5.74E-06	[illegible]E-04	5.24E-05	-5.22E-05					
7	36.25	-3.73E-01	-1.41E-01	-7.90E-02	-7.77E-01	1.01E-01	7.42E-01	5.26E-01	-1.04E+00	-49.24	-3.46E-01	-7.80E-01		
	-10.00	-7.82E-06	1.08E-06	3.48E-06	-5.97E-05	7.77E-06	5.70E-05	2.68E-05	-3.36E-05					
8	108.00	4.25E-02	7.27E-02	1.49E-01	-5.84E-01	-5.08E-04	6.51E-01	6.46E-01	-5.30E-01	-45.74	4.25E-02	-5.88E-01		
	-10.00	-1.26E-06	-9.60E-08	2.81E-06	-4.52E-05	-3.91E-08	5.01E-05	2.19E-05	-2.33E-05					
9	216.00	-8.54E-02	-1.23E-01	-5.75E-02	-1.54E+00	1.27E-02	1.58E+00	1.43E+00	-1.64E+00	-44.65	-8.54E-02	-1.54E+00		
	-302.00	-4.27E-07	-2.14E-06	8.42E-07	-1.40E-04	1.15E-06	1.44E-04	6.85E-05	-7.11E-05					
10	216.00	-1.18E-01	-1.27E-01	-1.59E-02	-1.32E+00	4.15E-02	1.38E+00	1.20E+00	-1.45E+00	-44.90	-1.18E-01	-1.32E+00		
	-213.00	-1.09E-06	-2.39E-06	2.67E-06	-1.20E-04	3.77E-06	1.26E-04	5.80E-05	-6.23E-05					
11	216.00	-1.03E-01	-1.06E-01	1.40E-01	-1.02E+00	1.28E-01	1.09E+00	8.71E-01	-1.17E+00	-46.21	-1.93E-01	-1.02E+00		
	-138.00	-3.54E-06	-1.58E-06	4.03E-06	-4.63E-05	5.84E-06	4.97E-05	2.06E-05	-2.57E-05					
12	168.00	-4.96E-01	-4.84E-01	-2.95E-01	-1.57E+00	2.35E-01	1.62E+00	1.08E+00	-2.06E+00	-45.12	-4.96E-01	-1.57E+00		
	-68.00	-5.09E-06	-4.59E-06	2.67E-06	-1.21E-04	1.81E-05	1.25E-04	5.56E-05	-6.53E-05					
13	216.00	4.87E-01	1.94E-01	5.14E-01	-6.50E-01	2.39E-02	6.50E-01	1.01E+00	-3.25E-01	-38.66	1.94E-01	6.50E-01		
	-88.00	5.59E-06	-5.66E-06	6.63E-06	-5.00E-05	1.84E-06	5.00E-05	2.56E-05	-2.56E-05					
14	264.00	3.77E-02	1.96E-01	2.91E-01	-1.33E+00	-2.43E-02	1.37E+00	1.45E+00	-1.22E+00	-46.70	-1.18E+00	3.18E-01		
	-68.00	-4.31E-06	1.77E-06	5.42E-06	-1.02E-04	-1.87E-06	1.05E-04	5.00E-05	-5.25E-05					
15	180.00	-1.33E-01	-2.49E-02	9.75E-02	-6.86E-01	1.58E-01	6.50E-01	6.09E-01	-7.67E-01	-47.25	-1.33E-01	-6.86E-01		
	-10.00	-4.44E-06	-2.97E-07	4.41E-06	-5.28E-05	1.21E-05	5.00E-05	2.41E-05	-2.88E-05					
16	252.00	-8.17E-02	3.82E-02	1.90E-01	-5.59E-01	6.12E-02	6.83E-01	5.41E-01	-5.84E-01	-48.06	-8.17E-02	-5.59E-01		
	-10.00	-4.75E-06	-1.36E-07	5.69E-06	-4.30E-05	4.71E-06	5.26E-05	1.92E-05	-2.41E-05					
17	361.00	-1.16E-01	-1.99E-01	-8.98E-02	-1.55E+00	6.87E-03	1.65E+00	1.39E+00	-1.71E+00	-44.23	-1.16E-01	-1.55E+00		
	-303.00	-1.59E-08	-3.79E-06	1.18E-06	-1.41E-04	6.25E-07	1.50E-04	6.85E-05	-7.23E-05					
18	361.00	-1.41E-01	-1.88E-01	-2.65E-02	-1.39E+00	3.28E-02	1.48E+00	1.23E+00	-1.56E+00	-44.52	-1.41E-01	-1.39E+00		
	-213.00	-1.90E-06	-3.93E-06	3.42E-06	-1.26E-04	2.98E-06	1.34E-04	6.04E-05	-6.61E-05					
19	361.00	-2.10E-01	-1.47E-01	1.84E-01	-1.10E+00	1.29E-01	1.24E+00	9.21E-01	-1.28E+00	-45.83	-2.10E-01	-1.10E+00		
	-138.00	-3.87E-06	-2.43E-06	5.09E-06	-5.00E-05	5.88E-06	5.63E-05	2.18E-05	-2.81E-05					
20	312.00	-8.67E-01	-7.29E-01	-4.71E-01	-1.78E+00	4.00E-01	1.97E+00	9.85E-01	-2.58E+00	-46.12	-8.67E-01	-1.78E+00		
	-68.00	-1.06E-05	-5.30E-06	4.59E-06	-1.37E-04	3.08E-05	1.52E-04	6.06E-05	-7.65E-05					
21	360.67	7.99E-01	4.57E-01	7.69E-01	-8.51E-01	-1.71E-02	9.59E-01	1.49E+00	-2.44E-01	-39.49	4.57E-01	8.51E-01		
	-88.00	8.20E-06	-4.57E-06	7.44E-06	-6.55E-05	-1.31E-06	7.38E-05	3.52E-05	-3.15E-05					
22	409.33	-4.75E-01	-6.60E-01	-2.16E-01	-1.69E+00	1.24E-02	2.11E+00	1.12E+00	-2.26E+00	-43.44	-2.24E+00	2.59E-01		
	-68.00	-3.44E-06	-1.05E-05	6.56E-06	-1.30E-04	9.51E-07	1.63E-04	5.81E-05	-7.20E-05					
23	324.00	-2.79E-01	-5.29E-02	1.33E-01	-7.10E-01	2.81E-01	6.92E-01	5.53E-01	-8.85E-01	-49.53	-2.79E-01	-7.10E-01		
	-10.00	-8.56E-06	1.52E-07	7.32E-06	-5.46E-05	2.16E-05	5.32E-05	2.35E-05	-3.19E-05					
24	372.00	-1.72E-01	1.12E-01	2.79E-01	-1.83E+00	2.68E-01	1.94E+00	1.80E+00	-1.86E+00	-47.22	-1.72E-01	-1.83E+00		
	-9.33	-9.03E-06	1.90E-06	8.32E-06	-1.41E-04	2.06E-05	1.49E-04	6.69E-05	-7.41E-05					
25	401.25	-7.32E-02	2.76E-02	3.12E-01	-6.01E-01	9.34E-02	8.07E-01	5.80E-01	-6.26E-01	-47.40	4.93E-01	-3.12E-01		
	-10.00	-5.75E-06	-1.87E-06	9.08E-06	-4.62E-05	7.19E-06	6.21E-05	1.94E-05	-2.70E-05					
26	427.67	-9.15E-01	-8.96E-01	-4.35E-01	-2.05E+00	3.62E-01	2.75E+00	1.14E+00	-2.95E+00	-45.14	-2.13E+00	-1.65E+00		
	-9.33	-1.05E-05	-9.76E-06	7.94E-06	-1.58E-04	2.79E-05	2.12E-04	6.87E-05	-8.90E-05					
27	457.00	-1.37E-01	-2.95E-01	-1.33E-01	-1.56E+00	-8.00E-03	1.69E+00	1.34E+00	-1.77E+00	-43.56	-1.37E-01	-1.56E+00		
	-303.00	1.09E-06	-6.06E-06	1.30E-06	-1.42E-04	-7.27E-07	1.53E-04	6.84E-05	-7.33E-05					
28	457.00	-1.23E-01	-2.22E-01	-2.67E-02	-1.46E+00	7.55E-03	1.55E+00	1.29E+00	-1.64E+00	-44.04	-1.23E-01	-1.46E+00		
	-213.00	-7.79E-07	-5.25E-06	3.61E-06	-1.33E-04	7.23E-07	1.41E-04	6.35E-05	-6.95E-05					
29	457.00	-3.11E-01	-2.01E-01	1.36E-01	-1.17E+00	-3.97E-02	1.27E+00	9.13E-01	-1.42E+00	-46.35	-3.11E-01	-1.17E+00		
	-138.00	-5.10E-06	-2.59E-06	5.06E-06	-5.31E-05	-1.81E-06	5.77E-05	2.27E-05	-3.04E-05					
30	442.00	-4.87E-01	-1.11E+00	-4.20E-01	-2.02E+00	-5.03E-02	2.24E+00	1.24E+00	-2.85E+00	-40.59	-4.87E-01	-2.02E+00		
	-68.00	3.48E-06	-2.07E-05	6.07E-06	-1.55E-04	-3.87E-06	1.72E-04	7.01E-05	-8.72E-05					
31	457.33	2.37E+00	1.62E+00	1.54E+00	-6.93E-01	-1.08E+00	1.18E+00	2.66E+00	7.27E-01	-22.93	1.02E+00	6.93E-01		
	-88.00	3.69E-05	-1.49E-05	5.12E-06	-5.33E-05	-8.29E-05	9.11E-05	4.81E-05	-2.62E-05					
32	472.67	-3.99E+00	-3.53E+00	-2.83E+00	-1.73E+00	6.61E-01	2.83E+00	-2.01E+00	-5.51E+00	-48.84	-5.06E+00	-1.17E+00		
	-68.00	-3.99E-05	-2.10E-05	4.95E-06	-1.33E-04	5.08E-05	2.18E-04	3.63E-05	-9.81E-05					
33	443.00	-3.49E-01	-3.06E-01	7.93E-02	-1.05E+00	1.30E-01	1.08E+00	7.18E-01	-1.37E+00	-45.59	-3.49E-01	-1.05E+00		
	-10.50	-7.10E-06	-5.43E-06	9.37E-06	-9.04E-05	1.00E-05	8.33E-05	3.40E-05	-4.65E-05					
34	454.00	-3.24E+00	-2.54E+00	-2.03E+00	-2.63E+00	7.85E-01	3.49E+00	-2.40E-01	-5.54E+00	-48.77	-4.28E+00	-2.25E+00		
	-11.33	-3.87E-05	-1.20E-05	7.78E-06	-2.02E-04	6.04E-05	2.68E-04	7.65E-05	-1.27E-04					
35	461.67	-9.87E-01	-1.32E+00	-6.45E-01	-2.46E+00	2.01E-01	3.62E+00	1.34E+00	-3.64E+00	-43.08	-9.87E-01	-2.48E+00		
	-12.00	-5.51E-06	-1.84E-05	7.65E-06	-1.91E-04	1.55E-05	2.78E-04	8.38E-05	-1.08E-04					
36	469.00	1.97E+00	7.03E-01	1.37E+00	-2.38E-01	-9.51E-01	1.45E+00	2.01E+00	6.60E-01	-10.27	7.03E-01	2.33E-01		
	-30.00	3.14E-05	-1.74E-05	8.28E-06	-1.83E-05	-7.32E-05	1.11E-04	3.30E-05	-1.91E-05					
37	476.33	-1.69E+00	-2.37E+00	-1.33E+00	-1.71E+00	2.16E-01	2.98E+00	-2.93E-01	-3.77E+00	-39.34	-2.39E+00	-1.70E+00		

	-12.00	-5.76E-06	-3.20E-05	8.15E-06	-1.31E-04	1.66E-05	2.29E-04	4.80E-05	-8.58E-05					
38	558.50	7.22E-02	-6.54E-02	3.48E-02	-1.45E+00	-4.88E-02	1.62E+00	1.46E+00	-1.45E+00	-43.64	7.22E-02	-1.45E+00		
	-303.00	2.74E-06	-3.51E-06	1.04E-05	-1.32E-04	-4.44E-06	1.47E-04	6.57E-05	-6.65E-05					
39	558.50	-3.95E-02	-2.90E-01	-4.92E-02	-1.45E+00	-9.71E-02	1.57E+00	1.29E+00	-1.62E+00	-42.53	-3.95E-02	-1.45E+00		
	-213.00	3.12E-06	-8.25E-06	2.69E-06	-1.32E-04	-8.83E-06	1.43E-04	6.36E-05	-6.87E-05					
40	506.17	3.47E-02	-7.04E-01	4.79E-02	-3.26E+00	-2.13E-01	3.33E+00	2.94E+00	-3.61E+00	-41.76	3.47E-02	-3.26E+00		
	-128.00	4.05E-06	-1.27E-05	4.35E-06	-1.48E-04	-9.66E-06	1.51E-04	7.01E-05	-7.88E-05					
41	558.50	1.07E+00	-4.44E-01	3.36E-01	-1.41E+00	-8.00E-01	2.00E+00	1.91E+00	-1.29E+00	-30.90	-4.44E-01	1.41E+00		
	-148.00	1.92E-05	-1.51E-05	2.60E-06	-6.40E-05	-3.64E-05	9.10E-05	3.94E-05	-3.43E-05					
42	610.83	-1.62E-01	-7.50E-01	-1.37E-01	-2.80E+00	-5.71E-01	2.60E+00	2.36E+00	-3.27E+00	-42.01	-3.23E+00	4.51E-01		
	-128.00	1.81E-06	-1.15E-05	2.38E-06	-1.27E-04	-2.60E-05	1.18E-04	5.91E-05	-6.88E-05					
43	501.38	3.18E-01	3.12E+02	3.59E-01	-7.46E-01	-2.77E-01	9.58E-01	9.34E-01	-5.85E-01	-39.56	3.18E-01	-7.46E-01		
	-78.00	4.44E-06	-6.59E-06	6.04E-06	-5.74E-05	-2.13E-05	7.37E-05	2.81E-05	-3.03E-05					
44	534.67	-4.77E-01	-6.12E-01	-2.83E-01	-2.37E+00	-1.68E-01	2.92E+00	1.82E+00	-2.91E+00	-44.18	-2.89E+00	3.44E-01		
	-68.00	-3.27E-06	-8.46E-06	4.19E-06	-1.82E-04	-1.29E-05	2.25E-04	8.52E-05	-9.69E-05					
45	584.67	4.26E-01	1.05E-01	3.52E-01	-2.23E+00	-5.80E-01	2.09E+00	2.50E+00	-1.97E+00	-42.96	4.26E-01	-2.23E+00		
	-68.00	6.67E-06	-5.66E-06	3.83E-06	-1.71E-04	-4.45E-05	1.61E-04	8.64E-05	-8.54E-05					
46	610.83	2.30E+00	4.65E-01	1.14E+00	-1.20E+00	-1.10E+00	1.67E+00	2.89E+00	-1.25E-01	-26.24	4.65E-01	1.20E+00		
	-88.00	4.54E-05	-2.50E-05	8.69E-07	-9.20E-05	-8.47E-05	1.28E-04	6.83E-05	-4.77E-05					
47	482.63	8.53E-02	-1.64E-01	3.21E-01	-5.48E-01	-2.86E-01	1.09E+00	5.23E-01	-6.01E-01	-38.61	8.53E-02	-5.48E-01		
	-21.00	6.18E-07	-8.95E-06	9.66E-06	-4.22E-05	-2.20E-05	8.39E-05	1.75E-05	-2.58E-05					
48	485.83	-9.24E-01	-1.41E+00	-6.61E-01	-1.59E+00	-4.09E-02	3.32E+00	4.62E-01	-2.78E+00	-40.65	-1.13E+00	-1.61E+00		
	-12.00	-2.62E-06	-2.13E-05	7.50E-06	-1.22E-04	-3.15E-06	2.55E-04	4.99E-05	-7.39E-05					
49	507.88	4.09E-02	2.16E-02	3.42E-01	-5.96E-01	-1.70E-01	1.19E+00	6.27E-01	-5.65E-01	-44.54	4.09E-02	-5.96E-01		
	-21.00	-2.87E-06	-3.61E-06	8.70E-06	-4.58E-05	-1.31E-05	9.16E-05	1.97E-05	-2.62E-05					
50	529.67	-4.38E-01	-3.76E-01	-1.38E-01	-2.11E+00	-7.67E-01	2.55E+00	1.70E+00	-2.52E+00	-45.42	-2.51E+00	2.35E-01		
	-10.00	-6.39E-06	-4.01E-06	5.17E-06	-1.62E-04	-5.90E-05	1.96E-04	7.60E-05	-8.64E-05					
51	484.67	6.76E+00	4.68E+00	4.99E+00	1.53E-01	-5.00E-01	3.57E-01	6.77E+00	4.67E+00	4.20	4.68E+00	-1.53E-01		
	8.00	7.94E-05	-6.54E-07	1.16E-05	1.18E-05	-3.84E-05	2.75E-05	7.98E-05	-1.09E-06					
52	507.00	-1.61E+00	-1.99E+00	-1.10E+00	-1.09E+00	-3.51E-01	-9.60E-01	-6.87E-01	-2.90E+00	-40.29	-2.66E+00	-6.96E-01		
	0.00	-1.06E-05	-2.45E-05	9.32E-06	-8.40E-05	-2.70E-05	-7.38E-05	2.51E-05	-6.01E-05					
53	603.00	-1.39E-02	3.42E-03	5.61E-02	-8.76E-01	-3.84E-01	8.43E-01	8.71E-01	-8.82E-01	-45.28	5.35E-01	-6.91E-01		
	-18.00	-1.03E-06	-3.69E-07	1.65E-06	-6.74E-05	-2.95E-05	6.49E-05	3.30E-05	-3.44E-05					
54	712.00	1.03E-01	-1.52E-01	-1.34E-02	-1.36E+00	-1.19E-01	1.36E+00	1.34E+00	-1.39E+00	-42.34	1.03E-01	-1.36E+00		
	-303.00	5.48E-06	-6.08E-06	2.02E-07	-1.24E-04	-1.08E-05	1.84E-04	6.19E-05	-6.25E-05					
55	712.00	7.55E-01	3.69E-01	4.37E-01	-1.50E+00	-3.78E-01	1.33E+00	2.07E+00	-9.47E-01	-41.31	7.55E-01	-1.50E+00		
	-213.00	1.41E-05	-3.53E-06	-4.17E-07	-1.36E-04	-3.44E-05	1.21E-04	7.38E-05	-6.33E-05					
56	712.00	1.01E+00	4.73E-01	3.57E-01	-1.13E+00	-8.76E-01	1.04E+00	1.90E+00	-4.15E-01	-38.26	1.01E+00	-1.13E+00		
	-138.00	1.34E-05	1.09E-06	-1.56E-06	-5.12E-05	-3.98E-05	4.71E-05	3.35E-05	-1.91E-05					
57	712.00	2.89E-01	-1.03E-02	4.42E-02	-7.16E-01	-3.58E-01	8.04E-01	8.71E-01	-5.92E-01	-39.10	2.89E-01	-7.16E-01		
	-78.00	7.57E-06	-3.94E-06	-1.85E-06	-5.51E-05	-2.75E-05	6.19E-05	2.99E-05	-2.63E-05					
58	712.00	3.59E-01	2.06E-01	1.48E-01	-9.68E-01	-3.16E-01	9.62E-01	1.25E+00	-6.88E-01	-42.73	3.59E-01	-9.68E-01		
	-18.00	5.99E-06	8.62E-08	-2.15E-06	-7.45E-05	-2.43E-05	7.40E-05	4.04E-05	-3.43E-05					
59	837.00	3.86E+00	2.12E+00	2.39E+00	-1.14E+00	-6.98E-01	1.16E+00	4.43E+00	1.56E+00	-26.37	2.12E+00	1.14E+00		
	-318.00	6.67E-05	-1.23E-05	.00E+00	-1.04E-04	-6.34E-05	1.06E-04	9.24E-05	-3.80E-05					
60	887.00	5.20E-01	-2.35E-03	2.07E-01	-3.05E+00	-2.69E-01	2.59E+00	3.32E+00	-2.81E+00	-42.56	-2.56E+00	1.21E+00		
	-288.00	1.42E-05	-9.52E-06	.00E+00	-2.78E-04	-2.44E-05	2.36E-04	1.42E-04	-1.37E-04					
61	987.00	-7.05E-01	-5.00E-01	-4.82E-01	-3.10E+00	1.47E-01	2.39E+00	2.50E+00	-3.71E+00	-45.95	-7.05E-01	-3.10E+00		
	-288.00	-1.01E-05	-8.06E-07	.00E+00	-2.82E-04	1.34E-05	2.17E-04	1.36E-04	-1.47E-04					
62	1037.00	3.82E+00	2.29E+00	2.44E+00	-2.27E+00	-5.76E-01	1.92E+00	5.45E+00	6.55E-01	-35.68	2.29E+00	2.27E+00		
	-318.00	6.26E-05	-7.08E-06	.00E+00	-2.06E-04	-5.24E-05	1.75E-04	1.37E-04	-8.12E-05					
63	862.00	8.42E-02	2.30E-02	-4.30E-02	-1.55E+00	-8.37E-02	1.34E+00	1.60E+00	-1.50E+00	-44.43	8.42E-02	-1.55E+00		
	-213.00	2.99E-06	2.13E-07	-2.79E-06	-1.41E-04	-7.61E-06	1.22E-04	7.20E-05	-6.86E-05					
64	1012.00	-2.01E-01	-1.47E-01	-2.32E-01	-1.67E+00	3.80E-02	1.35E+00	1.49E+00	-1.84E+00	-45.46	-2.01E-01	-1.67E+00		
	-213.00	-1.60E-06	8.50E-07	-3.01E-06	-1.51E-04	3.46E-06	1.23E-04	7.53E-05	-7.61E-05					
65	837.00	-1.19E-02	8.97E-02	-2.44E-01	-1.18E+00	-2.16E-01	1.40E+00	1.22E+00	-1.14E+00	-46.23	8.97E-02	1.18E+00		
	-148.00	6.01E-07	2.91E-06	-4.67E-06	-5.38E-05	-9.82E-06	6.36E-05	2.87E-05	-2.52E-05					
66	937.00	2.02E-01	3.65E-02	-1.67E-01	-2.07E+00	-1.67E-01	1.65E+00	2.19E+00	-1.95E+00	-43.85	-1.37E+00	1.44E+00		
	-128.00	4.22E-06	4.14E-07	-4.17E-06	-9.39E-05	-7.59E-06	7.49E-05	4.93E-05	-4.47E-05					
67	1037.00	1.93E+00	3.78E-01	4.30E-01	-1.99E+00	-6.84E-01	1.86E+00	3.29E+00	-9.81E-01	-34.36	3.78E-01	1.99E+00		
	-148.00	2.94E-05	-5.75E-06	-4.57E-06	-9.04E-05	-3.11E-05	8.45E-05	6.03E-05	-3.66E-05					
68	837.0[illegible]	[illegible].1[illegible]E-01	5.23E-01	3.16E-01	-2.25E+00	-3.49E-01	[illegible]7E+00	2.82E+00	-1.66E+00	-44.41	6.16E-01	-2.25[illegible]		
	-68.[illegible]	[illegible].69E-06	4.14E-06	-3.94E-06	-1.73E-04	-2.69E-05	[illegible]E-04	9.24E-05	-8.06E-05					
69	937.[illegible]	[illegible]7.66E-01	-1.12E-01	4.90E-02	-1.21E+00	-3.74E-01	[illegible]8E+00	1.62E+00	-9.63E-01	-35.05	-1.12E-01	1.2[illegible]		

	-88.00	[illegible]17E-05	-1.20E-05	-5.84E-06	-9.33E-05	-2.87E-05	[illegible]-05	5.44E-05	-4.47E-05				
70	1037.00	[illegible]19E-02	-2.96E-01	-2.98E-01	-2.06E+00	7.79E-02	[illegible]+00	1.94E+00	-2.20E+00	-42.73	-1.67E+00	1.33E+[illegible]	
	-68.00	7.40E-06	-5.21E-06	-5.28E-06	-1.59E-04	5.99E-06	1.69E-04	8.07E-05	-7.85E-05				
71	862.00	5.03E-01	2.03E-01	1.22E-01	-9.52E-01	-3.13E-01	5.23E-01	1.35E+00	-5.65E-01	-41.70	5.03E-01	-9.52E-01	
	-18.00	9.38E-06	9.14E-07	-5.30E-06	-7.32E-05	-2.41E-05	7.10E-05	4.20E-05	-3.17E-05				
72	1012.00	-1.35E-01	-2.35E-01	-3.47E-01	-1.04E+00	3.99E-02	8.42E-01	8.54E-01	-1.23E+00	-43.59	-1.35E-01	-1.04E+00	
	-18.00	2.94E-06	-1.01E-06	-6.00E-06	-7.99E-05	3.07E-06	6.48E-05	4.10E-05	-3.90E-05				
73	1387.00	-2.06E-01	-2.19E-01	-2.03E-01	-1.23E+00	-1.81E-03	8.69E-01	1.02E+00	-1.45E+00	-44.86	-2.06E-01	-1.23E+00	
	-303.00	-1.22E-06	-1.77E-06	-1.09E-06	-1.12E-04	-1.65E-07	7.50E-05	5.46E-05	-5.76E-05				
74	1387.00	-1.91E-02	3.39E-02	-1.02E-01	-1.31E+00	-2.71E-02	8.60E-01	1.31E+00	-1.36E+00	-45.58	-1.91E-02	-1.31E+00	
	-213.00	2.60E-07	2.67E-06	-3.49E-06	-1.19E-04	-2.46E-06	7.62E-05	6.08E-05	-5.79E-05				
75	1387.00	2.55E-02	-8.12E-02	-3.13E-01	-9.62E-01	-9.33E-02	5.84E-01	9.36E-01	-9.91E-01	-43.41	2.55E-02	-9.62E-01	
	-138.00	2.51E-06	5.67E-08	-5.17E-06	-4.37E-05	-4.24E-06	2.65E-05	2.32E-05	-2.06E-05				
76	1187.00	3.65E-01	2.63E-01	8.32E-02	-1.47E+00	-2.55E-01	6.47E-01	1.79E+00	-1.16E+00	-44.01	3.65E-01	-1.47E+00	
	-68.00	6.22E-06	2.30E-06	-4.61E-06	-1.13E-04	-1.97E-05	4.98E-05	6.10E-05	-5.24E-05				
77	1387.00	4.26E-01	3.12E-01	3.56E-02	-7.42E-01	-1.91E-01	5.85E-01	1.11E+00	-3.75E-01	-42.82	3.12E-01	7.42E-01	
	-88.00	7.87E-06	3.52E-06	-7.13E-06	-5.71E-05	-1.47E-05	4.50E-05	3.43E-05	-2.29E-05				
78	1587.00	1.16E-01	7.12E-02	-1.52E-01	-9.38E-01	1.51E-03	3.76E-01	1.03E+00	-8.44E-01	-44.31	-2.88E-01	8.57E-01	
	-68.00	4.09E-06	2.34E-06	-6.23E-06	-7.21E-05	1.17E-07	2.89E-05	3.93E-05	-3.29E-05				
79	1237.00	5.70E-01	2.17E-01	7.01E-02	-8.04E-01	-2.70E-01	5.10E-01	1.22E+00	-4.29E-01	-38.80	5.70E-01	-8.04E-01	
	-18.00	1.25E-05	-1.08E-06	-6.72E-06	-6.18E-05	-2.08E-05	3.92E-05	3.74E-05	-2.59E-05				
80	1433.80	3.45E-01	1.02E-01	-8.38E-02	-9.45E-01	-1.27E-01	3.85E-01	1.18E+00	-7.30E-01	-41.33	3.45E-01	-9.45E-01	
	-8.00	9.29E-06	-7.94E-08	-7.21E-06	-7.27E-05	-9.74E-06	2.96E-05	4.13E-05	-3.21E-05				
81	1533.80	5.69E-01	1.26E-01	1.81E-02	-5.49E-01	-1.03E-01	2.43E-01	9.39E-01	-2.44E-01	-34.04	1.26E-01	5.49E-01	
	-28.00	1.40E-05	-2.57E-06	-7.14E-06	-4.22E-05	-7.90E-06	1.87E-05	2.83E-05	-1.72E-05				
82	1633.80	6.01E-01	2.01E-01	7.68E-02	-2.02E-01	-5.77E-03	5.37E-02	6.85E-01	1.17E-01	-22.66	1.17E-01	2.04E-02	
	-8.00	1.35E-05	-1.92E-06	-6.70E-06	-1.56E-05	-4.44E-07	4.13E-06	1.67E-05	-5.17E-06				
83	1433.80	2.35E+00	1.01E+00	1.04E+00	-6.16E-01	-6.48E-01	2.85E-01	2.59E+00	7.70E-01	-21.30	1.01E+00	6.16E-01	
	27.60	4.20E-05	-9.52E-06	-8.28E-06	-4.74E-05	-4.99E-05	2.19E-05	5.12E-05	-1.87E-05				
84	1296.10	8.35E-01	1.06E-01	8.54E-02	-6.66E-01	-3.11E-01	3.53E-01	1.23E+00	-2.87E-01	-30.61	5.14E-01	7.56E-01	
	40.70	2.08E-05	-7.21E-06	-8.00E-06	-5.11E-05	-2.40E-05	2.72E-05	3.60E-05	-2.23E-05				
85	1148.60	3.81E-01	-1.67E-01	-1.43E-01	-8.92E-01	-3.50E-01	2.39E-01	1.04E+00	-8.26E-01	-36.46	-6.78E-01	-5.04E-01	
	57.33	1.39E-05	-7.21E-06	-6.27E-06	-6.86E-05	-2.69E-05	1.84E-05	3.92E-05	-3.25E-05				
86	1131.40	2.96E+00	1.46E+00	1.39E+00	-3.18E-01	-1.17E+00	4.46E-02	3.03E+00	1.39E+00	-11.45	1.46E+00	3.18E-01	
	112.00	5.01E-05	-7.77E-06	-1.03E-05	-2.44E-05	-9.03E-05	3.43E-06	5.25E-05	-1.02E-05				
87	1019.80	8.48E-01	3.05E-01	2.04E-01	-9.33E-01	-4.41E-01	1.38E+00	1.55E+00	-3.95E-01	-36.88	3.05E-01	9.33E-01	
	34.67	1.77E-05	-3.19E-06	-7.06E-06	-7.18E-05	-3.39E-05	1.06E-04	4.46E-05	-3.01E-05				
88	886.60	4.29E-01	1.39E-01	2.56E-02	-7.60E-01	-2.16E-01	8.38E-01	1.06E+00	-4.90E-01	-39.60	4.29E-01	-7.60E-01	
	46.00	9.97E-06	-1.18E-06	-5.53E-06	-5.85E-05	-1.66E-05	6.44E-05	3.42E-05	-2.54E-05				
89	869.80	1.97E+00	8.70E-01	8.78E-01	-4.07E-01	-6.53E-01	3.18E-01	2.10E+00	7.35E-01	-18.27	8.70E-01	4.07E-01	
	96.00	3.49E-05	-7.38E-06	-7.06E-06	-3.13E-05	-5.03E-05	2.45E-05	4.00E-05	-1.25E-05				
90	952.60	3.37E-01	-9.46E-01	-4.78E-01	-1.15E+00	-3.50E-01	8.33E-01	1.01E+00	-1.62E+00	-30.41	-1.33E+00	8.28E-01	
	128.00	2.49E-05	-2.44E-05	-6.45E-06	-8.84E-05	-2.69E-05	6.40E-05	5.09E-05	-5.04E-05				
91	869.80	5.66E-01	6.69E-02	5.48E-02	-5.19E-01	-3.57E-01	1.99E-01	8.93E-01	-2.60E-01	-32.16	5.66E-01	-5.19E-01	
	160.00	1.42E-05	-4.99E-06	-5.45E-06	-3.99E-05	-2.74E-05	1.53E-05	2.66E-05	-1.75E-05				
92	869.80	2.72E+00	9.14E-01	1.11E+00	-2.68E-01	-1.26E+00	3.19E-01	2.76E+00	8.75E-01	-8.24	9.14E-01	2.68E-01	
	203.60	5.25E-05	-1.70E-05	-9.50E-06	-2.06E-05	-9.70E-05	2.46E-05	5.40E-05	-1.85E-05				
93	598.67	-1.04E-01	1.12E-03	-4.78E-02	-1.52E+00	-8.56E-01	1.75E+00	1.47E+00	-1.57E+00	-45.99	1.12E-03	1.52E+00	
	16.00	-2.34E-06	1.70E-06	-1.83E-07	-1.17E-04	-6.58E-05	1.34E-04	5.80E-05	-5.86E-05				
94	645.75	2.75E-01	1.45E-01	1.43E-01	-9.70E-01	-3.55E-01	8.50E-01	1.18E+00	-7.62E-01	-43.08	2.75E-01	-9.70E-01	
	24.00	4.40E-06	-6.14E-07	-6.89E-07	-7.46E-05	-2.74E-05	6.54E-05	3.93E-05	-3.55E-05				
95	613.10	3.63E-01	5.35E-01	3.93E-01	-1.66E+00	-3.35E-01	2.77E-01	2.11E+00	-1.21E+00	-46.49	3.63E-01	-1.66E+00	
	69.33	-2.35E-07	6.38E-06	9.44E-07	-1.27E-04	-2.58E-05	2.13E-05	6.69E-05	-6.08E-05				
96	708.45	5.20E-01	1.13E-01	1.35E-01	-7.76E-01	-3.63E-01	6.74E-01	1.12E+00	-4.85E-01	-37.64	5.98E-01	7.51E-01	
	55.00	1.16E-05	-4.10E-06	-3.25E-06	-5.97E-05	-2.79E-05	5.18E-05	3.46E-05	-2.71E-05				
97	613.10	1.48E+00	6.73E-01	7.22E-01	-5.24E-01	-1.10E+00	4.06E-01	1.73E+00	4.14E-01	-26.28	6.73E-01	5.24E-01	
	96.00	2.52E-05	-5.65E-06	-3.77E-06	-4.03E-05	-8.43E-05	3.12E-05	3.51E-05	-1.56E-05				
98	682.27	5.34E-01	1.47E-01	1.49E-01	-1.07E+00	-3.38E-01	7.29E-01	1.43E+00	-7.51E-01	-39.89	-6.15E-01	5.26E-01	
	112.00	1.14E-05	-3.47E-06	-3.38E-06	-8.26E-05	-2.60E-05	5.61E-05	4.59E-05	-3.80E-05				
99	751.43	1.73E+00	-4.02E-01	3.34E-01	-1.19E+00	-8.97E-01	1.56E+00	2.26E+00	-9.32E-01	-24.06	-4.02E-01	1.19E+00	
	96.00	4.82E-05	-3.37E-05	-5.39E-06	-9.14E-05	-6.90E-05	1.20E-04	6.86E-05	-5.41E-05				
100	683.25	4.70E-01	1.02E-01	7.79E-02	-3.95E-01	-2.58E-01	5.28E-01	7.22E-01	-1.50E-01	-32.52	4.70E-01	-3.95E-01	
	152.00	1.09E-05	-3.22E-06	-4.14E-06	-3.04E-05	-1.59E-05	4.06E-05	2.06E-05	-1.29E-05				
101	668.67	2.41E+00	1.15E+00	1.22E+00	-2.49E-01	-7.28E-01	3.46E-01	2.46E+00	1.10E+00	-10.79	1.15E+00	2.49E-01	

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	192.00	4.01E-05	-8.26E-06	-5.59E-06	-1.91E-05	-5.60E-05	2.66E-05	4.19E-05	-1.01E-05				
102	725.25	3.70E-01	-2.04E-01	-1.15E-01	-4.27E-01	-1.92E-01	3.75E-01	5.57E-01	-4.32E-01	-27.99	6.33E-02	5.14E-01	
	232.70	1.37E-05	-3.46E-06	-4.96E-06	-3.29E-05	-1.47E-05	2.88E-05	2.24E-05	-1.72E-05				
103	635.50	3.69E-01	3.31E-01	1.46E-01	-1.24E-02	-1.47E-01	-6.99E-02	3.86E-01	3.45E-01	-71.05	3.49E-01	-1.24E-02	
	256.00	3.81E-06	5.03E-06	-4.02E-06	-9.53E-07	-1.13E-05	-5.38E-06	5.20E-06	3.64E-06				
104	635.50	8.76E-01	5.93E-01	3.54E-01	2.59E-02	-5.05E-01	2.63E-02	8.78E-01	5.90E-01	5.19	5.93E-01	-2.59E-02	
	290.67	1.37E-05	2.76E-06	-6.40E-06	1.99E-06	-3.92E-05	2.03E-06	1.37E-05	2.67E-06				
105	569.00	-2.06E-01	-1.47E-02	1.79E-02	-1.60E+00	-5.07E-01	1.49E+00	1.49E+00	-1.71E+00	-46.71	-2.06E-01	-1.60E+00	
	16.50	-5.69E-06	1.66E-06	2.92E-06	-1.23E-04	-3.90E-05	1.14E-04	5.95E-05	-6.36E-05				
106	508.50	-2.98E+00	-1.99E+00	-1.83E+00	-1.11E+00	-1.17E+00	4.51E-01	-1.27E+00	-3.65E+00	-57.06	-1.99E+00	1.11E+00	
	13.00	-3.99E-05	-1.82E-06	4.38E-06	-8.50E-05	-9.01E-05	3.47E-05	2.57E-05	-6.74E-05				
107	521.00	-8.29E-01	-4.25E-01	-2.49E-01	-1.54E+00	-4.22E-01	8.29E-01	9.30E-01	-2.18E+00	-48.73	-8.29E-01	-1.54E+00	
	15.75	-1.54E-05	1.84E-07	6.92E-06	-1.19E-04	-3.24E-05	6.38E-05	5.22E-05	-6.75E-05				
108	526.25	-7.09E-01	-3.53E-01	-2.12E-01	-1.71E+00	-3.56E-01	6.59E-01	1.18E+00	-2.25E+00	-47.98	-7.09E-01	-1.71E+00	
	21.00	-1.33E-05	4.29E-07	5.85E-06	-1.31E-04	-2.74E-05	6.61E-05	5.95E-05	-7.24E-05				
109	515.50	-1.84E+00	-1.23E+00	-1.14E+00	-2.08E+00	-8.09E-01	4.57E-01	5.71E-01	-3.64E+00	-49.13	-1.23E+00	2.08E+00	
	26.00	-2.43E-05	-1.11E-06	2.31E-06	-1.60E-04	-6.22E-05	3.51E-05	6.82E-05	-9.37E-05				
110	531.50	-2.53E-01	-1.87E-01	-4.40E-02	-1.39E+00	-2.49E-01	7.34E-01	1.17E+00	-1.61E+00	-45.68	-2.53E-01	-1.39E+00	
	34.50	-4.41E-06	-1.88E-06	3.63E-06	-1.07E-04	-1.92E-05	5.65E-05	5.05E-05	-5.67E-05				
111	515.50	1.06E+00	1.62E+00	1.26E+00	-4.05E+00	-1.93E-01	6.16E-02	5.40E+00	-2.72E+00	-46.97	1.06E+00	-4.05E+00	
	44.00	-2.46E-06	1.90E-05	5.08E-06	-3.12E-04	-1.48E-05	4.74E-06	1.64E-04	-1.46E-04				
112	515.50	4.96E-01	2.85E-01	3.53E-01	-9.40E-01	-4.48E-01	3.69E-01	1.34E+00	-5.55E-01	-41.81	2.85E-01	9.40E-01	
	53.33	6.60E-06	-1.49E-06	1.12E-06	-7.23E-05	-3.45E-05	2.83E-05	3.89E-05	-3.38E-05				
113	547.50	5.84E-01	-2.73E-01	1.63E-01	-1.50E+00	-2.84E-01	1.42E+00	1.72E+00	-1.41E+00	-37.04	-7.38E-01	1.28E+00	
	64.00	1.73E-05	-1.57E-05	1.06E-06	-1.16E-04	-2.19E-05	1.09E-04	6.09E-05	-5.93E-05				
114	515.50	1.27E+00	1.43E+00	1.14E+00	-1.69E+00	-1.13E-01	4.35E-01	3.04E+00	-3.38E-01	-46.37	1.27E+00	-1.69E+00	
	74.67	6.65E-06	1.29E-05	1.56E-06	-1.30E-04	-8.73E-06	3.35E-05	7.47E-05	-5.52E-05				
115	515.50	2.50E+00	1.62E+00	1.70E+00	-6.10E-01	-3.59E-01	3.46E-01	2.89E+00	1.33E+00	-25.64	1.62E+00	6.10E-01	
	88.00	3.49E-05	-2.75E-06	4.17E-07	-4.69E-05	-2.77E-05	2.66E-05	4.61E-05	-1.40E-05				
116	547.50	1.47E+00	8.91E-02	6.37E-01	-1.88E+00	-2.57E-01	1.13E+00	2.78E+00	-1.23E+00	-34.95	-7.16E-01	1.34E+00	
	104.00	3.23E-05	-2.07E-05	3.93E-07	-1.45E-04	-1.98E-05	8.68E-05	8.30E-05	-7.13E-05				
117	515.50	4.96E-01	4.66E-01	3.41E-01	-1.34E+00	-2.91E-02	6.45E-01	1.83E+00	-8.64E-01	-44.68	4.96E-01	-1.34E+00	
	120.00	4.75E-06	3.60E-06	-1.19E-06	-1.03E-04	-2.24E-06	4.96E-05	5.59E-05	-4.75E-05				
118	515.50	1.84E+00	1.11E+00	1.11E+00	-5.20E-01	-1.68E-01	2.92E-01	2.11E+00	8.36E-01	-27.50	1.11E+00	5.20E-01	
	136.00	2.61E-05	-1.89E-06	-1.97E-06	-4.00E-05	-1.29E-05	2.25E-05	3.65E-05	-1.23E-05				
119	547.50	1.26E+00	3.24E-01	5.67E-01	-1.26E+00	-1.32E-01	6.49E-01	2.14E+00	-5.53E-01	-34.79	-2.15E-01	8.93E-01	
	152.00	2.49E-05	-1.12E-05	-1.85E-06	-9.71E-05	-1.02E-05	4.99E-05	5.87E-05	-4.50E-05				
120	515.50	5.96E-01	4.53E-01	2.90E-01	-8.95E-01	-7.73E-03	4.14E-01	1.42E+00	-3.73E-01	-42.71	5.96E-01	-8.95E-01	
	168.00	8.22E-06	2.71E-06	-3.57E-06	-6.88E-05	-5.94E-07	3.18E-05	4.00E-05	-2.91E-05				
121	515.50	2.37E+00	1.45E+00	1.39E+00	-4.09E-01	-1.54E-01	2.19E-01	2.53E+00	1.25E+00	-20.76	1.45E+00	4.09E-01	
	184.00	3.40E-05	-1.62E-06	-3.74E-06	-3.15E-05	-1.19E-05	1.68E-05	3.99E-05	-7.58E-06				
122	547.50	7.82E-01	-4.43E-01	7.53E-03	-1.40E+00	-9.59E-02	8.91E-01	1.70E+00	-1.36E+00	-33.19	-1.03E+00	9.47E-01	
	200.00	2.63E-05	-2.08E-05	-3.53E-06	-1.08E-04	-7.37E-06	6.85E-05	6.15E-05	-5.61E-05				
123	515.50	-3.45E-01	-6.13E-01	-5.89E-01	-6.45E-01	1.15E-01	5.42E-01	1.80E-01	-1.14E+00	-39.13	-3.45E-01	-6.45E-01	
	216.00	3.73E-06	-6.58E-06	-5.65E-06	-4.96E-05	8.83E-06	4.17E-05	2.39E-05	-2.68E-05				
124	515.50	7.30E-01	3.87E-01	2.56E-01	-1.69E-01	1.69E-01	1.45E-01	7.99E-01	3.17E-01	-22.33	3.87E-01	1.69E-01	
	232.00	1.29E-05	-3.12E-07	-4.96E-06	-1.30E-05	1.30E-05	1.11E-05	1.55E-05	-2.95E-06				
125	547.50	3.99E-01	1.77E-01	5.64E-02	-3.32E-01	9.38E-02	4.02E-01	6.32E-01	-6.56E-02	-36.17	3.34E-02	2.43E-01	
	248.00	8.11E-06	-2.15E-08	-4.67E-06	-2.56E-05	7.22E-06	3.09E-05	1.75E-05	-9.36E-06				
126	515.50	-5.91E-01	-8.97E-01	-8.24E-01	6.43E-02	1.96E-01	5.61E-01	-5.78E-01	-9.10E-01	11.39	-5.91E-01	6.43E-02	
	264.00	2.68E-06	-5.10E-06	-6.28E-06	4.95E-06	1.51E-05	4.32E-05	3.18E-06	-9.60E-06				
127	515.50	3.85E-01	2.05E-01	8.58E-02	-6.86E-02	3.95E-01	8.12E-02	4.09E-01	1.82E-01	-18.62	2.05E-01	6.86E-02	
	276.00	7.39E-06	4.55E-07	-4.13E-06	-5.27E-06	3.04E-05	6.25E-06	8.28E-06	-4.34E-07				
128	531.50	-2.42E-01	-1.63E-01	-3.48E-01	-3.89E-02	1.75E-01	4.74E-02	-1.47E-01	-2.56E-01	-67.79	-2.42E-01	-3.89E-02	
	297.00	-1.05E-06	2.01E-06	-5.10E-06	-3.00E-06	1.35E-05	3.65E-06	2.62E-06	-1.66E-06				
129	515.50	-1.18E+00	-1.07E+00	-1.11E+00	2.13E-01	1.90E-01	3.80E-01	-9.05E-01	-1.35E+00	52.53	-1.18E+00	2.13E-01	
	320.00	-8.58E-06	-4.16E-06	-5.74E-06	1.64E-05	1.46E-05	2.92E-05	2.13E-06	-1.45E-05				
183	565.50	-3.80E-02	-1.40E-02	1.59E-01	-2.39E+00	-6.64E-01	1.89E+00	2.36E+00	-2.41E+00	-45.14	-3.80E-02	-2.39E+00	
	-8.00	-2.63E-06	-1.71E-06	4.93E-06	-1.84E-04	-5.11E-05	1.46E-04	8.97E-05	-9.40E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 TIME = .4600E+01

	LONG MOM	CIRC MOM	CROSS MOM	LONG [illegible]	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2303E+02	.1448E+03	-.4455E+02	-.2631E+02	-.6315E+02	.4236E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3530E+01	-.1607E+01	-.7839E+00	-.2267E+02	.1686E+02	.2125E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3180E+01	.5334E+00	-.3613E+00	-.3630E+02	.3794E+02	.3857E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4440E+01	-.1007E+01	-.9430E-01	-.5075E+02	.5921E+02	.5639E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4897E+01	.7221E+00	-.9687E-01	-.6540E+02	.8033E+02	.7577E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2746E+00	.4450E+00	-.3093E+00	-.8772E+02	.1017E+03	.9888E+02
25	-.1098E+02	-.1784E+01	-.7855E-01	-.1095E+03	.1121E+03	.1213E+03
26	.6336E+01	.7290E+00	-.2571E-01	-.1185E+03	.1185E+03	.1377E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.5482E+02	.1076E+02	-.1961E+01	-.1212E+03	.1631E+03	.1509E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1009E+04	-.1728E+03	.5407E+01	-.1708E+03	.4335E+03	.2381E+03
40	-.6882E+03	-.1061E+03	-.3028E+01	-.1604E+03	.4281E+03	.2185E+03
41	-.4351E+03	-.5657E+02	-.9692E+01	-.1385E+03	.3882E+03	.1898E+03
42	-.5834E+02	-.5904E+01	-.8502E+01	-.1212E+03	.2763E+03	.1656E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9742E+03	.1257E+03	.5332E+01	-.2450E+02	.4550E+03	-.1202E+03
48	.9422E+03	.1091E+03	.5935E+01	-.5934E+02	.4206E+03	-.8638E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1535E+04	.2341E+03	.7161E+01	.1509E+02	.3102E+03	-.3684E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3954E+01	-.8847E+01	.3614E+00	-.1384E+02	.4482E+03	-.1127E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1052E+04	.1599E+03	.7121E+01	-.4545E+01	.2514E+03	-.3472E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

434

3404

63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.7376E+03	.1127E+03	.9563E+01	-.3172E+01	.2373E+03	-.3375E+03
66	.2504E+03	.3925E+02	.1205E+02	-.4670E+00	.2003E+03	-.3515E+03
67	-.5023E+03	-.7399E+02	.1208E+02	-.1361E+01	.1627E+03	-.3510E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.8952E+03	-.1330E+03	.1020E+02	-.4232E+02	.1317E+03	-.3475E+03
76	.9607E+02	.1535E+02	.7049E+01	-.5586E+02	.8896E+02	-.3510E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3762E+03	-.5599E+02	.5189E+01	-.6440E+02	.3516E+02	-.3393E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1577E+03	.2379E+02	.3753E+01	-.8638E+02	.1734E+01	-.3300E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2204E+03	-.3339E+02	.3341E+01	-.6933E+02	-.4459E+02	-.3056E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1434E+03	.2090E+02	.2797E+01	-.6199E+02	-.7285E+02	-.2794E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1648E+03	-.2571E+02	.2859E+01	-.6150E+02	-.1117E+03	-.2512E+03
109	.9671E+02	.1326E+02	.2480E+01	-.6183E+02	-.1383E+03	-.2175E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1378E+03	-.2225E+02	.2429E+01	-.3815E+02	-.1678E+03	-.1802E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7532E+02	-.1303E+02	.5541E+00	-.2282E+02	-.1826E+03	-.1418E+03
115	-.1782E+02	-.4511E+01	-.7077E-02	-.9302E+01	-.1846E+03	-.1024E+03
116	-.6215E+02	-.1142E+02	-.5141E+00	.2585E+00	-.1954E+03	-.7655E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6236E+02	-.1156E+02	-.1138E+01	-.1130E+02	-.2020E+03	-.6855E+02
119	-.3917E+02	-.7795E+01	-.1668E+01	.1684E+02	-.1850E+03	-.3837E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1160E+03	-.1548E+02	-.7017E+01	.1720E+02	-.1634E+03	-.1953E+02
122	-.9829E+02	-.8028E+01	-.1223E+02	-.5532E+01	-.1585E+03	-.2078E+02
123	-.7516E+02	-.5433E+01	-.1083E+02	-.3902E+01	-.1388E+03	-.1882E+02
124	-.5543E+02	-.3889E+01	-.7465E+01	-.2771E+01	-.1147E+03	-.1723E+02
	-.3706E+02	-.2084E+01	-.5478E+01	-.1[illegible]01	-.9515E+02	-.1572E+02
	-.1272E+02	.1735E+01	-.5112E+01	-.6[illegible]0	-.8057E+02	-.1410E+02

	.5233E+01	.4[illegible]+01	-.5239E+01	.1[illegible]	-.6938E+02	-.1201E+02
	.2405E+02	.7404E+01	-.5075E+01	.212[illegible]	-.4624E+02	-.9649E+01
129	.2490E+02	.6453E+01	-.4344E+01	.3020E+01	-.2736E+02	-.7533E+01
130	.1748E+02	.4026E+01	-.3269E+01	.3203E+01	-.1329E+02	-.6002E+01
131	.4712E+01	.7412E+00	-.2208E+01	.2903E+01	-.5350E+01	-.5003E+01
132	-.5029E+00	-.3334E+00	-.1702E+01	.1438E+01	-.5264E+01	-.4273E+01
133	-.9924E+00	-.2403E+00	-.1547E+01	.1259E+01	-.5653E+01	-.3572E+01
134	-.2502E+00	-.8530E-01	-.1535E+01	.9430E+00	-.4757E+01	-.2805E+01
135	-.1015E-01	-.8850E-02	-.1724E+01	.7377E+00	-.3366E+01	-.2066E+01
136	.4650E-02	-.1087E-01	-.2299E+01	.5207E+00	-.2186E+01	-.1382E+01
137	.3783E-01	.1234E-01	-.3572E+01	.3763E+00	-.9913E+00	-.7568E+00
138	-.1176E-01	-.7354E-01	-.5706E+02	.2697E+00	.2679E+00	-.3841E+00
139	-.5454E-01	-.8841E-01	.1217E+02	.4102E-01	-.1451E+00	.1498E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4700E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.29146E-01	.15397E-03	-.29248E-01	.00000E+00
3	.53148E-01	.56801E-03	-.53142E-01	.00000E+00
4	.57611E-01	.57365E-03	-.57460E-01	.00000E+00
5	.62160E-01	-.91309E-05	-.62184E-01	.00000E+00
6	.70229E-01	-.14598E-05	-.70219E-01	.16262E-04
7	.64507E-01	.12580E-02	-.65382E-01	.00000E+00
8	.70432E-01	.98329E-03	-.70676E-01	.34151E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.28967E-01	.36330E-03	-.29266E-01	.00000E+00
11	.53475E-01	.79172E-03	-.54306E-01	.00000E+00
12	.59562E-01	.94257E-03	-.60559E-01	.00000E+00
13	.64500E-01	.75628E-03	-.65031E-01	.00000E+00
14	.70844E-01	.10631E-02	-.71892E-01	.85794E-05
15	.65322E-01	.19687E-02	-.68393E-01	.00000E+00
16	.71464E-01	.17299E-02	-.73888E-01	-.16584E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.29233E-01	.56449E-03	-.30530E-01	.00000E+00
19	.54481E-01	.11541E-02	-.57152E-01	.00000E+00
20	.60843E-01	.14501E-02	-.64019E-01	.00000E+00
21	.66032E-01	.10575E-02	-.68942E-01	.00000E+00
22	.72311E-01	.13168E-02	-.76673E-01	.44701E-05
23	.67763E-01	.30026E-02	-.74657E-01	.00000E+00
24	.73372E-01	.26907E-02	-.80324E-01	.26516E-04
25	.74113E-01	.33436E-02	-.82670E-01	.12947E-05
26	.74546E-01	.32569E-02	-.84057E-01	-.32903E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.29200E-01	.10342E-02	-.31621E-01	.00000E+00
29	.55619E-01	.22062E-02	-.60035E-01	.00000E+00
30	.62207E-01	.26047E-02	-.69112E-01	.00000E+00
31	.68342E-01	.31355E-02	-.75850E-01	.00000E+00
32	.75001E-01	.37262E-02	-.85591E-01	.72006E-04
33	.68136E-01	.44574E-02	-.75924E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.28949E-01	.15462E-02	-.31695E-01	.00000E+00
36	.55981E-01	.27231E-02	-.60702E-01	.00000E+00
37	.62869E-01	.30693E-02	-.67935E-01	.00000E+00
38	.70136E-01	.39415E-02	-.78710E-01	.00000E+00
39	.75892E-01	.52330E-02	-.88244E-01	-.38457E-04
40	.75738E-01	.53962E-02	-.87629E-01	.59837E-05
41	.75600E-01	.51569E-02	-.87057E-01	.35294E-04
42	.75354E-01	.45639E-02	-.86404E-01	.61937E-04
43	.62049E-01	.38717E-02	-.66653E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.26855E-01	.55979E-04	-.29009E-01	.00000E+00
46	.55602E-01	.24422E-02	-.58361E-01	.00000E+00

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47	.75941E-01	.49136E-02	-.68479E-01	-.38109E-04
48	.75930E-01	.50577E-02	-.28447E-01	-.56425E-04
49	.70044E-01	.40509E-02	-.78058E-01	.00000E+00
50	.76631E-01	.50763E-02	-.89764E-01	-.15892E-03
51	.70536E-01	.43135E-02	-.76403E-01	.00000E+00
52	.79132E-01	.45236E-02	-.83669E-01	.00000E+00
53	.76006E-01	.46540E-02	-.89509E-01	-.10933E-04
54	.61905E-01	.25547E-02	-.62200E-01	.00000E+00
55	.69284E-01	.36423E-02	-.68674E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.23009E-01	.25700E-02	-.21401E-01	.00000E+00
58	.49474E-01	.17391E-02	-.41015E-01	.00000E+00
59	.80141E-01	.35619E-02	-.79394E-01	.00000E+00
60	.79251E-01	.43245E-02	-.81332E-01	.00000E+00
61	.77254E-01	.50195E-02	-.88974E-01	-.26100E-03
62	.59232E-01	.13711E-02	-.49535E-01	.00000E+00
63	.67204E-01	.13974E-02	-.59759E-01	.00000E+00
64	.80761E-01	.44285E-02	-.84794E-01	.00000E+00
65	.78169E-01	.51021E-02	-.89170E-01	-.32477E-03
66	.80363E-01	.51230E-02	-.89564E-01	-.39513E-03
67	.82734E-01	.51385E-02	-.89994E-01	-.37722E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.18050E-01	-.26131E-03	-.12892E-01	.00000E+00
70	.52199E-01	.50527E-03	-.41531E-01	.00000E+00
71	.78207E-01	.14405E-02	-.68656E-01	.00000E+00
72	.82328E-01	.42869E-02	-.85005E-01	.00000E+00
73	.64298E-01	.74250E-03	-.47713E-01	.00000E+00
74	.88004E-01	.44103E-02	-.88675E-01	.00000E+00
75	.84754E-01	.51530E-02	-.90371E-01	-.28781E-03
76	.87492E-01	.52550E-02	-.91094E-01	-.20222E-03
77	.74183E-01	.41473E-03	-.57989E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.21498E-01	.76174E-03	-.17052E-01	.00000E+00
80	.49687E-01	-.35597E-03	-.36767E-01	.00000E+00
81	.54996E-01	-.40010E-03	-.40077E-01	.00000E+00
82	.61680E-01	-.60209E-03	-.48157E-01	.00000E+00
83	.87284E-01	.14135E-02	-.76092E-01	.00000E+00
84	.81820E-01	.17738E-03	-.64969E-01	.00000E+00
85	.90576E-01	.53096E-02	-.91994E-01	-.16201E-03
86	.91218E-01	.45502E-02	-.91148E-01	.00000E+00
87	.74556E-01	-.54072E-04	-.55118E-01	.00000E+00
88	.91203E-01	.35938E-02	-.84580E-01	.00000E+00
89	.92715E-01	.54459E-02	-.92879E-01	-.13068E-03
90	.56899E-01	-.35572E-03	-.29182E-01	.00000E+00
91	.61152E-01	-.68712E-03	-.32384E-01	.00000E+00
92	.65740E-01	.30171E-03	-.34625E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.24500E-01	.00000E+00	-.12280E-01	.00000E+00
95	.45080E-01	.00000E+00	-.21884E-01	.00000E+00
96	.51674E-01	.00000E+00	-.25139E-01	.00000E+00
97	.53951E-01	.00000E+00	-.24754E-01	.00000E+00
98	.52990E-01	.00000E+00	-.24045E-01	.00000E+00
99	.58040E-01	.21379E-03	-.26555E-01	.00000E+00
100	.72323E-01	.48638E-03	-.41642E-01	.00000E+00
101	.87461E-01	.18490E-02	-.65374E-01	.00000E+00
102	.96015E-01	.55981E-02	-.94135E-01	-.11713E-03
103	.91536E-01	.22109E-02	-.78438E-01	.00000E+00
104	.97269E-01	.51929E-02	-.94305E-01	.00000E+00
105	.98317E-01	.57111E-02	-.95212E-01	-.10045E-03
106	.95834E-01	.26321E-02	-.85625E-01	.00000E+00
107	.10101E+00	.54324E-02	-.95806E-01	.00000E+00
108	.10094E+00	.58030E-02	-.96208E-01	[illegible]5903E-04
[illegible]	.10285E+00	.58301E-02	-.97011E-01	[illegible]1473E-04
[illegible]	.10155E+00	.58528E-02	-.90133E-01	[illegible]0000E+00

	.10520E+00	.63145E-02	-.99459E-01	.00000E+00
	.10490E+00	.59656E-02	-.97679E-01	.72852E-04
113	.10476E+00	.52307E-02	-.93421E-01	.00000E+00
114	.10505E+00	.49261E-02	-.98127E-01	-.27010E-04
115	.10640E+00	.59390E-02	-.99440E-01	-.68972E-05
116	.10642E+00	.50428E-02	-.98503E-01	.81851E-05
117	.10584E+00	.66471E-02	-.10024E+00	.00000E+00
118	.10625E+00	.58263E-02	-.98523E-01	.20062E-04
119	.10570E+00	.57392E-02	-.99496E-01	.34459E-04
120	.10574E+00	.62108E-02	-.10004E+00	.00000E+00
121	.10462E+00	.56571E-02	-.98287E-01	.59428E-04
122	.10450E+00	.51598E-02	-.98391E-01	.71942E-04
123	.10431E+00	.47033E-02	-.99465E-01	.81869E-04
124	.10410E+00	.41722E-02	-.98540E-01	.93342E-04
125	.10382E+00	.35639E-02	-.98614E-01	.10708E-03
126	.10326E+00	.23312E-02	-.98737E-01	.12339E-03
127	.10266E+00	.11271E-02	-.98853E-01	.12621E-03
128	.10150E+00	-.14702E-02	-.99091E-01	.10446E-03
129	.10069E+00	-.34058E-02	-.99307E-01	.70332E-04
130	.10030E+00	-.46093E-02	-.99541E-01	.30130E-04
131	.10016E+00	-.48362E-02	-.99899E-01	-.13719E-04
132	.10048E+00	-.39171E-02	-.10022E+00	-.25099E-04
133	.10076E+00	-.29128E-02	-.10050E+00	-.19520E-04
134	.10092E+00	-.22017E-02	-.10073E+00	-.13940E-04
135	.10103E+00	-.16570E-02	-.10091E+00	-.11773E-04
136	.10110E+00	-.11520E-02	-.10105E+00	-.11980E-04
137	.10114E+00	-.64073E-03	-.10113E+00	-.11700E-04
138	.10117E+00	-.99496E-04	-.10117E+00	-.12808E-04
139	.10117E+00	-.12183E-04	-.10117E+00	-.12248E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.59E-02	1.04E-01	9.03E-03	3.56E+00	1.46E-02	-3.60E+00	3.62E+00	-3.49E+00	45.31	2.59E-02	3.56E+00
	-303.00	-6.20E-07	2.91E-06	-1.39E-06	3.24E-04	1.33E-06	-3.27E-04	1.63E-04	-1.61E-04			
2	72.00	5.12E-02	1.42E-01	-5.37E-02	2.98E+00	1.64E-03	-3.06E+00	3.08E+00	-2.88E+00	45.44	5.12E-02	2.98E+00
	-213.00	5.14E-07	4.65E-06	-4.25E-06	2.71E-04	1.49E-07	-2.78E-04	1.38E-04	-1.33E-04			
3	72.00	4.60E-01	1.70E-01	-1.43E-01	1.98E+00	-1.98E-01	-2.16E+00	2.30E+00	-1.67E+00	42.90	4.60E-01	1.98E+00
	-138.00	7.21E-06	1.30E-06	-5.80E-06	9.00E-05	-9.00E-06	-9.81E-05	4.97E-05	-4.05E-05			
4	24.00	2.46E+00	1.41E+00	1.78E+00	3.70E+00	-6.59E-01	-4.07E+00	5.67E+00	-1.80E+00	40.95	2.46E+00	3.70E+00
	-68.00	3.26E-05	-7.85E-06	6.29E-06	2.84E-04	-5.07E-05	-3.13E-04	1.56E-04	-1.31E-04			
5	72.00	-8.63E-01	-4.63E-01	-1.03E+00	1.64E+00	5.59E-02	-1.74E+00	9.94E-01	-2.32E+00	48.47	-4.63E-01	-1.64E+00
	-88.00	-7.25E-06	8.14E-06	-1.38E-05	1.27E-04	4.30E-06	-1.34E-04	6.42E-05	-6.33E-05			
6	120.00	-4.81E-01	-4.99E-01	-6.94E-01	3.12E+00	1.71E-01	-3.09E+00	2.63E+00	-3.61E+00	44.92	2.58E+00	-5.71E-01
	-68.00	-1.00E-07	-7.86E-07	-8.31E-06	2.40E-04	1.32E-05	-2.37E-04	1.20E-04	-1.20E-04			
7	36.25	8.49E-01	3.21E-01	1.83E-01	1.77E+00	-2.30E-01	-1.69E+00	2.38E+00	-1.21E+00	40.76	7.88E-01	1.78E+00
	-10.00	1.78E-05	-2.52E-06	-7.82E-06	1.36E-04	-1.77E-05	-1.30E-04	7.65E-05	-6.13E-05			
8	108.00	-9.58E-02	-1.64E-01	-3.31E-01	1.34E+00	3.14E-03	-1.48E+00	1.21E+00	-1.47E+00	44.27	-9.58E-02	1.34E+00
	-10.00	2.81E-06	1.90E-07	-6.25E-06	1.03E-04	2.41E-07	-1.14E-04	5.29E-05	-4.99E-05			
9	216.00	2.06E-01	3.00E-01	1.46E-01	3.56E+00	-2.80E-02	-3.67E+00	3.82E+00	-3.31E+00	45.37	2.06E-01	3.56E+00
	-303.00	9.22E-07	5.15E-06	-1.85E-06	3.24E-04	-2.54E-06	-3.33E-04	1.65E-04	-1.59E-04			
10	216.00	2.81E-01	3.08E-01	5.38E-02	3.06E+00	-9.21E-02	-3.19E+00	3.36E+00	-2.77E+00	45.13	2.81E-01	3.06E+00
	-213.00	4.42E-06	5.66E-06	-5.90E-06	2.78E-04	-8.37E-06	-2.90E-04	1.44E-04	-1.34E-04			
11	216.00	4.42E-01	2.56E-01	-2.99E-01	2.35E+00	-2.86E-01	-2.52E+00	2.70E+00	-2.00E+00	43.87	4.42E-01	2.35E+00
	-138.00	7.95E-06	3.72E-06	-8.88E-06	1.07E-04	-1.30E-05	-1.14E-04	5.93E-05	-4.76E-05			
12	168.00	1.15E+00	1.13E+00	6.97E-01	3.61E+00	-5.30E-01	-3.71E+00	4.75E+00	-2.47E+00	44.95	1.15E+00	3.61E+00
	-68.00	1.14E-05	1.09E-05	-5.94E-06	2.77E-04	-4.08E-05	-2.85E-04	1.50E-04	-1.28E-04			
13	216.00	-1.13E+00	-4.45E-01	-1.16E+00	1.50E+00	-3.88E-02	-1.51E+00	7.52E-01	-2.33E+00	51.41	-4.45E-01	-1.50E+00
	-88.00	-1.33E-05	1.30E-05	-1.47E-05	1.15E-04	-2.99E-06	-1.15E-04	5.90E-05	-5.94E-05			
14	264.00	-8.81E-02	-4.60E-01	-5.17E-01	3.05E+00	5.73E-02	-3.15E+00	2.79E+00	-3.33E+00	43.26	2.70E+00	-7.34E-01

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	-68.00	9.85E-06	-4.44E-06	-1.23E-05	2.35E-04	4.40E-06	-2.42E-04	1.20E-04	-1.15E-04				
15	180.00	3.01E-01	5.60E-02	-2.15E-01	1.57E+00	-3.56E-01	-1.48E+00	1.75E+00	-1.40E+00	42.77	3.01E-01	1.57E+00	
	-19.00	1.00E-05	5.87E-07	-9.92E-06	1.21E-04	-2.74E-05	-1.14E-04	6.58E-05	-5.52E-05				
16	252.00	1.94E-01	-9.28E-02	-4.17E-01	1.27E+00	-1.36E-01	-1.56E+00	1.34E+00	-1.22E+00	41.90	1.94E-01	1.27E+00	
	-19.00	1.08E-05	1.77E-07	-1.27E-05	9.79E-05	-1.05E-05	-1.20E-04	5.47E-05	-4.37E-05				
17	361.00	2.85E-01	4.90E-01	2.31E-01	3.59E+00	-1.28E-02	-3.81E+00	3.98E+00	-3.20E+00	45.82	2.85E-01	3.59E+00	
	-303.00	-1.12E-07	9.21E-06	-2.57E-06	3.26E-04	-1.16E-06	-3.46E-04	1.68E-04	-1.59E-04				
18	361.00	3.36E-01	4.61E-01	8.86E-02	3.22E+00	-6.74E-02	-3.40E+00	3.62E+00	-2.82E+00	45.56	3.36E-01	3.22E+00	
	-213.00	3.78E-06	9.45E-06	-7.49E-06	2.92E-04	-6.13E-06	-3.09E-04	1.53E-04	-1.40E-04				
19	361.00	4.81E-01	3.59E-01	-3.98E-01	2.54E+00	-2.79E-01	-2.85E+00	2.96E+00	-2.12E+00	44.31	4.81E-01	2.54E+00	
	-138.00	8.57E-06	5.79E-06	-1.12E-05	1.15E-04	-1.27E-05	-1.30E-04	6.49E-05	-5.06E-05				
20	312.00	2.01E+00	1.72E+00	1.12E+00	4.10E+00	-9.00E-01	-4.50E+00	5.97E+00	-2.24E+00	43.98	2.01E+00	4.10E+00	
	-68.00	2.40E-05	1.28E-05	-1.02E-05	3.15E-04	-6.92E-05	-3.46E-04	1.76E-04	-1.39E-04				
21	360.67	-1.93E+00	-1.07E+00	-1.76E+00	1.97E+00	6.68E-02	-2.22E+00	5.58E-01	-3.46E+00	50.51	-1.07E+00	-1.97E+00	
	-88.00	-1.94E-05	1.02E-05	-1.64E-05	1.52E-04	5.14E-06	-1.71E-04	7.27E-05	-8.19E-05				
22	409.33	1.13E+00	1.55E+00	5.47E-01	3.89E+00	-2.20E-02	-4.85E+00	5.23E+00	-2.55E+00	46.58	5.19E+00	-5.93E-01	
	-68.00	7.83E-06	2.43E-05	-1.44E-05	2.99E-04	-1.69E-06	-3.73E-04	1.66E-04	-1.34E-04				
23	324.00	6.41E-01	1.25E-01	-2.86E-01	1.63E+00	-6.34E-01	-1.58E+00	2.04E+00	-1.27E+00	40.51	6.41E-01	1.63E+00	
	-19.00	1.94E-05	-4.54E-07	-1.63E-05	1.26E-04	-4.88E-05	-1.22E-04	7.30E-05	-5.41E-05				
24	372.00	3.89E-01	-2.74E-01	-6.29E-01	4.17E+00	-6.06E-01	-4.44E+00	4.24E+00	-4.13E+00	42.73	3.89E-01	4.17E+00	
	-9.33	2.06E-05	-4.89E-06	-1.95E-05	3.21E-04	-4.66E-05	-3.42E-04	1.69E-04	-1.53E-04				
25	401.25	1.79E-01	-5.55E-02	-6.87E-01	1.38E+00	-2.07E-01	-1.85E+00	1.44E+00	-1.32E+00	42.56	-1.12E+00	7.16E-01	
	-19.00	1.31E-05	4.05E-06	-2.02E-05	1.06E-04	-1.59E-05	-1.42E-04	6.17E-05	-4.46E-05				
26	427.67	2.13E+00	2.09E+00	1.05E+00	4.70E+00	-8.21E-01	-6.30E+00	6.80E+00	-2.59E+00	44.88	4.90E+00	3.77E+00	
	-9.33	2.40E-05	2.25E-05	-1.76E-05	3.61E-04	-6.32E-05	-4.85E-04	2.04E-04	-1.57E-04				
27	457.00	3.41E-01	7.23E-01	3.39E-01	3.61E+00	2.22E-02	-3.89E+00	4.14E+00	-3.08E+00	46.52	3.41E-01	3.61E+00	
	-303.00	-2.73E-06	1.47E-05	-2.83E-06	3.28E-04	2.02E-06	-3.53E-04	1.70E-04	-1.58E-04				
28	457.00	2.95E-01	5.48E-01	9.61E-02	3.38E+00	-2.53E-03	-3.55E+00	3.81E+00	-2.96E+00	46.07	2.95E-01	3.38E+00	
	-213.00	1.20E-06	1.27E-05	-7.82E-06	3.07E-04	-2.30E-07	-3.23E-04	1.61E-04	-1.47E-04				
29	457.00	6.99E-01	4.82E-01	-2.75E-01	2.71E+00	1.25E-01	-2.93E+00	3.30E+00	-2.12E+00	43.85	6.99E-01	2.71E+00	
	-138.00	1.11E-05	6.21E-06	-1.10E-05	1.23E-04	5.67E-06	-1.33E-04	7.02E-05	-5.29E-05				
30	442.00	1.16E+00	2.65E+00	1.04E+00	4.66E+00	1.34E-01	-5.12E+00	6.62E+00	-2.81E+00	49.53	1.16E+00	4.66E+00	
	-68.00	-8.57E-06	4.86E-05	-1.34E-05	3.58E-04	1.03E-05	-3.94E-04	2.01E-04	-1.61E-04				
31	457.33	-5.45E+00	-2.31E+00	-3.51E+00	1.60E+00	2.50E+00	-2.72E+00	-1.64E+00	-6.12E+00	67.20	-2.31E+00	-1.60E+00	
	-88.00	-8.57E-05	3.49E-05	-1.11E-05	1.23E-04	1.92E-04	-2.09E-04	6.07E-05	-1.12E-04				
32	472.67	9.25E+00	8.24E+00	6.61E+00	3.99E+00	-1.51E+00	-6.48E+00	1.28E+01	4.73E+00	41.40	1.17E+01	2.72E+00	
	-68.00	9.09E-05	5.22E-05	-1.07E-05	3.07E-04	-1.16E-04	-4.99E-04	2.26E-04	-8.30E-05				
33	443.00	8.21E-01	7.36E-01	-1.36E-01	2.41E+00	-2.86E-01	-2.48E+00	3.19E+00	-1.64E+00	44.49	8.21E-01	2.41E+00	
	-19.50	1.60E-05	1.27E-05	-2.08E-05	1.86E-04	-2.20E-05	-1.91E-04	1.07E-04	-7.85E-05				
34	454.00	7.48E+00	5.90E+00	4.73E+00	6.03E+00	-1.80E+00	-8.01E+00	1.28E+01	6.06E-01	41.26	9.89E+00	5.18E+00	
	-11.33	8.88E-05	2.79E-05	-1.72E-05	4.64E-04	-1.38E-04	-6.16E-04	2.92E-04	-1.76E-04				
35	461.67	2.35E+00	3.15E+00	1.59E+00	5.71E+00	-4.58E-01	-8.30E+00	8.47E+00	-2.97E+00	47.00	2.35E+00	5.71E+00	
	-12.00	1.25E-05	4.33E-05	-1.69E-05	4.39E-04	-3.52E-05	-6.39E-04	2.48E-04	-1.92E-04				
36	460.00	-4.53E+00	-1.59E+00	-3.11E+00	5.54E-01	2.21E+00	-3.33E+00	-1.49E+00	-4.63E+00	79.70	-1.59E+00	-5.54E-01	
	-30.00	-7.28E-05	4.04E-05	-1.83E-05	4.26E-05	1.70E-04	-2.56E-04	4.43E-05	-7.67E-05				
37	476.33	3.38E+00	5.58E+00	3.17E+00	3.92E+00	-4.92E-01	-6.84E+00	8.78E+00	7.73E-01	50.77	5.57E+00	3.92E+00	
	-12.00	1.31E-05	7.48E-05	-1.80E-05	3.02E-04	-3.78E-05	-5.27E-04	1.98E-04	-1.10E-04				
38	558.50	-1.45E-01	1.09E-01	-4.65E-02	3.36E+00	1.18E-01	-3.72E+00	3.39E+00	-3.34E+00	46.46	-1.45E-01	3.36E+00	
	-303.00	-6.67E-06	8.90E-06	-2.19E-06	3.05E-04	1.08E-05	-3.38E-04	1.54E-04	-1.52E-04				
39	558.50	1.07E-01	7.16E-01	1.59E-01	3.35E+00	2.37E-01	-3.60E+00	3.77E+00	-2.95E+00	47.60	1.07E-01	3.35E+00	
	-213.00	-7.87E-06	1.58E-05	-5.54E-06	3.04E-04	2.16E-05	-3.27E-04	1.59E-04	-1.47E-04				
40	506.17	-9.94E-02	1.71E+00	-5.02E-02	7.50E+00	5.64E-01	-7.61E+00	8.36E+00	-6.75E+00	48.44	-9.94E-02	7.50E+00	
	-128.00	-1.04E-05	3.07E-05	-9.33E-06	3.41E-04	2.57E-05	-3.46E-04	1.82E-04	-1.62E-04				
41	558.50	-2.52E+00	1.07E+00	-7.15E-01	3.27E+00	1.93E+00	-4.66E+00	3.01E+00	-4.45E+00	59.40	1.07E+00	-3.27E+00	
	-148.00	-4.59E-05	3.57E-05	-4.94E-06	1.48E-04	8.76E-05	-2.12E-04	7.96E-05	-8.98E-05				
42	610.83	4.00E-01	1.82E+00	4.07E-01	6.45E+00	1.35E+00	-5.94E+00	7.60E+00	-5.38E+00	48.14	7.52E+00	-1.01E+00	
	-128.00	-4.69E-06	2.76E-05	-4.52E-06	2.93E-04	6.12E-05	-2.70E-04	1.59E-04	-1.36E-04				
43	501.38	-7.35E-01	-3.25E-02	-7.83E-01	1.72E+00	6.73E-01	-2.20E+00	1.37E+00	-2.14E+00	50.77	-7.35E-01	1.72E+00	
	-78.00	-1.12E-05	1.58E-05	-1.31E-05	1.32E-04	5.18E-05	-1.69E-04	6.98E-05	-6.52E-05				
44	534.67	1.13E+00	1.47E+00	7.28E-01	5.47E+00	4.13E-01	-6.79E+00	6.78E+00	-4.17E+00	45.90	6.72E+00	-7.81E-01	
	-68.00	6.87E-06	2.00E-05	-8.61E-06	4.21E-04	3.18E-05	-5.22E-04	2.24E-04	-1.97E-04				
45	584.67	-9.65E-01	-2.64E-01	-7.55E-01	5.12E+00	1.38E+00	-4.75E+00	4.55E+00	-5.72E+00	47.12	-9.65E-01	5.12E+00	
	-68.00	[illegible]59E-05	1.32E-05	-7.88E-06	3.94E-04	1.06E-04	[illegible]-04	1.96E-04	-1.99E-04				
46	610.83	[illegible]31E+00	-1.03E+00	-2.56E+00	2.76E+00	2.56E+00	[illegible]+00	3.23E-01	-6.66E+00	63.89	-1.03E+00	-2.70E[illegible]	

	-8	-1.06E-04	[illegible]	-9.50E-07	2.12E-04	1.97E-0[illegible]	[illegible]4E-04	1.10E-04	-1.58E-04				
47	482.[illegible]	-1.60E-03	4.2[illegible]E-01	-6.79E-01	1.26E+00	6.71E-01	[illegible]1E+00	1.43E+00	-1.17E+00	51.64	-1.69E-01	1.2[illegible]	
	-21.00	-1.86E-06	2.10E-05	-2.1[illegible]E-05	9.71E-05	5.16E-05	-1.93E-04	5.05E-05	-4.03E-05				
48	485.93	2.22E+00	2.29E+00	1.64E+00	3.65E+00	9.63E-02	-7.63E+00	6.50E+00	-8.96E-01	49.50	2.70E+00	3.70E+00	
	-12.00	5.38E-06	5.04E-05	-1.6[illegible]E-05	2.81E-04	7.41E-06	-5.87E-04	1.70E-04	-1.14E-04				
49	507.88	-6.97E-02	-2.01E-03	-7.27E-01	1.37E+00	4.12E-01	-2.75E+00	1.34E+00	-1.41E+00	45.70	-6.87E-02	1.37E+00	
	-21.00	6.12E-06	8.69E-06	-1.02E-05	1.05E-04	3.17E-05	-2.11E-04	6.01E-05	-4.53E-05				
50	538.67	1.05E+00	9.14E-01	3.88E-01	4.87E+00	1.80E+00	-5.50E+00	5.85E+00	-3.39E+00	44.61	5.82E+00	-5.37E-01	
	-10.00	1.45E-05	9.34E-06	-1.09E-05	3.74E-04	1.39E-04	-4.54E-04	1.99E-04	-1.75E-04				
51	484.67	-1.55E+01	-1.07E+01	-1.14E+01	-3.44E-01	1.16E+00	-8.13E-01	-1.07E+01	-1.55E+01	-85.91	-1.07E+01	3.46E-01	
	9.00	-1.83E-04	1.52E-06	-2.59E-05	-2.64E-05	8.91E-05	-6.29E-05	2.46E-06	-1.83E-04				
52	507.00	3.72E+00	4.54E+00	2.56E+00	2.51E+00	8.29E-01	2.30E+00	6.68E+00	1.59E+00	49.67	6.11E+00	1.59E+00	
	9.00	2.42E-05	5.59E-05	-2.06E-05	1.93E-04	6.37E-05	1.77E-04	1.38E-04	-5.78E-05				
53	603.00	4.62E-02	2.09E-02	-6.66E-02	2.01E+00	9.25E-01	-1.94E+00	2.05E+00	-1.98E+00	44.82	-1.21E+00	1.58E+00	
	-18.00	1.77E-06	7.59E-07	-2.57E-06	1.55E-04	7.11E-05	-1.49E-04	7.87E-05	-7.62E-05				
54	712.00	-2.13E-01	3.90E-01	6.52E-02	3.14E+00	2.81E-01	-3.09E+00	3.24E+00	-3.07E+00	47.74	-2.13E-01	3.14E+00	
	-303.00	-1.28E-05	1.46E-05	-1.91E-07	2.85E-04	2.56E-05	-2.81E-04	1.44E-04	-1.42E-04				
55	712.00	-1.73E+00	-8.13E-01	-9.63E-01	3.44E+00	8.95E-01	-3.02E+00	2.20E+00	-4.74E+00	48.81	-1.73E+00	3.44E+00	
	-213.00	-3.32E-05	8.64E-06	1.81E-06	3.13E-04	8.14E-05	-2.74E-04	1.45E-04	-1.70E-04				
56	712.00	-2.37E+00	-1.06E+00	-7.49E-01	2.58E+00	2.09E+00	-2.33E+00	9.51E-01	-4.38E+00	52.12	-2.37E+00	2.58E+00	
	-138.00	-3.19E-05	-2.13E-06	4.87E-06	1.17E-04	9.52E-05	-1.06E-04	4.35E-05	-7.76E-05				
57	712.00	-6.59E-01	6.19E-02	-3.12E-02	1.65E+00	8.61E-01	-1.85E+00	1.39E+00	-1.98E+00	51.17	-6.59E-01	1.65E+00	
	-78.00	-1.84E-05	9.28E-06	5.70E-06	1.27E-04	6.62E-05	-1.42E-04	6.03E-05	-6.94E-05				
58	712.00	-8.22E-01	-4.47E-01	-2.68E-01	2.22E+00	7.66E-01	-2.17E+00	1.60E+00	-2.86E+00	47.41	-8.22E-01	2.22E+00	
	-18.00	-1.47E-05	-3.11E-07	6.58E-06	1.71E-04	5.89E-05	-1.67E-04	7.83E-05	-9.33E-05				
59	837.00	-8.87E+00	-4.86E+00	-5.49E+00	2.62E+00	1.57E+00	-2.62E+00	-3.57E+00	-1.02E+01	63.67	-4.86E+00	-2.62E+00	
	-318.00	-1.53E-04	2.86E-05	.00E+00	2.39E-04	1.43E-04	-2.38E-04	8.76E-05	-2.12E-04				
60	887.00	-1.18E+00	4.68E-02	-4.54E-01	7.02E+00	6.24E-01	-5.77E+00	6.48E+00	-7.61E+00	47.50	5.91E+00	-2.76E+00	
	-288.00	-3.31E-05	2.27E-05	.00E+00	6.38E-04	5.67E-05	-5.24E-04	3.15E-04	-3.25E-04				
61	987.00	1.63E+00	1.19E+00	1.13E+00	7.11E+00	-3.05E-01	-5.24E+00	8.53E+00	-5.71E+00	44.10	1.63E+00	7.11E+00	
	-288.00	2.30E-05	2.66E-06	.00E+00	6.47E-04	-2.77E-05	-4.76E-04	3.36E-04	-3.11E-04				
62	1037.00	-8.71E+00	-5.19E+00	-5.56E+00	5.20E+00	1.25E+00	-4.17E+00	-1.46E+00	-1.24E+01	54.36	-5.19E+00	-5.20E+00	
	-318.00	-1.43E-04	1.69E-05	.00E+00	4.73E-04	1.14E-04	-3.79E-04	1.86E-04	-3.13E-04				
63	862.00	-1.77E-01	-2.04E-02	1.53E-01	3.56E+00	2.10E-01	-2.96E+00	3.46E+00	-3.65E+00	45.63	-1.77E-01	3.56E+00	
	-213.00	-7.45E-06	-3.52E-07	7.51E-06	3.23E-04	1.91E-05	-2.69E-04	1.58E-04	-1.66E-04				
64	1012.00	4.91E-01	3.70E-01	5.93E-01	3.82E+00	-6.80E-02	-2.96E+00	4.24E+00	-3.39E+00	44.58	4.81E-01	3.82E+00	
	-213.00	3.12E-06	-1.95E-06	8.20E-06	3.47E-04	-6.18E-06	-2.69E-04	1.74E-04	-1.73E-04				
65	837.00	-8.08E-02	-1.80E-01	6.51E-01	2.72E+00	7.42E-01	-3.14E+00	2.59E+00	-2.85E+00	44.48	-1.80E-01	-2.72E+00	
	-148.00	-3.86E-06	-6.13E-06	1.27E-05	1.24E-04	3.37E-05	-1.43E-04	5.69E-05	-6.69E-05				
66	937.00	-4.99E-01	-6.02E-02	4.86E-01	4.73E+00	4.43E-01	-3.61E+00	4.46E+00	-5.01E+00	46.30	3.14E+00	-3.27E+00	
	-128.00	-1.08E-05	-1.04E-06	1.14E-05	2.15E-04	2.01E-05	-1.64E-04	1.02E-04	-1.13E-04				
67	1037.00	-4.47E+00	-8.69E-01	-8.38E-01	4.57E+00	1.61E+00	-4.17E+00	2.24E+00	-7.58E+00	55.75	-8.69E-01	-4.57E+00	
	-148.00	-6.89E-05	1.29E-05	1.25E-05	2.08E-04	7.31E-05	-1.89E-04	8.36E-05	-1.40E-04				
68	937.00	-1.47E+00	-1.22E+00	-6.96E-01	5.15E+00	9.09E-01	-4.06E+00	3.80E+00	-6.49E+00	45.71	-1.47E+00	5.15E+00	
	-68.00	-1.94E-05	-9.60E-06	1.04E-05	3.96E-04	6.99E-05	-3.12E-04	1.93E-04	-2.12E-04				
69	937.00	-1.79E+00	3.22E-01	-6.98E-03	2.82E+00	9.44E-01	-2.48E+00	2.28E+00	-3.74E+00	55.25	3.22E-01	-2.82E+00	
	-88.00	-5.26E-05	2.86E-05	1.59E-05	2.17E-04	7.26E-05	-1.90E-04	1.04E-04	-1.28E-04				
70	1037.00	2.69E-02	8.01E-01	8.55E-01	4.80E+00	-2.26E-01	-5.15E+00	5.23E+00	-4.40E+00	47.31	4.00E+00	-3.21E+00	
	-68.00	-1.75E-05	1.23E-05	1.44E-05	3.69E-04	-1.73E-05	-3.96E-04	1.82E-04	-1.88E-04				
71	962.00	-1.17E+00	-6.36E-01	-1.99E-01	2.19E+00	7.97E-01	-2.09E+00	1.30E+00	-3.11E+00	48.51	-1.17E+00	2.19E+00	
	-18.00	-2.31E-05	-2.37E-06	1.44E-05	1.68E-04	6.13E-05	-1.61E-04	7.21E-05	-9.76E-05				
72	1012.00	3.56E-01	5.90E-01	9.73E-01	2.39E+00	-1.06E-01	-1.87E+00	2.87E+00	-1.91E+00	46.45	3.56E-01	2.39E+00	
	-18.00	-7.48E-05	1.84E-06	1.62E-05	1.84E-04	-8.15E-06	-1.44E-04	8.91E-05	-9.48E-05				
73	1387.00	4.83E-01	5.22E-01	4.95E-01	2.80E+00	1.07E-02	-1.79E+00	3.31E+00	-2.30E+00	45.19	4.83E-01	2.80E+00	
	-303.00	2.50E-06	4.23E-06	3.00E-06	2.55E-04	9.73E-07	-1.63E-04	1.31E-04	-1.24E-04				
74	1387.00	5.71E-02	-5.01E-02	2.96E-01	2.98E+00	7.55E-02	-1.79E+00	2.98E+00	-2.97E+00	44.48	5.71E-02	2.98E+00	
	-213.00	-1.34E-06	-6.21E-06	9.51E-06	2.71E-04	6.87E-06	-1.63E-04	1.32E-04	-1.39E-04				
75	1387.00	-5.95E-02	2.15E-01	8.46E-01	2.20E+00	2.39E-01	-1.20E+00	2.28E+00	-2.12E+00	46.79	-5.95E-02	2.20E+00	
	-138.00	-6.61E-06	-3.68E-07	1.40E-05	9.98E-05	1.09E-05	-5.46E-05	4.65E-05	-5.35E-05				
76	1187.00	-9.02E-01	-6.44E-01	-1.61E-01	3.32E+00	6.59E-01	-1.14E+00	2.55E+00	-4.10E+00	46.11	-9.02E-01	3.32E+00	
	-68.00	-1.59E-05	-6.01E-06	1.26E-05	2.55E-04	5.07E-05	-8.74E-05	1.17E-04	-1.39E-04				
77	1387.00	-1.01E+00	-7.29E-01	-1.98E-04	1.72E+00	4.86E-01	-1.31E+00	8.58E-01	-2.60E+00	47.34	-7.29E-01	-1.72E+00	
	-88.00	-1.98E-05	-8.92E-06	1.91E-05	1.33E-04	3.74E-05	-1.01E-04	5.22E-05	-8.09E-05				
78	1587.00	-2.06E-01	-1.05E-01	4.84E-01	2.13E+00	-2.55E-02	-7.09E-01	1.98E+00	-2.29E+00	45.68	7.12E-01	-1.95E+00	

	-68.00	-9.93E-06	-5.95E-06	1.67E-05	1.64E-04	-1.96E-06	-5.45E-05	7.42E-05	-9.00E-05				
79	1237.00	-1.32E+00	-4.[illegible]5E-01	-7.17E-02	1.35E+00	4.69E-01	-1.10E+00	9.92E-01	-2.81E+00	51.37	-1.33E+00	1.85E+00	
	-10.00	-3.03E-05	1.[illegible]1E-06	1.91E-05	1.42E-04	5.14E-05	-8.43E-05	5.86E-05	-8.71E-05				
80	1433.80	-8.02E-01	-2.65E-01	2.77E-01	2.17E+00	2.88E-01	-8.15E-01	1.66E+00	-2.72E+00	48.52	-8.02E-01	2.17E+00	
	-8.00	-2.22E-05	-1.51E-06	1.93E-05	1.67E-04	2.22E-05	-6.27E-05	7.24E-05	-9.61E-05				
81	1533.80	-1.31E+00	-3.03E-01	4.61E-02	1.28E+00	2.14E-01	-5.12E-01	5.69E-01	-2.19E+00	55.77	-3.03E-01	-1.28E+00	
	-28.00	-3.33E-05	5.61E-06	1.90E-05	9.86E-05	1.65E-05	-3.94E-05	3.91E-05	-6.68E-05				
82	1633.00	-1.35E+00	-4.38E-01	-6.40E-02	4.52E-01	-2.79E-02	-6.35E-02	-2.53E-01	-1.54E+00	67.68	-2.54E-01	-3.85E-02	
	-8.00	-3.16E-05	3.56E-06	1.79E-05	3.48E-05	-2.15E-06	-6.42E-06	1.07E-05	-3.88E-05				
83	1732.80	-5.49E+00	-2.36E+00	-2.34E+00	1.43E+00	1.54E+00	-6.25E-01	-1.81E+00	-6.05E+00	68.76	-2.36E+00	-1.43E+00	
	27.60	-9.92E-05	2.12E-05	2.20E-05	1.10E-04	1.19E-04	-4.80E-05	4.26E-05	-1.21E-04				
84	1296.10	-1.94E+00	-2.42E-01	-1.03E-01	1.55E+00	7.55E-01	-8.27E-01	6.75E-01	-2.86E+00	89.39	-1.20E+00	-1.77E+00	
	40.70	-4.96E-05	1.53E-05	2.12E-05	1.19E-04	5.81E-05	-6.36E-05	5.11E-05	-8.49E-05				
85	1146.60	-8.82E-01	3.80E-01	4.15E-01	2.04E+00	8.33E-01	-3.91E-01	1.88E+00	-2.39E+00	53.60	1.54E+00	1.16E+00	
	57.33	-3.30E-05	1.56E-05	1.69E-05	1.57E-04	6.41E-05	-3.01E-05	7.34E-05	-9.08E-05				
86	1131.40	-6.93E+00	-3.39E+00	-3.14E+00	7.30E-01	2.62E+00	-6.04E-02	-3.25E+00	-7.07E+00	78.77	-3.39E+00	-7.30E-01	
	112.00	-1.19E-04	1.74E-05	2.71E-05	5.62E-05	2.17E-04	-4.65E-06	2.30E-05	-1.24E-04				
87	1015.60	-1.99E+00	-6.60E-01	-3.67E-01	2.18E+00	1.10E+00	-3.29E+00	9.49E-01	-3.60E+00	53.51	-6.60E-01	-2.18E+00	
	34.67	-4.34E-05	7.79E-06	1.91E-05	1.67E-04	8.49E-05	-2.53E-04	6.97E-05	-1.05E-04				
88	886.60	-9.75E-01	-2.90E-01	4.59E-02	1.75E+00	5.35E-01	-1.92E+00	1.15E+00	-2.42E+00	50.54	-9.75E-01	1.75E+00	
	46.00	-2.41E-05	2.25E-06	1.52E-05	1.35E-04	4.12E-05	-1.48E-04	5.76E-05	-7.95E-05				
89	869.80	-4.61E+00	-2.02E+00	-1.95E+00	9.16E-01	1.62E+00	-6.38E-01	-1.73E+00	-4.90E+00	72.38	-2.02E+00	-9.16E-01	
	96.00	-8.31E-05	1.66E-05	1.94E-05	7.05E-05	1.24E-04	-4.91E-05	2.78E-05	-9.43E-05				
90	952.60	-7.44E-01	2.24E+00	1.24E+00	2.68E+00	8.27E-01	-1.54E+00	3.82E+00	-2.32E+00	59.53	3.13E+00	-1.94E+00	
	128.00	-5.97E-05	5.60E-05	1.77E-05	2.06E-04	6.36E-05	-1.49E-04	1.17E-04	-1.19E-04				
91	869.80	-1.23E+00	-1.89E-01	-5.78E-02	1.18E+00	8.64E-01	-3.88E-01	5.55E-01	-2.07E+00	57.83	-1.33E+00	1.18E+00	
	160.00	-3.37E-05	1.00E-05	1.51E-05	9.10E-05	6.65E-05	-2.98E-05	3.86E-05	-6.23E-05				
92	869.80	-6.34E+00	-2.10E+00	-2.45E+00	6.06E-01	3.09E+00	-7.35E-01	-2.02E+00	-6.43E+00	82.02	-2.10E+00	-6.06E-01	
	203.60	-1.24E-04	3.89E-05	2.54E-05	4.66E-05	2.37E-04	-5.66E-05	4.22E-05	-1.27E-04				
93	598.67	2.01E-01	3.15E-02	1.63E-01	3.47E+00	2.12E+00	-4.06E+00	3.59E+00	-3.36E+00	44.30	3.15E-02	-3.47E+00	
	16.00	3.39E-06	-3.14E-06	1.92E-06	2.67E-04	1.63E-04	-3.12E-04	1.34E-04	-1.34E-04				
94	645.75	-6.32E-01	-3.13E-01	-2.66E-01	2.22E+00	8.71E-01	-1.94E+00	1.76E+00	-2.70E+00	47.05	-6.32E-01	2.22E+00	
	24.00	-1.10E-05	1.27E-06	3.08E-06	1.71E-04	6.70E-05	-1.49E-04	8.09E-05	-9.06E-05				
95	613.10	-9.08E-01	-1.32E+00	-9.33E-01	3.79E+00	8.61E-01	-4.40E-01	2.68E+00	-4.91E+00	43.43	-9.08E-01	3.79E+00	
	69.33	-1.50E-07	-1.61E-05	-1.09E-06	2.91E-04	6.62E-05	-3.38E-05	1.38E-04	-1.54E-04				
96	708.45	-1.20E+00	-2.48E-01	-2.37E-01	1.78E+00	8.93E-01	-1.51E+00	1.12E+00	-2.57E+00	52.50	-1.36E+00	-1.73E+00	
	58.00	-2.77E-05	9.01E-06	9.42E-06	1.37E-04	6.87E-05	-1.16E-04	6.16E-05	-8.03E-05				
97	613.10	-3.47E+00	-1.56E+00	-1.62E+00	1.18E+00	2.81E+00	-9.31E-01	-9.91E-01	-4.04E+00	64.49	-1.56E+00	-1.18E+00	
	96.00	-6.05E-05	1.32E-05	1.08E-05	9.10E-05	2.16E-04	-7.16E-05	3.49E-05	-8.22E-05				
98	682.27	-1.25E+00	-3.36E-01	-2.83E-01	2.44E+00	8.68E-01	-1.58E+00	1.68E+00	-3.27E+00	50.33	1.38E+00	-1.18E+00	
	112.00	-2.76E-05	7.64E-06	9.71E-06	1.87E-04	6.68E-05	-1.22E-04	8.53E-05	-1.05E-04				
99	751.43	-3.97E+00	1.02E+00	-6.41E-01	2.74E+00	2.16E+00	-3.59E+00	2.22E+00	-5.18E+00	66.18	1.02E+00	-2.74E+00	
	96.00	-1.13E-04	7.86E-05	1.49E-05	2.10E-04	1.66E-04	-2.76E-04	1.25E-04	-1.60E-04				
100	683.25	-1.07E+00	-1.91E-01	-8.37E-02	9.06E-01	6.66E-01	-1.25E+00	3.78E-01	-1.63E+00	57.90	-1.07E+00	9.06E-01	
	152.00	-2.63E-05	7.40E-06	1.15E-05	6.97E-05	5.12E-05	-9.62E-05	2.93E-05	-4.81E-05				
101	648.67	-5.61E+00	-2.64E+00	-2.73E+00	5.43E-01	1.88E+00	-7.71E-01	-2.55E+00	-5.70E+00	79.95	-2.64E+00	-5.43E-01	
	192.00	-9.50E-05	1.90E-05	1.57E-05	4.17E-05	1.44E-04	-5.93E-05	2.27E-05	-9.87E-05				
102	725.25	-8.35E-01	5.09E-01	3.63E-01	9.93E-01	5.01E-01	-9.05E-01	1.04E+00	-1.36E+00	62.04	-1.17E-01	-1.20E+00	
	232.70	-3.25E-05	1.92E-05	1.35E-05	7.64E-05	3.85E-05	-6.96E-05	3.95E-05	-5.28E-05				
103	635.50	-8.49E-01	-9.76E-01	-3.44E-01	3.23E-03	3.90E-01	2.68E-01	-8.48E-01	-9.76E-01	1.45	-8.49E-01	3.23E-03	
	256.00	-8.81E-06	-1.37E-05	1.06E-05	2.49E-07	3.00E-05	2.06E-05	-8.80E-06	-1.37E-05				
104	635.50	-1.98E+00	-1.35E+00	-7.08E-01	-8.62E-02	1.34E+00	-6.00E-02	-1.34E+00	-1.99E+00	-82.33	-1.35E+00	8.62E-02	
	290.67	-3.18E-05	-7.63E-06	1.72E-05	-6.63E-06	1.03E-04	-4.61E-06	-7.18E-06	-3.22E-05				
105	560.00	5.17E-01	9.28E-02	4.03E-02	3.67E+00	1.21E+00	-3.44E+00	3.98E+00	-3.37E+00	43.35	5.17E-01	3.67E+00	
	16.50	1.27E-05	-3.57E-06	-5.59E-06	2.83E-04	9.29E-05	-2.65E-04	1.46E-04	-1.37E-04				
106	508.50	6.88E+00	4.62E+00	4.27E+00	2.54E+00	2.80E+00	-1.03E+00	8.53E+00	2.97E+00	32.99	4.62E+00	-2.54E+00	
	13.00	9.13E-05	4.24E-06	-8.92E-06	1.95E-04	2.16E-04	-7.90E-05	1.55E-04	-5.92E-05				
107	521.00	1.93E+00	9.09E-01	6.26E-01	3.55E+00	9.98E-01	-1.50E+00	5.05E+00	-2.12E+00	41.26	1.93E+00	3.55E+00	
	15.75	3.52E-05	-6.87E-07	-1.50E-05	2.73E-04	7.68E-05	-1.46E-04	1.55E-04	-1.21E-04				
108	526.25	1.66E+00	8.37E-01	5.43E-01	3.92E+00	8.46E-01	-1.97E+00	5.19E+00	-2.70E+00	42.01	1.66E+00	3.92E+00	
	21.00	3.04E-05	-1.20E-06	-1.25E-05	3.02E-04	6.51E-05	-1.51E-04	1.66E-04	-1.37E-04				
109	515.5[illegible]	[illegible]4.25E+00	2.87E+00	2.70E+00	4.79E+00	1.96E+00	[illegible]04E+00	8.41E+00	-1.28E+00	40.92	2.87E+00	-4.79E[illegible]	
	26.[illegible]	[illegible].54E-05	2.58E-06	-4.03E-06	3.69E-04	1.51E-04	[illegible]E-05	2.15E-04	-1.57E-04				
110	531.[illegible]	[illegible].13E-01	4.63E-01	1.63E-01	3.21E+00	5.97E-01	[illegible]E+00	3.75E+00	-2.67E+00	44.33	6.13E-01	3.2[illegible]	

	34.50	[illegible]96E-06	4.19E-06	-7.35E-06	2.47E-04	4.60E-05	[illegible]-04	1.31E-04	-1.16E-04				
111	515.50	[illegible].48E+00	-2.79E+00	-2.90E+00	9.32E+00	4.69E-01	[illegible]-01	6.21E+00	-1.25E+01	42.99	-2.48E+00	9.32E[illegible]	
	44.00	5.45E-04	-4.42E-05	-1.09E-05	7.17E-04	3.61E-05	1.08E-05	3.40E-04	-3.79E-04				
112	515.50	-1.13E+00	-6.20E-01	-7.10E-01	2.16E+00	1.12E+00	-8.42E-01	1.30E+00	-3.06E+00	48.31	-6.28E-01	-2.16E+00	
	59.33	-1.59E-05	3.42E-06	-1.30E-06	1.66E-04	8.63E-05	-6.48E-05	7.75E-05	-9.00E-05				
113	547.50	-1.25E+00	7.70E-01	-2.36E-01	3.47E+00	6.90E-01	-3.46E+00	3.38E+00	-3.86E+00	53.10	1.84E+00	-2.96E+00	
	64.00	-4.02E-05	3.75E-05	-1.22E-06	2.67E-04	5.31E-05	-2.66E-04	1.38E-04	-1.40E-04				
114	515.50	-2.91E+00	-3.29E+00	-2.59E+00	3.88E+00	2.70E-01	-8.84E-01	7.88E-01	-6.98E+00	43.64	-2.91E+00	3.88E+00	
	74.67	-1.55E-05	-2.93E-05	-2.75E-06	2.98E-04	2.08E-05	-6.80E-05	1.27E-04	-1.72E-04				
115	515.50	-5.99E+00	-3.72E+00	-3.88E+00	1.41E+00	8.72E-01	-7.96E-01	-3.05E+00	-6.66E+00	64.47	-3.72E+00	-1.41E+00	
	88.00	-8.11E-05	6.34E-06	1.36E-07	1.08E-04	6.70E-05	-6.12E-05	3.22E-05	-1.07E-04				
116	547.50	-3.34E+00	-1.48E-01	-1.39E+00	4.37E+00	6.05E-01	-2.63E+00	2.90E+00	-6.40E+00	55.05	1.72E+00	-3.10E+00	
	104.00	-7.50E-05	4.80E-05	1.28E-07	3.36E-04	4.66E-05	-2.02E-04	1.65E-04	-1.92E-04				
117	515.50	-1.00E+00	-1.02E+00	-7.14E-01	3.10E+00	7.55E-02	-1.40E+00	2.05E+00	-4.16E+00	45.31	-1.09E+00	3.10E+00	
	120.00	-1.09E-05	-8.30E-06	3.65E-06	2.39E-04	5.81E-06	-1.08E-04	1.10E-04	-1.29E-04				
118	515.50	-4.16E+00	-2.49E+00	-2.45E+00	1.20E+00	4.29E-01	-6.70E-01	-1.86E+00	-4.79E+00	62.43	-2.49E+00	-1.20E+00	
	136.00	-6.00E-05	4.25E-06	5.75E-06	9.23E-05	3.30E-05	-5.16E-05	2.83E-05	-8.41E-05				
119	547.50	-2.90E+00	-7.67E-01	-1.27E+00	2.90E+00	3.16E-01	-1.45E+00	1.25E+00	-4.92E+00	55.12	4.70E-01	-2.05E+00	
	152.00	-5.73E-05	2.48E-05	5.42E-06	2.23E-04	2.43E-05	-1.12E-04	1.02E-04	-1.35E-04				
120	515.50	-1.37E+00	-1.06E+00	-6.39E-01	2.05E+00	4.39E-02	-7.98E-01	8.41E-01	-3.27E+00	47.21	-1.37E+00	2.05E+00	
	168.00	-1.91E-05	-6.94E-06	9.18E-06	1.58E-04	3.38E-06	-6.14E-05	6.61E-05	-9.22E-05				
121	515.50	-5.43E+00	-3.29E+00	-3.12E+00	9.40E-01	4.49E-01	-5.00E-01	-2.94E+00	-5.79E+00	69.36	-3.29E+00	-9.40E-01	
	184.00	-7.87E-05	3.57E-06	1.01E-05	7.23E-05	3.45E-05	-3.85E-05	1.72E-05	-9.24E-05				
122	547.50	-1.75E+00	1.08E+00	8.13E-02	3.23E+00	2.57E-01	-2.07E+00	3.19E+00	-3.85E+00	56.84	2.44E+00	-2.19E+00	
	200.00	-6.08E-05	4.81E-05	9.51E-06	2.48E-04	1.98E-05	-1.60E-04	1.29E-04	-1.42E-04				
123	515.50	8.01E-01	1.41E+00	1.39E+00	1.47E+00	-2.27E-01	-1.06E+00	2.61E+00	-3.97E-01	50.83	8.01E-01	1.47E+00	
	216.00	-8.79E-06	1.46E-05	1.40E-05	1.13E-04	-1.75E-05	-8.13E-05	6.06E-05	-5.49E-05				
124	515.50	-1.64E+00	-8.41E-01	-5.15E-01	3.82E-01	-2.62E-01	-3.31E-01	-6.88E-01	-1.79E+00	68.09	-8.41E-01	-3.82E-01	
	232.00	-3.01E-05	5.39E-07	1.31E-05	2.94E-05	-2.02E-05	-2.55E-05	6.44E-06	-3.60E-05				
125	547.50	-7.68E-01	-2.54E-01	3.96E-02	7.60E-01	-1.64E-01	-1.11E+00	2.91E-01	-1.31E+00	54.35	7.36E-02	-5.49E-01	
	248.00	-1.88E-05	1.04E-06	1.23E-05	5.85E-05	-1.26E-05	-8.56E-05	2.20E-05	-3.97E-05				
126	515.50	1.45E+00	2.16E+00	2.01E+00	-1.80E-01	-4.36E-01	-1.19E+00	2.20E+00	1.40E+00	-76.65	1.45E+00	-1.80E-01	
	264.00	-6.10E-06	2.15E-05	1.54E-05	-1.39E-05	-3.36E-05	-9.17E-05	2.31E-05	-7.74E-06				
127	515.50	-7.97E-01	-3.89E-01	-7.53E-02	1.44E-01	-9.44E-01	-1.90E-01	-3.42E-01	-8.34E-01	72.01	-3.89E-01	-1.44E-01	
	276.00	-1.65E-05	-1.21E-06	1.09E-05	1.11E-05	-6.50E-05	-1.46E-05	5.92E-07	-1.83E-05				
128	531.50	6.38E-01	4.10E-01	8.85E-01	8.15E-02	-3.90E-01	-1.11E-01	6.64E-01	3.84E-01	17.76	6.38E-01	8.15E-02	
	297.00	3.30E-06	-5.48E-06	1.28E-05	6.27E-06	-3.00E-05	-8.57E-06	4.30E-06	-6.49E-06				
129	515.50	2.86E+00	2.49E+00	2.65E+00	-5.30E-01	-4.19E-01	-7.71E-01	3.24E+00	2.11E+00	-35.40	2.86E+00	-5.30E-01	
	320.00	2.21E-05	7.89E-06	1.40E-05	-4.08E-05	-3.22E-05	-5.93E-05	3.66E-05	-6.60E-06				
183	565.50	9.39E-02	4.25E-02	-3.23E-01	5.49E+00	1.58E+00	-4.32E+00	5.56E+00	-5.42E+00	44.87	9.39E-02	5.49E+00	
	-8.00	5.66E-06	3.69E-06	-1.04E-05	4.22E-04	1.22E-04	-3.32E-04	2.16E-04	-2.06E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .4700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5109E+02	-.3217E+03	.1139E+03	.5895E+02	.1357E+03	-.9413E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.8154E+01	.3743E+01	.1826E+01	.5138E+02	-.3742E+02	-.4776E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7455E+01	-.1265E+01	.9536E+00	.8261E+02	-.8436E+02	-.8675E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1041E+02	.2354E+01	.2264E+00	.1156E+03	-.1317E+03	-.1269E+03

17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1165E+02	-.1741E+01	.2413E+00	.1492E+03	-.1788E+03	-.1707E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2518E+00	-.9746E+00	.7271E+00	.2007E+03	-.2264E+03	-.2231E+03
25	.2519E+02	.4096E+01	.1894E+00	.2505E+03	-.2495E+03	-.2742E+03
26	-.1622E+02	-.1957E+01	.8457E-01	.2710E+03	-.2638E+03	-.3116E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1252E+03	-.2406E+02	.4599E+01	.2770E+03	-.3636E+03	-.3417E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2358E+04	.4029E+03	-.1194E+02	.3922E+03	-.9675E+03	-.5405E+03
40	.1602E+04	.2459E+03	.7754E+01	.3679E+03	-.9553E+03	-.4956E+03
41	.1005E+04	.1298E+03	.2305E+02	.3173E+03	-.8662E+03	-.4302E+03
42	.2234E+03	.1273E+02	.1993E+02	.2771E+03	-.6166E+03	-.3750E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2219E+04	-.2855E+03	-.1197E+02	.5531E+02	-.1017E+04	.2798E+03
48	-.1918E+04	-.2479E+03	-.1343E+02	.1373E+03	-.9394E+03	.2005E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3541E+04	-.5398E+03	-.1659E+02	-.3060E+02	-.6921E+03	.8415E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.9007E+01	.2079E+02	-.6609E+00	.3098E+02	-.1001E+04	.2629E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2427E+04	-.3687E+03	-.1649E+02	.1408E+02	-.5599E+03	.7917E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1702E+04	-.2598E+03	-.2213E+02	.1028E+02	-.5274E+03	.7694E+03
66	-.5782E+03	-.9047E+02	-.2787E+02	.4273E+01	-.4418E+03	.8012E+03
67	.1157E+04	.1705E+03	-.2795E+02	.5953E+01	-.3544E+03	.7997E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2060E+04	.3062E+03	-.2359E+02	.1013E+03	-.2809E+03	.7987E+03
76	-.2215E+03	-.3517E+02	-.1632E+02	.1331E+03	-.1810E+03	.8086E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.9469E+03	.1293E+03	-.1205E+02	.1521E+03	-.5611E+02	.7809E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3623E+03	-.5451E+02	-.8715E+01	.2030E+03	.2132E+02	.7613E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5085E+03	.7729E+02	-.7770E+01	.1624E+03	.1289E+03	.7041E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3296E+03	-.4762E+02	-.6493E+01	.1440E+03	.1943E+03	.6431E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3783E+03	.5930E+02	-.6625E+01	.1430E+03	.2846E+03	.5788E+03
109	-.2223E+03	-.3019E+02	-.5764E+01	.1431E+03	.3461E+03	.5007E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3173E+03	.5149E+02	-.5626E+01	.8802E+02	.4149E+03	.4161E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1772E+03	.3085E+02	-.1265E+01	.5235E+02	.4485E+03	.3288E+03
115	.4172E+02	.1078E+02	.8107E-01	.1955E+02	.4534E+03	.2382E+03
116	.1546E+03	.2831E+02	.1401E+01	-.2545E+01	.4784E+03	.1806E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1518E+03	.2818E+02	.2939E+01	.2479E+02	.4939E+03	.1596E+03
119	.9627E+02	.1949E+02	.4322E+01	-.4041E+02	.4514E+03	.9191E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2793E+03	.3673E+02	.1698E+02	-.3996E+02	.3957E+03	.4858E+02
122	.2361E+03	.1855E+02	.2890E+02	.1386E+02	.3832E+03	.4924E+02
123	.1802E+03	.1247E+02	.2552E+02	.9877E+01	.3354E+03	.4451E+02
124	.1327E+03	.8926E+01	.1760E+02	.7115E+01	.2768E+03	.4068E+02
125	.8828E+02	.4671E+01	.1290E+02	.4817E+01	.2295E+03	.3703E+02
126	.2948E+02	-.4632E+01	.1204E+02	.1900E+01	.1940E+03	.3312E+02
127	-.1407E+02	-.1196E+02	.1232E+02	-.1098E+00	.1667E+03	.2811E+02
128	-.5899E+02	-.1809E+02	.1188E+02	-.4848E+01	.1104E+03	.2245E+02
129	-.6051E+02	-.1581E+02	.1009E+02	-.7053E+01	.6463E+02	.1741E+02
130	-.4247E+02	-.9768E+01	.7520E+01	-.7519E+01	.3070E+02	.1362E+02
131	-.1135E+02	-.1754E+01	.5188E+01	-.6573E+01	.1185E+02	.1152E+02
132	.1249E+01	.8102E+00	.3845E+01	-.4274E+01	.1195E+02	.9880E+01
133	.2150E+01	.6748E+00	.3507E+01	-.2907E+01	.1317E+02	.6281E+01
134	.6046E+00	.2031E+00	.3487E+01	-.2221E+01	.1106E+02	.6508E+01
135	.2112E-01	.1871E-01	.3919E+01	-.1704E+01	.7822E+01	.4796E+01
136	-.1538E-01	.2324E-01	.5204E+01	-.1205E+01	.5072E+01	.3203E+01
137	-.4919E-01	-.2931E-01	.8128E+01	-.8716E+00	.2258E+01	.1754E+01
138	.2694E-01	.1703E+00	.1308E+03	-.6249E+00	-.6209E+00	.8900E+00
139	.1263E+00	.2047E+00	-.3056E+02	-.9503E-01	.3363E+00	-.3472E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P. R-DISPLACEMENT Z-DISPLACEMENT T-DISPLACEMENT ROTATION

1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.22681E-01	-.17137E-03	.32795E-01	.00000E+00
3	-.52611E-01	-.63182E-03	.59293E-01	.00000E+00
4	-.64310E-01	-.64780E-03	.64127E-01	.00000E+00
5	-.69275E-01	.28370E-04	.69301E-01	.00000E+00
6	-.77505E-01	-.22298E-05	.77984E-01	-.20198E-04
7	-.71424E-01	-.15118E-02	.72779E-01	.00000E+00
8	-.78215E-01	-.11723E-02	.78481E-01	-.42278E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.32457E-01	-.43143E-03	.32771E-01	.00000E+00
11	-.59710E-01	-.95255E-03	.60616E-01	.00000E+00
12	-.66393E-01	-.11466E-02	.67498E-01	.00000E+00
13	-.71808E-01	-.92181E-03	.72388E-01	.00000E+00
14	-.78656E-01	-.13067E-02	.79806E-01	-.10813E-04
15	-.72659E-01	-.24106E-02	.76046E-01	.00000E+00
16	-.79325E-01	-.21450E-02	.81980E-01	.11605E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.32712E-01	-.71454E-03	.34127E-01	.00000E+00
19	-.60767E-01	-.14749E-02	.63688E-01	.00000E+00
20	-.67733E-01	-.18485E-02	.71225E-01	.00000E+00
21	-.73444E-01	-.13995E-02	.76632E-01	.00000E+00
22	-.80235E-01	-.17320E-02	.85015E-01	-.66473E-05
23	-.75279E-01	-.37958E-02	.82826E-01	.00000E+00
24	-.81382E-01	-.34274E-02	.88996E-01	-.31299E-04
25	-.82187E-01	-.41377E-02	.91555E-01	-.22831E-05
26	-.82656E-01	-.41341E-02	.93069E-01	.87611E-07
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.32561E-01	-.13367E-02	.35218E-01	.00000E+00
29	-.61868E-01	-.28456E-02	.66688E-01	.00000E+00
30	-.69163E-01	-.33767E-02	.75588E-01	.00000E+00
31	-.75930E-01	-.40182E-02	.84087E-01	.00000E+00
32	-.83149E-01	-.47499E-02	.94744E-01	-.84994E-04
33	-.75665E-01	-.56097E-02	.84128E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.32224E-01	-.19306E-02	.35249E-01	.00000E+00
36	-.62178E-01	-.35094E-02	.67280E-01	.00000E+00
37	-.69840E-01	-.39592E-02	.75333E-01	.00000E+00
38	-.77823E-01	-.51075E-02	.87163E-01	.00000E+00
39	-.94134E-01	-.66796E-02	.97650E-01	.39367E-04
40	-.83977E-01	-.68102E-02	.96978E-01	-.12205E-04
41	-.83827E-01	-.64782E-02	.96352E-01	-.45465E-04
42	-.93546E-01	-.57445E-02	.95636E-01	-.74827E-04
43	-.68689E-01	-.49597E-02	.73544E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.29640E-01	-.28503E-03	.31984E-01	.00000E+00
46	-.61461E-01	-.32199E-02	.64275E-01	.00000E+00
47	-.84209E-01	-.63291E-02	.97906E-01	.41359E-04
48	-.84187E-01	-.65058E-02	.97873E-01	.60402E-04
49	-.77709E-01	-.52304E-02	.86428E-01	.00000E+00
50	-.84949E-01	-.65201E-02	.98211E-01	.18434E-03
51	-.78090E-01	-.56289E-02	.84352E-01	.00000E+00
52	-.87601E-01	-.58547E-02	.92320E-01	.00000E+00
53	-.84267E-01	-.60595E-02	.98032E-01	.13063E-04
54	-.68151E-01	-.33969E-02	.68380E-01	.00000E+00
55	-.76561E-01	-.46696E-02	.75355E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.25202E-01	-.29106E-02	.23188E-01	.00000E+00
58	-.54331E-01	-.20353E-02	.44207E-01	.00000E+00
59	-.89026E-01	-.46349E-02	.87169E-01	.00000E+00
60	-.87680E-01	-.55992E-02	.89598E-01	.00000E+00
61	-.85664E-01	-.65367E-02	.98437E-01	.28597E-03
	-.44028E-01	-.18299E-02	.53380E-01	.00000E+00
	-.74012E-01	-.19560E-02	.64905E-01	.00000E+00
	-.89309E-01	-.58377E-02	.93548E-01	.00000E+00

	-.96633E-01	-.65524E-02	.99647E-01	.15631E-03
	-.89043E-01	-.65301E-02	.99068E-01	.33409E-03
67	-.91643E-01	-.66023E-02	.99530E-01	.41480E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.10735E-01	.22763E-03	.13584E-01	.00000E+00
70	-.57109E-01	-.75352E-03	.43779E-01	.00000E+00
71	-.86132E-01	-.20896E-02	.74251E-01	.00000E+00
72	-.91765E-01	-.56124E-02	.93694E-01	.00000E+00
73	-.70315E-01	-.10543E-02	.49517E-01	.00000E+00
74	-.97380E-01	-.57229E-02	.97739E-01	.00000E+00
75	-.93871E-01	-.66320E-02	.99931E-01	.31701E-03
76	-.96801E-01	-.67440E-02	.10072E+00	.22340E-03
77	-.41305E-01	-.76319E-03	.61104E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.23409E-01	-.90337E-03	.17605E-01	.00000E+00
80	-.54105E-01	.26958E-03	.37856E-01	.00000E+00
81	-.59841E-01	.31561E-03	.41009E-01	.00000E+00
82	-.67281E-01	.48735E-03	.50386E-01	.00000E+00
83	-.96123E-01	-.21029E-02	.82149E-01	.00000E+00
84	-.89632E-01	-.49552E-03	.68476E-01	.00000E+00
85	-.10030E+00	-.68150E-02	.10168E+00	.17924E-03
86	-.10093E+00	-.59335E-02	.10058E+00	.00000E+00
87	-.81442E-01	-.13154E-03	.57098E-01	.00000E+00
88	-.10076E+00	-.47331E-02	.92364E-01	.00000E+00
89	-.10267E+00	-.69757E-02	.10264E+00	.14472E-03
90	-.61240E-01	.51341E-03	.25748E-01	.00000E+00
91	-.65994E-01	.81273E-03	.29376E-01	.00000E+00
92	-.71127E-01	-.26442E-03	.31740E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.26109E-01	.00000E+00	.10248E-01	.00000E+00
95	-.48219E-01	.00000E+00	.18305E-01	.00000E+00
96	-.55417E-01	.00000E+00	.21361E-01	.00000E+00
97	-.57794E-01	.00000E+00	.20470E-01	.00000E+00
98	-.56637E-01	.00000E+00	.19644E-01	.00000E+00
99	-.62374E-01	-.17472E-03	.22282E-01	.00000E+00
100	-.78727E-01	-.51351E-03	.40406E-01	.00000E+00
101	-.96016E-01	-.22342E-02	.68545E-01	.00000E+00
102	-.10632E+00	-.71603E-02	.10399E+00	.12957E-03
103	-.10078E+00	-.30091E-02	.84351E-01	.00000E+00
104	-.10767E+00	-.67304E-02	.10401E+00	.00000E+00
105	-.10886E+00	-.72436E-02	.10515E+00	.11061E-03
106	-.10567E+00	-.36266E-02	.92796E-01	.00000E+00
107	-.11175E+00	-.70518E-02	.10544E+00	.00000E+00
108	-.11174E+00	-.74072E-02	.10620E+00	.10553E-03
109	-.11385E+00	-.74998E-02	.10706E+00	.89810E-04
110	-.11217E+00	-.72606E-02	.97746E-01	.00000E+00
111	-.11638E+00	-.81016E-02	.10823E+00	.00000E+00
112	-.11611E+00	-.76017E-02	.10774E+00	.80253E-04
113	-.11541E+00	-.66041E-02	.10185E+00	.00000E+00
114	-.11737E+00	-.75593E-02	.10821E+00	.29097E-04
115	-.11774E+00	-.75766E-02	.10850E+00	.64348E-05
116	-.11772E+00	-.74537E-02	.10854E+00	-.11218E-04
117	-.11707E+00	-.84295E-02	.11035E+00	.00000E+00
118	-.11750E+00	-.74473E-02	.10854E+00	-.25347E-04
119	-.11682E+00	-.74012E-02	.10846E+00	-.42118E-04
120	-.11910E+00	-.78955E-02	.11003E+00	.00000E+00
121	-.11552E+00	-.72507E-02	.10820E+00	-.70808E-04
122	-.11537E+00	-.66705E-02	.10832E+00	-.85154E-04
123	-.11515E+00	-.61196E-02	.10840E+00	-.96562E-04
124	-.11491E+00	-.54344E-02	.10848E+00	-.10976E-03
125	-.11457E+00	-.47305E-02	.10856E+00	-.12558E-03
126	-.11392E+00	-.34077E-02	.10870E+00	-.14432E-03
127	-.11322E+00	-.19302E-02	.10882E+00	-.14749E-03
128	-.11106E+00	.11054E-02	.10908E+00	-.12223E-03

129	-.11091E+00	.33743E-02	.10932E+00	-.82721E-04
130	-.11032E+00	.45439E-02	.10957E+00	-.36212E-04
131	-.11026E+00	.51832E-02	.10996E+00	.14452E-04
132	-.11060E+00	.41279E-02	.11030E+00	.27522E-04
133	-.11091E+00	.30348E-02	.11061E+00	.21056E-04
134	-.11108E+00	.22784E-02	.11086E+00	.14672E-04
135	-.11119E+00	.17129E-02	.11106E+00	.12175E-04
136	-.11127E+00	.11920E-02	.11121E+00	.12420E-04
137	-.11131E+00	.66450E-03	.11130E+00	.12120E-04
138	-.11134E+00	.10377E-03	.11134E+00	.13396E-04
139	-.11134E+00	.12688E-04	.11134E+00	.12740E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-3.31E-02	-1.25E-01	-1.76E-02	-3.99E+00	-1.73E-02	4.03E+00	3.91E+00	-4.07E+00	-44.67	-3.31E-02	-3.99E+00
	-303.00	7.77E-07	-3.40E-06	1.49E-06	-3.63E-04	-1.57E-06	3.66E-04	1.80E-04	-1.83E-04			
2	72.00	-5.43E-02	-1.68E-01	5.18E-02	-3.32E+00	-4.41E-03	3.41E+00	3.21E+00	-3.43E+00	-44.51	-5.43E-02	-3.32E+00
	-213.00	-2.60E-07	-5.41E-06	4.56E-06	-3.02E-04	-4.01E-07	3.10E-04	1.48E-04	-1.54E-04			
3	72.00	-4.88E-01	-2.00E-01	1.51E-01	-2.19E+00	2.13E-01	2.39E+00	1.85E+00	-2.53E+00	-46.88	-4.88E-01	-2.19E+00
	-138.00	-8.27E-06	-1.73E-06	6.24E-06	-9.94E-05	9.68E-06	1.08E-04	4.48E-05	-5.48E-05			
4	24.00	-2.74E+00	-1.60E+00	-2.02E+00	-4.06E+00	7.28E-01	4.47E+00	1.93E+00	-6.27E+00	-48.97	-2.74E+00	-4.06E+00
	-68.00	-3.54E-05	8.14E-06	-7.66E-06	-3.12E-04	5.60E-05	3.44E-04	1.44E-04	-1.71E-04			
5	72.00	1.00E+00	5.36E-01	1.17E+00	-1.82E+00	-6.84E-02	1.93E+00	2.61E+00	-1.07E+00	-41.36	5.36E-01	1.82E+00
	-68.00	8.79E-06	-9.13E-06	1.52E-05	-1.40E-04	-5.26E-06	1.48E-04	7.05E-05	-7.08E-05			
6	120.00	5.67E-01	5.99E-01	7.99E-01	-3.42E+00	-1.89E-01	3.39E+00	4.00E+00	-2.83E+00	-45.13	-2.77E+00	6.32E-01
	-68.00	2.27E-07	1.44E-06	9.12E-06	-2.63E-04	-1.46E-05	2.61E-04	1.32E-04	-1.31E-04			
7	36.25	-9.16E-01	-3.40E-01	-1.92E-01	-1.94E+00	2.49E-01	1.85E+00	1.33E+00	-2.59E+00	-49.22	-8.49E-01	-1.95E+00
	-19.00	-1.93E-05	2.82E-06	8.54E-06	-1.49E-04	1.92E-05	1.42E-04	6.71E-05	-8.36E-05			
8	108.00	1.05E-01	1.71E-01	3.59E-01	-1.44E+00	-4.59E-03	1.62E+00	1.58E+00	-1.31E+00	-45.66	1.05E-01	-1.44E+00
	-19.00	-2.95E-06	-4.00E-07	6.83E-06	-1.11E-04	-3.53E-07	1.24E-04	5.38E-05	-5.72E-05			
9	216.00	-2.53E-01	-3.75E-01	-1.89E-01	-3.99E+00	2.98E-02	4.10E+00	3.68E+00	-4.31E+00	-44.56	-2.53E-01	-3.99E+00
	-303.00	-8.85E-07	-6.42E-06	2.00E-06	-3.63E-04	2.71E-06	3.73E-04	1.78E-04	-1.85E-04			
10	216.00	-3.29E-01	-3.84E-01	-8.69E-02	-3.41E+00	9.84E-02	3.55E+00	3.05E+00	-3.77E+00	-44.77	-3.29E-01	-3.41E+00
	-213.00	-4.56E-06	-7.06E-06	6.43E-06	-3.10E-04	8.95E-06	3.23E-04	1.49E-04	-1.61E-04			
11	216.00	-4.76E-01	-3.18E-01	3.19E-01	-2.60E+00	3.06E-01	2.78E+00	2.20E+00	-2.95E+00	-45.87	-4.76E-01	-2.60E+00
	-138.00	-8.32E-06	-4.73E-06	9.74E-06	-1.18E-04	1.39E-05	1.26E-04	5.25E-05	-6.55E-05			
12	168.00	-1.30E+00	-1.36E+00	-8.28E-01	-3.98E+00	5.76E-01	4.07E+00	2.64E+00	-5.31E+00	-44.81	-1.30E+00	-3.98E+00
	-68.00	-1.18E-05	-1.39E-05	6.52E-06	-3.06E-04	4.43E-05	3.13E-04	1.40E-04	-1.66E-04			
13	216.00	1.30E+00	5.17E-01	1.32E+00	-1.68E+00	2.94E-02	1.68E+00	2.63E+00	-8.12E-01	-38.41	5.17E-01	1.68E+00
	-88.00	1.56E-05	-1.46E-05	1.62E-05	-1.29E-04	2.26E-06	1.29E-04	6.67E-05	-6.56E-05			
14	264.00	1.28E-01	5.57E-01	7.56E-01	-3.35E+00	-6.62E-02	3.48E+00	3.70E+00	-3.02E+00	-46.83	-2.92E+00	8.16E-01
	-68.00	-1.09E-05	5.60E-06	1.32E-05	-2.58E-04	-5.09E-06	2.68E-04	1.27E-04	-1.32E-04			
15	180.00	-3.08E-01	-5.55E-02	2.48E-01	-1.73E+00	3.86E-01	1.62E+00	1.55E+00	-1.91E+00	-47.09	-3.08E-01	-1.73E+00
	-19.00	-1.06E-05	-8.64E-07	1.08E-05	-1.33E-04	2.97E-05	1.25E-04	6.09E-05	-7.23E-05			
16	252.00	-2.21E-01	7.25E-02	4.47E-01	-1.38E+00	1.46E-01	1.70E+00	1.31E+00	-1.46E+00	-48.04	-2.21E-01	-1.38E+00
	-19.00	-1.18E-05	-4.91E-07	1.39E-05	-1.06E-04	1.13E-05	1.31E-04	4.71E-05	-5.94E-05			
17	361.00	-3.58E-01	-6.28E-01	-3.08E-01	-4.01E+00	1.00E-02	4.25E+00	3.52E+00	-4.51E+00	-44.04	-3.58E-01	-4.01E+00
	-303.00	5.16E-07	-1.17E-05	2.82E-06	-3.65E-04	9.14E-07	3.87E-04	1.77E-04	-1.88E-04			
18	361.00	-3.94E-01	-5.93E-01	-1.43E-01	-3.58E+00	6.41E-02	3.78E+00	3.09E+00	-4.06E+00	-44.21	-3.94E-01	-3.58E+00
	-213.00	-3.25E-06	-1.23E-05	8.18E-06	-3.26E-04	5.83E-06	3.44E-04	1.55E-04	-1.71E-04			
19	361.00	-5.12E-01	-4.63E-01	4.07E-01	-2.63E+00	2.86E-01	3.16E+00	2.35E+00	-3.32E+00	-45.25	-5.12E-01	-2.83E+00
	-138.00	-8.67E-06	-7.54E-06	1.22E-05	-1.29E-04	1.30E-05	1.44E-04	5.63E-05	-7.25E-05			
20	312.00	-2.29E+00	-2.07E+00	-1.34E+00	-4.54E+00	9.73E-01	4.93E+00	2.37E+00	-6.72E+00	-45.70	-2.29E+00	-4.54E+00
	-68.00	-2.55E-05	-1.70E-05	1.12E-05	-3.49E-04	7.48E-05	3.79E-04	1.54E-04	-1.96E-04			
21	360.67	2.12E+00	1.27E+00	2.00E+00	-2.22E+00	-9.91E-02	2.48E+00	3.95E+00	-5.67E-01	-39.55	1.27E+00	2.22E+00
	-88.00	2.23E-05	-1.05E-05	1.78E-05	-1.71E-04	-7.62E-06	1.90E-04	9.28E-05	-8.10E-05			
22	409.33	1.34E+00	-1.94E+00	-6.99E-01	-4.30E+00	1.75E-02	5.36E+00	2.72E+00	-5.89E+00	-43.32	-5.85E+00	6.42E-01
	-68.0[illegible]	[illegible]79E-06	-2.82E-05	1.57E-05	-3.31E-04	1.35E-06	[illegible]E-04	1.47E-04	-1.84E-04			
23	324.0[illegible]	[illegible].80E-01	-1.38E-01	3.22E-01	-1.81E+00	6.87E-01	[illegible]+00	1.43E+00	-2.24E+00	-49.25	-6.80E-01	-1.81E[illegible]

	-19.[illegible]	[illegible]07E-05	1.37E-07	1.70E-05	-1.40E-04	5.28E-05	[illegible]E-04	6.03E-05	-8.08E-05				
24	372.00	[illegible].15E-01	3.03E-01	6.54E-01	-4.56E+00	6.61E-01	[illegible]+00	4.52E+00	-4.63E+00	-47.25	-4.15E-01	-4.56E[illegible]	
	-9.33	-2.24E-05	5.26E-06	2.03E-05	-3.51E-04	5.08E-05	3.73E-04	1.67E-04	-1.85E-04				
25	401.25	-2.03E-01	5.52E-02	7.46E-01	-1.51E+00	2.21E-01	2.04E+00	1.44E+00	-1.59E+00	-47.45	1.22E+00	-7.87E-01	
	-10.00	-1.44E-05	-4.42E-06	2.21E-05	-1.16E-04	1.70E-05	1.57E-04	4.99E-05	-6.78E-05				
26	427.67	-2.45E+00	-2.48E+00	-1.29E+00	-5.17E+00	8.93E-01	6.91E+00	2.70E+00	-7.63E+00	-44.91	-5.51E+00	-4.17E+00	
	-9.33	-2.60E-05	-2.72E-05	1.91E-05	-3.97E-04	6.91E-05	5.32E-04	1.72E-04	-2.25E-04				
27	457.00	-4.35E-01	-9.22E-01	-4.47E-01	-4.02E+00	-3.04E-02	4.33E+00	3.35E+00	-4.71E+00	-43.27	-4.35E-01	-4.02E+00	
	-303.00	3.66E-06	-1.85E-05	3.11E-06	-3.66E-04	-2.77E-06	3.53E-04	1.76E-04	-1.91E-04				
28	457.00	-3.45E-01	-7.22E-01	-1.64E-01	-3.76E+00	-1.94E-02	3.94E+00	3.24E+00	-4.30E+00	-43.57	-3.45E-01	-3.76E+00	
	-213.00	2.92E-07	-1.69E-05	8.54E-06	-3.42E-04	-1.76E-06	3.59E-04	1.63E-04	-1.80E-04				
29	457.00	-7.01E-01	-5.89E-01	2.96E-01	-3.04E+00	-1.82E-01	3.27E+00	2.40E+00	-3.69E+00	-45.53	-7.01E-01	-3.04E+00	
	-138.00	-1.07E-05	-8.17E-06	1.19E-05	-1.33E-04	-9.29E-06	1.49E-04	5.97E-05	-7.86E-05				
30	442.00	-1.43E+00	-3.24E+00	-1.34E+00	-5.20E+00	-1.67E-01	5.63E+00	2.94E+00	-7.62E+00	-40.07	-1.43E+00	-5.20E+00	
	-68.00	1.10E-05	-5.86E-05	1.45E-05	-4.00E-04	-1.28E-05	4.33E-04	1.79E-04	-2.27E-04				
31	457.33	6.05E+00	2.45E+00	3.94E+00	-1.78E+00	-2.79E+00	3.01E+00	6.78E+00	1.72E+00	-22.30	2.45E+00	1.78E+00	
	-88.00	9.72E-05	-4.14E-05	1.20E-05	-1.37E-04	-2.14E-04	2.32E-04	1.25E-04	-6.95E-05				
32	472.67	-1.05E+01	-9.63E+00	-7.61E+00	-4.42E+00	1.64E+00	7.14E+00	-5.60E+00	-1.45E+01	-47.71	-1.32E+01	-3.10E+00	
	-68.00	-9.81E-05	-6.58E-05	1.16E-05	-3.40E-04	1.26E-04	5.49E-04	8.90E-05	-2.53E-04				
33	443.00	-9.33E-01	-8.98E-01	9.55E-02	-2.71E+00	3.03E-01	2.74E+00	1.80E+00	-3.63E+00	-45.19	-9.33E-01	-2.71E+00	
	-19.80	-1.68E-05	-1.55E-05	2.27E-05	-2.09E-04	2.33E-05	2.11E-04	8.82E-05	-1.20E-04				
34	454.00	-8.49E+00	-6.84E+00	-5.45E+00	-6.70E+00	1.98E+00	8.82E+00	-9.15E-01	-1.44E+01	-48.51	-1.12E+01	-5.77E+00	
	-11.33	-9.81E-05	-3.47E-05	1.86E-05	-5.15E-04	1.52E-04	6.78E-04	1.93E-04	-3.26E-04				
35	461.67	-2.94E+00	-4.00E+00	-2.11E+00	-6.32E+00	5.02E-01	9.14E+00	2.88E+00	-9.81E+00	-42.60	-2.94E+00	-6.32E+00	
	-12.00	-1.36E-05	-5.44E-05	1.83E-05	-4.86E-04	3.86E-05	7.03E-04	2.10E-04	-2.78E-04				
36	469.00	5.09E+00	1.69E+00	3.44E+00	-6.23E-01	-2.47E+00	3.69E+00	5.20E+00	1.58E+00	-10.05	1.69E+00	6.23E-01	
	-30.00	8.36E-05	-4.73E-05	1.99E-05	-4.79E-05	-1.90E-04	2.84E-04	8.78E-05	-5.15E-05				
37	476.33	-4.76E+00	-6.72E+00	-3.88E+00	-4.37E+00	5.39E-01	7.55E+00	-1.27E+00	-1.02E+01	-38.67	-6.55E+00	-4.40E+00	
	-12.00	-1.43E-05	-8.98E-05	1.96E-05	-3.36E-04	4.15E-05	5.81E-04	1.20E-04	-2.24E-04				
38	558.50	1.07E-01	-3.45E-01	-2.11E-02	-3.72E+00	-1.41E-01	4.12E+00	3.61E+00	-3.85E+00	-43.26	1.07E-01	-3.72E+00	
	-303.00	8.23E-06	-1.23E-05	2.40E-06	-3.38E-04	-1.28E-05	3.75E-04	1.67E-04	-1.72E-04				
39	558.50	-1.48E-01	-9.30E-01	-2.48E-01	-3.71E+00	-2.85E-01	3.97E+00	3.19E+00	-4.27E+00	-41.99	-1.48E-01	-3.71E+00	
	-213.00	1.05E-05	-2.51E-05	5.95E-06	-3.37E-04	-2.59E-05	3.61E-04	1.62E-04	-1.77E-04				
40	506.17	1.69E-01	-2.20E+00	-3.27E-02	-8.29E+00	-7.23E-01	8.35E+00	7.36E+00	-9.39E+00	-40.93	1.69E-01	-8.29E+00	
	-128.00	1.47E-05	-3.92E-05	1.01E-05	-3.77E-04	-3.29E-05	3.80E-04	1.78E-04	-2.03E-04				
41	558.50	2.98E+00	-1.36E+00	7.73E-01	-3.65E+00	-2.25E+00	5.22E+00	5.06E+00	-3.44E+00	-29.63	-1.36E+00	3.65E+00	
	-148.00	5.52E-05	-4.35E-05	5.04E-06	-1.66E-04	-1.02E-04	2.37E-04	1.02E-04	-9.07E-05				
42	610.83	-4.72E-01	-2.31E+00	-5.71E-01	-7.12E+00	-1.55E+00	6.52E+00	5.79E+00	-8.57E+00	-41.32	-8.50E+00	9.82E-01	
	-128.00	6.86E-06	-3.49E-05	4.61E-06	-3.24E-04	-7.04E-05	2.97E-04	1.49E-04	-1.77E-04				
43	501.38	8.64E-01	-5.63E-02	8.39E-01	-1.91E+00	-7.91E-01	2.44E+00	2.37E+00	-1.56E+00	-38.22	8.64E-01	-1.91E+00	
	-78.00	1.51E-05	-2.03E-05	1.42E-05	-1.47E-04	-6.09E-05	1.88E-04	7.30E-05	-7.81E-05				
44	534.67	-1.33E+00	-1.89E+00	-9.56E-01	-6.10E+00	-4.95E-01	7.60E+00	4.49E+00	-7.71E+00	-43.68	-7.66E+00	7.81E-01	
	-68.00	-5.19E-06	-2.63E-05	9.08E-06	-4.69E-04	-3.81E-05	5.84E-04	2.19E-04	-2.51E-04				
45	584.67	1.03E+00	7.51E-02	7.45E-01	-5.62E+00	-1.60E+00	5.19E+00	6.19E+00	-5.08E+00	-42.56	1.03E+00	-5.62E+00	
	-68.00	1.93E-05	-1.75E-05	8.30E-06	-4.32E-04	-1.23E-04	3.99E-04	2.18E-04	-2.16E-04				
46	610.83	5.88E+00	9.63E-01	2.75E+00	-3.03E+00	-2.87E+00	4.21E+00	7.33E+00	-4.82E-01	-25.47	9.63E-01	3.03E+00	
	-88.00	1.21E-04	-6.85E-05	3.74E-07	-2.33E-04	-2.21E-04	3.24E-04	1.76E-04	-1.24E-04				
47	482.83	1.16E-01	-6.44E-01	6.42E-01	-1.40E+00	-7.57E-01	2.78E+00	1.19E+00	-1.72E+00	-37.42	1.16E-01	-1.40E+00	
	-21.00	3.21E-06	-2.60E-05	2.34E-05	-1.08E-04	-5.82E-05	2.14E-04	4.45E-05	-6.73E-05				
48	485.83	-2.90E+00	-4.41E+00	-2.27E+00	-4.03E+00	-1.10E-01	8.42E+00	4.48E-01	-7.76E+00	-39.70	-3.43E+00	-4.10E+00	
	-12.00	-6.27E-06	-6.43E-05	1.79E-05	-3.10E-04	-8.49E-06	6.48E-04	1.23E-04	-1.93E-04				
49	507.88	5.25E-02	-1.34E-01	7.28E-01	-1.52E+00	-4.84E-01	3.06E+00	1.48E+00	-1.56E+00	-43.24	5.25E-02	-1.52E+00	
	-21.00	-5.09E-06	-1.23E-05	2.09E-05	-1.17E-04	-3.72E-05	2.35E-04	4.99E-05	-6.72E-05				
50	538.67	-1.22E+00	-1.25E+00	-5.65E-01	-5.40E+00	-2.05E+00	6.55E+00	4.17E+00	-6.64E+00	-44.93	-6.61E+00	5.08E-01	
	-10.00	-1.36E-05	-1.47E-05	1.16E-05	-4.16E-04	-1.57E-04	5.04E-04	1.94E-04	-2.22E-04				
51	484.67	1.69E+01	1.16E+01	1.24E+01	3.71E-01	-1.25E+00	9.03E-01	1.69E+01	1.16E+01	4.04	1.16E+01	-3.71E-01	
	8.00	1.99E-04	-2.38E-06	2.83E-05	2.85E-05	-9.65E-05	6.94E-05	2.00E-04	-3.39E-06				
52	507.00	-3.98E+00	-4.89E+00	-2.73E+00	-2.69E+00	-9.43E-01	-2.66E+00	-1.71E+00	-7.16E+00	-40.21	-6.55E+00	-1.72E+00	
	9.00	-2.56E-05	-6.05E-05	2.24E-05	-2.07E-04	-7.25E-05	-2.04E-04	6.17E-05	-1.48E-04				
53	603.00	-3.96E-02	-8.99E-02	2.56E-02	-2.21E+00	-1.08E+00	2.14E+00	2.14E+00	-2.27E+00	-44.67	1.33E+00	-1.71E+00	
	-18.00	-3.82E-07	-2.32E-06	2.13E-06	-1.70E-04	-8.33E-05	1.45E-04	8.36E-05	-8.63E-05				
54	712.00	1.81E-01	-5.29E-01	-1.36E-01	-3.45E+00	-3.23E-01	3.38E+00	3.30E+00	-3.64E+00	-42.06	1.81E-01	-3.45E+00	
	-303.00	1.45E-05	-1.78E-05	8.75E-08	-3.14E-04	-2.94E-05	3.08E-04	1.56E-04	-1.59E-04				
55	712.00	1.90E+00	7.59E-01	1.00E+00	-3.77E+00	-1.03E+00	3.29E+00	5.16E+00	-2.47E+00	-40.85	1.90E+00	-3.77E+00	

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3704

	-213.00	3.83E-05	-1.18E-05	-2.48E-06	-3.43E-04	-4.37E-05	2.09E-04	1.37E-04	-1.60E-04				
56	712.00	2.71E+00	1.00E+00	7.83E-01	-2.61E+00	-2.43E+00	2.52E+00	4.82E+00	-1.02E+00	-36.96	2.71E+00	-2.31E+00	
	-138.00	3.75E-05	7.36E-07	-6.23E-06	-1.28E-04	-1.11E-04	1.14E-04	8.55E-05	-4.73E-05				
57	712.00	7.46E-01	-1.30E-01	-2.17E-02	-1.81E+00	-1.01E+00	2.06E+00	2.16E+00	-1.56E+00	-38.13	7.46E-01	-1.81E+00	
	-78.00	2.22E-05	-1.17E-05	-7.28E-06	-1.39E-04	-7.76E-05	1.58E-04	7.66E-05	-6.63E-05				
58	712.00	9.16E-01	4.14E-01	2.25E-01	-2.43E+00	-9.03E-01	2.35E+00	3.11E+00	-1.78E+00	-42.06	9.16E-01	-2.43E+00	
	-18.00	1.91E-05	-1.16E-06	-8.44E-06	-1.87E-04	-6.94E-05	1.81E-04	1.03E-04	-8.56E-05				
59	837.00	9.70E+00	5.28E+00	5.99E+00	-2.88E+00	-1.70E+00	2.83E+00	1.11E+01	3.86E+00	-26.23	5.28E+00	2.88E+00	
	-318.00	1.69E-04	-3.23E-05	.00E+00	-2.62E-04	-1.55E-04	2.58E-04	2.33E-04	-9.68E-05				
60	887.00	1.24E+00	-1.73E-01	4.27E-01	-7.68E+00	-7.04E-01	6.15E+00	8.25E+00	-7.18E+00	-42.37	-6.58E+00	2.99E+00	
	-298.00	3.70E-05	-2.73E-05	.00E+00	-6.99E-04	-6.40E-05	5.60E-04	3.56E-04	-3.46E-04				
61	987.00	-1.84E+00	-1.41E+00	-1.30E+00	-7.77E+00	2.95E-01	5.47E+00	6.15E+00	-9.39E+00	-45.79	-1.84E+00	-7.77E+00	
	-288.00	-2.45E-05	-4.96E-06	.00E+00	-7.06E-04	2.68E-05	4.97E-04	3.38E-04	-3.68E-04				
62	1037.00	9.42E+00	5.54E+00	5.98E+00	-5.66E+00	-1.29E+00	4.30E+00	1.35E+01	1.50E+00	-35.55	5.54E+00	5.66E+00	
	-318.00	1.56E-04	-2.01E-05	.00E+00	-5.14E-04	-1.17E-04	3.91E-04	3.40E-04	-2.04E-04				
63	862.00	1.64E-01	-5.91E-02	-2.41E-01	-3.89E+00	-2.67E-01	3.15E+00	3.95E+00	-3.84E+00	-44.18	1.64E-01	-3.84E+00	
	-213.00	9.23E-06	-9.21E-07	-9.19E-06	-3.54E-04	-2.42E-05	2.86E-04	1.81E-04	-1.73E-04				
64	1012.00	-5.52E-01	-4.79E-01	-7.29E-01	-4.16E+00	4.31E-02	3.09E+00	3.65E+00	-4.68E+00	-45.25	-5.52E-01	-4.16E+00	
	-213.00	-2.24E-06	1.07E-06	-1.03E-05	-3.79E-04	3.92E-06	2.81E-04	1.89E-04	-1.90E-04				
65	837.00	3.21E-01	1.15E-01	-7.80E-01	-3.00E+00	-1.18E+00	3.38E+00	3.22E+00	-2.79E+00	-44.02	1.15E-01	3.00E+00	
	-148.00	9.09E-06	4.42E-06	-1.59E-05	-1.37E-04	-5.38E-05	1.54E-04	7.51E-05	-6.16E-05				
66	937.00	6.00E-01	-2.10E-02	-6.40E-01	-5.15E+00	-5.94E-01	3.78E+00	5.45E+00	-4.87E+00	-43.28	-3.49E+00	3.52E+00	
	-128.00	1.40E-05	-1.57E-07	-1.42E-05	-2.34E-04	-2.70E-05	1.72E-04	1.24E-04	-1.10E-04				
67	1037.00	5.00E+00	8.74E-01	8.66E-01	-5.01E+00	-1.86E+00	4.48E+00	8.36E+00	-2.49E+00	-33.82	8.74E-01	5.01E+00	
	-148.00	7.83E-05	-1.55E-05	-1.57E-05	-2.28E-04	-8.43E-05	2.04E-04	1.55E-04	-9.18E-05				
68	837.00	1.70E+00	1.27E+00	7.26E-01	-5.61E+00	-1.17E+00	4.19E+00	7.10E+00	-4.13E+00	-43.92	1.70E+00	-5.61E+00	
	-68.00	2.46E-05	8.39E-06	-1.27E-05	-4.32E-04	-8.99E-05	3.22E-04	2.32E-04	-1.99E-04				
69	937.00	2.07E+00	-4.52E-01	-8.30E-02	-3.16E+00	-1.18E+00	2.76E+00	4.21E+00	-2.59E+00	-34.11	-4.52E-01	3.16E+00	
	-88.00	6.28E-05	-3.43E-05	-2.01E-05	-2.43E-04	-9.07E-05	2.12E-04	1.45E-04	-1.17E-04				
70	1037.00	-2.59E-01	-1.23E+00	-1.26E+00	-5.36E+00	3.11E-01	5.90E+00	4.64E+00	-6.13E+00	-42.41	-4.79E+00	3.55E+00	
	-68.00	2.02E-05	-1.72E-05	-1.82E-05	-4.12E-04	2.40E-05	4.54E-04	2.09E-04	-2.05E-04				
71	862.00	1.35E+00	6.48E-01	1.45E-01	-2.41E+00	-1.00E+00	2.29E+00	3.43E+00	-1.43E+00	-40.84	1.35E+00	-2.41E+00	
	-18.00	2.84E-05	1.35E-06	-1.80E-05	-1.85E-04	-7.71E-05	1.76E-04	1.08E-04	-7.87E-05				
72	1012.00	-4.48E-01	-7.71E-01	-1.23E+00	-2.63E+00	1.28E-01	1.99E+00	2.03E+00	-3.24E+00	-43.24	-4.48E-01	-2.63E+00	
	-18.00	9.65E-06	-2.78E-06	-2.03E-05	-2.02E-04	9.86E-06	1.93E-04	1.05E-04	-9.79E-05				
73	1387.00	-5.41E-01	-6.02E-01	-5.78E-01	-3.02E+00	-2.45E-02	1.70E+00	2.45E+00	-3.59E+00	-44.71	-5.41E-01	-3.02E+00	
	-303.00	-2.25E-06	-5.02E-06	-3.90E-06	-2.74E-04	-2.23E-06	1.55E-04	1.34E-04	-1.41E-04				
74	1387.00	-7.59E-02	9.01E-03	-4.03E-01	-3.22E+00	-1.12E-01	1.73E+00	3.19E+00	-3.25E+00	-45.38	-7.59E-02	-3.22E+00	
	-213.00	2.66E-06	6.52E-06	-1.22E-05	-2.93E-04	-1.02E-05	1.57E-04	1.51E-04	-1.42E-04				
75	1387.00	8.54E-02	-2.75E-01	-1.08E+00	-2.38E+00	-3.26E-01	1.14E+00	2.29E+00	-2.48E+00	-42.83	8.54E-02	-2.38E+00	
	-138.00	8.59E-06	3.92E-07	-1.79E-05	-1.08E-04	-1.48E-05	5.16E-05	2.88E-05	-4.98E-05				
76	1187.00	1.13E+00	7.92E-01	1.89E-01	-3.53E+00	-8.61E-01	7.53E-01	4.49E+00	-2.58E+00	-43.65	1.13E+00	-3.53E+00	
	-68.00	2.01E-05	7.30E-06	-1.59E-05	-2.72E-04	-6.63E-05	5.79E-05	1.50E-04	-1.22E-04				
77	1387.00	1.17E+00	8.01E-01	-1.06E-01	-1.92E+00	-6.27E-01	1.43E+00	2.91E+00	-9.40E-01	-42.26	8.01E-01	1.92E+00	
	-88.00	2.45E-05	1.03E-05	-2.46E-05	-1.47E-04	-4.83E-05	1.10E-04	9.14E-05	-5.66E-05				
78	1587.00	1.38E-01	1.89E-02	-7.18E-01	-2.31E+00	5.03E-02	5.65E-01	2.39E+00	-2.23E+00	-44.26	-8.65E-01	2.11E+00	
	-68.00	1.15E-05	6.89E-06	-2.15E-05	-1.78E-04	3.87E-06	4.34E-05	9.90E-05	-7.97E-05				
79	1237.00	1.51E+00	5.28E-01	-1.96E-02	-2.03E+00	-8.37E-01	1.12E+00	3.11E+00	-1.07E+00	-38.22	1.51E+00	-2.03E+00	
	-18.00	3.58E-05	-1.83E-06	-2.29E-05	-1.56E-04	-6.44E-05	8.58E-05	9.73E-05	-6.33E-05				
80	1433.80	9.04E-01	3.24E-01	-4.10E-01	-2.40E+00	-3.35E-01	8.17E-01	3.03E+00	-1.80E+00	-41.55	9.04E-01	-2.40E+00	
	-8.00	2.58E-05	3.48E-06	-2.48E-05	-1.84E-04	-2.58E-05	6.29E-05	1.07E-04	-7.82E-05				
81	1533.80	1.47E+00	3.52E-01	-1.57E-01	-1.44E+00	-2.20E-01	5.03E-01	2.45E+00	-6.31E-01	-34.37	3.52E-01	1.44E+00	
	-28.00	3.82E-05	-4.76E-06	-2.43E-05	-1.11E-04	-1.69E-05	3.87E-05	7.60E-05	-4.26E-05				
82	1633.80	1.46E+00	4.52E-01	-6.58E-02	-4.77E-01	8.21E-02	3.46E-02	1.65E+00	2.62E-01	-21.65	2.63E-01	2.55E-02	
	-8.00	3.59E-05	-2.95E-06	-2.28E-05	-3.67E-05	6.32E-06	2.66E-06	4.32E-05	-1.02E-05				
83	1433.80	6.23E+00	2.67E+00	2.54E+00	-1.60E+00	-1.83E+00	6.58E-01	6.85E+00	2.06E+00	-20.99	2.67E+00	1.60E+00	
	27.60	1.14E-04	-2.30E-05	-2.80E-05	-1.23E-04	-1.40E-04	5.06E-05	1.38E-04	-4.66E-05				
84	1206.10	2.20E+00	2.59E-01	8.64E-03	-1.75E+00	-9.20E-01	9.54E-01	3.23E+00	-7.71E-01	-30.49	1.33E+00	2.00E+00	
	40.70	5.75E-05	-1.72E-05	-2.67E-05	-1.34E-04	-7.08E-05	7.34E-05	9.70E-05	-5.68E-05				
85	1148.60	1.00E+00	-4.10E-01	-5.36E-01	-2.24E+00	-9.92E-01	1.99E-01	2.64E+00	-2.05E+00	-36.26	-1.67E+00	-1.28E+00	
	57.33	3.79E-05	-1.64E-05	-2.12E-05	-1.72E-04	-7.63E-05	1.53E-05	1.01E-04	-7.96E-05				
86	1131.40	[illegible].85E+00	3.84E+00	3.44E+00	-7.86E-01	-3.36E+00	1.[illegible]2E-02	8.00E+00	3.69E+00	-10.68	3.84E+00	7.86E-[illegible]	
	112.0[illegible]	[illegible].36E-04	-1.87E-05	-3.39E-05	-6.05E-05	-2.59E-04	[illegible]-06	1.41E-04	-2.44E-05				
87	1019.6[illegible]	[illegible].26E+00	5.83E-01	2.68E-01	-2.44E+00	-1.37E+00	[illegible]+00	4.00E+00	-1.16E+00	-35.52	5.83E-01	2.44[illegible]	

	34.67	[illegible]	-1.18E-05	-2.39E-05	-1.88E-04	-1.05E-04	[illegible]	1.20E-04	-7.88E-05				
88	886.60	[illegible]	2.38E-01	-1.64E-01	-1.92E+00	-6.15E-01	[illegible]	2.63E+00	-1.31E+00	-36.65	1.08E+00	-1.92E+0[illegible]	
	48.00	2.84E-05	-3.51E-06	-1.90E-05	-1.48E-04	-5.04E-05	1.64E-04	8.54E-05	-6.31E-05				
89	860.80	5.33E+00	2.31E+00	2.17E+00	-9.61E-01	-1.55E+00	6.04E-01	5.61E+00	2.02E+00	-16.25	2.31E+00	9.61E-01	
	96.00	9.71E-05	-1.89E-05	-2.43E-05	-7.39E-05	-1.50E-04	4.64E-05	1.08E-04	-2.96E-05				
90	952.60	7.85E-01	-2.62E+00	-1.54E+00	-3.04E+00	-9.57E-01	2.17E+00	2.57E+00	-4.40E+00	-30.38	-3.63E+00	2.19E+00	
	128.00	6.73E-05	-6.37E-05	-2.22E-05	-2.34E-04	-7.37E-05	1.67E-04	1.36E-04	-1.32E-04				
91	860.80	1.53E+00	2.57E-01	2.66E-02	-1.29E+00	-1.02E+00	3.39E-01	2.33E+00	-5.45E-01	-31.90	1.53E+00	-1.29E+00	
	160.00	3.88E-05	-1.00E-05	-1.89E-05	-9.92E-05	-7.87E-05	2.61E-05	6.97E-05	-4.09E-05				
92	860.80	7.19E+00	2.34E+00	2.66E+00	-6.24E-01	-3.66E+00	8.11E-01	7.27E+00	2.26E+00	-7.20	2.34E+00	6.24E-01	
	-203.60	1.43E-04	-4.41E-05	-3.16E-05	-4.80E-05	-2.81E-04	6.24E-05	1.46E-04	-4.72E-05				
93	598.67	-1.12E-01	-1.40E-01	-2.14E-01	-3.80E+00	-2.53E+00	4.54E+00	3.68E+00	-3.93E+00	-44.90	-1.40E-01	3.80E+00	
	16.00	8.05E-07	-2.62E-07	-3.10E-06	-2.93E-04	-1.95E-04	3.49E-04	1.47E-04	-1.46E-04				
94	645.75	7.23E-01	2.79E-01	2.40E-01	-2.43E+00	-1.04E+00	2.13E+00	2.94E+00	-1.94E+00	-42.39	7.23E-01	-2.43E+00	
	24.00	1.42E-05	-2.91E-06	-4.43E-06	-1.87E-04	-7.97E-05	1.64E-04	9.05E-05	-8.82E-05				
95	613.10	1.17E+00	1.63E+00	1.14E+00	-4.10E+00	-1.07E+00	2.49E-01	5.50E+00	-2.71E+00	-46.60	1.17E+00	-4.10E+00	
	60.33	1.71E-06	1.93E-05	5.86E-07	-3.15E-04	-8.21E-05	1.91E-05	1.68E-04	-1.47E-04				
96	708.45	1.38E+00	2.36E-01	2.10E-01	-1.95E+00	-1.06E+00	1.63E+00	2.84E+00	-1.23E+00	-36.85	1.47E+00	1.92E+00	
	56.00	3.30E-05	-1.10E-05	-1.20E-05	-1.50E-04	-8.19E-05	1.26E-04	8.92E-05	-6.72E-05				
97	613.10	4.09E+00	1.82E+00	1.86E+00	-1.24E+00	-3.44E+00	1.03E+00	4.64E+00	1.27E+00	-23.78	1.82E+00	1.24E+00	
	96.00	7.20E-05	-1.54E-05	-1.37E-05	-9.57E-05	-2.65E-04	7.92E-05	9.30E-05	-3.66E-05				
98	682.27	1.45E+00	3.35E-01	2.66E-01	-2.61E+00	-1.07E+00	1.64E+00	3.56E+00	-1.77E+00	-38.97	-1.48E+00	1.21E+00	
	112.00	3.32E-05	-9.64E-06	-1.23E-05	-2.01E-04	-8.25E-05	1.26E-04	1.14E-04	-9.07E-05				
99	751.43	4.40E+00	-1.40E+00	5.24E-01	-3.03E+00	-2.52E+00	4.00E+00	5.69E+00	-2.69E+00	-23.10	-1.40E+00	3.03E+00	
	96.00	1.31E-04	-9.26E-05	-1.86E-05	-2.33E-04	-1.94E-04	3.07E-04	1.80E-04	-1.42E-04				
100	683.25	1.19E+00	1.32E-01	7.58E-03	-9.90E-01	-8.25E-01	1.43E+00	1.79E+00	-4.60E-01	-30.90	1.19E+00	-9.90E-01	
	152.00	3.13E-05	-9.57E-06	-1.44E-05	-7.61E-05	-6.35E-05	1.10E-04	5.40E-05	-3.24E-05				
101	648.67	6.43E+00	3.00E+00	3.05E+00	-5.42E-01	-2.29E+00	8.27E-01	6.52E+00	2.91E+00	-8.76	3.00E+00	5.42E-01	
	192.00	1.10E-04	-2.19E-05	-1.98E-05	-4.17E-05	-1.76E-04	6.36E-05	1.13E-04	-2.51E-05				
102	725.25	9.09E-01	-6.33E-01	-5.04E-01	-1.12E+00	-6.22E-01	1.05E+00	1.50E+00	-1.22E+00	-27.76	7.67E-02	1.36E+00	
	232.70	3.75E-05	-2.19E-05	-1.69E-05	-8.63E-05	-4.78E-05	8.08E-05	6.02E-05	-4.46E-05				
103	635.50	1.01E+00	1.21E+00	4.24E-01	3.54E-02	-4.91E-01	-4.12E-01	1.22E+00	1.01E+00	80.23	1.01E+00	3.54E-02	
	256.00	9.86E-06	1.75E-05	-1.28E-05	2.72E-06	-3.78E-05	-3.17E-05	1.78E-05	9.62E-06				
104	635.50	2.18E+00	1.51E+00	7.00E-01	1.41E-01	-1.67E+00	5.96E-02	2.21E+00	1.48E+00	11.33	1.51E+00	-1.41E-01	
	290.67	3.57E-05	9.71E-06	-2.13E-05	1.09E-05	-1.28E-04	4.58E-06	3.68E-05	8.63E-06				
105	569.00	-5.93E-01	-2.54E-01	-1.35E-01	-4.06E+00	-1.40E+00	3.83E+00	3.64E+00	-4.48E+00	-46.20	-5.93E-01	-4.06E+00	
	16.50	-1.20E-05	1.03E-06	5.59E-06	-3.12E-04	-1.08E-04	2.94E-04	1.51E-04	-1.62E-04				
106	508.50	-7.34E+00	-4.97E+00	-4.58E+00	-2.75E+00	-3.22E+00	1.13E+00	-3.16E+00	-9.15E+00	-56.64	-4.97E+00	2.75E+00	
	13.00	-9.65E-05	-5.54E-06	9.28E-06	-2.11E-04	-2.48E-04	8.67E-05	6.41E-05	-1.66E-04				
107	521.00	-2.12E+00	-1.16E+00	-7.23E-01	-3.90E+00	-1.14E+00	2.09E+00	2.29E+00	-5.57E+00	-48.51	-2.12E+00	-3.90E+00	
	15.75	-3.75E-05	-5.75E-07	1.61E-05	-3.00E-04	-8.80E-05	1.60E-04	1.32E-04	-1.70E-04				
108	526.25	-1.83E+00	-9.85E-01	-6.39E-01	-4.31E+00	-9.75E-01	2.17E+00	2.92E+00	-5.74E+00	-47.79	-1.83E+00	-4.31E+00	
	21.00	-3.24E-05	3.77E-08	1.34E-05	-3.31E-04	-7.50E-05	1.67E-04	1.50E-04	-1.83E-04				
109	515.50	-4.52E+00	-3.11E+00	-2.91E+00	-5.25E+00	-2.29E+00	1.14E+00	1.48E+00	-9.10E+00	-48.83	-3.11E+00	5.25E+00	
	26.00	-5.79E-05	-3.69E-06	3.74E-06	-4.03E-04	-1.77E-04	8.77E-05	1.73E-04	-2.34E-04				
110	531.50	-6.90E-01	-5.78E-01	-2.29E-01	-3.54E+00	-6.97E-01	1.88E+00	2.90E+00	-4.17E+00	-45.45	-6.90E-01	-3.54E+00	
	34.50	-1.01E-05	-5.77E-06	7.63E-06	-2.72E-04	-5.36E-05	1.45E-04	1.28E-04	-1.44E-04				
111	515.50	2.83E+00	4.27E+00	3.27E+00	-1.02E+01	-5.56E-01	-4.98E-01	1.38E+01	-6.67E+00	-47.03	2.83E+00	-1.02E+01	
	44.00	-5.20E-06	5.04E-05	1.18E-05	-7.84E-04	-4.28E-05	-3.83E-05	4.16E-04	-3.70E-04				
112	515.50	1.37E+00	7.31E-01	8.65E-01	-2.37E+00	-1.35E+00	9.28E-01	3.44E+00	-1.35E+00	-41.19	7.31E-01	2.37E+00	
	53.33	2.00E-05	-4.43E-06	6.97E-07	-1.83E-04	-1.04E-04	7.14E-05	9.99E-05	-8.43E-05				
113	547.50	1.21E+00	-1.16E+00	4.57E-02	-3.86E+00	-8.10E-01	4.05E+00	4.07E+00	-4.01E+00	-36.45	-2.35E+00	3.27E+00	
	64.00	4.56E-05	-4.57E-05	6.56E-07	-2.97E-04	-6.23E-05	3.11E-04	1.55E-04	-1.55E-04				
114	515.50	3.21E+00	3.57E+00	2.81E+00	-4.23E+00	-3.14E-01	8.38E-01	7.62E+00	-8.47E-01	-46.21	3.21E+00	-4.23E+00	
	74.67	1.81E-05	3.19E-05	2.68E-06	-3.25E-04	-2.41E-05	6.45E-05	1.88E-04	-1.38E-04				
115	515.50	6.76E+00	4.16E+00	4.35E+00	-1.55E+00	-1.01E+00	8.81E-01	7.49E+00	3.44E+00	-25.00	4.16E+00	1.55E+00	
	88.00	9.23E-05	-7.69E-06	-6.79E-07	-1.19E-04	-7.78E-05	6.78E-05	1.20E-04	-3.55E-05				
116	547.50	3.64E+00	4.16E-03	1.43E+00	-4.87E+00	-6.84E-01	2.92E+00	7.02E+00	-3.37E+00	-34.76	-2.07E+00	3.44E+00	
	104.00	8.42E-05	-5.56E-05	-6.39E-07	-3.74E-04	-5.26E-05	2.25E-04	2.14E-04	-1.86E-04				
117	515.50	1.13E+00	1.01E+00	6.93E-01	-3.41E+00	-9.47E-02	1.45E+00	4.48E+00	-2.34E+00	-44.48	1.13E+00	-3.41E+00	
	120.00	1.25E-05	7.65E-06	-4.52E-06	-2.62E-04	-7.28E-06	1.11E-04	1.41E-04	-1.21E-04				
118	515.50	4.62E+00	2.73E+00	2.68E+00	-1.32E+00	-5.11E-01	7.41E-01	5.30E+00	2.05E+00	-27.22	2.73E+00	1.32E+00	
	136.00	6.74E-05	-5.15E-06	-7.09E-06	-1.01E-04	-3.93E-05	5.70E-05	9.35E-05	-3.12E-05				
119	547.50	3.19E+00	8.21E-01	1.36E+00	-3.18E+00	-3.58E-01	1.53E+00	5.40E+00	-1.38E+00	-34.77	-5.35E-01	2.24E+00	

	152.00	6.37E-05	-2.75E-05	-6.67E-06	-2.44E-04	-2.75E-05	1.17E-04	1.49E-04	-1.12E-04				
120	515.50	1.52E+00	1.13E+00	6.69E-01	-2.22E+00	-7.84E-02	7.00E-01	3.55E+00	-9.04E-01	-42.52	1.52E+00	-2.22E+00	
	168.00	2.19E-05	7.09E-06	-1.08E-05	-1.71E-04	-6.03E-06	5.39E-05	1.00E-04	-7.12E-05				
121	515.50	6.10E+00	3.67E+00	3.46E+00	-1.03E+00	-5.89E-01	5.50E-01	6.41E+00	3.30E+00	-20.13	3.67E+00	1.03E+00	
	184.00	8.02E-05	-4.25E-06	-1.22E-05	-7.91E-05	-4.53E-05	4.23E-05	1.04E-04	-1.87E-05				
122	547.50	1.85E+00	-1.36E+00	-2.24E-01	-3.58E+00	-3.17E-01	2.30E+00	4.17E+00	-3.68E+00	-32.94	-2.86E+00	2.41E+00	
	200.00	6.82E-05	-5.52E-05	-1.15E-05	-2.75E-04	-2.44E-05	1.77E-04	1.57E-04	-1.44E-04				
123	515.50	-9.42E-01	-1.66E+00	-1.63E+00	-1.59E+00	2.14E-01	9.57E-01	2.28E-01	-2.93E+00	-38.64	-9.42E-01	-1.59E+00	
	216.00	1.03E-05	-1.73E-05	-1.42E-05	-1.22E-04	1.65E-05	7.34E-05	5.91E-05	-6.61E-05				
124	515.50	1.84E+00	9.23E-01	5.30E-01	-4.16E-01	1.75E-01	3.66E-01	2.00E+00	7.63E-01	-21.07	9.23E-01	4.16E-01	
	232.00	3.46E-05	-7.18E-07	-1.58E-05	-3.20E-05	1.35E-05	2.81E-05	4.08E-05	-6.88E-06				
125	547.50	7.32E-01	1.12E-01	-2.05E-01	-8.42E-01	1.38E-01	1.42E+00	1.32E+00	-4.76E-01	-34.90	-2.48E-01	5.97E-01	
	248.00	2.11E-05	-2.72E-06	-1.49E-05	-6.48E-05	1.06E-05	1.09E-04	4.37E-05	-2.53E-05				
126	515.50	-1.76E+00	-2.61E+00	-2.40E+00	2.47E-01	4.78E-01	1.23E+00	-1.69E+00	-2.68E+00	14.99	-1.76E+00	2.47E-01	
	264.00	6.83E-06	-2.61E-05	-1.79E-05	1.90E-05	3.68E-05	9.45E-05	9.38E-06	-2.87E-05				
127	515.50	8.13E-01	3.75E-01	1.27E-03	-1.55E-01	9.06E-01	2.13E-01	8.63E-01	3.26E-01	-17.70	3.75E-01	1.55E-01	
	276.00	1.82E-05	1.37E-06	-1.30E-05	-1.20E-05	6.97E-05	1.64E-05	2.01E-05	-5.40E-07				
128	531.50	-7.80E-01	-4.84E-01	-1.06E+00	-8.40E-02	4.29E-01	1.24E-01	-4.62E-01	-8.02E-01	-75.25	-7.80E-01	-8.40E-02	
	297.00	-4.53E-06	6.89E-06	-1.51E-05	-6.46E-06	3.30E-05	9.56E-06	7.74E-06	-5.38E-06				
129	515.50	-3.38E+00	-2.90E+00	-3.11E+00	6.29E-01	4.58E-01	7.55E-01	-2.47E+00	-3.82E+00	55.45	-3.38E+00	6.29E-01	
	320.00	-2.69E-05	-8.46E-06	-1.62E-05	4.84E-05	3.52E-05	5.81E-05	8.19E-06	-4.36E-05				
183	565.50	-8.36E-02	-1.68E-01	3.03E-01	-6.05E+00	-1.83E+00	4.72E+00	5.92E+00	-6.17E+00	-44.80	-8.36E-02	-6.05E+00	
	-8.00	-3.78E-06	-7.03E-06	1.11E-05	-4.65E-04	-1.41E-04	3.63E-04	2.27E-04	-2.38E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.4856E+02	.3078E+03	-.1804E+03	-.6400E+02	-.1525E+03	.1026E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.9189E+01	-.4344E+01	-.2194E+01	-.5512E+02	.4085E+02	.5199E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.8770E+01	.1529E+01	-.1064E+01	-.8855E+02	.9281E+02	.9420E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1221E+02	-.2741E+01	-.3127E+00	-.1240E+03	.1446E+03	.1380E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1394E+02	.2131E+01	-.3386E+00	-.1603E+03	.1965E+03	.1855E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.5299E+00	.9920E+00	-.8732E+00	-.2170E+03	.2484E+03	.2428E+03
25	-.2817E+02	-.4598E+01	-.2505E+00	-.2715E+03	.2735E+03	.2988E+03
26	.2336E+02	.3075E+01	-.1832E+00	-.2931E+03	.2894E+03	.3398E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1367E+03	.2735E+02	-.5345E+01	-.299[illegible]	.3988E+03	.3729E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2755E+04	-.4663E+03	.1102E+02	-.4270E+03	.1058E+04	.5917E+03
40	-.1839E+04	-.2783E+03	-.1185E+02	-.3994E+03	.1045E+04	.5420E+03
41	-.3117E+04	-.1406E+03	-.2842E+02	-.3433E+03	.9476E+03	.4699E+03
42	-.2355E+03	-.1059E+02	-.2336E+02	-.2990E+03	.6753E+03	.4094E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2309E+04	.2930E+03	.1211E+02	-.5528E+02	.1113E+04	-.3143E+03
48	.1992E+04	.2548E+03	.1375E+02	-.1552E+03	.1026E+04	-.2247E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3903E+04	.5948E+03	.1831E+02	.1108E+02	.7532E+03	-.9274E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.9373E+01	-.2556E+02	.3831E+00	-.3016E+02	.1095E+04	-.2957E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2676E+04	.4066E+03	.1821E+02	-.3532E+02	.6088E+03	-.6709E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1978E+04	.2866E+03	.2443E+02	-.2937E+02	.5732E+03	-.8462E+03
66	.6522E+03	.1004E+03	.3078E+02	-.2417E+02	.4784E+03	-.8810E+03
67	-.1266E+04	-.1865E+03	.3092E+02	-.2527E+02	.3819E+03	-.8789E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2252E+04	-.3348E+03	.2611E+02	-.1314E+03	.2998E+03	-.6862E+03
76	.2419E+03	.3836E+02	.1819E+02	-.1681E+03	.1883E+03	-.8997E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.9507E+03	-.1419E+03	.1351E+02	-.1875E+03	.4884E+02	-.8679E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3958E+03	.5935E+02	.9824E+01	-.2443E+03	-.3815E+02	-.8482E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.5593E+04	-.5515E+02	.8775E+01	-.1964E+03	-.1590E+03	-.7835E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3549E+03	.5123E+02	.7319E+01	-.1733E+03	-.2328E+03	-.7151E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.4106E+03	-.6458E+02	.7459E+01	-.1713E+03	-.3341E+03	-.6442E+03
109	.2405E+03	.3242E+02	.6544E+01	-.1695E+03	-.4034E+03	-.5569E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.3460E+03	-.5642E+02	.6381E+01	-.1056E+03	-.4813E+03	-.4644E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2058E+03	-.2581E+02	.1502E+01	-.6381E+02	-.5195E+03	-.3683E+03
115	-.4093E+02	-.1138E+02	-.2495E-01	-.2314E+02	-.5257E+03	-.2675E+03
116	-.1886E+03	-.3424E+02	-.1620E+01	.3127E+01	-.5548E+03	-.2051E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1767E+03	-.3277E+02	-.3442E+01	-.2966E+02	-.5730E+03	-.1794E+03
119	-.1123E+03	-.2270E+02	-.5112E+01	.4665E+02	-.5232E+03	-.1059E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.3182E+03	-.4183E+02	-.1941E+02	.4610E+02	-.4571E+03	-.5772E+02
122	-.2712E+03	-.2103E+02	-.3292E+02	-.1694E+02	-.4428E+03	-.5630E+02
123	-.2072E+03	-.1413E+02	-.2896E+02	-.1232E+02	-.3875E+03	-.5085E+02
124	-.1527E+03	-.1016E+02	-.1996E+02	-.9103E+01	-.3198E+03	-.4644E+02
125	-.1016E+03	-.5296E+01	-.1462E+02	-.6424E+01	-.2651E+03	-.4223E+02
126	-.3375E+02	.5425E+01	-.1364E+02	-.3022E+01	-.2240E+03	-.3773E+02
127	.1657E+02	.1388E+02	-.1396E+02	-.6593E+00	-.1924E+03	-.3197E+02
128	.6832E+02	.2094E+02	-.1342E+02	.4874E+01	-.1273E+03	-.2545E+02
129	.7000E+02	.1828E+02	-.1136E+02	.7487E+01	-.7442E+02	-.1967E+02
130	.4912E+02	.1129E+02	-.8415E+01	.9102E+01	-.3524E+02	-.1558E+02
131	.1308E+02	.2054E+01	-.5749E+01	.7103E+01	-.1354E+02	-.1299E+02
132	-.1479E+01	-.9389E+00	-.4249E+01	.4544E+01	-.1371E+02	-.1115E+02
133	-.2468E+01	-.7717E+00	-.3884E+01	.3051E+01	-.1511E+02	-.9358E+01
134	-.6948E+00	-.2330E+00	-.3867E+01	.2328E+01	-.1269E+02	-.7355E+01
135	-.2743E-01	-.2108E-01	-.4348E+01	.1794E+01	-.8975E+01	-.5419E+01
136	.2517E-01	-.2443E-01	-.5772E+01	.1276E+01	-.5814E+01	-.3619E+01
137	.9875E-01	.3252E-01	-.9007E+01	.9408E+00	-.2635E+01	-.1982E+01
138	-.2274E-01	-.1888E+00	-.1442E+03	.6967E+00	.7175E+00	-.1010E+01
139	-.1409E+00	-.2284E+00	.3183E+02	.1039E+00	-.3895E+00	.4054E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .4900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.39485E-01	.21995E-03	-.39646E-01	.00000E+00
3	.72060E-01	.77761E-03	-.72050E-01	.00000E+00
4	.76127E-01	.78498E-03	-.77910E-01	.00000E+00
5	.84316E-01	-.14757E-04	-.84350E-01	.00000E+00
6	.95341E-01	-.14305E-05	-.95327E-01	.22474E-04
7	.87525E-01	.17412E-02	-.88735E-01	.00000E+00
8	.95621E-01	.13553E-02	-.95963E-01	.47967E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.39271E-01	.49448E-03	-.39694E-01	.00000E+00
11	.72525E-01	.10343E-02	-.73693E-01	.00000E+00
12	.80725E-01	.12959E-02	-.82196E-01	.00000E+00
13	.87521E-01	.10440E-02	-.88281E-01	.00000E+00
14	.96184E-01	.14738E-02	-.97651E-01	.11848E-04
15	.88643E-01	.27080E-02	-.92931E-01	.00000E+00
16	.97033E-01	.23250E-02	-.10042E+00	.20895E-05
[illegible]	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	.39639E-01	.76304E-03	-.41473E-01	.00000E+00

	.73908E-01	.15441E-02	-.77688E-01	.00000E+00
	.83462E-01	.19251E-02	-.87019E-01	.00000E+00
21	.89615E-01	.14546E-02	-.93721E-01	.00000E+00
22	.99190E-01	.18392E-02	-.10429E+00	.60765E-05
23	.91993E-01	.41362E-02	-.10163E+00	.00000E+00
24	.99640E-01	.37120E-02	-.10934E+00	.36322E-04
25	.10065E+00	.46396E-02	-.11259E+00	.18971E-05
26	.10124E+00	.44325E-02	-.11451E+00	-.44541E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.39604E-01	.14981E-02	-.43065E-01	.00000E+00
29	.75473E-01	.30221E-02	-.81777E-01	.00000E+00
30	.84426E-01	.35786E-02	-.92768E-01	.00000E+00
31	.92783E-01	.43108E-02	-.10334E+00	.00000E+00
32	.10186E+00	.51339E-02	-.11663E+00	.98339E-04
33	.92506E-01	.61180E-02	-.10348E+00	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.39265E-01	.20389E-02	-.43206E-01	.00000E+00
36	.75973E-01	.37294E-02	-.82792E-01	.00000E+00
37	.85333E-01	.42115E-02	-.92591E-01	.00000E+00
38	.95231E-01	.54193E-02	-.10731E+00	.00000E+00
39	.10307E+00	.72353E-02	-.12030E+00	-.52028E-04
40	.10287E+00	.74227E-02	-.11945E+00	.86430E-05
41	.10268E+00	.70313E-02	-.11866E+00	.48558E-04
42	.10235E+00	.62784E-02	-.11775E+00	.84763E-04
43	.84233E-01	.52320E-02	-.91110E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.36451E-01	.70748E-04	-.39729E-01	.00000E+00
46	.75477E-01	.33317E-02	-.79885E-01	.00000E+00
47	.10316E+00	.67581E-02	-.12063E+00	-.51891E-04
48	.10313E+00	.69911E-02	-.12058E+00	-.76586E-04
49	.95107E-01	.55659E-02	-.10643E+00	.00000E+00
50	.10409E+00	.69351E-02	-.12101E+00	-.22909E-03
51	.95766E-01	.60069E-02	-.10436E+00	.00000E+00
52	.10746E+00	.62249E-02	-.11427E+00	.00000E+00
53	.10324E+00	.64291E-02	-.12080E+00	-.15235E-04
54	.83733E-01	.34903E-02	-.85196E-01	.00000E+00
55	.94068E-01	.49935E-02	-.94124E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.31257E-01	.34942E-02	-.29570E-01	.00000E+00
58	.67236E-01	.23902E-02	-.56764E-01	.00000E+00
59	.10938E+00	.49250E-02	-.10873E+00	.00000E+00
60	.10761E+00	.59609E-02	-.11117E+00	.00000E+00
61	.10497E+00	.70132E-02	-.12130E+00	-.35417E-03
62	.79132E-01	.18324E-02	-.68550E-01	.00000E+00
63	.91311E-01	.19436E-02	-.82408E-01	.00000E+00
64	.10967E+00	.61385E-02	-.11581E+00	.00000E+00
65	.10617E+00	.70311E-02	-.12157E+00	-.44069E-03
66	.10915E+00	.70613E-02	-.12211E+00	-.53621E-03
67	.11237E+00	.70441E-02	-.12270E+00	-.51195E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.24545E-01	-.35935E-03	-.18013E-01	.00000E+00
70	.71001E-01	.71357E-03	-.58003E-01	.00000E+00
71	.10627E+00	.20495E-02	-.94818E-01	.00000E+00
72	.11262E+00	.59157E-02	-.11615E+00	.00000E+00
73	.87482E-01	.10644E-02	-.67042E-01	.00000E+00
74	.11052E+00	.61029E-02	-.12112E+00	.00000E+00
75	.11511E+00	.71057E-02	-.12321E+00	-.39066E-03
76	.11881E+00	.72469E-02	-.12419E+00	-.27450E-03
77	.10090E+00	.67238E-03	-.81012E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.29252E-01	.10249E-02	-.24030E-01	.00000E+00
80	.67641E-01	-.45577E-03	-.51835E-01	.00000E+00
81	.74809E-01	-.49050E-03	-.56625E-01	.00000E+00
82	.83946E-01	-.73430E-03	-.67544E-01	.00000E+00

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83	.11861E+00	.20374E-02	-.10512E+00	.00000E+00
84	.11132E+00	.41758E-03	-.50836E-01	.00000E+00
85	.12361E+00	.73256E-02	-.12542E+00	-.21992E-03
86	.12385E+00	.63184E-02	-.12439E+00	.00000E+00
87	.10149E+00	.67765E-04	-.77542E-01	.00000E+00
88	.12389E+00	.50293E-02	-.11611E+00	.00000E+00
89	.12522E+00	.75146E-02	-.12662E+00	-.17747E-03
90	.77761E-01	-.45097E-03	-.43099E-01	.00000E+00
91	.93530E-01	-.86153E-03	-.47481E-01	.00000E+00
92	.89768E-01	.52152E-03	-.50630E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.33570E-01	.00000E+00	-.18390E-01	.00000E+00
95	.61709E-01	.00000E+00	-.32772E-01	.00000E+00
96	.70689E-01	.00000E+00	-.37498E-01	.00000E+00
97	.73835E-01	.00000E+00	-.37182E-01	.00000E+00
98	.72570E-01	.00000E+00	-.36231E-01	.00000E+00
99	.79366E-01	.33304E-03	-.39739E-01	.00000E+00
100	.98609E-01	.80586E-03	-.59862E-01	.00000E+00
101	.11898E+00	.27312E-02	-.91620E-01	.00000E+00
102	.13040E+00	.77278E-02	-.12833E+00	-.15904E-03
103	.12442E+00	.32049E-02	-.10860E+00	.00000E+00
104	.13208E+00	.71779E-02	-.12869E+00	.00000E+00
105	.13352E+00	.78747E-02	-.12979E+00	-.13646E-03
106	.13023E+00	.38136E-02	-.11808E+00	.00000E+00
107	.13717E+00	.75994E-02	-.13084E+00	.00000E+00
108	.13708E+00	.80207E-02	-.13115E+00	-.12031E-03
109	.13968E+00	.81316E-02	-.13223E+00	-.11068E-03
110	.13799E+00	.82439E-02	-.12418E+00	.00000E+00
111	.14288E+00	.88576E-02	-.13452E+00	.00000E+00
112	.14247E+00	.82556E-02	-.13314E+00	-.98978E-04
113	.14174E+00	.73330E-02	-.12827E+00	.00000E+00
114	.14403E+00	.82068E-02	-.13373E+00	-.36846E-04
115	.14452E+00	.82311E-02	-.13416E+00	-.98286E-05
116	.14456E+00	.81058E-02	-.13422E+00	.98926E-05
117	.14375E+00	.91896E-02	-.13681E+00	.00000E+00
118	.14435E+00	.80983E-02	-.13425E+00	.25478E-04
119	.14364E+00	.80382E-02	-.13419E+00	.44173E-04
120	.14494E+00	.86702E-02	-.13650E+00	.00000E+00
121	.14225E+00	.78756E-02	-.13390E+00	.76918E-04
122	.14209E+00	.72304E-02	-.13404E+00	.93485E-04
123	.14185E+00	.66233E-02	-.13413E+00	.10664E-03
124	.14158E+00	.59305E-02	-.13423E+00	.12188E-03
125	.14121E+00	.51351E-02	-.13433E+00	.14018E-03
126	.14048E+00	.35970E-02	-.13448E+00	.16209E-03
127	.13969E+00	.19343E-02	-.13463E+00	.16617E-03
128	.13816E+00	-.14224E-02	-.13494E+00	.13812E-03
129	.13709E+00	-.40593E-02	-.13522E+00	.93549E-04
130	.13643E+00	-.57765E-02	-.13552E+00	.40861E-04
131	.13636E+00	-.60392E-02	-.13599E+00	-.16934E-04
132	.13676E+00	-.48529E-02	-.13640E+00	-.31997E-04
133	.13712E+00	-.35978E-02	-.13676E+00	-.24690E-04
134	.13733E+00	-.26977E-02	-.13706E+00	-.17352E-04
135	.13746E+00	-.20273E-02	-.13730E+00	-.14461E-04
136	.13755E+00	-.13373E-02	-.13748E+00	-.14723E-04
137	.13760E+00	-.78533E-03	-.13758E+00	-.14323E-04
138	.13764E+00	-.12259E-03	-.13764E+00	-.15829E-04
139	.13764E+00	-.14279E-04	-.13764E+00	-.15066E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .4900E+01

ELM	R-DRO	TRESS	Z-STRESS	T-STRESS	RZ-STRESS	RT-STRESS	SS MAX-STRESS	MIN-STRESS	ANGLE IN	JK-STRESS	JK-SH
	Z-D	STRAIN	Z-STRAIN	T-STRAIN	RZ-STRAIN	RT-STRAIN	ATN MAX-STRAIN	MIN-STRAIN	RZ-PLANE		

1	72.00	[illegible]62E-02	1.40E-01	7.82E-03	4.52E+00	2.05E-02	[illegible]+00	4.01E+00	-4.74E+00	45.31	3.62E-02	4.82E[illegible]
	-303.00	-7.44E-07	3.97E-06	-2.03E-06	4.30E-04	1.87E-06	-4.43E-04	2.21E-04	-2.18E-04			
2	72.00	7.17E-02	1.93E-01	-8.06E-02	4.05E+00	2.00E-03	-4.16E+00	4.18E+00	-3.91E+00	45.43	7.17E-02	4.05E+00
	-213.00	8.71E-07	6.38E-06	-6.05E-06	3.69E-04	1.82E-07	-3.78E-04	1.88E-04	-1.80E-04			
3	72.00	6.30E-01	2.31E-01	-2.07E-01	2.69E+00	-2.74E-01	-2.93E+00	3.13E+00	-2.27E+00	42.88	6.30E-01	2.69E+00
	-138.00	1.09E-05	1.82E-06	-9.13E-06	1.22E-04	-1.25E-05	-1.33E-04	6.77E-05	-5.50E-05			
4	24.00	3.39E+00	1.95E+00	2.47E+00	5.03E+00	-9.10E-01	-5.56E+00	7.76E+00	-2.41E+00	40.94	3.39E+00	5.03E+00
	-68.00	4.46E-05	-1.07E-05	9.06E-06	3.87E-04	-7.00E-05	-4.28E-04	2.13E-04	-1.79E-04			
5	72.00	-1.10E+00	-6.47E-01	-1.44E+00	2.24E+00	6.54E-02	-2.36E+00	1.34E+00	-3.17E+00	48.45	-6.47E-01	-2.24E+00
	-88.00	-9.68E-06	1.11E-05	-1.95E-05	1.72E-04	5.33E-06	-1.81E-04	8.75E-05	-8.60E-05			
6	120.00	-6.62E-01	-6.86E-01	-9.64E-01	4.25E+00	2.34E-01	-4.19E+00	3.57E+00	-4.92E+00	44.92	3.50E+00	-7.77E-01
	-68.00	-6.19E-08	-9.75E-07	-1.17E-05	3.27E-04	1.80E-05	-3.23E-04	1.63E-04	-1.64E-04			
7	36.25	1.16E+00	4.36E-01	2.43E-01	2.42E+00	-3.14E-01	-2.31E+00	3.25E+00	-1.65E+00	40.77	1.07E+00	2.43E+00
	-19.00	2.43E-05	-3.40E-06	-1.08E-05	1.86E-04	-2.42E-05	-1.78E-04	1.05E-04	-8.38E-05			
8	108.00	-1.32E-01	-2.23E-01	-4.61E-01	1.83E+00	2.21E-03	-2.03E+00	1.65E+00	-2.00E+00	44.29	-1.32E-01	1.83E+00
	-19.00	3.98E-06	3.79E-07	-8.75E-06	1.40E-04	1.70E-07	-1.56E-04	7.24E-05	-6.81E-05			
9	216.00	2.78E-01	6.04E-01	1.92E-01	4.83E+00	-3.92E-02	-4.98E+00	5.17E+00	-4.49E+00	45.37	2.78E-01	4.83E+00
	-303.00	1.28E-06	7.01E-06	-2.61E-06	4.39E-04	-3.56E-06	-4.52E-04	2.24E-04	-2.16E-04			
10	216.00	3.79E-01	6.17E-01	6.23E-02	4.16E+00	-1.28E-01	-4.34E+00	4.55E+00	-3.76E+00	45.13	3.79E-01	4.16E+00
	-213.00	6.09E-06	7.81E-06	-8.32E-06	3.78E-04	-1.17E-05	-3.95E-04	1.96E-04	-1.82E-04			
11	216.00	5.98E-01	3.47E-01	-4.31E-01	3.19E+00	-3.97E-01	-3.42E+00	3.67E+00	-2.72E+00	43.87	5.98E-01	3.19E+00
	-138.00	1.09E-05	5.20E-06	-1.25E-05	1.45E-04	-1.81E-05	-1.56E-04	8.07E-05	-6.46E-05			
12	168.00	1.57E+00	1.56E+00	9.47E-01	4.92E+00	-7.31E-01	-5.06E+00	6.48E+00	-3.35E+00	44.97	1.57E+00	4.92E+00
	-68.00	1.56E-05	1.51E-05	-8.34E-06	3.78E-04	-5.62E-05	-3.89E-04	2.04E-04	-1.74E-04			
13	216.00	-1.58E+00	-6.18E-01	-1.62E+00	2.04E+00	-6.82E-02	-2.04E+00	1.01E+00	-3.18E+00	51.40	-6.18E-01	-2.04E+00
	-88.00	-1.79E-05	1.78E-05	-2.07E-05	1.57E-04	-5.25E-06	-1.57E-04	8.05E-05	-8.06E-05			
14	264.00	-1.31E-01	-6.34E-01	-9.22E-01	4.16E+00	7.73E-02	-4.28E+00	3.78E+00	-4.55E+00	43.27	3.66E+00	-9.97E-01
	-68.00	1.35E-05	-5.65E-06	-1.69E-05	3.20E-04	5.95E-06	-3.30E-04	1.64E-04	-1.56E-04			
15	180.00	4.05E-01	7.52E-02	-3.09E-01	2.14E+00	-4.91E-01	-2.03E+00	2.39E+00	-1.91E+00	42.80	4.05E-01	2.14E+00
	-19.00	1.37E-05	1.01E-06	-1.38E-05	1.65E-04	-3.78E-05	-1.56E-04	9.01E-05	-7.54E-05			
16	252.00	2.59E-01	-1.12E-01	-5.86E-01	1.74E+00	-1.90E-01	-2.13E+00	1.82E+00	-1.68E+00	41.96	2.59E-01	1.74E+00
	-19.00	1.48E-05	5.31E-07	-1.77E-05	1.34E-04	-1.46E-05	-1.64E-04	7.49E-05	-5.96E-05			
17	361.00	3.82E-01	6.61E-01	3.04E-01	4.87E+00	-1.96E-02	-5.18E+00	5.39E+00	-4.35E+00	45.82	3.82E-01	4.87E+00
	-303.00	-1.18E-07	1.25E-05	-3.67E-06	4.43E-04	-1.79E-06	-4.71E-04	2.28E-04	-2.15E-04			
18	361.00	4.53E-01	6.24E-01	1.03E-01	4.37E+00	-9.78E-02	-4.63E+00	4.91E+00	-3.83E+00	45.56	4.53E-01	4.37E+00
	-213.00	5.24E-06	1.31E-05	-1.06E-05	3.97E-04	-8.89E-06	-4.21E-04	2.08E-04	-1.89E-04			
19	361.00	6.51E-01	4.88E-01	-5.64E-01	3.45E+00	-3.94E-01	-3.88E+00	4.02E+00	-2.89E+00	44.32	6.51E-01	3.45E+00
	-138.00	1.18E-05	8.07E-06	-1.58E-05	1.57E-04	-1.79E-05	-1.77E-04	8.84E-05	-6.86E-05			
20	312.00	2.74E+00	2.35E+00	1.52E+00	5.58E+00	-1.24E+00	-6.15E+00	8.14E+00	-3.04E+00	43.99	2.74E+00	5.58E+00
	-68.00	3.29E-05	1.78E-05	-1.43E-05	4.30E-04	-9.55E-05	-4.73E-04	2.40E-04	-1.90E-04			
21	360.67	-2.51E+00	-1.47E+00	-2.43E+00	2.68E+00	6.59E-02	-3.01E+00	7.45E-01	-4.72E+00	50.49	-1.47E+00	-2.68E+00
	-88.00	-2.61E-05	1.40E-05	-2.31E-05	2.06E-04	5.07E-06	-2.32E-04	9.91E-05	-1.11E-04			
22	409.33	1.53E+00	2.12E+00	7.17E-01	5.29E+00	-3.54E-02	-6.61E+00	7.12E+00	-3.48E+00	46.60	7.06E+00	-8.05E-01
	-68.00	1.08E-05	3.35E-05	-2.04E-05	4.07E-04	-2.73E-06	-5.09E-04	2.26E-04	-1.82E-04			
23	324.00	8.64E-01	1.66E-01	-4.18E-01	2.23E+00	-8.74E-01	-2.16E+00	2.77E+00	-1.74E+00	40.55	8.64E-01	2.23E+00
	-19.00	2.65E-05	-3.42E-07	-2.28E-05	1.71E-04	-6.73E-05	-1.66E-04	9.98E-05	-7.37E-05			
24	372.00	5.33E-01	-3.52E-01	-8.71E-01	5.70E+00	-8.35E-01	-6.06E+00	5.81E+00	-5.63E+00	42.78	5.33E-01	5.70E+00
	-9.33	2.81E-05	-5.95E-06	-2.59E-05	4.38E-04	-6.43E-05	-4.66E-04	2.31E-04	-2.09E-04			
25	401.25	2.32E-01	-8.37E-02	-9.70E-01	1.88E+00	-2.89E-01	-2.53E+00	1.96E+00	-1.81E+00	42.60	-1.54E+00	9.75E-01
	-19.00	1.80E-05	5.82E-06	-2.83E-05	1.44E-04	-2.22E-05	-1.94E-04	8.44E-05	-6.06E-05			
26	427.67	2.91E+00	2.88E+00	1.42E+00	6.41E+00	-1.13E+00	-8.59E+00	9.30E+00	-3.51E+00	44.93	6.69E+00	5.15E+00
	-9.33	3.27E-05	3.15E-05	-2.47E-05	4.93E-04	-8.69E-05	-6.61E-04	2.78E-04	-2.14E-04			
27	457.00	4.55E-01	9.75E-01	4.47E-01	4.89E+00	2.77E-02	-5.29E+00	5.61E+00	-4.18E+00	46.52	4.55E-01	4.89E+00
	-303.00	-3.65E-06	1.99E-05	-4.05E-06	4.45E-04	2.52E-06	-4.81E-04	2.31E-04	-2.15E-04			
28	457.00	3.95E-01	7.43E-01	1.09E-01	4.59E+00	-1.47E-02	-4.85E+00	5.17E+00	-4.03E+00	46.09	3.95E-01	4.59E+00
	-213.00	1.75E-06	1.76E-05	-1.12E-05	4.18E-04	-1.34E-06	-4.41E-04	2.19E-04	-1.95E-04			
29	457.00	9.44E-01	6.52E-01	-4.20E-01	3.68E+00	1.45E-01	-3.99E+00	4.48E+00	-2.88E+00	43.86	9.44E-01	3.68E+00
	-138.00	1.53E-05	8.65E-06	-1.57E-05	1.67E-04	6.59E-06	-1.81E-04	9.56E-05	-7.17E-05			
30	442.00	1.59E+00	3.62E+00	1.40E+00	6.35E+00	1.67E-01	-7.01E+00	9.04E+00	-3.83E+00	49.55	1.59E+00	6.35E+00
	-68.00	-1.16E-05	6.67E-05	-1.89E-05	4.89E-04	1.28E-05	-5.39E-04	2.75E-04	-2.20E-04			
31	457.33	-7.42E+00	-3.15E+00	-4.81E+00	2.18E+00	3.38E+00	-3.71E+00	-2.24E+00	-8.33E+00	67.25	-3.15E+00	-2.18E+00
	-88.00	-1.16E-04	4.70E-05	-1.59E-05	1.67E-04	2.60E-04	-2.86E-04	8.30E-05	-1.52E-04			
32	472.67	1.26E+01	1.13E+01	8.99E+00	5.43E+00	-2.06E+00	-8.85E+00	1.74E+01	6.46E+00	41.46	1.60E+01	3.71E+00

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	-68.00	1.24E-04	7.20E-05	-1.54E-05	4.19E-04	-1.59E-04	-6.81E-04	3.08E-04	-1.12E-04				
33	443.00	1.11E+00	9.94E-01	-2.02E-01	3.29E+01	-4.02E-01	-3.30E+00	4.34E+00	-2.24E+00	44.52	1.11E+00	3.29E+00	
	-10.50	2.19E-05	1.76E-05	-2.92E-05	2.53E-04	-3.09E-05	-2.61E-04	1.46E-04	-1.07E-04				
34	454.00	1.02E+01	5.09E+00	6.45E+00	8.23E+00	-2.45E+00	-1.05E+01	1.75E+01	8.54E-01	41.30	1.35E+01	7.07E+00	
	-11.33	1.21E-04	3.50E-05	-2.42E-05	6.33E-04	-1.89E-04	-5.40E-04	3.99E-04	-2.35E-04				
35	461.67	3.23E+00	4.35E+00	2.17E+00	7.79E+00	-6.28E-01	-1.13E+01	1.16E+01	-4.01E+00	47.06	3.23E+00	7.79E+00	
	-12.00	1.72E-05	6.02E-05	-2.38E-05	5.99E-04	-4.83E-05	-6.71E-04	3.39E-04	-2.62E-04				
36	465.00	-6.21E+00	-2.17E+00	-4.29E+00	7.49E-01	2.99E+00	-4.53E+00	-2.04E+00	-6.34E+00	79.81	-2.17E+00	-7.49E-01	
	-30.00	-9.95E-05	5.56E-05	-2.58E-05	5.76E-05	2.30E-04	-3.49E-04	6.08E-05	-1.05E-04				
37	476.33	5.45E+00	7.57E+00	4.32E+00	5.36E+00	-6.75E-01	-9.33E+00	1.20E+01	1.09E+00	50.85	7.63E+00	5.36E+00	
	-12.00	1.79E-05	1.03E-04	-2.54E-05	4.12E-04	-5.19E-05	-7.17E-04	2.71E-04	-1.50E-04				
38	558.50	-2.03E-01	2.59E-01	-7.73E-02	4.56E+00	1.57E-01	-5.08E+00	4.59E+00	-4.53E+00	46.45	-2.03E-01	4.56E+00	
	-303.00	-8.96E-06	1.21E-05	-3.23E-06	4.14E-04	1.43E-05	-4.62E-04	2.09E-04	-2.06E-04				
39	558.50	1.37E-01	9.66E-01	1.87E-01	4.54E+00	3.14E-01	-4.02E+00	5.11E+00	-4.01E+00	47.61	1.37E-01	4.54E+00	
	-213.00	-1.05E-05	2.72E-05	-8.26E-06	4.13E-04	2.86E-05	-4.47E-04	2.16E-04	-1.99E-04				
40	506.17	-1.33E-01	2.34E+00	-1.10E-01	1.02E+01	7.12E-01	-1.04E+01	1.14E+01	-9.17E+00	48.45	-1.33E-01	1.02E+01	
	-128.00	-1.40E-05	4.21E-05	-1.35E-05	4.63E-04	3.23E-05	-4.73E-04	2.47E-04	-2.19E-04				
41	558.50	-3.42E+00	1.46E+00	-1.04E+00	4.43E+00	2.56E+00	-6.30E+00	4.08E+00	-6.04E+00	59.44	1.46E+00	-4.43E+00	
	-148.00	-6.21E-05	4.90E-05	-7.89E-06	2.01E-04	1.16E-04	-2.87E-04	1.08E-04	-1.22E-04				
42	610.83	5.23E-01	2.47E+00	4.86E-01	8.76E+00	1.82E+00	-8.13E+00	1.03E+01	-7.32E+00	48.18	1.02E+01	-1.36E+00	
	-128.00	-6.38E-06	3.80E-05	-7.22E-06	3.98E-04	8.26E-05	-3.70E-04	2.16E-04	-1.85E-04				
43	501.38	-1.02E+00	-5.77E-02	-1.11E+00	2.34E+00	9.90E-01	-3.00E+00	1.85E+00	-2.93E+00	50.79	-1.02E+00	2.34E+00	
	-78.00	-1.51E-05	2.18E-05	-1.87E-05	1.80E-04	6.64E-05	-2.31E-04	9.52E-05	-8.85E-05				
44	534.67	1.53E+00	2.03E+00	9.53E-01	7.43E+00	5.44E-01	-9.19E+00	9.21E+00	-5.66E+00	45.96	9.14E+00	-1.04E+00	
	-68.00	9.22E-06	2.84E-05	-1.29E-05	5.72E-04	4.18E-05	-7.07E-04	3.05E-04	-2.67E-04				
45	584.67	-1.32E+00	-2.66E-01	-1.06E+00	6.96E+00	1.85E+00	-6.51E+00	6.19E+00	-7.77E+00	47.16	-1.32E+00	6.96E+00	
	-68.00	-2.16E-05	1.89E-05	-1.18E-05	5.35E-04	1.42E-04	-5.01E-04	2.67E-04	-2.70E-04				
46	610.83	-7.22E+00	-1.38E+00	-3.53E+00	3.74E+00	3.47E+00	-5.22E+00	4.42E-01	-9.05E+00	63.98	-1.38E+00	-3.74E+00	
	-88.00	-1.44E-04	8.01E-05	-2.40E-06	2.88E-04	2.67E-04	-4.02E-04	1.50E-04	-2.15E-04				
47	482.63	-2.37E-01	5.85E-01	-9.56E-01	1.72E+00	9.03E-01	-3.42E+00	1.94E+00	-1.60E+00	51.71	-2.37E-01	1.72E+00	
	-21.00	-2.43E-06	2.92E-05	-3.01E-05	1.32E-04	6.95E-05	-2.63E-04	8.14E-05	-5.47E-05				
48	485.83	3.08E+00	4.70E+00	2.26E+00	4.98E+00	1.30E-01	-1.04E+01	8.94E+00	-1.16E+00	49.61	3.73E+00	5.05E+00	
	-12.00	8.10E-06	7.04E-05	-2.33E-05	3.83E-04	9.99E-06	-7.99E-04	2.33E-04	-1.55E-04				
49	507.88	-1.16E-01	-9.54E-03	-1.03E+00	1.87E+00	5.46E-01	-3.74E+00	1.81E+00	-1.93E+00	45.82	-1.16E-01	1.87E+00	
	-21.00	8.28E-06	1.24E-05	-2.70E-05	1.44E-04	4.20E-05	-2.88E-04	8.22E-05	-6.15E-05				
50	538.67	1.40E+00	1.28E+00	4.91E-01	6.62E+00	2.43E+00	-8.00E+00	7.96E+00	-5.26E+00	44.73	7.93E+00	-7.02E-01	
	-10.00	1.91E-05	1.43E-05	-1.60E-05	5.09E-04	1.87E-04	-6.15E-04	2.71E-04	-2.38E-04				
51	484.67	-2.10E+01	-1.46E+01	-1.56E+01	-4.76E-01	1.56E+00	-1.12E+00	-1.45E+01	-2.11E+01	-85.83	-1.46E+01	4.76E-01	
	8.00	-2.47E-04	2.33E-06	-3.60E-05	-3.66E-05	1.20E-04	-8.60E-05	3.66E-06	-2.49E-04				
52	509.00	5.00E+00	6.13E+00	3.40E+00	3.39E+00	1.11E+00	3.06E+00	9.00E+00	2.13E+00	49.74	8.24E+00	2.16E+00	
	9.00	3.26E-05	7.62E-05	-2.90E-05	2.61E-04	8.55E-05	2.35E-04	1.86E-04	-7.77E-05				
53	603.00	4.02E-02	1.82E-02	-1.51E-01	2.74E+00	1.23E+00	-2.64E+00	2.77E+00	-2.71E+00	44.89	-1.67E+00	2.15E+00	
	-18.00	2.56E-06	1.72E-06	-4.79E-06	2.11E-04	9.46E-05	-2.03E-04	1.07E-04	-1.03E-04				
54	712.00	-2.98E-01	5.17E-01	7.04E-02	4.26E+00	3.79E-01	-4.25E+00	4.39E+00	-4.17E+00	47.73	-2.98E-01	4.26E+00	
	-303.00	-1.73E-05	1.97E-05	-5.59E-07	3.89E-04	3.44E-05	-3.86E-04	1.96E-04	-1.93E-04				
55	712.00	-2.36E+00	-1.11E+00	-1.34E+00	4.67E+00	1.20E+00	-4.15E+00	2.98E+00	-6.45E+00	48.80	-2.36E+00	4.67E+00	
	-213.00	-4.48E-05	1.20E-05	1.57E-06	4.25E-04	1.09E-04	-3.77E-04	1.98E-04	-2.31E-04				
56	712.00	-3.21E+00	-1.45E+00	-1.09E+00	3.51E+00	2.80E+00	-3.22E+00	1.29E+00	-5.95E+00	52.05	-3.21E+00	3.51E+00	
	-138.00	-4.28E-05	-2.74E-06	5.33E-06	1.59E-04	1.27E-04	-1.46E-04	5.94E-05	-1.05E-04				
57	712.00	-9.12E-01	6.29E-02	-1.10E-01	2.24E+00	1.15E+00	-2.52E+00	1.87E+00	-2.71E+00	51.14	-9.12E-01	2.24E+00	
	-78.00	-2.45E-05	1.30E-05	6.31E-06	1.72E-04	8.82E-05	-1.94E-04	8.23E-05	-9.39E-05				
58	712.00	-1.13E+00	-6.11E-01	-4.28E-01	3.02E+00	1.01E+00	-2.99E+00	2.16E+00	-3.90E+00	47.45	-1.13E+00	3.02E+00	
	-18.00	-1.96E-05	3.12E-07	7.36E-06	2.32E-04	7.81E-05	-2.30E-04	1.07E-04	-1.26E-04				
59	837.00	-1.20E+01	-6.61E+00	-7.47E+00	3.56E+00	2.17E+00	-3.61E+00	-4.85E+00	-1.36E+01	63.66	-6.61E+00	-3.56E+00	
	-318.00	-2.08E-04	3.87E-05	.00E+00	3.24E-04	1.97E-04	-3.29E-04	1.19E-04	-2.89E-04				
60	887.00	-1.60E+00	5.91E-02	-6.17E-01	9.54E+00	8.47E-01	-8.02E+00	8.80E+00	-1.03E+01	67.49	8.04E+00	-3.76E+00	
	-288.00	-4.47E-05	3.07E-05	.00E+00	8.67E-04	7.70E-05	-7.29E-04	4.28E-04	-4.42E-04				
61	987.00	2.22E+00	1.61E+00	1.53E+00	9.68E+00	-4.41E-01	-7.34E+00	1.16E+01	-7.77E+00	44.09	2.22E+00	9.68E+00	
	-288.00	3.14E-05	3.40E-06	.00E+00	8.80E-04	-4.01E-05	-6.67E-04	4.57E-04	-4.23E-04				
62	1037.00	-1.19E+01	-7.08E+00	-7.58E+00	7.08E+00	1.76E+10	-5.87E+00	-2.00E+00	-1.69E+01	54.35	-7.08E+00	-7.09E+00	
	-318.00	-1.95E-04	2.28E-05	.00E+00	6.43E-04	1.60E-04	-5.34E-04	2.53E-04	-4.26E-04				
63	862.00	-2.50E-01	-3.70E-02	1.68E-01	4.84E+00	2.77E-01	-4.13E+00	4.69E+00	-4.98E+00	45.63	-2.50E-01	4.84E+00	
	-213.00	6.82E-06	-1.30E-07	9.19E-06	4.40E-04	2.52E-05	-[illegible]E-04	2.15E-04	-2.25E-04				
64	1012.0[illegible]	[illegible].39E-01	4.01E-01	7.61E-01	5.19E+00	-1.05E-01	[illegible]+00	5.76E+00	-4.63E+00	44.59	6.39E-01	5.19[illegible]	

	-213.0	[illegible].49E-06	-2.23E-06	1.60E-05	4.72E-04	-9.52E-06	[illegible]E-04	2.37E-04	-2.35E-04					
65	837.00	[illegible].3EE-02	-2.46E-01	7.05E-01	3.70E+00	8.42E-01	[illegible]E+00	3.55E+00	-3.86E+00	44.30	-2.46E-01	-3.70E[illegible]		
	-148.00	-4.00E-04	-8.13E-04	1.66E-05	1.68E-04	3.83E-05	-1.97E-04	7.81E-05	-9.02E-05					
66	937.00	-6.50E-01	-7.77E-02	6.73E-01	6.44E+00	5.65E-01	-5.06E+00	6.08E+00	-6.81E+00	46.29	4.28E+00	-4.46E+00		
	-128.00	-1.41E-05	-9.06E-07	1.39E-05	2.93E-04	2.59E-05	-2.30E-04	1.39E-04	-1.54E-04					
67	1037.00	-6.06E+00	-1.15E+00	-1.29E+00	6.21E+00	2.13E+00	-5.76E+00	3.08E+00	-1.03E+01	55.78	-1.15E+00	-6.21E+00		
	-148.00	-9.32E-05	1.85E-05	1.52E-05	2.82E-04	9.89E-05	-2.62E-04	1.14E-04	-1.89E-04					
68	837.00	-1.96E+00	-1.61E+00	-9.70E-01	7.01E+00	1.17E+00	-5.71E+00	5.23E+00	-8.80E+00	45.71	-1.96E+00	7.01E+00		
	-68.00	-2.55E-05	-1.21E-05	1.26E-05	5.39E-04	9.98E-05	-4.39E-04	2.51E-04	-2.89E-04					
69	937.00	-2.44E+00	3.95E-01	-1.08E-01	3.82E+00	1.23E+00	-3.38E+00	3.05E+00	-5.09E+00	55.19	3.95E-01	-3.82E+00		
	-88.00	-7.02E-05	3.89E-05	1.95E-05	2.94E-04	9.47E-05	-2.60E-04	1.41E-04	-1.72E-04					
70	1037.00	-2.21E-04	1.07E+00	1.07E+00	6.49E+00	-2.73E-01	-6.98E+00	7.05E+00	-5.98E+00	47.36	5.40E+00	-4.33E+00		
	-68.00	-2.36E-05	1.77E-05	1.76E-05	4.99E-04	-2.10E-05	-5.37E-04	2.48E-04	-2.53E-04					
71	862.00	-1.60E+00	-8.64E-01	-3.45E-01	2.98E+00	1.04E+00	-2.88E+00	1.77E+00	-4.23E+00	48.52	-1.60E+00	2.98E+00		
	-18.00	-3.06E-05	-2.38E-06	1.76E-05	2.29E-04	7.96E-05	-2.21E-04	9.88E-05	-1.32E-04					
72	1012.00	4.49E-01	7.53E-01	1.22E+00	3.25E+00	-1.30E-01	-2.60E+00	3.88E+00	-2.63E+00	46.51	4.49E-01	3.25E+00		
	-18.00	-9.81E-06	3.42E-06	1.99E-05	2.50E-04	-1.00E-05	-2.00E-04	1.22E-04	-1.28E-04					
73	1387.00	6.50E-01	6.96E-01	6.52E-01	3.83E+00	1.13E-02	-2.59E+00	4.50E+00	-3.16E+00	45.17	6.50E-01	3.83E+00		
	-303.00	3.60E-06	5.69E-06	3.68E-06	3.48E-04	1.02E-06	-2.36E-04	1.79E-04	-1.69E-04					
74	1387.00	6.59E-02	-8.54E-02	3.54E-01	4.06E+00	9.73E-02	-2.58E+00	4.05E+00	-4.07E+00	44.47	6.59E-02	4.06E+00		
	-213.00	-1.34E-06	-8.23E-06	1.17E-05	3.69E-04	8.84E-06	-2.34E-04	1.80E-04	-1.89E-04					
75	1387.00	-8.77E-02	2.72E-01	1.05E+00	2.99E+00	3.19E-01	-1.74E+00	3.09E+00	-2.91E+00	46.72	-8.77E-02	2.99E+00		
	-138.00	-8.45E-06	-2.81E-07	1.73E-05	1.36E-04	1.45E-05	-7.91E-05	6.38E-05	-7.25E-05					
76	1187.00	-1.20E+00	-8.58E-01	-2.62E-01	4.55E+00	8.59E-01	-1.80E+00	3.53E+00	-5.55E+00	46.07	-1.20E+00	4.55E+00		
	-68.00	-2.06E-05	-7.52E-06	1.54E-05	3.50E-04	6.61E-05	-1.38E-04	1.61E-04	-1.89E-04					
77	1387.00	-1.36E+00	-9.78E-01	-6.22E-02	2.33E+00	6.39E-01	-1.82E+00	1.17E+00	-3.50E+00	47.32	-9.78E-01	-2.33E+00		
	-88.00	-2.58E-05	-1.13E-05	2.39E-05	1.79E-04	4.92E-05	-1.40E-04	7.13E-05	-1.08E-04					
78	1587.00	-3.24E-01	-1.79E-01	5.60E-01	2.92E+00	-1.55E-02	-1.08E+00	2.66E+00	-3.17E+00	45.71	9.36E-01	-2.66E+00		
	-68.00	-1.31E-05	-7.52E-06	2.09E-05	2.24E-04	-1.19E-06	-8.28E-05	1.02E-04	-1.22E-04					
79	1237.00	-1.80E+00	-6.71E-01	-1.72E-01	2.51E+00	8.89E-01	-1.55E+00	1.34E+00	-3.81E+00	51.35	-1.80E+00	2.51E+00		
	-18.00	-4.02E-05	3.26E-06	2.24E-05	1.93E-04	6.84E-05	-1.19E-04	8.05E-05	-1.18E-04					
80	1433.80	-1.09E+00	-3.34E-01	3.11E-01	2.96E+00	4.03E-01	-1.17E+00	2.27E+00	-3.69E+00	48.64	-1.09E+00	2.96E+00		
	-8.00	-2.97E-05	-6.18E-07	2.42E-05	2.28E-04	3.10E-05	-8.97E-05	9.96E-05	-1.30E-04					
81	1533.80	-1.79E+00	-4.04E-01	-6.88E-03	1.73E+00	3.13E-01	-7.31E-01	7.67E-01	-2.96E+00	55.91	-4.04E-01	-1.73E+00		
	-28.00	-4.46E-05	8.63E-06	2.39E-05	1.33E-04	2.41E-05	-5.63E-05	5.37E-05	-8.96E-05					
82	1633.80	-1.87E+00	-6.15E-01	-1.76E-01	6.23E-01	-5.88E-03	-1.42E-01	-3.57E-01	-2.12E+00	67.56	-3.59E-01	-5.65E-02		
	-8.00	-4.26E-05	5.55E-06	2.24E-05	4.79E-05	-4.52E-07	-1.09E-05	1.54E-05	-5.25E-05					
83	1433.80	-7.43E+00	-3.19E+00	-3.24E+00	1.94E+00	2.08E+00	-8.78E-01	-2.44E+00	-8.18E+00	68.79	-3.19E+00	-1.94E+00		
	27.60	-1.33E-04	2.96E-05	2.76E-05	1.49E-04	1.60E-04	-6.75E-05	5.85E-05	-1.62E-04					
84	1296.10	-2.64E+00	-3.27E-01	-2.18E-01	2.10E+00	1.01E+00	-1.12E+00	9.10E-01	-3.87E+00	59.43	-1.62E+00	-2.39E+00		
	40.70	-6.65E-05	2.24E-05	2.66E-05	1.61E-04	7.79E-05	-8.65E-05	7.00E-05	-1.14E-04					
85	1148.60	-1.20E+00	5.18E-01	4.85E-01	2.79E+00	1.13E+00	-6.43E-01	2.57E+00	-3.26E+00	53.59	2.11E+00	1.58E+00		
	57.33	-4.41E-05	2.22E-05	2.09E-05	2.14E-04	8.67E-05	-4.94E-05	1.01E-04	-1.23E-04					
86	1131.40	-9.37E+00	-4.61E+00	-4.34E+00	9.87E-01	3.78E+00	-1.15E-01	-4.41E+00	-9.56E+00	78.74	-4.61E+00	-9.87E-01		
	112.00	-1.59E-04	2.41E-05	3.42E-05	7.59E-05	2.91E-04	-8.88E-06	3.17E-05	-1.67E-04					
87	1019.80	-2.69E+00	-8.92E-01	-5.75E-01	2.94E+00	1.45E+00	-4.42E+00	1.28E+00	-4.86E+00	53.47	-8.92E-01	-2.94E+00		
	34.67	-5.76E-05	1.13E-05	2.35E-05	2.26E-04	1.11E-04	-3.40E-04	9.50E-05	-1.41E-04					
88	886.60	-1.34E+00	-4.00E-01	-2.61E-02	2.38E+00	7.05E-01	-2.63E+00	1.55E+00	-3.29E+00	50.60	-1.34E+00	2.38E+00		
	46.00	-3.22E-05	4.05E-06	1.84E-05	1.83E-04	5.42E-05	-2.02E-04	7.91E-05	-1.07E-04					
89	869.80	-6.26E+00	-2.76E+00	-2.75E+00	1.25E+00	2.12E+00	-9.47E-01	-2.36E+00	-6.66E+00	72.23	-2.76E+00	-1.25E+00		
	96.00	-1.12E-04	2.33E-05	2.35E-05	9.63E-05	1.63E-04	-7.29E-05	3.87E-05	-1.27E-04					
90	952.60	-1.04E+00	3.03E+00	1.58E+00	3.63E+00	1.12E+00	-2.62E+00	5.16E+00	-3.17E+00	59.61	4.23E+00	-2.61E+00		
	128.00	-7.91E-05	7.72E-05	2.15E-05	2.79E-04	8.58E-05	-2.02E-04	1.59E-04	-1.61E-04					
91	869.80	-1.80E+00	-2.32E-01	-1.51E-01	1.62E+00	1.15E+00	-5.82E-01	7.82E-01	-2.81E+00	57.93	-1.80E+00	1.62E+00		
	160.00	-4.53E-05	1.51E-05	1.82E-05	1.24E-04	8.83E-05	-4.48E-05	5.41E-05	-8.43E-05					
92	869.80	-8.61E+00	-2.87E+00	-3.44E+00	8.19E-01	4.06E+00	-9.99E-01	-2.75E+00	-8.72E+00	82.04	-2.87E+00	-8.19E-01		
	203.60	-1.67E-04	5.36E-05	3.15E-05	6.30E-05	3.13E-04	-7.69E-05	5.80E-05	-1.71E-04					
93	598.67	2.78E-01	4.10E-02	1.68E-01	4.73E+00	2.77E+00	-5.50E+00	4.89E+00	-4.57E+00	44.28	4.10E-02	-4.73E+00		
	16.00	5.35E-06	-3.77E-06	1.10E-06	3.64E-04	2.13E-04	-4.23E-04	1.83E-04	-1.81E-04					
94	645.75	-8.72E-01	-4.26E-01	-4.21E-01	3.03E+00	1.15E+00	-2.66E+00	2.39E+00	-3.68E+00	47.11	-8.72E-01	3.03E+00		
	24.00	-1.46E-05	2.50E-06	2.70E-06	2.33E-04	8.83E-05	-2.04E-04	1.11E-04	-1.23E-04					
95	613.10	-1.21E+00	-1.75E+00	-1.28E+00	5.15E+00	1.10E+00	-7.55E-01	3.68E+00	-6.64E+00	43.50	-1.21E+00	5.15E+00		
	68.33	6.53E-08	-2.07E-05	-2.41E-06	3.96E-04	8.48E-05	-5.81E-05	1.88E-04	-2.09E-04					
96	708.45	-1.65E+00	-3.38E-01	-3.25E-01	2.42E+00	1.17E+00	-2.09E+00	1.52E+00	-3.50E+00	52.58	-1.85E+00	-2.36E+00		

	55.00	-3.73E-05	1.32E-05	1.10E-05	1.84E-04	9.02E-05	-1.61E-04	8.45E-05	-1.05E-04				
97	613.10	-4.73E+00	-2.15E+00	-2.20E+00	1.61E+00	3.50E+00	-1.27E+00	-1.37E+00	-5.50E+00	64.32	-2.15E+00	-1.61E+00	
	96.00	-8.11E-05	1.81E-05	1.27E-05	1.24E-04	2.77E-04	-9.72E-05	4.80E-05	-1.11E-04				
98	682.27	-1.70E+00	-4.45E-01	-4.43E-01	3.33E+00	1.11E+00	-2.23E+00	2.31E+00	-4.46E+00	50.34	1.90E+00	-1.61E+00	
	112.00	-2.49E-05	1.13E-05	1.14E-05	2.56E-04	8.54E-05	-1.72E-04	1.17E-04	-1.43E-04				
99	751.43	-5.41E+00	1.37E+00	-9.63E-01	3.72E+00	2.87E+00	-4.89E+00	3.02E+00	-7.06E+00	66.19	1.37E+00	-3.72E+00	
	96.00	-1.53E-04	1.08E-04	1.75E-05	2.84E-04	2.21E-04	-3.76E-04	1.71E-04	-2.16E-04				
100	683.25	-1.48E+00	-2.84E-01	-2.02E-01	1.23E+00	8.50E-01	-1.68E+00	4.89E-01	-2.25E+00	57.89	-1.48E+00	1.23E+00	
	152.00	-3.52E-05	1.06E-05	1.38E-05	9.48E-05	6.54E-05	-1.29E-04	4.04E-05	-6.49E-05				
101	648.67	-7.64E+00	-3.63E+00	-3.83E+00	7.54E-01	2.39E+00	-1.07E+00	-3.50E+00	-7.76E+00	79.69	-3.63E+00	-7.54E-01	
	192.00	-1.28E-04	2.62E-05	1.87E-05	5.80E-05	1.84E-04	-8.25E-05	3.15E-05	-1.33E-04				
102	725.25	-1.15E+00	6.75E-01	4.09E-01	1.35E+00	6.33E-01	-1.20E+00	1.35E+00	-1.87E+00	62.08	-1.75E-01	-1.63E+00	
	232.70	-4.36E-05	2.67E-05	1.65E-05	1.04E-04	4.87E-05	-9.21E-05	5.42E-05	-7.10E-05				
103	635.50	-1.13E+00	-1.26E+00	-4.75E-01	2.12E-02	4.90E-01	2.74E-01	-1.12E+00	-1.26E+00	9.16	-1.13E+00	2.12E-02	
	256.00	-1.20E-05	-1.69E-05	1.32E-05	1.63E-06	3.77E-05	2.11E-05	-1.18E-05	-1.70E-05				
104	635.50	-2.74E+00	-1.86E+00	-1.07E+00	-1.02E-01	1.68E+00	-7.98E-02	-1.85E+00	-2.75E+00	-83.48	-1.86E+00	1.02E-01	
	290.67	-4.30E-05	-9.27E-06	2.12E-05	-7.82E-06	1.29E-04	-6.14E-06	-8.83E-06	-4.35E-05				
105	569.00	6.57E-01	1.11E-01	-1.31E-02	5.00E+00	1.62E+00	-4.67E+00	5.39E+00	-4.62E+00	43.44	6.57E-01	5.00E+00	
	16.50	1.70E-05	-4.03E-06	-8.80E-06	3.85E-04	1.24E-04	-3.59E-04	1.99E-04	-1.86E-04				
106	508.50	9.22E+00	6.18E+00	5.67E+00	3.44E+00	3.73E+00	-1.41E+00	1.15E+01	3.94E+00	33.06	6.18E+00	-3.44E+00	
	13.00	1.23E-04	6.03E-06	-1.34E-05	2.64E-04	2.87E-04	-1.08E-04	2.09E-04	-8.00E-05				
107	521.00	2.59E+00	1.35E+00	7.98E-01	4.82E+00	1.34E+00	-2.59E+00	6.84E+00	-2.89E+00	41.34	2.59E+00	4.82E+00	
	15.75	4.76E-05	-7.27E-08	-2.14E-05	3.71E-04	1.03E-04	-1.99E-04	2.11E-04	-1.63E-04				
108	526.25	2.22E+00	1.13E+00	6.83E-01	5.33E+00	1.13E+00	-2.69E+00	7.03E+00	-3.68E+00	42.08	2.22E+00	5.33E+00	
	21.00	4.11E-05	-8.56E-07	-1.81E-05	4.10E-04	8.71E-05	-2.07E-04	2.26E-04	-1.86E-04				
109	515.50	5.68E+00	3.83E+00	3.56E+00	6.50E+00	2.59E+00	-1.43E+00	1.13E+01	-1.81E+00	40.96	3.83E+00	-6.50E+00	
	26.00	7.49E-05	3.80E-06	-6.84E-06	5.00E-04	1.99E-04	-1.10E-04	2.92E-04	-2.13E-04				
110	531.50	8.00E-01	6.16E-01	1.63E-01	4.36E+00	7.96E-01	-2.30E+00	5.07E+00	-3.65E+00	44.39	8.00E-01	4.36E+00	
	34.50	1.34E-05	6.33E-06	-1.11E-05	3.35E-04	6.13E-05	-1.77E-04	1.78E-04	-1.58E-04				
111	515.50	-3.37E+00	-5.12E+00	-3.97E+00	1.26E+01	6.20E-01	-3.22E-02	8.43E+00	-1.69E+01	43.02	-3.37E+00	1.26E+01	
	44.00	7.35E-06	-6.00E-05	-1.57E-05	9.73E-04	4.77E-05	-2.48E-06	4.61E-04	-5.14E-04				
112	515.50	-1.60E+00	-9.05E-01	-1.11E+00	2.94E+00	1.46E+00	-1.15E+00	1.71E+00	-4.21E+00	48.36	-9.06E-01	-2.94E+00	
	52.33	-2.17E-05	4.92E-06	-3.11E-06	2.26E-04	1.12E-04	-8.87E-05	1.05E-04	-1.22E-04				
113	547.50	-1.76E+00	9.91E-01	-4.12E-01	4.72E+00	9.12E-01	-4.55E+00	4.53E+00	-5.29E+00	53.12	2.45E+00	-4.02E+00	
	64.00	-5.46E-05	5.11E-05	-2.93E-06	3.63E-04	7.01E-05	-3.50E-04	1.87E-04	-1.91E-04				
114	515.50	-3.97E+00	-4.46E+00	-3.54E+00	5.26E+00	3.62E-01	-1.30E+00	1.05E+00	-9.49E+00	43.68	-3.97E+00	5.26E+00	
	74.67	-2.12E-05	-3.99E-05	-4.68E-06	4.05E-04	2.79E-05	-9.98E-05	1.72E-04	-2.33E-04				
115	515.50	-8.19E+00	-5.09E+00	-5.35E+00	1.91E+00	1.15E+00	-1.09E+00	-4.19E+00	-9.10E+00	64.54	-5.09E+00	-1.91E+00	
	88.00	-1.10E-04	8.89E-06	-1.00E-06	1.47E-04	8.84E-05	-8.35E-05	4.38E-05	-1.45E-04				
116	547.50	-4.57E+00	-2.11E-01	-1.95E+00	5.92E+00	8.12E-01	-3.54E+00	3.92E+00	-8.70E+00	55.11	2.32E+00	-4.20E+00	
	104.00	-1.02E-04	6.58E-05	-9.41E-07	4.55E-04	6.24E-05	-2.73E-04	2.25E-04	-2.61E-04				
117	515.50	-1.52E+00	-1.41E+00	-1.02E+00	4.20E+00	9.63E-02	-1.97E+00	2.74E+00	-5.67E+00	45.39	-1.52E+00	4.20E+00	
	120.00	-1.50E-05	-1.07E-05	4.01E-06	3.23E-04	7.41E-06	-1.52E-04	1.49E-04	-1.75E-04				
118	515.50	-5.75E+00	-3.46E+00	-3.45E+00	1.63E+00	5.44E-01	-9.16E-01	-2.62E+00	-6.60E+00	62.61	-3.46E+00	-1.63E+00	
	136.00	-8.22E-05	6.09E-06	6.57E-06	1.25E-04	4.18E-05	-7.04E-05	3.85E-05	-1.15E-04				
119	547.50	-3.05E+00	-1.01E+00	-1.76E+00	3.94E+00	4.18E-01	-2.00E+00	1.73E+00	-6.65E+00	55.24	6.77E-01	-2.79E+00	
	152.00	-7.82E-05	3.51E-05	6.18E-06	3.03E-04	3.21E-05	-1.54E-04	1.40E-04	-1.83E-04				
120	515.50	-1.87E+00	-1.41E+00	-8.90E-01	2.78E+00	3.84E-02	-1.21E+00	1.16E+00	-4.43E+00	47.37	-1.87E+00	2.78E+00	
	168.00	-2.61E-05	-8.32E-06	1.15E-05	2.14E-04	2.95E-06	-9.31E-05	9.02E-05	-1.25E-04				
121	515.50	-7.46E+00	-4.54E+00	-4.35E+00	1.28E+00	5.28E-01	-6.85E-01	-4.06E+00	-7.94E+00	69.42	-4.54E+00	-1.28E+00	
	184.00	-1.07E-04	5.17E-06	1.23E-05	9.83E-05	4.06E-05	-5.27E-05	2.36E-05	-1.26E-04				
122	547.50	-2.41E+00	1.46E+00	3.83E-02	4.39E+00	3.17E-01	-2.80E+00	4.32E+00	-5.28E+00	56.88	3.30E+00	-2.97E+00	
	200.00	-8.27E-05	6.61E-05	1.16E-05	3.38E-04	2.44E-05	-2.15E-04	1.76E-04	-1.93E-04				
123	515.50	1.10E+00	1.96E+00	1.88E+00	2.00E+00	-3.42E-01	-1.60E+00	3.58E+00	-5.17E-01	51.03	1.10E+00	2.00E+00	
	216.00	-1.19E-05	2.10E-05	1.81E-05	1.54E-04	-2.63E-05	-1.23E-04	8.34E-05	-7.43E-05				
124	515.50	-2.29E+00	-1.20E+00	-8.09E-01	5.27E-01	-4.73E-01	-4.53E-01	-9.92E-01	-2.51E+00	67.97	-1.20E+00	-5.27E-01	
	232.00	-4.09E-05	1.01E-06	1.62E-05	4.06E-05	-3.64E-05	-3.48E-05	9.21E-06	-4.91E-05				
125	547.50	-1.16E+00	-4.75E-01	-9.79E-02	1.04E+00	-2.72E-01	-1.35E+00	2.79E-01	-1.91E+00	54.11	-2.51E-02	-7.57E-01	
	248.00	-2.56E-05	7.79E-07	1.53E-05	8.01E-05	-2.09E-05	-1.04E-04	2.98E-05	-5.45E-05				
126	515.50	1.02E+00	2.91E+00	2.66E+00	-2.23E-01	-6.11E-01	-1.71E+00	2.96E+00	1.87E+00	-77.82	1.92E+00	-2.23E-01	
	264.00	8.44E-06	2.55E-05	2.01E-05	-1.72E-05	-4.70E-05	-1.32E-04	3.13E-05	-1.03E-05				
127	515.50	[illegible]8E+00	-6.13E-01	-2.25E-01	2.12E-01	-1.22E+00	-2[illegible]-01	-5.42E-01	-1.25E+00	71.50	-6.13E-01	-2.12E-[illegible]	
	276.00	[illegible]1E-05	-1.45E-06	1.35E-05	1.63E-05	-9.39E-05	-[illegible]05	1.78E-06	-2.58E-05				
128	531.5[illegible]	[illegible]96E-01	5.26E-01	1.13E+00	1.19E-01	-5.47E-01	[illegible]-01	8.41E-01	4.81E-01	20.65	7.96E-01	1.19[illegible]	

	297.0	[illegible]71E-06	-6.69E-06	1.64E-05	9.14E-06	-4.21E-05	[illegible]	[illegible]-05	5.44E-06	-8.42E-06				
129	515.50	[illegible]31E+00	3.41E+00	2.55E+00	-6.89E-01	-5.50E-01	[illegible]	[illegible]+00	4.30E+00	2.65E+00	-36.55	3.81E+00	-6.89E[illegible]	
	320.00	[illegible].81E-05	1.26E-05	1.83E-05	-5.30E-05	-4.54E-05	[illegible]	[illegible]-05	4.80E-05	-7.14E-06				
183	565.50	1.12E-01	9.26E-02	-4.72E-01	7.47E+00	2.12E+00	-5.91E+00		7.57E+00	-7.37E+00	44.96	1.12E-01	7.47E+[illegible]	
	-8.00	7.23E-06	6.50E-06	-1.52E-05	5.75E-04	1.63E-04	-4.54E-04		2.94E-04	-2.80E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .4900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.6884E+02	-.4337E+03	.1621E+03	.9180E+02	.1965E+03	-.1318E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1113E+02	.5120E+01	.2526E+01	.7026E+02	-.5249E+02	-.6614E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1018E+02	-.1726E+01	.1181E+01	.1125E+03	-.1184E+03	-.1200E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1420E+02	.3211E+01	.3208E+00	.1573E+03	-.1847E+03	-.1755E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1580E+02	-.2350E+01	.3332E+00	.2029E+03	-.2506E+03	-.2358E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.5068E+00	-.1356E+01	.9975E+00	.2728E+03	-.3172E+03	-.3078E+03
25	.3453E+02	.5615E+01	.2631E+00	.3407E+03	-.3494E+03	-.3778E+03
26	-.2214E+02	-.2668E+01	.1182E+00	.3685E+03	-.3694E+03	-.4290E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1709E+03	-.3367E+02	.6256E+01	.3766E+03	-.5084E+03	-.4703E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3222E+04	.5501E+03	-.1603E+02	.5323E+03	-.1351E+04	-.7427E+03
40	.2184E+04	.3350E+03	.1085E+02	.4993E+03	-.1334E+04	-.6813E+03
41	.1366E+04	.1760E+03	.3159E+02	.4306E+03	-.1210E+04	-.5916E+03
42	.3032E+03	.1704E+02	.2719E+02	.3765E+03	-.8613E+03	-.5160E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2993E+04	-.3843E+03	-.1623E+02	.7434E+02	-.1418E+04	.3786E+03
48	-.2585E+04	-.3337E+03	-.1814E+02	.1873E+03	-.1310E+04	.2719E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.4804E+04	-.7327E+03	-.2243E+02	-.3793E+02	-.9649E+03	.1152E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

53	.1215E+02	.2477E+02	-.9795E+00	.4166E+02	-.1356E+04	.3553E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3292E+04	-.5005E+03	-.2231E+02	.2235E+02	-.7817E+03	.1085E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2310E+04	-.3527E+03	-.2995E+02	.1731E+02	-.7377E+03	.1055E+04
66	-.7857E+03	-.1231E+03	-.3774E+02	.9424E+01	-.6217E+03	.1098E+04
67	.1570E+04	.2310E+03	-.3796E+02	.1189E+02	-.5038E+03	.1097E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2794E+04	.4151E+03	-.3198E+02	.1406E+03	-.4062E+03	.1090E+04
76	-.2998E+03	-.4787E+02	-.2215E+02	.1837E+03	-.2719E+03	.1102E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1175E+04	.1750E+03	-.1634E+02	.2097E+03	-.1027E+03	.1065E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4918E+03	-.7414E+02	-.1184E+02	.2788E+03	.2608E+01	.1036E+04
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.6592E+03	.1045E+03	-.1055E+02	.2241E+03	.1486E+03	.9593E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.4458E+03	-.6406E+02	-.8921E+01	.1998E+03	.2377E+03	.8768E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.5130E+03	.8015E+02	-.9012E+01	.1980E+03	.3600E+03	.7887E+03
109	-.3009E+03	-.4111E+02	-.7841E+01	.1982E+03	.4440E+03	.6826E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.4299E+03	.6951E+02	-.7671E+01	.1228E+03	.5373E+03	.5662E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.2402E+03	.4158E+02	-.1776E+01	.7382[illegible]2	.5837E+03	.4464E+03
[illegible]	.5364E+02	.1395E+02	.2509E-02	.295[illegible]	.5905E+03	.3225E+03
[illegible]	.2027E+03	.3710E+02	.1658E+01	-.1[illegible]	.6248E+03	.2424E+03

	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00
	.1986E+03	.3700E+02	.3670E+01	.36[illegible]2	.6461E+03	.2160E+03
119	.1227E+03	.2501E+02	.5400E+01	-.5367E+02	.5914E+03	.1222E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3666E+03	.4906E+02	.2234E+02	-.5468E+02	.5215E+03	.6307E+02
122	.3125E+03	.2536E+02	.3875E+02	.1807E+02	.5056E+03	.6594E+02
123	.2392E+03	.1715E+02	.3426E+02	.1286E+02	.4428E+03	.5970E+02
124	.1765E+03	.1230E+02	.2362E+02	.9235E+01	.3657E+03	.5465E+02
125	.1179E+03	.6568E+01	.1732E+02	.6224E+01	.3035E+03	.4982E+02
126	.4032E+02	-.5760E+01	.1617E+02	.2405E+01	.2569E+03	.4466E+02
127	-.1726E+02	-.1546E+02	.1657E+02	-.2289E+00	.2211E+03	.3802E+02
128	-.7688E+02	-.2366E+02	.1603E+02	-.6447E+01	.1473E+03	.3050E+02
129	-.7923E+02	-.2073E+02	.1369E+02	-.9348E+01	.8703E+02	.2377E+02
130	-.5581E+02	-.1285E+02	.1028E+02	-.9963E+01	.4214E+02	.1892E+02
131	-.1501E+02	-.2361E+01	.7165E+01	-.8727E+01	.1689E+02	.1577E+02
132	.1622E+01	.1065E+01	.5323E+01	-.5691E+01	.1667E+02	.1348E+02
133	.2837E+01	.8907E+00	.4844E+01	-.3880E+01	.1806E+02	.1127E+02
134	.7966E+00	.2711E+00	.4809E+01	-.2967E+01	.1509E+02	.8854E+01
135	.3320E-01	.2773E-01	.5402E+01	-.2276E+01	.1068E+02	.6526E+01
136	-.1824E-01	.3339E-01	.7173E+01	-.1610E+01	.6933E+01	.4361E+01
137	-.1187E+00	-.3879E-01	.1119E+02	-.1170E+01	.3144E+01	.2389E+01
138	.3406E-01	.2307E+00	.1785E+03	-.8474E+00	-.8518E+00	.1214E+01
139	.1714E+00	.2779E+00	-.3758E+02	-.1281E+00	.4616E+00	-.4779E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.26492E-01	-.14979E-03	.26640E-01	.00000E+00
3	-.48323E-01	-.53293E-03	.48305E-01	.00000E+00
4	-.52358E-01	-.54254E-03	.52181E-01	.00000E+00
5	-.56461E-01	.26017E-04	.56484E-01	.00000E+00
6	-.63791E-01	-.32430E-05	.63781E-01	-.17126E-04
7	-.58605E-01	-.12670E-02	.59439E-01	.00000E+00
8	-.63981E-01	-.99415E-03	.64221E-01	-.37644E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.26378E-01	-.35718E-03	.26680E-01	.00000E+00
11	-.48636E-01	-.79046E-03	.49459E-01	.00000E+00
12	-.54118E-01	-.96084E-03	.55123E-01	.00000E+00
13	-.58605E-01	-.78116E-03	.59172E-01	.00000E+00
14	-.64354E-01	-.11209E-02	.65394E-01	-.91202E-05
15	-.59324E-01	-.20342E-02	.62373E-01	.00000E+00
16	-.66918E-01	-.18291E-02	.67316E-01	.67436E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.26610E-01	-.57712E-03	.27040E-01	.00000E+00
19	-.49536E-01	-.12184E-02	.52240E-01	.00000E+00
20	-.55264E-01	-.15408E-02	.58482E-01	.00000E+00
21	-.59988E-01	-.11722E-02	.62959E-01	.00000E+00
22	-.65694E-01	-.14964E-02	.69995E-01	-.52136E-05
23	-.61539E-01	-.31464E-02	.68390E-01	.00000E+00
24	-.66548E-01	-.28763E-02	.73502E-01	-.26080E-04
25	-.67321E-01	-.35257E-02	.75745E-01	-.20438E-05
26	-.67714E-01	-.34703E-02	.77067E-01	.55396E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.26526E-01	-.11323E-02	.29103E-01	.00000E+00
29	-.50508E-01	-.23328E-02	.55172E-01	.00000E+00
30	-.56500E-01	-.27300E-02	.62520E-01	.00000E+00
31	-.62105E-01	-.33340E-02	.69639E-01	.00000E+00
32	-.68127E-01	-.39701E-02	.78528E-01	-.70137E-04
33	-.61897E-01	-.46470E-02	.69782E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.26264E-01	-.15477E-02	.29228E-01	.00000E+00
36	-.50793E-01	-.28756E-02	.55931E-01	.00000E+00

37	-.57041E-01	-.32521E-02	.62466E-01	.00000E+00
38	-.63694E-01	-.42296E-02	.72365E-01	.00000E+00
39	-.68952E-01	-.55709E-02	.81665E-01	.32263E-04
40	-.65520E-01	-.56754E-02	.80482E-01	-.10279E-04
41	-.68693E-01	-.53385E-02	.79933E-01	-.37766E-04
42	-.69458E-01	-.47313E-02	.79305E-01	-.61893E-04
43	-.56205E-01	-.40441E-02	.61650E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.24252E-01	-.18375E-03	.26990E-01	.00000E+00
46	-.50202E-01	-.25375E-02	.54156E-01	.00000E+00
47	-.68014E-01	-.52923E-02	.81298E-01	.34320E-04
48	-.49997E-01	-.54291E-02	.81263E-01	.49691E-04
49	-.63605E-01	-.43259E-02	.71790E-01	.00000E+00
50	-.69621E-01	-.54429E-02	.81548E-01	.15102E-03
51	-.63915E-01	-.46233E-02	.70530E-01	.00000E+00
52	-.71760E-01	-.48518E-02	.77166E-01	.00000E+00
53	-.69067E-01	-.50536E-02	.81431E-01	.11454E-04
54	-.55791E-01	-.27486E-02	.57761E-01	.00000E+00
55	-.62693E-01	-.38417E-02	.63817E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.20764E-01	-.23512E-02	.20236E-01	.00000E+00
58	-.44697E-01	-.17343E-02	.38840E-01	.00000E+00
59	-.72969E-01	-.39329E-02	.73605E-01	.00000E+00
60	-.71810E-01	-.46722E-02	.75123E-01	.00000E+00
61	-.70207E-01	-.54580E-02	.81739E-01	.23407E-03
62	-.52638E-01	-.15239E-02	.46986E-01	.00000E+00
63	-.60797E-01	-.16555E-02	.56238E-01	.00000E+00
64	-.73240E-01	-.48639E-02	.78187E-01	.00000E+00
65	-.71000E-01	-.54728E-02	.81918E-01	.29157E-03
66	-.72972E-01	-.54986E-02	.82276E-01	.35521E-03
67	-.75104E-01	-.55202E-02	.82667E-01	.33949E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.16279E-01	.20576E-03	.12389E-01	.00000E+00
70	-.47146E-01	-.66305E-03	.39871E-01	.00000E+00
71	-.70762E-01	-.18547E-02	.64722E-01	.00000E+00
72	-.75186E-01	-.46919E-02	.78444E-01	.00000E+00
73	-.58108E-01	-.95308E-03	.46213E-01	.00000E+00
74	-.79798E-01	-.48518E-02	.81742E-01	.00000E+00
75	-.76923E-01	-.55401E-02	.83009E-01	.25950E-03
76	-.79307E-01	-.56449E-02	.83649E-01	.18281E-03
77	-.57097E-01	-.93529E-03	.55709E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.19365E-01	-.70948E-03	.16616E-01	.00000E+00
80	-.44836E-01	.17532E-03	.35807E-01	.00000E+00
81	-.49664E-01	.15386E-03	.39142E-01	.00000E+00
82	-.55686E-01	.23359E-03	.46637E-01	.00000E+00
83	-.79003E-01	-.20309E-02	.71719E-01	.00000E+00
84	-.74032E-01	-.76893E-03	.62593E-01	.00000E+00
85	-.82184E-01	-.57119E-02	.84459E-01	.14666E-03
86	-.82705E-01	-.50324E-02	.83862E-01	.00000E+00
87	-.67445E-01	-.40519E-03	.53535E-01	.00000E+00
88	-.82649E-01	-.41105E-02	.78726E-01	.00000E+00
89	-.84125E-01	-.58514E-02	.85241E-01	.11857E-03
90	-.51552E-01	.25906E-03	.30024E-01	.00000E+00
91	-.55426E-01	.49363E-03	.33060E-01	.00000E+00
92	-.59643E-01	-.48362E-03	.35255E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.22223E-01	.00000E+00	.12820E-01	.00000E+00
95	-.40874E-01	.00000E+00	.22876E-01	.00000E+00
96	-.46843E-01	.00000E+00	.26161E-01	.00000E+00
97	-.46934E-01	.00000E+00	.25975E-01	.00000E+00
98	-.48092E-01	.00000E+00	.25328E-01	.00000E+00
99	-.52629E-01	-.25147E-03	.27739E-01	.00000E+00
100	-.65595E-01	-.75155E-03	.41543E-01	.00000E+00

	-.79265E-01	-.23501E-02	.83242E-01	.00000E+00
	-.87112E-01	-.60153E-02	.86360E-01	.10609E-03
103	-.83397E-01	-.28494E-02	.74246E-01	.00000E+00
104	-.88175E-01	-.56610E-02	.86710E-01	.00000E+00
105	-.86109E-01	-.61109E-02	.87305E-01	.30807E-04
106	-.86317E-01	-.33913E-02	.80442E-01	.00000E+00
107	-.91557E-01	-.59307E-02	.88164E-01	.00000E+00
108	-.91564E-01	-.62402E-02	.88186E-01	.86706E-04
109	-.93294E-01	-.63172E-02	.88875E-01	.73728E-04
110	-.92128E-01	-.65151E-02	.84465E-01	.00000E+00
111	-.95389E-01	-.68188E-02	.90645E-01	.00000E+00
112	-.95148E-01	-.66376E-02	.89453E-01	.65906E-04
113	-.94614E-01	-.56156E-02	.86891E-01	.00000E+00
114	-.96185E-01	-.64142E-02	.89804E-01	.24336E-04
115	-.96508E-01	-.64432E-02	.90050E-01	.65083E-05
116	-.96545E-01	-.63633E-02	.90042E-01	-.60658E-05
117	-.95974E-01	-.71340E-02	.92051E-01	.00000E+00
118	-.96411E-01	-.63559E-02	.90034E-01	-.16250E-04
119	-.95961E-01	-.63281E-02	.89956E-01	-.27896E-04
120	-.96748E-01	-.68296E-02	.91726E-01	.00000E+00
121	-.95087E-01	-.62142E-02	.89709E-01	-.48575E-04
122	-.96987E-01	-.58099E-02	.89794E-01	-.59275E-04
123	-.94836E-01	-.54243E-02	.89850E-01	-.67816E-04
124	-.94661E-01	-.49929E-02	.89907E-01	-.77761E-04
125	-.94424E-01	-.44743E-02	.89963E-01	-.89805E-04
126	-.93955E-01	-.34856E-02	.90055E-01	-.10449E-03
127	-.93443E-01	-.24109E-02	.90141E-01	-.10768E-03
128	-.92446E-01	-.17821E-03	.90318E-01	-.90588E-04
129	-.91736E-01	.15181E-02	.90478E-01	-.62548E-04
130	-.91287E-01	.26919E-02	.90652E-01	-.29125E-04
131	-.91197E-01	.30229E-02	.90917E-01	.80448E-05
132	-.91417E-01	.23620E-02	.91154E-01	.17786E-04
133	-.91615E-01	.16578E-02	.91364E-01	.13148E-04
134	-.91724E-01	.12175E-02	.91536E-01	.84996E-05
135	-.91787E-01	.90834E-03	.91678E-01	.65861E-05
136	-.91831E-01	.62714E-03	.91780E-01	.67413E-05
137	-.91856E-01	.35589E-03	.91842E-01	.64480E-05
138	-.91875E-01	.57126E-04	.91875E-01	.74789E-05
139	-.91875E-01	.69096E-05	.91875E-01	.69683E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.87E-02	-9.93E-02	-3.085-03	-3.24E+00	-1.57E-02	3.28E+00	3.18E+00	-3.30E+00	-44.69	-2.87E-02	-3.24E+00
	-303.00	3.97E-07	-2.81E-06	1.56E-06	-2.94E-04	-1.42E-06	2.98E-04	1.46E-04	-1.46E-04			
2	72.00	-4.98E-02	-1.35E-01	6.12E-02	-2.71E+00	-2.71E-03	2.79E+00	2.62E+00	-2.80E+00	-44.55	-4.98E-02	-2.71E+00
	-213.00	-6.55E-07	-4.54E-06	4.39E-06	-2.46E-04	-2.46E-07	2.53E-04	1.21E-04	-1.26E-04			
3	72.00	-4.13E-01	-1.64E-01	1.53E-01	-1.80E+00	1.87E-01	1.96E+00	1.51E+00	-2.05E+00	-46.98	-4.13E-01	-1.80E+00
	-138.00	-7.16E-06	-1.50E-06	5.70E-06	-8.17E-05	8.52E-06	8.93E-05	3.66E-05	-4.53E-05			
4	24.00	-2.35E+00	-1.40E+00	-1.77E+00	-3.37E+00	6.29E-01	3.73E+00	1.53E+00	-5.27E+00	-49.03	-2.35E+00	-3.37E+00
	-68.00	-2.98E-05	6.88E-06	-7.37E-06	-2.59E-04	4.84E-05	2.87E-04	1.19E-04	-1.42E-04			
5	72.00	8.52E-01	4.78E-01	1.04E+00	-1.51E+00	-3.59E-02	1.58E+00	2.18E+00	-8.53E-01	-41.46	4.78E-01	1.51E+00
	-88.00	6.72E-06	-7.65E-06	1.40E-05	-1.16E-04	-3.07E-06	1.21E-04	5.79E-05	-5.88E-05			
6	120.00	4.81E-01	5.05E-01	6.99E-01	-2.83E+00	-1.57E-01	2.79E+00	3.32E+00	-2.34E+00	-45.12	-2.29E+00	5.21E+01
	-68.00	-1.09E-09	8.87E-07	8.37E-06	-2.18E-04	-1.21E-05	2.15E-04	1.09E-04	-1.08E-04			
7	36.25	-7.63E-01	-2.82E-01	-1.45E-01	-1.63E+00	2.10E-01	1.55E+00	1.13E+00	-2.17E+00	-49.20	-7.07E-01	-1.64E+00
	-10.00	-1.63E-05	2.24E-06	7.50E-06	-1.25E-04	1.62E-05	1.19E-04	5.63E-05	-7.04E-05			
8	108.00	9.10E-02	1.43E-01	3.20E-01	-1.21E+00	1.11E-03	1.36E+00	1.33E+00	-1.10E+00	-45.62	9.10E-02	-1.21E+00
	-10.00	-2.59E-06	-5.76E-07	6.21E-06	-9.34E-05	9.54E-08	1.05E-04	4.51E-05	-4.83E-05			
9	216.00	-1.98E-01	-2.95E-01	-1.39E-01	-3.25E+00	2.73E-02	3.35E+00	3.00E+00	-3.49E+00	-44.57	-1.98E-01	-3.25E+00

	-303.00	-8.06E-07	-5.19E-06	1.89E-04	-2.95E-04	2.45E-06	3.05E-04	1.45E-04	-1.51E-04				
10	216.00	-2.61E-01	-3.05E-01	-4.24E-02	-2.79E+00	9.65E-02	2.91E+00	2.50E+00	-3.07E+00	-44.77	-2.61E-01	-2.79E+00	
	-213.00	-3.97E-06	-5.97E-06	5.98E-06	-2.53E-04	8.05E-06	2.65E-04	1.22E-04	-1.32E-04				
11	216.00	-3.89E-01	-2.55E-01	3.20E-01	-2.13E+00	2.72E-01	2.30E+00	1.81E+00	-2.46E+00	-45.90	-3.89E-01	-2.13E+00	
	-138.00	-7.14E-06	-4.11E-06	8.98E-06	-9.70E-05	1.23E-05	1.04E-04	4.29E-05	-5.41E-05				
12	168.00	-1.09E+00	-1.14E+00	-6.71E-01	-3.30E+00	5.00E-01	3.40E+00	2.19E+00	-4.41E+00	-44.78	-1.09E+00	-3.30E+00	
	-68.00	-9.98E-06	-1.19E-05	5.98E-06	-2.54E-04	3.85E-05	2.62E-04	1.16E-04	-1.38E-04				
13	216.00	1.09E+00	4.51E-01	1.16E+00	-1.38E+00	6.16E-02	1.36E+00	2.19E+00	-6.45E-01	-38.47	4.51E-01	1.38E+00	
	-88.00	1.23E-05	-1.23E-05	1.49E-05	-1.06E-04	4.74E-06	1.04E-04	5.44E-05	-5.45E-05				
14	264.00	1.26E-01	4.71E-01	6.82E-01	-2.77E+00	-5.28E-02	2.86E+00	3.07E+00	-2.48E+00	-46.78	-2.40E+00	6.70E-01	
	-68.00	-9.23E-06	4.06E-06	1.22E-05	-2.13E-04	-4.06E-06	2.20E-04	1.04E-04	-1.09E-04				
15	180.00	-2.46E-01	-4.45E-02	2.40E-01	-1.45E+00	3.35E-01	1.36E+00	1.31E+00	-1.60E+00	-46.99	-2.46E-01	-1.45E+00	
	-19.00	-8.91E-06	-1.16E-06	9.80E-06	-1.11E-04	2.58E-05	1.04E-04	5.08E-05	-6.09E-05				
16	252.00	-1.71E-01	6.03E-02	4.15E-01	-1.16E+00	1.31E-01	1.43E+00	1.11E+00	-1.22E+00	-47.85	-1.71E-01	-1.16E+00	
	-19.00	-9.93E-06	-1.03E-06	1.26E-05	-8.90E-05	1.00E-05	1.10E-04	3.93E-05	-5.02E-05				
17	361.00	-2.77E-01	-4.91E-01	-2.24E-01	-3.27E+00	1.41E-02	3.50E+00	2.85E+00	-3.65E+00	-44.06	-2.77E-01	-3.27E+00	
	-303.00	2.88E-07	-9.44E-06	2.71E-06	-2.97E-04	1.28E-06	3.18E-04	1.44E-04	-1.53E-04				
18	361.00	-3.10E-01	-4.69E-01	-7.10E-02	-2.93E+00	6.84E-02	3.12E+00	2.54E+00	-3.32E+00	-44.22	-3.10E-01	-2.93E+00	
	-213.00	-3.04E-06	-1.03E-05	7.81E-06	-2.66E-04	6.22E-06	2.83E-04	1.27E-04	-1.40E-04				
19	361.00	-4.17E-01	-3.70E-01	4.22E-01	-2.33E+00	2.72E-01	2.61E+00	1.93E+00	-2.72E+00	-45.29	-4.17E-01	-2.33E+00	
	-138.00	-7.56E-06	-6.50E-06	1.15E-05	-1.06E-04	1.24E-05	1.19E-04	4.59E-05	-5.99E-05				
20	312.00	-1.90E+00	-1.71E+00	-1.07E+00	-3.76E+00	8.47E-01	4.15E+00	1.96E+00	-5.57E+00	-45.70	-1.90E+00	-3.76E+00	
	-68.00	-2.15E-05	-1.45E-05	1.03E-05	-2.89E-04	6.51E-05	3.19E-04	1.27E-04	-1.63E-04				
21	360.67	1.76E+00	1.07E+00	1.74E+00	-1.82E+00	-2.06E-02	2.01E+00	3.27E+00	-4.42E-01	-39.61	1.07E+00	1.82E+00	
	-88.00	1.76E-05	-9.15E-06	1.67E-05	-1.40E-04	-1.58E-06	1.55E-04	7.57E-05	-6.72E-05				
22	409.33	-1.08E+00	-1.51E+00	-5.02E-01	-3.55E+00	2.83E-02	4.45E+00	2.26E+00	-4.86E+00	-43.28	-4.82E+00	5.25E-01	
	-68.00	-7.64E-06	-2.41E-05	1.47E-05	-2.73E-04	2.17E-06	3.42E-04	1.21E-04	-1.53E-04				
23	324.00	-5.45E-01	-1.03E-01	3.30E-01	-1.51E+00	5.96E-01	1.45E+00	1.21E+00	-1.85E+00	-49.16	-5.45E-01	-1.51E+00	
	-19.00	-1.78E-05	-4.66E-07	1.62E-05	-1.16E-04	4.59E-05	1.11E-04	4.99E-05	-6.78E-05				
24	372.00	-3.55E-01	2.03E-01	6.09E-01	-3.82E+00	5.71E-01	4.05E+00	3.75E+00	-3.91E+00	-47.09	-3.55E-01	-3.82E+00	
	-9.33	-1.87E-05	2.77E-06	1.84E-05	-2.94E-04	4.39E-05	3.12E-04	1.39E-04	-1.55E-04				
25	401.25	-1.39E-01	6.57E-02	7.00E-01	-1.26E+00	2.00E-01	1.70E+00	1.23E+00	-1.30E+00	-47.32	1.05E+00	-6.52E-01	
	-19.00	-1.22E-05	-4.35E-06	2.00E-05	-9.70E-05	1.54E-05	1.31E-04	4.04E-05	-5.70E-05				
26	427.67	-2.04E+00	-2.11E+00	-1.02E+00	-4.30E+00	7.70E-01	5.75E+00	2.23E+00	-6.37E+00	-44.78	-4.59E+00	-3.49E+00	
	-9.33	-2.17E-05	-2.43E-05	1.76E-05	-3.31E-04	5.92E-05	4.42E-04	1.42E-04	-1.88E-04				
27	457.00	-3.32E-01	-7.21E-01	-3.27E-01	-3.28E+00	-1.84E-02	3.58E+00	2.76E+00	-3.81E+00	-43.30	-3.32E-01	-3.28E+00	
	-303.00	2.84E-06	-1.48E-05	3.03E-06	-2.98E-04	-1.67E-06	3.26E-04	1.43E-04	-1.55E-04				
28	457.00	-2.68E-01	-5.73E-01	-7.76E-02	-3.08E+00	1.33E-02	3.27E+00	2.66E+00	-3.50E+00	-43.58	-2.68E-01	-3.08E+00	
	-213.00	-2.53E-07	-1.41E-05	8.39E-06	-2.80E-04	1.21E-06	2.97E-04	1.33E-04	-1.47E-04				
29	457.00	-5.74E-01	-4.69E-01	3.51E-01	-2.49E+00	-8.67E-02	2.68E+00	1.97E+00	-3.02E+00	-45.60	-5.74E-01	-2.49E+00	
	-138.00	-9.41E-06	-7.03E-06	1.16E-05	-1.13E-04	-3.94E-06	1.22E-04	4.85E-05	-6.49E-05				
30	442.00	-1.17E+00	-2.67E+00	-1.04E+00	-4.31E+00	-9.95E-02	4.74E+00	2.45E+00	-6.30E+00	-40.06	-1.17E+00	-4.31E+00	
	-68.00	8.63E-06	-4.91E-05	1.36E-05	-3.31E-04	-7.65E-06	3.65E-04	1.48E-04	-1.88E-04				
31	457.33	5.00E+00	2.03E+00	3.24E+00	-1.46E+00	-2.25E+00	2.51E+00	5.60E+00	1.44E+00	-22.24	2.03E+00	1.46E+00	
	-88.00	7.95E-05	-3.48E-05	1.18E-05	-1.12E-04	-1.73E-04	1.93E-04	1.02E-04	-5.77E-05				
32	472.67	-8.66E+00	-7.97E+00	-6.24E+00	-3.66E+00	1.38E+00	5.96E+00	-4.64E+00	-1.20E+01	-47.68	-1.09E+01	-2.57E+00	
	-68.00	-8.17E-05	-5.53E-05	1.14E-05	-2.82E-04	1.06E-04	4.59E-04	7.30E-05	-2.10E-04				
33	443.00	-7.39E-01	-7.12E-01	1.73E-01	-2.25E+00	2.80E-01	2.28E+00	1.53E+00	-2.98E+00	-45.17	-7.39E-01	-2.25E+00	
	-19.50	-1.44E-05	-1.33E-05	2.07E-05	-1.73E-04	2.15E-05	1.76E-04	7.28E-05	-1.01E-04				
34	454.00	-7.07E+00	-5.73E+00	-4.69E+00	-5.58E+00	1.65E+00	7.31E+00	-7.83E-01	-1.20E+01	-48.41	-9.29E+00	-4.81E+00	
	-11.33	-8.18E-05	-3.05E-05	1.74E-05	-4.29E-04	1.27E-04	5.63E-04	1.60E-04	-2.72E-04				
35	461.67	-2.45E+00	-3.37E+00	-1.70E+00	-5.27E+00	4.27E-01	7.59E+00	2.38E+00	-8.19E+00	-42.50	-2.45E+00	-5.27E+00	
	-12.00	-1.15E-05	-4.69E-05	1.71E-05	-4.05E-04	3.28E-05	5.84E-04	1.74E-04	-2.33E-04				
36	469.00	4.29E+00	1.44E+00	2.96E+00	-5.03E-01	-1.99E+00	3.05E+00	4.38E+00	1.35E+00	-9.72	1.44E+00	5.03E-01	
	-30.00	6.94E-05	-4.02E-05	1.85E-05	-3.87E-05	-1.53E-04	2.34E-04	7.26E-05	-4.35E-05				
37	476.33	-3.97E+00	-5.64E+00	-3.18E+00	-3.64E+00	4.58E-01	6.26E+00	-1.07E+00	-8.54E+00	-38.52	-5.46E+00	-3.68E+00	
	-12.00	-1.20E-05	-7.64E-05	1.82E-05	-2.80E-04	3.52E-05	4.82E-04	9.94E-05	-1.88E-04				
38	558.50	1.11E-01	-2.43E-01	2.58E-02	-3.04E+00	-1.06E-01	3.44E+00	2.98E+00	-3.11E+00	-43.34	1.11E-01	-3.04E+00	
	-303.00	6.41E-06	-9.65E-06	2.55E-06	-2.76E-04	-9.68E-06	3.13E-04	1.37E-04	-1.40E-04				
39	558.50	-9.54E-02	-7.28E-01	-1.27E-01	-3.03E+00	-2.13E-01	3.33E+00	2.64E+00	-3.46E+00	-42.02	-9.54E-02	-3.03E+00	
	-213.00	9.00E-06	-2.08E-05	6.58E-06	-2.76E-04	-1.94E-05	3.02E-04	1.32E-04	-1.45E-04				
40	506.17	[illegible].26E-01	-1.79E+00	8.19E-02	-6.81E+00	-4.52E-01	[illegible]E+00	6.05E+00	-7.71E+00	-41.00	1.26E-01	-6.81E[illegible]	
	-128.00	[illegible]12E-05	-3.24E-05	1.02E-05	-3.10E-04	-2.05E-05	[illegible]-04	1.46E-04	-1.67E-04				
41	556.[illegible]	[illegible].43E+00	-1.10E+00	7.93E-01	-2.97E+00	-1.70E+00	[illegible]E+00	4.12E+00	-2.79E+00	-29.65	-1.10E+00	2.97[illegible]	

	-14[illegible]	4.40E-05	-3.62E-05	6.02E-06	-1.38E-04	-7.73E-0[illegible]	[illegible]2E-04	8.25E-05	-7.46E-05			
42	610.[illegible]	-3.37E-01	-1.86E+00	-2.96E-01	-5.83E+00	-1.23E+00	[illegible]9E+00	4.76E+00	-6.98E+00	-41.29	-6.92E+00	7.9[illegible]
	-128.00	5.39E-06	-2.91E-05	6.32E-06	-2.05E-04	-5.59E-05	2.49E-04	1.22E-04	-1.45E-04			
43	501.38	7.44E-01	-1.55E-03	7.90E-01	-1.57E+00	-5.85E-01	2.03E+00	1.90E+00	-1.24E+00	-38.33	7.44E-01	-1.57E+00
	-78.00	1.17E-05	-1.70E-05	1.38E-05	-1.21E-04	-4.50E-05	1.56E-04	5.95E-05	-6.48E-05			
44	534.67	-1.06E+00	-1.57E+00	-6.79E-01	-5.00E+00	-3.62E-01	6.14E+00	3.69E+00	-6.32E+00	-43.54	-6.26E+00	6.16E-01
	-68.00	-4.33E-06	-2.40E-05	1.02E-05	-3.85E-04	-2.78E-05	4.73E-04	1.78E-04	-2.07E-04			
45	584.67	8.70E-01	5.13E-02	7.08E-01	-4.62E+00	-1.23E+00	4.41E+00	5.10E+00	-4.17E+00	-42.47	8.70E-01	-4.62E+00
	-68.00	1.56E-05	-1.59E-05	9.31E-06	-3.55E-04	-9.48E-05	3.39E-04	1.78E-04	-1.78E-04			
46	610.83	4.86E+00	7.82E-01	2.37E+00	-2.48E+00	-2.33E+00	3.53E+00	6.03E+00	-3.87E-01	-25.27	7.82E-01	2.48E+00
	-88.00	9.88E-05	-5.80E-05	3.24E-06	-1.91E-04	-1.79E-04	2.71E-04	1.44E-04	-1.03E-04			
47	482.63	1.23E-01	-5.15E-01	6.21E-01	-1.16E+00	-5.99E-01	2.31E+00	1.01E+00	-1.40E+00	-37.33	1.23E-01	-1.16E+00
	-21.00	2.23E-06	-2.23E-05	2.14E-05	-8.95E-05	-4.61E-05	1.78E-04	3.64E-05	-5.65E-05			
48	485.83	-2.45E+00	-3.76E+00	-1.87E+00	-3.36E+00	-8.79E-02	6.97E+00	3.18E-01	-6.53E+00	-39.48	-2.89E+00	-3.42E+00
	-12.00	-5.43E-06	-5.58E-05	1.68E-05	-2.59E-04	-6.76E-06	5.36E-04	1.01E-04	-1.62E-04			
49	507.88	9.95E-02	-7.43E-02	7.17E-01	-1.26E+00	-3.62E-01	2.52E+00	1.27E+00	-1.25E+00	-43.03	9.95E-02	-1.26E+00
	-21.00	-4.33E-06	-1.10E-05	1.94E-05	-9.69E-05	-2.78E-05	1.94E-04	4.09E-05	-5.62E-05			
50	538.67	-9.45E-01	-1.07E+00	-3.60E-01	-4.45E+00	-1.62E+00	5.35E+00	3.45E+00	-5.46E+00	-44.59	-5.45E+00	3.67E-01
	-10.00	-1.02E-05	-1.51E-05	1.23E-05	-3.43E-04	-1.25E-04	4.11E-04	1.59E-04	-1.84E-04			
51	484.67	1.38E+01	9.56E+00	1.03E+01	3.27E-01	-9.93E-01	7.58E-01	1.39E+01	9.54E+00	4.34	9.56E+00	-3.27E-01
	8.00	1.62E-04	-2.45E-06	2.53E-05	2.51E-05	-7.64E-05	5.83E-05	1.63E-04	-3.40E-06			
52	507.00	-3.17E+00	-3.94E+00	-2.09E+00	-2.16E+00	-7.41E-01	-2.02E+00	-1.35E+00	-5.75E+00	-39.96	-5.24E+00	-1.40E+00
	0.00	-2.08E-05	-5.04E-05	2.07E-05	-1.66E-04	-5.70E-05	-1.55E-04	4.89E-05	-1.20E-04			
53	603.00	1.76E-02	-4.06E-02	1.67E-01	-1.82E+00	-8.20E-01	1.78E+00	1.81E+00	-1.83E+00	-44.54	1.15E+00	-1.40E+00
	-18.00	-9.07E-07	-3.15E-06	4.85E-06	-1.40E-04	-6.31E-05	1.37E-04	6.80E-05	-7.20E-05			
54	712.00	1.79E-01	-3.90E-01	-6.08E-02	-2.83E+00	-2.56E-01	2.90E+00	2.74E+00	-2.95E+00	-42.14	1.78E-01	-2.83E+00
	-303.00	1.16E-05	-1.42E-05	7.76E-07	-2.57E-04	-2.33E-05	2.63E-04	1.28E-04	-1.31E-04			
55	712.00	1.57E+00	6.84E-01	9.04E-01	-3.10E+00	-8.10E-01	2.82E+00	4.26E+00	-2.01E+00	-40.94	1.57E+00	-3.10E+00
	-213.00	3.03E-05	-9.90E-06	7.98E-08	-2.82E-04	-7.36E-05	2.57E-04	1.53E-04	-1.32E-04			
56	712.00	2.20E+00	9.34E-01	8.23E-01	-2.31E+00	-1.88E+00	2.20E+00	3.96E+00	-8.31E-01	-37.37	2.20E+00	-2.31E+00
	-138.00	2.92E-05	4.97E-07	-2.02E-06	-1.05E-04	-8.53E-05	1.00E-04	6.93E-05	-3.96E-05			
57	712.00	6.48E-01	-5.41E-02	1.45E-01	-1.48E+00	-7.67E-01	1.71E+00	1.82E+00	-1.23E+00	-38.35	6.48E-01	-1.48E+00
	-78.00	1.68E-05	-1.02E-05	-2.53E-06	-1.14E-04	-5.90E-05	1.32E-04	6.20E-05	-5.54E-05			
58	712.00	7.79E-01	3.61E-01	3.43E-01	-2.01E+00	-6.73E-01	2.03E+00	2.59E+00	-1.45E+00	-42.03	7.79E-01	-2.01E+00
	-18.00	1.37E-05	-2.42E-06	-3.10E-06	-1.54E-04	-5.18E-05	1.56E-04	8.33E-05	-7.20E-05			
59	837.00	7.98E+00	4.36E+00	4.94E+00	-2.36E+00	-1.48E+00	2.47E+00	9.15E+00	3.19E+00	-26.27	4.36E+00	2.36E+00
	-318.00	1.38E-04	-2.62E-05	.00E+00	-2.15E-04	-1.35E-04	2.25E-04	1.91E-04	-7.93E-05			
60	887.00	1.02E+00	-1.14E-01	3.63E-01	-6.33E+00	-5.75E-01	5.50E+00	6.81E+00	-5.90E+00	-42.44	-5.40E+00	2.48E+00
	-288.00	2.99E-05	-2.17E-05	.00E+00	-5.75E-04	-5.23E-05	5.00E-04	2.93E-04	-2.85E-04			
61	987.00	-1.50E+00	-1.12E+00	-1.05E+00	-6.41E+00	3.10E-01	5.06E+00	5.10E+00	-7.73E+00	-45.85	-1.50E+00	-6.41E+00
	-288.00	-2.06E-05	-3.31E-06	.00E+00	-5.83E-04	2.82E-05	4.60E-04	2.80E-04	-3.04E-04			
62	1037.00	7.83E+00	4.64E+00	4.99E+00	-4.68E+00	-1.22E+00	4.06E+00	1.12E+01	1.29E+00	-35.60	4.64E+00	4.68E+00
	-318.00	1.29E-04	-1.58E-05	.00E+00	-4.26E-04	-1.11E-04	3.69E-04	2.81E-04	-1.68E-04			
63	862.00	1.63E-01	-1.53E-02	-9.76E-02	-3.21E+00	-1.94E-01	2.83E+00	3.29E+00	-3.14E+00	-44.21	1.63E-01	-3.21E+00
	-213.00	6.76E-06	-1.34E-06	-5.09E-06	-2.92E-04	-1.76E-05	2.57E-04	1.49E-04	-1.43E-04			
64	1012.00	-4.16E-01	-3.57E-01	-4.84E-01	-3.45E+00	6.83E-02	2.85E+00	3.06E+00	-3.83E+00	-45.24	-4.16E-01	-3.45E+00
	-213.00	-2.59E-06	8.88E-08	-5.67E-06	-3.13E-04	6.21E-06	2.60E-04	1.55E-04	-1.58E-04			
65	837.00	1.24E-01	1.09E-01	-4.27E-01	-2.47E+00	-5.35E-01	2.97E+00	2.59E+00	-2.36E+00	-44.92	1.09E-01	2.47E+00
	-148.00	3.83E-06	3.51E-06	-8.69E-06	-1.12E-04	-2.43E-05	1.35E-04	5.99E-05	-5.26E-05			
66	937.00	4.71E-01	-1.37E-02	-3.07E-01	-4.28E+00	-3.97E-01	3.47E+00	4.52E+00	-4.06E+00	-43.38	-2.90E+00	2.93E+00
	-128.00	5.91E-06	-1.10E-06	-7.76E-06	-1.95E-04	-1.81E-05	1.58E-04	1.02E-04	-9.31E-05			
67	1037.00	4.08E+00	6.60E-01	9.23E-01	-4.14E+00	-1.49E+00	3.93E+00	6.85E+00	-2.11E+00	-33.78	6.60E-01	4.14E+00
	-148.00	6.30E-05	-1.47E-05	-8.71E-06	-1.88E-04	-6.77E-05	1.79E-04	1.26E-04	-7.76E-05			
68	837.00	1.30E+00	9.67E-01	6.57E-01	-4.66E+00	-7.79E-01	3.93E+00	5.80E+00	-3.53E+00	-43.97	1.30E+00	-4.66E+00
	-68.00	1.79E-05	5.03E-06	-6.87E-06	-3.56E-04	-6.00E-05	3.02E-04	1.91E-04	-1.68E-04			
69	937.00	1.71E+00	-2.60E-01	1.72E-01	-2.55E+00	-8.32E-01	2.30E+00	3.46E+00	-2.01E+00	-34.44	-2.60E-01	2.55E+00
	-88.00	4.60E-05	-2.78E-05	-1.12E-05	-1.96E-04	-6.40E-05	1.77E-04	1.15E-04	-9.51E-05			
70	1037.00	-9.44E-02	-9.27E-01	-7.78E-01	-4.34E+00	1.69E-01	4.79E+00	3.84E+00	-4.87E+00	-42.26	-3.80E+00	2.85E+00
	-68.00	1.62E-05	-1.59E-05	-1.01E-05	-3.34E-04	1.30E-05	3.68E-04	1.68E-04	-1.67E-04			
71	862.00	1.11E+00	5.41E-01	3.02E-01	-1.98E+00	-6.97E-01	1.97E+00	2.82E+00	-1.18E+00	-40.92	1.11E+00	-1.98E+00
	-18.00	2.12E-05	-4.36E-07	-9.83E-06	-1.52E-04	-5.36E-05	1.51E-04	8.72E-05	-6.66E-05			
72	1012.00	-2.78E-01	-5.70E-01	-7.55E-01	-2.18E+00	7.27E-02	1.78E+00	1.76E+00	-2.61E+00	-43.08	-2.78E-01	-2.18E+00
	-18.00	6.92E-06	-4.30E-06	-1.14E-05	-1.67E-04	5.59E-06	1.37E-04	8.52E-05	-8.26E-05			
73	1387.00	-4.27E-01	-4.61E-01	-4.23E-01	-2.53E+00	-1.07E-02	1.80E+00	2.09E+00	-2.98E+00	-44.81	-4.27E-01	-2.53E+00

	-303.00	-2.38E-06	-3.94E-06	-2.19E-06	-2.30E-04	-9.73E-07	1.64E-04	1.12E-04	-1.18E-04					
74	1387.00	-3.38E-02	5.42E-02	-2.09E-01	-2.69E+00	-7.56E-02	1.70E+00	2.70E+00	-2.68E+00	-45.47	-3.38E-02	-2.69E+00		
	-213.00	9.19E-07	4.92E-06	-7.06E-06	-2.45E-04	-6.88E-06	1.63E-04	1.25E-04	-1.19E-04					
75	1387.00	8.29E-02	-1.74E-01	-6.28E-01	-1.99E+00	-2.44E-01	1.21E+00	1.94E+00	-2.04E+00	-43.15	8.29E-02	-1.99E+00		
	-138.00	5.65E-06	-1.79E-07	-1.05E-05	-9.03E-05	-1.11E-05	5.51E-05	4.80E-05	-4.25E-05					
76	1187.00	8.43E-01	5.99E-01	2.54E-01	-3.02E+00	-6.05E-01	1.27E+00	3.74E+00	-2.30E+00	-43.84	8.43E-01	-3.02E+00		
	-68.00	1.38E-05	4.41E-06	-8.86E-06	-3.32E-04	-4.65E-05	5.77E-05	1.25E-04	-1.07E-04					
77	1387.00	9.07E-01	6.27E-01	7.08E-02	-1.54E+00	-4.52E-01	1.26E+00	2.32E+00	-7.82E-01	-42.41	6.27E-01	1.54E+00		
	-88.00	1.73E-05	6.48E-06	-1.49E-05	-1.19E-04	-3.48E-05	9.66E-05	7.14E-05	-4.77E-05					
78	1587.00	2.28E-01	1.13E-01	-3.38E-01	-1.94E+00	-6.04E-03	7.56E-01	2.11E+00	-1.77E+00	-44.15	-6.28E-01	1.77E+00		
	-68.00	8.73E-06	4.32E-06	-1.30E-05	-1.49E-04	-4.65E-07	5.81E-05	8.11E-05	-6.80E-05					
79	1237.00	1.22E+00	4.35E-01	-1.71E-01	-1.67E+00	-6.28E-01	1.07E+00	2.55E+00	-8.91E-01	-38.38	1.22E+00	-1.67E+00		
	-18.00	2.69E-05	-3.37E-06	-1.35E-05	-1.29E-04	-4.83E-05	8.27E-05	7.79E-05	-5.43E-05					
80	1433.80	7.37E-01	2.01E-01	-1.72E-01	-1.98E+00	-2.97E-01	8.19E-01	2.47E+00	-1.53E+00	-41.15	7.37E-01	-1.98E+00		
	-8.00	1.09E-05	-6.93E-07	-1.50E-05	-1.52E-04	-2.29E-05	6.30E-05	8.65E-05	-6.73E-05					
81	1533.80	1.21E+00	2.68E-01	4.63E-02	-1.15E+00	-2.33E-01	5.05E-01	1.98E+00	-5.04E-01	-33.87	2.68E-01	1.15E+00		
	-28.00	2.98E-05	-6.43E-06	-1.50E-05	-8.85E-05	-1.79E-05	3.89E-05	5.95E-05	-3.61E-05					
82	1633.80	1.27E+00	4.20E-01	1.64E-01	-4.15E-01	-1.37E-02	1.02E-01	1.44E+00	2.51E-01	-22.20	2.52E-01	3.31E-02		
	-8.00	2.84E-05	-4.19E-06	-1.41E-05	-3.19E-05	-1.06E-06	7.86E-06	3.49E-05	-1.07E-05					
83	1433.80	5.02E+00	2.14E+00	2.23E+00	-1.29E+00	-1.46E+00	6.12E-01	5.51E+00	1.65E+00	-20.92	2.14E+00	1.29E+00		
	27.60	8.98E-05	-2.09E-05	-1.74E-05	-9.91E-05	-1.12E-04	4.71E-05	1.09E-04	-3.98E-05					
84	1296.10	1.78E+00	2.09E-01	2.03E-01	-1.40E+00	-7.12E-01	7.78E-01	2.61E+00	-6.14E-01	-30.35	1.08E+00	1.61E+00		
	40.70	4.45E-05	-1.61E-05	-1.63E-05	-1.08E-04	-5.48E-05	5.98E-05	7.62E-05	-4.77E-05					
85	1148.60	8.30E-01	-3.44E-01	-2.46E-01	-1.88E+00	-7.93E-01	4.54E-01	2.21E+00	-1.72E+00	-36.31	-1.41E+00	-1.07E+00		
	57.33	2.93E-05	-1.59E-05	-1.21E-05	-1.44E-04	-6.10E-05	3.49E-05	8.23E-05	-6.89E-05					
86	1131.40	6.31E+00	3.13E+00	3.00E+00	-6.36E-01	-2.60E+00	9.66E-02	6.43E+00	3.00E+00	-10.88	3.13E+00	6.36E-01		
	112.00	1.06E-04	-1.65E-05	-2.13E-05	-4.89E-05	-2.00E-04	7.43E-06	1.11E-04	-2.12E-05					
87	1019.80	1.79E+00	4.88E-01	4.16E-01	-1.96E+00	-9.84E-01	3.00E+00	3.20E+00	-9.24E-01	-35.80	4.88E-01	1.96E+00		
	34.67	3.93E-05	-1.08E-05	-1.36E-05	-1.51E-04	-7.57E-05	2.31E-04	9.36E-05	-6.52E-05					
88	886.60	9.21E-01	2.20E-01	8.55E-02	-1.58E+00	-4.78E-01	1.79E+00	2.19E+00	-1.05E+00	-38.75	9.21E-01	-1.58E+00		
	46.00	2.20E-05	-5.02E-06	-1.02E-05	-1.22E-04	-3.68E-05	1.38E-04	7.08E-05	-5.38E-05					
89	869.80	4.33E+00	1.92E+00	2.02E+00	-8.14E-01	-1.39E+00	6.96E-01	4.58E+00	1.67E+00	-17.00	1.92E+00	8.14E-01		
	96.00	7.57E-05	-1.71E-05	-1.32E-05	-6.26E-05	-1.07E-04	5.35E-05	8.53E-05	-2.66E-05					
90	952.60	7.11E-01	-2.10E+00	-9.93E-01	-2.45E+00	-7.59E-01	1.76E+00	2.13E+00	-3.52E+00	-30.10	-2.91E+00	1.75E+00		
	128.00	5.35E-05	-5.46E-05	-1.20E-05	-1.89E-04	-5.84E-05	1.96E-04	1.08E-04	-1.09E-04					
91	869.80	1.24E+00	1.47E-01	1.94E-01	-1.09E+00	-7.71E-01	4.18E-01	1.91E+00	-5.21E-01	-31.60	1.24E+00	-1.09E+00		
	160.00	3.04E-05	-1.18E-05	-9.95E-06	-8.35E-05	-5.93E-05	3.22E-05	5.61E-05	-3.74E-05					
92	869.80	5.86E+00	1.94E+00	2.45E+00	-5.08E-01	-2.67E+00	6.67E-01	5.92E+00	1.88E+00	-7.28	1.94E+00	5.08E-01		
	203.60	1.13E-04	-3.78E-05	-1.84E-05	-3.91E-05	-2.06E-04	5.13E-05	1.15E-04	-4.03E-05					
93	598.67	-1.19E-01	-9.56E-02	-4.72E-02	-3.15E+00	-1.79E+00	3.68E+00	3.05E+00	-3.26E+00	-65.11	-9.56E-02	3.15E+00		
	16.00	-1.71E-06	-7.95E-07	1.06E-06	-2.43E-04	-1.38E-04	2.83E-04	1.20E-04	-1.23E-04					
94	645.75	6.21E-01	2.42E-01	3.42E-01	-2.01E+00	-7.57E-01	1.79E+00	2.45E+00	-1.59E+00	-42.31	6.21E-01	-2.01E+00		
	24.00	1.06E-05	-3.94E-06	-7.79E-08	-1.55E-04	-5.82E-05	1.38E-04	8.11E-05	-7.44E-05					
95	613.10	8.75E-01	1.19E+00	9.43E-01	-3.40E+00	-7.04E-01	6.01E-01	4.44E+00	-2.37E+00	-46.34	8.75E-01	-3.40E+00		
	69.33	5.59E-07	1.28E-05	3.17E-06	-2.62E-04	-5.41E-05	4.62E-05	1.38E-04	-1.24E-04					
96	708.45	1.16E+00	2.02E-01	3.49E-01	-1.61E+00	-7.70E-01	1.43E+00	2.36E+00	-9.96E-01	-36.69	1.22E+00	1.59E+00		
	85.00	2.59E-05	-1.11E-05	-5.40E-06	-1.24E-04	-5.92E-05	1.10E-04	7.19E-05	-5.71E-05					
97	613.10	3.35E+00	1.55E+00	1.73E+00	-1.04E+00	-2.27E+00	8.58E-01	3.83E+00	1.08E+00	-24.65	1.55E+00	1.04E+00		
	96.00	5.59E-05	-1.31E-05	-6.40E-06	-8.03E-05	-1.75E-04	6.60E-05	7.44E-05	-3.15E-05					
98	682.27	1.17E+00	2.53E-01	3.60E-01	-2.19E+00	-7.06E-01	1.55E+00	2.95E+00	-1.53E+00	-39.08	-1.28E+00	1.02E+00		
	112.00	2.54E-05	-9.88E-06	-5.75E-06	-1.68E-04	-5.43E-05	1.19E-04	9.38E-05	-7.83E-05					
99	751.43	3.65E+00	-1.09E+00	6.69E-01	-2.49E+00	-1.85E+00	3.30E+00	4.71E+00	-2.16E+00	-23.21	-1.09E+00	2.49E+00		
	96.00	1.05E-04	-7.74E-05	-9.69E-06	-1.92E-04	-1.45E-04	2.54E-04	1.46E-04	-1.19E-04					
100	683.25	1.04E+00	1.78E-01	2.22E-01	-8.19E-01	-5.38E-01	1.12E+00	1.53E+00	-3.17E-01	-31.14	1.04E+00	-8.19E-01		
	152.00	2.41E-05	-6.06E-06	-7.28E-06	-6.30E-05	-4.14E-05	8.62E-05	4.32E-05	-2.80E-05					
101	648.67	5.30E+00	2.55E+00	2.78E+00	-4.91E-01	-1.49E+00	7.40E-01	5.39E+00	2.47E+00	-9.84	2.55E+00	4.91E-01		
	192.00	8.70E-05	-1.87E-05	-9.83E-06	-3.78E-05	-1.14E-04	5.69E-05	9.03E-05	-2.20E-05					
102	725.25	7.91E-01	-4.71E-01	-2.05E-01	-9.12E-01	-3.91E-01	7.83E-01	1.27E+00	-9.45E-01	-27.66	1.06E-01	1.11E+00		
	232.70	2.91E-05	-1.94E-05	-9.14E-06	-7.01E-05	-3.01E-05	6.02E-05	4.75E-05	-3.78E-05					
103	638.50	7.64E-01	8.14E-01	3.60E-01	-1.52E-02	-3.02E-01	-1.14E-01	8.19E-01	7.60E-01	-74.35	7.64E-01	-1.52E-02		
	256.00	8.10E-06	1.00E-05	-7.47E-06	-1.17E-06	-2.33E-05	-8.77E-06	1.02E-05	7.93E-06					
104	635.50	1.90E+00	1.28E+00	8.29E-01	7.37E-02	-1.01E+00	4.59E-02	1.90E+00	1.27E+00	6.75	1.28E+00	-7.37E-02		
	290.67	2.99E-05	5.27E-06	-1.22E-05	5.67E-06	-7.81E-05	[illegible]3E-06	2.92E-05	4.94E-06					
105	569 [illegible]	[illegible].80E-01	-1.51E-01	5.84E-02	-3.35E+00	-1.08E+00	[illegible]E+00	3.09E+00	-3.62E+00	-45.98	-3.80E-01	-3.[illegible]		

	16.	[illegible].42E-06	-6.12E-07	7.44E-06	-2.5[illegible]E-04	-[illegible].31E-05	[illegible]-04	1.24E-04	-1.34E-04				
106	508.50	[illegible].77E+00	-3.88E+00	-3.49E+00	-2.23E+00	-2.45E+00	[illegible]E-01	-2.40E+00	-7.25E+00	-56.47	-3.88E+00	2.23E[illegible]	
	13.00	-7.77E-05	-5.65E-06	1.05E-05	-1.72E-04	-1.86E-04	7.33E-05	5.16E-05	-1.35E-04				
107	521.00	-1.67E+00	-9.36E-01	-4.60E-01	-3.20E+00	-8.52E-01	1.74E+00	1.52E+00	-4.52E+00	-48.26	-1.67E+00	-3.20E+00	
	15.75	-3.04E-05	-2.76E-06	1.57E-05	-2.46E-04	-6.86E-05	1.34E-04	1.08E-04	-1.40E-04				
108	526.25	-1.43E+00	-7.64E-01	-3.93E-01	-3.54E+00	-7.54E-01	1.81E+00	2.45E+00	-4.66E+00	-47.59	-1.43E+00	-3.54E+00	
	21.00	-2.63E-05	-1.55E-06	1.35E-05	-2.72E-04	-5.60E-05	1.39E-04	1.23E-04	-1.51E-04				
109	515.50	-3.52E+00	-2.39E+00	-2.14E+00	-4.29E+00	-1.69E+00	9.66E-01	1.36E+00	-7.28E+00	-48.75	-2.39E+00	4.29E+00	
	26.00	-4.70E-05	-3.59E-06	6.32E-06	-3.30E-04	-1.30E-04	7.43E-05	1.41E-04	-1.92E-04				
110	531.50	-4.90E-01	-4.35E-01	-4.73E-02	-2.90E+00	-5.31E-01	1.55E+00	2.44E+00	-3.36E+00	-45.28	-4.90E-01	-2.90E+00	
	34.50	-8.18E-06	-6.03E-06	8.97E-06	-2.23E-04	-4.09E-05	1.19E-04	1.04E-04	-1.19E-04				
111	515.50	2.31E+00	3.44E+00	2.73E+00	-8.35E+00	-4.12E-01	1.55E-01	1.12E+01	-5.45E+00	-46.93	2.31E+00	-8.35E+00	
	44.00	-4.28E-06	3.90E-05	1.18E-05	-6.42E-04	-3.17E-05	1.19E-05	3.35E-04	-3.04E-04				
112	515.50	1.25E+00	7.17E-01	9.24E-01	-1.95E+00	-9.34E-01	7.80E-01	2.95E+00	-9.80E-01	-41.10	7.17E-01	1.95E+00	
	53.33	1.63E-05	-4.18E-06	3.77E-06	-1.50E-04	-7.18E-05	6.00E-05	8.16E-05	-6.95E-05				
113	547.50	1.16E+00	-7.80E-01	2.60E-01	-3.16E+00	-5.98E-01	2.94E+00	3.49E+00	-3.12E+00	-36.68	-1.75E+00	2.67E+00	
	64.00	3.73E-05	-3.72E-05	3.55E-06	-2.43E-04	-4.60E-05	2.26E-04	1.27E-04	-1.27E-04				
114	515.50	2.68E+00	2.95E+00	2.41E+00	-3.47E+00	-2.44E-01	9.30E-01	6.29E+00	-6.52E-01	-46.10	2.68E+00	-3.47E+00	
	74.67	1.48E-05	2.50E-05	4.41E-06	-2.67E-04	-1.88E-05	7.15E-05	1.53E-04	-1.14E-04				
115	515.50	5.65E+00	3.51E+00	3.74E+00	-1.26E+00	-7.41E-01	7.33E-01	6.23E+00	2.92E+00	-24.87	3.51E+00	1.26E+00	
	88.00	7.55E-05	-6.83E-06	2.24E-06	-9.72E-05	-5.70E-05	5.64E-05	9.80E-05	-2.93E-05				
116	547.50	3.05E+00	4.99E-02	1.32E+00	-3.96E+00	-5.35E-01	2.34E+00	5.78E+00	-2.68E+00	-34.61	-1.64E+00	2.78E+00	
	104.00	6.89E-05	-4.67E-05	2.11E-06	-3.04E-04	-4.11E-05	1.80E-04	1.74E-04	-1.52E-04				
117	515.50	1.02E+00	8.78E-01	7.07E-01	-2.77E+00	-6.17E-02	1.37E+00	3.72E+00	-1.82E+00	-44.26	1.02E+00	-2.77E+00	
	120.00	1.07E-05	5.12E-06	-1.46E-06	-2.13E-04	-4.75E-06	1.05E-04	1.15E-04	-9.88E-05				
118	515.50	4.02E+00	2.42E+00	2.47E+00	-1.07E+00	-3.24E-01	6.20E-01	4.55E+00	1.88E+00	-26.67	2.42E+00	1.07E+00	
	136.00	5.66E-05	-4.89E-06	-2.84E-06	-8.27E-05	-2.49E-05	4.77E-05	7.74E-05	-2.56E-05				
119	547.50	2.64E+00	5.92E-01	1.20E+00	-2.63E+00	-2.65E-01	1.32E+00	4.44E+00	-1.21E+00	-34.35	-5.25E-01	1.84E+00	
	152.00	5.30E-05	-2.59E-05	-2.68E-06	-2.02E-04	-2.04E-05	1.02E-04	1.22E-04	-9.51E-05				
120	515.50	1.24E+00	8.62E-01	6.04E-01	-1.82E+00	-1.10E-02	8.92E-01	2.89E+00	-7.79E-01	-42.00	1.24E+00	-1.82E+00	
	168.00	1.81E-05	3.35E-06	-6.55E-06	-1.40E-04	-8.47E-07	6.86E-05	8.12E-05	-5.98E-05				
121	515.50	5.18E+00	3.16E+00	3.10E+00	-8.50E-01	-2.81E-01	4.66E-01	5.49E+00	2.85E+00	-20.02	3.16E+00	8.50E-01	
	184.00	7.36E-05	-4.18E-06	-6.58E-06	-6.54E-05	-2.16E-05	3.57E-05	8.55E-05	-1.61E-05				
122	547.50	1.62E+00	-1.05E+00	1.75E-03	-2.96E+00	-1.81E-01	1.83E+00	3.53E+00	-2.96E+00	-32.83	-2.29E+00	1.98E+00	
	200.00	5.61E-05	-4.68E-05	-6.70E-06	-2.28E-04	-1.39E-05	1.41E-04	1.30E-04	-1.20E-04				
123	515.50	-8.00E-01	-1.45E+00	-1.30E+00	-1.32E+00	2.57E-01	1.19E+00	2.34E-01	-2.49E+00	-38.05	-8.00E-01	-1.32E+00	
	216.00	8.34E-06	-1.68E-05	-1.10E-05	-1.02E-04	1.98E-05	9.15E-05	4.81E-05	-5.66E-05				
124	515.50	1.67E+00	9.00E-01	6.93E-01	-3.62E-01	4.28E-01	3.07E-01	1.81E+00	7.57E-01	-21.64	9.00E-01	3.62E-01	
	232.00	2.83E-05	-1.21E-06	-9.20E-06	-2.78E-05	3.29E-05	2.36E-05	3.38E-05	-6.73E-06				
125	547.50	8.84E-01	4.15E-01	2.05E-01	-7.11E-01	2.33E-01	7.64E-01	1.40E+00	-9.85E-02	-35.87	1.08E-01	5.17E-01	
	248.00	1.75E-05	-5.56E-07	-8.67E-06	-5.47E-05	1.80E-05	5.88E-05	3.73E-05	-2.03E-05				
126	515.50	-1.32E+00	-2.04E+00	-1.80E+00	1.46E-01	4.35E-01	1.24E+00	-1.29E+00	-2.07E+00	11.01	-1.32E+00	1.46E-01	
	264.00	5.95E-06	-2.18E-05	-1.25E-05	1.12E-05	3.35E-05	9.52E-05	7.04E-06	-2.25E-05				
127	515.50	9.21E-01	5.11E-01	2.96E-01	-1.64E-01	9.16E-01	1.71E-01	9.79E-01	4.53E-01	-19.36	5.11E-01	1.64E-01	
	276.00	1.64E-05	6.68E-07	-7.61E-06	-1.26E-05	7.05E-05	1.31E-05	1.87E-05	-1.55E-06				
128	531.50	-4.67E-01	-3.21E-01	-6.80E-01	-8.85E-02	3.91E-01	9.70E-02	-2.79E-01	-5.05E-01	-64.78	-4.67E-01	-8.85E-02	
	297.00	-1.83E-06	3.79E-06	-1.00E-05	-6.81E-06	3.01E-05	7.46E-06	5.40E-06	-3.44E-06				
129	515.50	-2.57E+00	-2.42E+00	-2.42E+00	4.38E-01	4.25E-01	8.51E-01	-2.05E+00	-2.94E+00	49.69	-2.57E+00	4.38E-01	
	320.00	-1.73E-05	-1.17E-05	-1.16E-05	3.37E-05	3.27E-05	6.55E-05	2.53E-06	-3.16E-05				
183	565.50	-3.48E-02	-2.00E-01	3.32E-01	-4.99E+00	-1.42E+00	3.98E+00	4.88E+00	-5.11E+00	-44.53	-3.48E-02	-4.99E+00	
	-8.00	-2.40E-06	-8.77E-06	1.17E-05	-3.84E-04	-1.09E-04	3.06E-04	1.86E-04	-1.98E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3970E+02	.2510E+03	-.1569E+03	-.5662E+02	-.1408E+03	.9332E+02

7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.7635E+01	-.3516E+01	-.1873E+01	-.0000E+00	.3738E+02	.4565E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.7240E+01	.1250E+01	-.9040E+00	-.7373E+02	.8492E+02	.8237E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1005E+02	-.2257E+01	-.2773E+00	-.1029E+03	.1320E+03	.1204E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1122E+02	.1685E+01	-.2783E+00	-.1328E+03	.1789E+03	.1617E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.6230E-01	.9994E+00	-.7288E+00	-.1792E+03	.2260E+03	.2106E+03
25	-.3381E+02	-.3879E+01	-.2129E+00	-.2243E+03	.2489E+03	.2580E+03
26	.1861E+02	.2412E+01	-.1449E+00	-.2423E+03	.2630E+03	.2928E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1143E+03	.2280E+02	-.4396E+01	-.2471E+03	.3609E+03	.3206E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2281E+04	-.3859E+03	.8948E+01	-.3502E+03	.9535E+03	.5056E+03
40	-.1518E+04	-.2294E+03	-.9967E+01	-.3274E+03	.9418E+03	.4640E+03
41	-.9170E+03	-.1150E+03	-.2351E+02	-.2817E+03	.8542E+03	.4034E+03
42	-.1942E+03	-.8593E+01	-.1923E+02	-.2464E+03	.6092E+03	.3518E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1866E+04	.2355E+03	.1002E+02	-.4439E+02	.9985E+03	-.2538E+03
48	.1606E+04	.2049E+03	.1119E+02	-.1287E+03	.9215E+03	-.1827E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3190E+04	.4869E+03	.1477E+02	.4029E+01	.6764E+03	-.7818E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.7573E+01	-.2182E+02	.5527E+00	-.2434E+02	.9838E+03	-.2377E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2187E+04	.3327E+03	.1472E+02	-.3351E+02	.5495E+03	-.7372E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1536E+04	.2349E+03	.1980E+02	-.2916E+02	.5205E+03	-.7169E+03
66	.5270E+03	.8283E+02	.2499E+02	-.2531E+02	.4435E+03	-.7462E+03
67	-.1035E+04	-.1520E+03	.2510E+02	-.2674E+02	.3661E+03	-.7452E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1543E+04	-.2735E+03	.2129E+02	-.1118E+03	.3040E+03	-.7373E+03
76	.1964E+03	.3176E+02	.1494E+02	-.1414E+03	.2159E+03	-.7446E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2760E+03	-.1152E+03	.1099E+02	-.1582E+03	.1028E+03	-.7199E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3230E+03	.4905E+02	.8031E+01	-.2044E+03	.3145E+02	-.7001E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4557E+03	-.6876E+02	.7153E+01	-.1667E+03	-.6685E+02	-.6487E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2910E+03	.4263E+02	.5983E+01	-.1497E+03	-.1278E+03	-.5933E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3358E+03	-.5219E+02	.6126E+01	-.1471E+03	-.2100E+03	-.5335E+03
109	.1956E+03	.2696E+02	.5368E+01	-.1464E+03	-.2678E+03	-.4620E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2618E+03	-.4535E+02	.5277E+01	-.9278E+02	-.3308E+03	-.3823E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1663E+03	-.2839E+02	.1348E+01	-.5770E+02	-.3639E+03	-.3007E+03
115	-.2781E+02	-.7835E+01	.2176E+00	-.2570E+02	-.3692E+03	-.2162E+03
116	-.1355E+03	-.2453E+02	-.7540E+00	-.2878E+01	-.3937E+03	-.1607E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1282E+03	-.2369E+02	-.2055E+01	-.2978E+02	-.4090E+03	-.1449E+03
119	-.7261E+02	-.1509E+02	-.3062E+01	.3517E+02	-.3756E+03	-.8012E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2379E+03	-.3221E+02	-.1448E+02	.3845E+02	-.3354E+03	-.4002E+02
122	-.2028E+03	-.1753E+02	-.2569E+02	-.1193E+02	-.3260E+03	-.4373E+02
123	-.1558E+03	-.1204E+02	-.2270E+02	-.8610E+01	-.2860E+03	-.3971E+02
124	-.1159E+03	-.8685E+01	-.1564E+02	-.6299E+01	-.2366E+03	-.3646E+02
125	-.7813E+02	-.4838E+01	-.1147E+02	-.4374E+01	-.1967E+03	-.3334E+02
126	-.2813E+02	.3181E+01	-.1072E+02	-.1940E+01	-.1672E+03	-.3001E+02
127	.9180E+01	.9489E+01	-.1101E+02	-.2437E+00	-.1446E+03	-.2570E+02
128	.4811E+02	.1492E+02	-.1073E+02	.3751E+01	-.9751E+02	-.2079E+02
129	.5015E+02	.1318E+02	-.9249E+01	.5450E+01	-.5864E+02	-.1635E+02
130	.3564E+02	.8227E+01	-.7035E+01	.5100E+01	-.2972E+02	-.1308E+02
131	.9714E+01	.1530E+01	-.4984E+01	.5386E+01	-.1288E+02	-.1089E+02
132	-.1028E+01	-.6923E+00	-.3716E+01	.3602E+01	-.1218E+02	-.9250E+01
133	-.1791E+01	-.5596E+00	-.3369E+01	[illegible]E+01	-.1269E+02	-.7704E+01
134	-.5093E+00	-.1789E+00	-.3335E+01	[illegible]E+01	-.1051E+02	-.6042E+01

	-.3227E-01	-.2255E-01	-.3745E+01	.1[illegible]01	-.7441E+01	-.4454E+01
[illegible]	.1334E-01	-.2440E-01	-.4969E+01	.99[illegible]00	-.4838E+01	-.2978E+01
137	.7544E-01	.2429E-01	-.7721E+01	.7433E+00	-.2200E+01	-.1633E+01
138	-.1305E-01	-.1523E+00	-.1204E+03	.5672E+00	.6030E+00	-.8366E+00
139	-.1150E+00	-.1864E+00	.1736E+02	.8303E-01	-.3280E+00	.3438E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.16610E-02	.74027E-05	-.17484E-02	.00000E+00
3	.28506E-02	.53422E-04	-.28185E-02	.00000E+00
4	.29580E-02	.69504E-04	-.28752E-02	.00000E+00
5	.30227E-02	-.46287E-04	-.30237E-02	.00000E+00
6	.31193E-02	.11954E-04	-.31166E-02	.65065E-05
7	.30796E-02	.33925E-03	-.31581E-02	.00000E+00
8	.31289E-02	.27329E-03	-.31605E-02	.15969E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.16955E-02	.95264E-04	-.17356E-02	.00000E+00
11	.28040E-02	.21974E-03	-.29344E-02	.00000E+00
12	.29351E-02	.30425E-03	-.31108E-02	.00000E+00
13	.30799E-02	.25994E-03	-.32176E-02	.00000E+00
14	.31269E-02	.41230E-03	-.32859E-02	.37287E-05
15	.30075E-02	.71465E-03	-.35012E-02	.00000E+00
16	.31343E-02	.69388E-03	-.34877E-02	.18995E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.16502E-02	.21737E-03	-.19018E-02	.00000E+00
19	.27761E-02	.51156E-03	-.32523E-02	.00000E+00
20	.28738E-02	.69208E-03	-.33652E-02	.00000E+00
21	.30653E-02	.59300E-03	-.36257E-02	.00000E+00
22	.31325E-02	.79293E-03	-.37669E-02	.37275E-05
23	.30159E-02	.12401E-02	-.40629E-02	.00000E+00
24	.31473E-02	.12325E-02	-.41268E-02	.61222E-05
25	.31587E-02	.13934E-02	-.43445E-02	.22522E-05
26	.31670E-02	.14595E-02	-.44693E-02	.73192E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.14440E-02	.43507E-03	-.20701E-02	.00000E+00
29	.25578E-02	.10117E-02	-.36178E-02	.00000E+00
30	.28303E-02	.12658E-02	-.39159E-02	.00000E+00
31	.31071E-02	.14368E-02	-.42895E-02	.00000E+00
32	.31704E-02	.16314E-02	-.46060E-02	.15618E-04
33	.30287E-02	.17947E-02	-.43592E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.13215E-02	.51162E-03	-.21014E-02	.00000E+00
36	.24079E-02	.12402E-02	-.37088E-02	.00000E+00
37	.27746E-02	.14324E-02	-.39992E-02	.00000E+00
38	.30221E-02	.19345E-02	-.44911E-02	.00000E+00
39	.32546E-02	.23783E-02	-.48713E-02	.58543E-05
40	.32498E-02	.22567E-02	-.48123E-02	.13584E-04
41	.32456E-02	.20961E-02	-.47560E-02	.16778E-04
42	.32071E-02	.18975E-02	-.46850E-02	.17603E-04
43	.22838E-02	.16655E-02	-.40538E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.78238E-03	.45069E-03	-.19708E-02	.00000E+00
46	.18393E-02	.12191E-02	-.36767E-02	.00000E+00
47	.32168E-02	.23961E-02	-.48990E-02	-.20379E-06
48	.32564E-02	.23327E-02	-.48906E-02	.22556E-05
49	.29941E-02	.19262E-02	-.44769E-02	.00000E+00
50	.32525E-02	.24070E-02	-.48854E-02	-.65888E-06
51	.26244E-02	.19557E-02	-.44997E-02	.00000E+00
52	.30312E-02	.22116E-02	-.47647E-02	.00000E+00
53	.32602E-02	.23653E-02	-.49293E-02	-.37217E-05
54	.19962E-02	.13522E-02	-.38448E-02	.00000E+00

55	.23024E-02	.16254E-02	-.41536E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.52613E-03	.21494E-03	-.14930E-02	.00000E+00
58	.11550E-02	.48264E-03	-.26699E-02	.00000E+00
59	.28356E-02	.13768E-02	-.46056E-02	.00000E+00
60	.28944E-02	.21526E-02	-.46397E-02	.00000E+00
61	.32580E-02	.24156E-02	-.48863E-02	-.29293E-05
62	.15067E-02	.80453E-03	-.31810E-02	.00000E+00
63	.19307E-02	.10904E-02	-.39164E-02	.00000E+00
64	.30929E-02	.22587E-02	-.47880E-02	.00000E+00
65	.32695E-02	.24233E-02	-.48866E-02	-.46129E-05
66	.33047E-02	.24388E-02	-.48869E-02	-.69418E-05
67	.33494E-02	.24559E-02	-.48888E-02	-.76066E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.28989E-03	.10309E-03	-.76231E-03	.00000E+00
70	.98018E-03	.52910E-03	-.24210E-02	.00000E+00
71	.22757E-02	.13993E-02	-.43162E-02	.00000E+00
72	.31126E-02	.22641E-02	-.47966E-02	.00000E+00
73	.12248E-02	.70079E-03	-.25261E-02	.00000E+00
74	.33132E-02	.24054E-02	-.48757E-02	.00000E+00
75	.33936E-02	.24703E-02	-.48876E-02	-.70817E-05
76	.34734E-02	.25022E-02	-.48802E-02	-.64095E-05
77	.16925E-02	.10286E-02	-.34091E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.20487E-03	.12232E-03	-.94874E-03	.00000E+00
80	.59387E-03	.33340E-03	-.19033E-02	.00000E+00
81	.66460E-03	.42969E-03	-.19591E-02	.00000E+00
82	.90499E-03	.63025E-03	-.29864E-02	.00000E+00
83	.25775E-02	.17389E-02	-.46066E-02	.00000E+00
84	.18590E-02	.12240E-02	-.40995E-02	.00000E+00
85	.35715E-02	.25412E-02	-.48683E-02	-.57152E-05
86	.34207E-02	.25107E-02	-.49068E-02	.00000E+00
87	.14177E-02	.87210E-03	-.30245E-02	.00000E+00
88	.31875E-02	.22094E-02	-.48168E-02	.00000E+00
89	.36572E-02	.25808E-02	-.48513E-02	-.51734E-05
90	.20101E-03	.60364E-04	.84426E-03	.00000E+00
91	.43532E-03	.10622E-03	.43572E-03	.00000E+00
92	.75557E-03	.23636E-03	.24197E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.16190E-03	.00000E+00	.72546E-03	.00000E+00
95	-.12576E-03	.00000E+00	.12040E-02	.00000E+00
96	.15338E-05	.00000E+00	.11899E-02	.00000E+00
97	-.33174E-04	.00000E+00	.14744E-02	.00000E+00
98	-.12802E-03	.00000E+00	.15544E-02	.00000E+00
99	.16465E-03	.27194E-04	.14135E-02	.00000E+00
100	.13221E-02	.45602E-03	-.90060E-03	.00000E+00
101	.24001E-02	.13269E-02	-.41121E-02	.00000E+00
102	.37715E-02	.26421E-02	-.48225E-02	-.41916E-05
103	.27360E-02	.19350E-02	-.48493E-02	.00000E+00
104	.36569E-02	.26661E-02	-.49377E-02	.00000E+00
105	.38553E-02	.26986E-02	-.47795E-02	-.27822E-05
106	.30750E-02	.23141E-02	-.51885E-02	.00000E+00
107	.37267E-02	.27752E-02	-.48758E-02	.00000E+00
108	.39152E-02	.27406E-02	-.47317E-02	-.25900E-05
109	.39804E-02	.27795E-02	-.46657E-02	-.24763E-05
110	.36710E-02	.29465E-02	-.52222E-02	.00000E+00
111	.39257E-02	.29592E-02	-.49239E-02	.00000E+00
112	.40327E-02	.28241E-02	-.45941E-02	-.21261E-05
113	.38452E-02	.28353E-02	-.50484E-02	.00000E+00
114	.40678E-02	.28424E-02	-.44971E-02	.74542E-07
115	.40423E-02	.28713E-02	-.43982E-02	.67794E-06
	.40386E-02	.28722E-02	-.42674E-02	.68778E-06
	.39487E-02	.30320E-02	-.48474E-02	.00000E+00
	.40352E-02	.28789E-02	-.42055E-02	.13586E-05

	.40014E-02	.23190E-02	-.40594E-02	.75648E-06
120	.30571E-02	.30729E-02	-.45219E-02	.00000E+00
121	.39960E-02	.28762E-02	-.39521E-02	-.12848E-07
122	.39951E-02	.28762E-02	-.39523E-02	.57727E-07
123	.39953E-02	.28755E-02	-.39292E-02	.22046E-06
124	.39942E-02	.28733E-02	-.39162E-02	.53300E-06
125	.39916E-02	.28685E-02	-.39010E-02	.11103E-05
126	.39927E-02	.28513E-02	-.38755E-02	.23415E-05
127	.39681E-02	.28225E-02	-.38498E-02	.34338E-05
128	.39237E-02	.27270E-02	-.37970E-02	.51486E-05
129	.38589E-02	.26011E-02	-.37472E-02	.62113E-05
130	.37998E-02	.24293E-02	-.36928E-02	.69185E-05
131	.36909E-02	.21306E-02	-.36105E-02	.67124E-05
132	.35994E-02	.18199E-02	-.35405E-02	.66059E-05
133	.35211E-02	.15210E-02	-.34804E-02	.65213E-05
134	.34604E-02	.12298E-02	-.34332E-02	.63582E-05
135	.34129E-02	.93904E-03	-.33968E-02	.64736E-05
136	.33771E-02	.64403E-03	-.33695E-02	.64956E-05
137	.33565E-02	.35397E-03	-.33544E-02	.65538E-05
138	.33428E-02	.51605E-04	-.33429E-02	.64311E-05
139	.33428E-02	.64639E-05	-.33428E-02	.64605E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.35E-02	2.35E-02	1.15E-03	2.08E-01	5.36E-03	-2.17E-01	2.27E-01	-1.96E-01	45.68	1.35E-02	2.08E-01
	-303.00	1.20E-07	5.71E-07	-4.43E-07	1.90E-05	4.87E-07	-1.97E-05	9.82E-06	-9.13E-06			
2	72.00	4.38E-03	2.61E-02	-1.19E-02	1.50E-01	4.69E-03	-1.53E-01	1.66E-01	-1.35E-01	47.07	4.38E-03	1.50E-01
	-213.00	-4.20E-09	9.47E-07	-7.84E-07	1.36E-05	4.26E-07	-1.39E-05	7.30E-06	-6.39E-06			
3	72.00	-1.31E-02	3.41E-02	-3.17E-02	7.44E-02	-1.22E-02	-9.21E-02	8.86E-02	-6.76E-02	53.79	-1.31E-02	7.44E-02
	-138.00	-2.41E-07	8.31E-07	-6.64E-07	3.38E-06	-5.56E-07	-4.19E-06	2.07E-06	-1.48E-06			
4	24.00	2.75E-01	2.72E-01	3.45E-01	1.24E-01	-6.91E-02	-1.63E-01	3.98E-01	1.50E-01	44.62	2.75E-01	1.24E-01
	-68.00	7.91E-07	6.64E-07	3.45E-06	9.53E-06	-5.31E-06	-1.25E-05	5.49E-06	-4.04E-06			
5	72.00	-1.86E-01	-1.29E-01	-2.15E-01	8.65E-02	-6.54E-03	-7.03E-02	-6.66E-02	-2.48E-01	54.04	-1.29E-01	-8.65E-02
	-88.00	-1.32E-06	8.50E-07	-2.44E-06	6.65E-06	-5.03E-07	-5.41E-06	3.26E-06	-3.73E-06			
6	120.00	-1.23E-01	-1.47E-01	-1.61E-01	7.99E-02	8.29E-03	-8.05E-02	-5.43E-02	-2.16E-01	40.77	-5.86E-02	-2.61E-02
	-68.00	3.19E-09	-9.10E-07	-1.46E-06	6.15E-06	6.38E-07	-6.89E-06	2.65E-06	-3.56E-06			
7	36.25	-4.87E-03	-1.83E-02	-3.67E-02	7.54E-02	-6.37E-03	-6.28E-02	6.41E-02	-8.73E-02	42.46	-7.48E-03	7.56E-02
	-19.00	4.71E-07	-4.55E-08	-7.55E-07	5.80E-06	-4.90E-07	-4.83E-06	3.12E-06	-2.70E-06			
8	108.00	-8.05E-03	1.32E-02	-3.22E-02	1.57E-02	-4.45E-03	-4.67E-02	2.16E-02	-1.64E-02	62.01	-8.05E-03	1.57E-02
	-19.00	-1.21E-08	8.05E-07	-9.42E-07	1.21E-06	-3.42E-07	-3.60E-06	1.13E-06	-3.34E-07			
9	216.00	5.12E-02	9.29E-02	4.72E-02	2.09E-01	-2.63E-03	-2.26E-01	2.82E-01	-1.38E-01	47.85	5.12E-02	2.09E-01
	-303.00	-1.57E-07	1.74E-06	-3.38E-07	1.90E-05	-2.40E-07	-2.06E-05	1.03E-05	-8.76E-06			
10	216.00	3.98E-02	9.66E-02	2.25E-02	1.52E-01	-7.05E-03	-1.69E-01	2.23E-01	-8.68E-02	50.28	3.98E-02	1.52E-01
	-213.00	-2.54E-07	2.33E-06	-1.04E-06	1.39E-05	-6.41E-07	-1.54E-05	8.08E-06	-6.01E-06			
11	216.00	-1.44E-02	8.17E-02	-7.08E-02	9.08E-02	-1.64E-02	-1.14E-01	1.36E-01	-6.91E-02	58.95	-1.44E-02	9.08E-02
	-138.00	-3.10E-07	1.68E-06	-1.59E-06	4.13E-06	-7.45E-07	-5.20E-06	3.12E-06	-1.55E-06			
12	168.00	1.46E-01	3.12E-01	1.45E-01	1.61E-01	-3.76E-02	-1.54E-01	4.09E-01	4.82E-02	58.64	1.46E-01	1.61E-01
	-68.00	-1.01E-06	5.36E-06	-1.05E-06	1.23E-05	-2.89E-06	-1.19E-05	9.12E-06	-4.77E-06			
13	216.00	-2.00E-01	-1.13E-01	-2.25E-01	1.01E-01	-2.52E-02	-5.09E-02	-4.68E-02	-2.66E-01	56.69	-1.13E-01	-1.01E-01
	-88.00	-1.78E-06	1.56E-06	-2.74E-06	7.74E-06	-1.93E-06	-3.92E-06	4.11E-06	-4.32E-06			
14	264.00	-1.04E-01	-1.50E-01	-1.83E-01	8.98E-02	6.64E-03	-1.09E-01	-3.40E-02	-2.19E-01	37.64	-4.24E-02	-3.87E-02
	-68.00	8.04E-07	-9.60E-07	-2.24E-06	6.91E-06	5.10E-07	-8.42E-06	3.49E-06	-3.64E-06			
15	180.00	-5.66E-02	-1.42E-02	-8.62E-02	8.64E-02	-2.32E-02	-4.38E-02	5.36E-02	-1.24E-01	51.88	-5.66E-02	8.64E-02
	-19.00	-4.51E-07	1.19E-06	-1.59E-06	6.65E-06	-1.78E-06	-3.37E-06	3.79E-06	-3.06E-06			
16	252.00	8.00E-03	3.94E-02	-5.48E-02	1.92E-02	-1.01E-02	-5.04E-02	4.85E-02	-1.08E-03	64.66	8.00E-03	1.92E-02
	-19.00	3.89E-07	1.60E-06	-2.03E-06	1.47E-06	-7.78E-07	-3.88E-06	1.95E-06	3.98E-08			
17	361.00	8.61E-02	1.81E-01	8.83E-02	1.97E-01	3.49E-04	-2.48E-01	3.37E-01	-6.92E-02	51.79	8.61E-02	1.97E-01
	-303.00	-7.06E-07	3.62E-06	-6.08E-07	1.79E-05	3.17E-08	-2.25E-05	1.07E-05	-7.77E-06			
18	361.00	4.34E-02	1.82E-01	3.86E-02	1.64E-01	-1.73E-03	-1.94E-01	2.91E-01	-6.53E-02	56.45	4.34E-02	1.64E-01

	-213.00	-1.45E-06	4.54E-06	-1.67E-06	1.49E-05	-1.56E-07	-1.76E-05	9.78E-06	-6.40E-06				
19	361.00	-3.14E-02	1.51E-01	-9.09E-02	1.53E-01	-1.27E-02	-1.46E-01	2.39E-01	-1.19E-01	60.39	-3.14E-02	1.53E-01	
	-138.00	-8.66E-07	3.22E-06	-2.22E-06	6.97E-06	-5.76E-07	-6.64E-06	5.27E-06	-2.85E-06				
20	312.00	2.53E-01	4.74E-01	2.22E-01	2.31E-01	-5.43E-02	-2.26E-01	6.19E-01	1.08E-01	57.77	2.53E-01	2.31E-01	
	-68.00	-6.96E-07	7.80E-06	-1.90E-06	1.78E-05	-4.19E-06	-1.74E-05	1.34E-05	-6.28E-06				
21	360.67	-3.12E-01	-2.82E-01	-3.46E-01	1.69E-01	-2.84E-02	-5.45E-02	-1.28E-01	-4.66E-01	47.61	-2.82E-01	-1.69E-01	
	-88.00	-1.68E-06	-4.99E-07	-2.55E-06	1.30E-05	-2.19E-06	-7.27E-06	5.42E-06	-7.60E-06				
22	409.33	2.34E-01	3.39E-01	1.33E-01	1.89E-01	-5.62E-03	-2.34E-01	4.82E-01	9.00E-02	52.77	4.82E-01	1.23E-02	
	-68.00	1.23E-06	5.27E-06	-2.63E-06	1.45E-05	-4.32E-07	-1.80E-05	1.08E-05	-4.29E-06				
23	324.00	-6.13E-02	-1.17E-02	-1.30E-01	1.20E-01	-3.96E-02	-6.17E-02	8.65E-02	-1.55E-01	50.82	-6.13E-02	1.20E-01	
	-19.00	-2.40E-07	1.67E-06	-2.49E-06	9.27E-06	-3.05E-06	-4.75E-06	5.44E-06	-4.02E-06				
24	372.00	2.17E-03	5.59E-02	-7.92E-02	1.49E-01	-4.20E-02	-1.35E-01	1.80E-01	-1.22E-01	50.11	2.17E-03	1.49E-01	
	-9.33	3.15E-07	2.38E-06	-2.91E-06	1.15E-05	-3.23E-06	-1.04E-05	7.17E-06	-4.47E-06				
25	401.25	-2.20E-02	-1.66E-02	-1.23E-01	5.92E-02	-1.76E-02	-8.83E-02	3.89E-02	-7.95E-02	45.83	-7.41E-02	2.47E-02	
	-19.00	9.53E-07	1.09E-06	-2.94E-06	4.55E-06	-1.36E-06	-6.79E-06	3.30E-06	-1.26E-06				
26	427.67	3.47E-01	5.81E-01	2.71E-01	2.00E-01	-5.63E-02	-2.25E-01	6.96E-01	2.32E-01	60.12	4.88E-01	2.31E-01	
	-9.33	1.78E-07	5.17E-06	-2.76E-06	1.54E-05	-4.33E-06	-1.73E-05	1.36E-05	-4.25E-06				
27	457.00	1.10E-01	2.55E-01	1.22E-01	1.78E-01	4.72E-03	-2.61E-01	3.75E-01	-1.01E-02	56.07	1.10E-01	1.78E-01	
	-303.00	-1.33E-06	5.26E-06	-7.69E-07	1.62E-05	4.29E-07	-2.37E-05	1.07E-05	-6.78E-06				
28	457.00	3.29E-02	2.58E-01	5.28E-02	1.71E-01	8.05E-03	-2.12E-01	3.50E-01	-5.93E-02	61.66	3.29E-02	1.71E-01	
	-213.00	-2.96E-06	7.25E-06	-2.06E-06	1.55E-05	7.32E-07	-1.93E-05	1.14E-05	-7.15E-06				
29	457.00	-1.41E-01	1.25E-01	-1.51E-01	2.13E-01	1.44E-02	-1.67E-01	2.44E-01	-2.59E-01	60.99	-1.41E-01	2.13E-01	
	-138.00	-2.33E-06	3.72E-06	-2.55E-06	9.70E-06	6.57E-07	-7.61E-06	6.41E-06	-5.02E-06				
30	442.00	3.73E-01	8.36E-01	3.95E-01	3.51E-01	-6.06E-03	-2.95E-01	1.02E+00	1.84E-01	61.69	3.73E-01	3.51E-01	
	-68.00	-3.27E-06	1.45E-05	-2.44E-06	2.70E-05	-4.67E-07	-2.27E-05	2.18E-05	-1.05E-05				
31	457.33	-3.18E-01	1.35E-01	-1.71E-01	7.62E-02	8.95E-02	-1.59E-01	1.47E-01	-3.30E-01	60.69	1.35E-01	-7.62E-02	
	-88.00	-8.33E-06	9.07E-06	-2.68E-06	5.86E-06	6.88E-06	-1.22E-05	9.55E-06	-8.81E-06				
32	472.67	1.01E+00	1.60E+00	9.49E-01	2.39E-01	-4.43E-02	-3.31E-01	1.68E+00	9.24E-01	70.53	1.23E+00	3.73E-01	
	-68.00	-2.99E-07	2.24E-05	-2.59E-06	1.84E-05	-3.40E-06	-2.54E-05	2.57E-05	-3.55E-06				
33	443.00	4.03E-02	1.84E-01	-1.80E-02	2.33E-01	-2.44E-02	-1.30E-01	3.59E-01	-1.26E-01	53.08	4.93E-02	2.33E-01	
	-19.50	-4.72E-07	4.72E-06	-3.06E-06	1.79E-05	-1.88E-06	-9.99E-06	1.15E-05	-7.21E-06				
34	454.00	9.15E-01	1.12E+00	7.06E-01	4.01E-01	-8.38E-02	-3.21E-01	1.43E+00	6.02E-01	52.08	1.09E+00	4.08E-01	
	-11.33	5.09E-06	1.29E-05	-2.93E-06	3.09E-05	-6.45E-06	-2.47E-05	2.49E-05	-6.93E-06				
35	461.67	9.15E-01	1.42E+00	8.30E-01	3.59E-01	-2.90E-02	-3.51E-01	1.61E+00	7.29E-01	62.61	9.15E-01	3.59E-01	
	-12.00	3.85E-07	1.99E-05	-2.88E-06	2.76E-05	-2.23E-06	-2.70E-05	2.71E-05	-6.77E-06				
36	469.00	-5.23E-01	9.19E-03	-3.19E-01	3.34E-02	7.46E-02	-1.69E-01	1.13E-02	-5.25E-01	66.42	9.19E-03	-3.34E-02	
	-30.00	-1.09E-05	9.51E-06	-3.13E-06	2.57E-06	5.74E-06	-1.30E-05	9.59E-06	-1.10E-05				
37	476.33	1.08E+00	1.67E+00	9.86E-01	2.99E-01	-2.96E-02	-3.13E-01	1.79E+00	9.52E-01	67.34	1.22E+00	3.90E-01	
	-12.00	4.35E-07	2.31E-05	-3.08E-06	2.30E-05	-2.28E-06	-2.41E-05	2.79E-05	-4.36E-06				
38	558.50	8.31E-02	2.39E-01	1.02E-01	1.26E-01	1.43E-02	-2.54E-01	3.09E-01	1.24E-02	60.79	8.31E-02	1.26E-01	
	-303.00	-1.72E-06	5.35E-06	-8.81E-07	1.15E-05	1.30E-06	-2.31E-05	8.56E-06	-4.93E-06				
39	558.50	3.25E-02	2.53E-01	5.98E-02	1.28E-01	3.08E-02	-2.19E-01	3.46E-01	-1.99E-02	67.74	3.25E-02	1.28E-01	
	-213.00	-3.53E-06	8.32E-06	-2.29E-06	1.16E-05	2.80E-06	-1.99E-05	1.07E-05	-5.91E-06				
40	506.17	-1.21E-01	7.48E-01	4.12E-02	2.89E-01	4.13E-02	-3.93E-01	8.35E-01	-2.08E-01	73.20	-1.21E-01	2.89E-01	
	-128.00	-6.25E-06	1.35E-05	-2.57E-06	1.31E-05	1.88E-06	-1.79E-05	1.85E-05	-8.23E-06				
41	558.50	-5.16E-01	4.19E-01	-2.18E-01	1.76E-01	1.34E-01	-2.55E-01	4.50E-01	-5.48E-01	79.68	4.18E-01	-1.76E-01	
	-148.00	-1.01E-05	1.12E-05	-3.29E-06	8.00E-06	6.10E-06	-1.16E-05	1.19E-05	-1.08E-05				
42	610.83	1.05E-02	6.94E-01	3.93E-02	1.90E-01	1.25E-01	-3.05E-01	7.44E-01	-3.89E-02	75.45	6.26E-01	2.80E-01	
	-128.00	-3.66E-06	1.19E-05	-3.01E-06	8.65E-06	5.67E-06	-1.39E-05	1.30E-05	-4.79E-06				
43	501.38	-1.97E-01	1.45E-01	-1.29E-01	8.87E-02	3.98E-02	-1.43E-01	1.67E-01	-2.19E-01	76.31	-1.97E-01	8.87E-02	
	-78.00	-5.60E-06	7.57E-06	-2.96E-06	6.82E-06	3.06E-06	-1.10E-05	8.40E-06	-6.43E-06				
44	534.67	1.71E-01	6.78E-01	2.19E-01	3.09E-01	3.89E-02	-3.25E-01	8.24E-01	2.51E-02	64.72	7.73E-01	1.96E-01	
	-68.00	-5.17E-06	1.44E-05	-3.31E-06	2.37E-05	2.99E-06	-2.50E-05	2.00E-05	-1.08E-05				
45	584.67	8.34E-03	3.58E-01	3.63E-02	9.52E-02	9.67E-02	-2.52E-01	3.82E-01	-1.59E-02	75.70	8.34E-03	9.52E-02	
	-68.00	-4.10E-06	9.34E-06	-3.03E-06	7.33E-06	7.44E-06	-1.94E-05	1.03E-05	-5.03E-06				
46	610.83	-2.88E-01	3.76E-01	-7.48E-02	4.60E-02	1.60E-01	-2.08E-01	3.80E-01	-2.91E-01	86.06	3.76E-01	-4.60E-02	
	-88.00	-1.12E-05	1.43E-05	-3.03E-06	3.54E-06	1.23E-05	-1.60E-05	1.45E-05	-1.14E-05				
47	482.63	1.14E-01	3.52E-01	8.57E-02	8.28E-02	2.72E-02	-1.54E-01	4.15E-01	9.15E-02	74.62	1.14E-01	8.28E-02	
	-21.00	-2.11E-06	8.58E-06	-3.21E-06	6.37E-06	2.05E-06	-1.10E-05	9.46E-06	-2.99E-06				
48	485.83	1.20E+00	1.88E+00	1.12E+00	2.02E-01	8.60E-03	-3.54E-01	1.93E+00	1.15E+00	74.53	1.23E+00	2.44E-01	
	-12.00	9.73E-06	2.60E-05	-3.05E-06	1.56E-05	6.62E-07	-2.73E-05	2.82E-05	-2.05E-06				
	507.88	-3.13E-02	2.60E-01	-2.79E-02	7.79E-02	2.93E-02	-1.65E-01	2.80E-01	-5.08E-02	75.95	-3.13E-02	7.79E-02	
	-21.00	[illegible]41E-06	7.80E-06	-3.285-06	5.99E-06	2.25E-06	[illegible]E-05	8.55E-06	-4.16E-06				
50	538	[illegible]01E-01	6.51E-01	1.74E-01	2.61E-01	1.02E-01	[illegible]-01	7.55E-01	-2.93E-03	68.24	6.62E-01	2.4[illegible]	

	-10.	[illegible].29E-06	1.40E-01	-3.48E-06	2.01E-05	7.66E-06	[illegible]E-05	1.89E-05	-1.03E-05				
51	484.	[illegible].54E-02	9.4[illegible]E-02	-4.[illegible]E-02	-2.44E-02	-6.86E-02	[illegible]E-02	9.94E-02	4.46E-02	-58.63	8.45E-02	2.44[illegible]	
	8.00	1.43E-04	2.39E-04	-3.30E-06	-1.88E-06	-5.28E-06	-4.07E-06	2.96E-06	8.54E-07				
52	507.00	-3.11E-01	-2.56E-01	-3.47E-01	-1.70E-01	4.66E-02	1.15E-01	-1.11E-01	-4.56E-01	-49.59	-4.45E-01	-5.98E-02	
	9.00	-1.92E-04	1.93E-07	-3.29E-06	-1.31E-05	3.58E-06	8.86E-06	5.76E-06	-7.49E-06				
53	603.00	-5.79E-02	1.09E-01	-1.04E-01	4.44E-02	7.35E-02	-1.12E-01	1.15E-01	-1.07E-01	78.20	-1.03E-01	-2.87E-02	
	-18.00	-2.68E-06	5.14E-06	-3.00E-06	3.42E-06	5.65E-06	-8.60E-06	5.50E-06	-3.04E-06				
54	712.00	7.32E-02	1.73E-01	7.54E-02	7.13E-02	2.62E-02	-2.14E-01	2.10E-01	3.61E-02	62.54	7.32E-02	7.13E-02	
	-303.00	-8.54E-07	3.70E-06	-7.53E-07	6.48E-06	2.38E-06	-1.94E-05	5.38E-06	-2.54E-06				
55	712.00	-3.86E-02	1.57E-01	-1.21E-02	6.74E-02	7.60E-02	-1.86E-01	1.78E-01	-5.95E-02	72.72	-3.86E-02	6.74E-02	
	-213.00	-3.14E-06	5.76E-06	-1.93E-06	6.12E-06	6.91E-06	-1.69E-05	6.71E-06	-4.05E-06				
56	712.00	-2.56E-01	8.32E-02	-1.90E-01	-9.04E-04	1.76E-01	-1.54E-01	8.32E-02	-2.56E-01	-89.85	-2.56E-01	-9.04E-04	
	-138.00	-3.91E-06	3.79E-06	-2.41E-06	-4.11E-08	7.98E-06	-7.01E-06	3.79E-06	-3.91E-06				
57	712.00	-1.18E-01	7.50E-02	-1.11E-01	3.27E-02	7.26E-02	-1.35E-01	8.04E-02	-1.23E-01	80.63	-1.18E-01	3.27E-02	
	-78.00	-2.84E-04	4.58E-06	-2.58E-06	2.52E-06	5.58E-06	-1.04E-05	4.78E-06	-3.05E-06				
58	712.00	-8.89E-02	1.36E-01	-7.87E-02	4.55E-02	5.77E-02	-1.20E-01	1.45E-01	-9.78E-02	78.99	-8.89E-02	4.55E-02	
	-18.00	-3.08E-06	5.59E-06	-2.68E-06	3.50E-06	4.44E-06	-9.23E-06	5.93E-06	-3.42E-06				
59	837.00	-1.26E-01	3.29E-03	-4.92E-02	4.85E-02	1.09E-01	-1.81E-01	1.94E-02	-1.43E-01	71.59	3.29E-03	-4.85E-02	
	-318.00	-3.51E-06	2.39E-06	.00E+00	4.41E-06	9.89E-06	-1.65E-05	3.12E-06	-4.24E-06				
60	887.00	1.02E-01	2.40E-01	1.37E-01	1.27E-01	5.28E-02	-3.68E-01	3.15E-01	2.63E-02	59.23	3.15E-01	9.53E-04	
	-288.00	-1.57E-06	4.68E-06	.00E+00	1.15E-05	4.80E-06	-3.34E-05	8.12E-06	-5.01E-06				
61	987.00	1.23E-01	2.16E-01	1.36E-01	9.73E-02	-1.37E-02	-3.02E-01	2.77E-01	6.18E-02	57.74	1.23E-01	9.73E-02	
	-288.00	-5.67E-07	3.65E-06	.00E+00	8.85E-06	-1.24E-06	-2.75E-05	6.44E-06	-3.36E-06				
62	1037.00	2.95E-02	1.19E-01	5.95E-02	4.11E-02	6.96E-02	-2.32E-01	1.35E-01	1.35E-02	68.77	1.19E-01	-4.11E-02	
	-318.00	-1.37E-06	2.72E-06	.00E+00	3.74E-06	6.32E-06	-2.11E-05	3.44E-06	-2.09E-06				
63	862.00	2.32E-02	1.38E-01	2.54E-02	7.82E-02	4.95E-02	-1.70E-01	1.78E-01	-1.64E-02	63.15	2.32E-02	7.82E-02	
	-213.00	-1.37E-06	3.85E-06	-1.27E-06	7.11E-06	4.50E-06	-1.62E-05	5.65E-06	-3.17E-06				
64	1012.00	1.01E-02	1.23E-01	2.32E-02	5.97E-02	2.29E-02	-1.63E-01	1.49E-01	-1.55E-02	66.72	1.01E-02	5.97E-02	
	-213.00	-1.57E-06	3.57E-06	-9.80E-07	5.42E-06	2.08E-06	-1.48E-05	4.73E-06	-2.74E-06				
65	837.00	-3.30E-01	1.64E-01	-1.48E-01	1.02E-01	2.22E-01	-2.01E-01	1.84E-01	-3.50E-01	78.74	1.64E-01	-1.02E-01	
	-148.00	-5.84E-06	5.36E-06	-1.72E-06	4.65E-06	1.01E-05	-9.15E-06	5.83E-06	-6.30E-06				
66	937.00	-1.23E-01	1.94E-01	-6.66E-02	8.85E-02	1.23E-01	-1.76E-01	2.17E-01	-1.46E-01	75.38	2.11E-01	4.49E-02	
	-128.00	-2.81E-06	4.38E-06	-1.54E-06	4.02E-06	5.61E-06	-8.01E-06	4.90E-06	-3.33E-06				
67	1037.00	-2.70E-01	2.49E-01	-7.86E-02	1.24E-01	1.88E-01	-2.38E-01	2.77E-01	-2.99E-01	77.21	2.49E-01	-1.24E-01	
	-148.00	-5.62E-06	6.19E-06	-1.26E-06	5.65E-06	8.54E-06	-1.08E-05	6.83E-06	-6.26E-06				
68	837.00	-8.74E-02	2.31E-01	-1.55E-02	9.36E-02	1.47E-01	-1.89E-01	2.56E-01	-1.13E-01	74.76	-8.74E-02	9.36E-02	
	-68.00	-4.77E-06	7.47E-06	-2.00E-06	7.20E-06	1.13E-05	-1.46E-05	8.45E-06	-5.75E-06				
69	937.00	-3.02E-01	6.97E-02	-1.43E-01	1.38E-01	1.48E-01	-1.90E-01	1.15E-01	-3.47E-01	71.72	6.97E-02	-1.38E-01	
	-88.00	-7.48E-06	6.80E-06	-1.38E-06	1.06E-05	1.14E-05	-1.46E-05	8.55E-06	-9.23E-06				
70	1037.00	3.54E-01	7.02E-01	3.77E-01	2.19E-01	-2.37E-02	-5.73E-01	8.08E-01	2.48E-01	64.21	8.05E-01	-3.89E-02	
	-68.00	-2.13E-06	1.13E-05	-1.25E-06	1.69E-05	-1.82E-06	-4.41E-05	1.53E-05	-6.21E-06				
71	862.00	-1.63E-01	8.93E-02	-1.04E-01	5.46E-02	1.26E-01	-1.55E-01	1.01E-01	-1.75E-01	78.32	-1.63E-01	5.46E-02	
	-18.00	-4.33E-06	5.39E-06	-2.04E-06	4.20E-06	9.70E-06	-1.19E-05	5.82E-06	-4.76E-06				
72	1012.00	6.13E-03	1.81E-01	1.46E-02	9.64E-02	1.83E-02	-1.10E-01	2.24E-01	-3.65E-02	66.12	6.13E-03	9.64E-02	
	-18.00	-1.98E-06	4.75E-06	-1.66E-06	7.41E-06	1.40E-06	-8.47E-06	6.39E-06	-3.62E-06				
73	1387.00	8.30E-03	3.00E-02	1.43E-02	1.51E-03	1.57E-02	-1.39E-02	3.01E-02	8.20E-03	86.05	8.30E-03	1.51E-03	
	-303.00	-3.06E-07	6.80E-07	-3.25E-08	1.37E-07	1.43E-06	-1.26E-06	6.84E-07	-3.10E-07				
74	1387.00	-1.02E-02	3.61E-02	8.09E-03	2.18E-02	4.46E-02	-3.00E-02	4.47E-02	-1.88E-02	68.40	-1.02E-02	2.18E-02	
	-213.00	-9.05E-07	1.20E-06	-7.42E-08	1.98E-06	4.06E-06	-2.73E-06	1.59E-06	-1.30E-06				
75	1387.00	-6.59E-02	1.79E-02	-1.78E-02	2.22E-02	1.16E-01	-1.59E-02	2.35E-02	-7.14E-02	76.02	-6.59E-02	2.22E-02	
	-138.00	-1.15E-06	7.52E-07	-6.03E-08	1.01E-06	5.27E-06	-7.21E-07	8.78E-07	-1.28E-06				
76	1187.00	-2.10E-01	-1.34E-01	-1.77E-01	-2.10E-02	1.80E-01	1.58E-01	-1.28E-01	-2.15E-01	-75.57	-2.10E-01	-2.10E-02	
	-68.00	-2.35E-06	5.80E-07	-1.09E-06	-1.61E-06	1.39E-05	1.21E-05	7.97E-07	-2.55E-06				
77	1387.00	-7.52E-02	3.02E-02	1.33E-02	4.49E-02	1.33E-01	-1.12E-01	4.67E-02	-9.18E-02	69.76	3.02E-02	-4.49E-02	
	-98.00	-2.54E-04	1.51E-06	8.59E-07	3.46E-06	1.02E-05	-8.64E-06	2.15E-06	-3.18E-06				
78	1587.00	3.05E-02	7.69E-02	7.03E-02	2.56E-02	1.75E-02	4.84E-02	8.82E-02	1.92E-02	66.13	8.50E-02	-1.47E-02	
	-68.00	-7.81E-07	1.01E-06	7.51E-07	1.97E-06	1.35E-06	3.72E-06	1.44E-06	-1.22E-06				
79	1237.00	-1.13E-01	2.22E-02	-4.94E-02	5.20E-02	1.63E-01	-5.28E-02	3.99E-02	-1.31E-01	71.24	-1.13E-01	5.20E-02	
	-18.00	-2.81E-06	2.40E-06	-3.58E-07	4.00E-06	1.25E-05	-4.06E-06	3.08E-06	-3.49E-06				
80	1433.80	-6.17E-02	1.37E-02	7.34E-03	8.63E-02	8.11E-02	-5.42E-02	7.02E-02	-1.18E-01	56.81	-6.17E-02	8.63E-02	
	-8.00	-1.03E-06	9.75E-07	7.29E-07	6.64E-06	6.24E-06	-4.17E-06	3.15E-06	-4.16E-06				
81	1533.80	-9.31E-02	-1.99E-02	-1.09E-02	5.33E-02	4.50E-02	-1.06E-02	8.24E-03	-1.21E-01	62.28	-1.98E-02	-5.33E-02	
	-28.00	-2.22E-06	6.01E-07	9.40E-07	4.10E-06	3.46E-06	-8.17E-07	1.68E-06	-3.30E-06				
82	1633.80	-7.36E-02	-1.41E-02	-2.99E-03	-4.52E-04	4.59E-06	2.15E-02	-1.41E-02	-7.36E-02	-89.56	-2.18E-02	1.99E-02	

	-8.00	-1.83E-06	4.53E-07	8.82E-07	-3.41E-08	2.84E-10	1.65E-06	4.53E-07	-1.83E-06				
83	1433.80	-4.27E-01	-1.45E-01	-1.89E-01	5.50E-02	2.75E-01	-5.41E-02	-1.35E-01	-4.38E-01	79.35	-1.45E-01	-5.50E-02	
	27.60	-8.06E-06	2.79E-06	1.10E-06	4.23E-05	2.12E-05	-4.16E-06	3.16E-06	-8.46E-06				
84	1296.10	-1.55E-01	1.17E-02	-4.96E-02	9.27E-02	1.61E-01	-1.14E-01	5.06E-02	-1.55E-01	66.54	-4.38E-02	-1.25E-01	
	40.70	-3.91E-06	2.76E-06	1.32E-07	7.13E-06	1.24E-05	-8.74E-06	4.31E-06	-5.46E-06				
85	1148.60	-1.03E-01	2.55E-03	-9.12E-02	9.74E-02	1.63E-01	9.47E-02	6.05E-02	-1.61E-01	59.26	2.92E-02	7.72E-02	
	57.33	-1.86E-06	2.21E-06	-1.40E-06	7.49E-06	1.25E-05	7.29E-06	4.44E-06	-4.05E-06				
86	1131.40	-5.08E-01	-2.86E-01	-3.64E-01	-3.54E-02	4.29E-01	-6.95E-03	-2.80E-01	-5.13E-01	-81.17	-2.86E-01	3.54E-02	
	112.00	-7.47E-06	1.07E-06	3.73E-07	-2.72E-06	3.30E-05	-5.35E-07	1.28E-06	-7.68E-06				
87	1019.80	-1.14E-01	2.55E-01	1.66E-02	9.85E-02	1.80E-01	-3.74E-01	3.21E-01	-1.36E-01	77.26	2.99E-01	-9.85E-02	
	34.67	-6.61E-06	9.29E-06	-1.58E-06	7.57E-06	1.39E-05	-2.88E-05	1.01E-05	-7.46E-06				
88	886.60	-8.83E-02	1.43E-01	-6.06E-02	4.69E-02	7.88E-02	-1.49E-01	1.52E-01	-9.74E-02	78.96	-8.83E-02	4.69E-02	
	46.00	-3.33E-06	5.56E-06	-2.26E-06	3.60E-06	6.06E-06	-1.15E-05	5.91E-06	-3.68E-06				
89	869.80	-6.48E-01	-3.00E-01	-4.73E-01	-4.82E-02	1.26E-01	-8.40E-02	-2.93E-01	-6.55E-01	-82.28	-3.00E-01	4.82E-02	
	96.00	-9.32E-06	4.09E-06	-2.58E-06	-3.70E-06	9.68E-06	-6.46E-06	4.34E-06	-9.57E-06				
90	952.60	-3.88E-02	3.47E-01	3.77E-02	2.09E-01	8.94E-02	-1.32E-01	4.39E-01	-1.31E-01	66.33	4.11E-01	-1.22E-01	
	128.00	-5.30E-06	9.55E-06	-2.35E-06	1.61E-05	6.88E-06	-9.36E-06	1.31E-05	-8.83E-06				
91	869.80	-1.76E-01	-2.36E-02	-1.68E-01	4.09E-02	8.79E-02	-1.30E-02	-1.33E-02	-1.66E-01	75.85	-1.76E-01	4.09E-02	
	160.00	-2.72E-06	3.13E-06	-2.43E-06	3.15E-06	6.76E-06	-9.97E-07	3.53E-06	-3.11E-06				
92	869.80	-5.91E-01	-1.49E-01	-3.68E-01	-8.93E-02	1.96E-01	-2.51E-02	-1.32E-01	-6.08E-01	-78.99	-1.49E-01	8.93E-02	
	203.60	-1.06E-05	6.43E-06	-1.97E-06	-6.87E-06	1.51E-05	-1.93E-06	7.10E-06	-1.12E-05				
93	598.67	-2.06E-01	2.14E-01	-1.04E-01	9.19E-02	9.70E-02	-2.13E-01	2.34E-01	-2.25E-01	78.19	2.14E-01	-9.19E-02	
	16.00	-6.86E-06	9.29E-06	-2.96E-06	7.07E-06	7.46E-06	-1.64E-05	1.00E-05	-7.60E-06				
94	645.75	-1.20E-01	1.22E-01	-9.87E-02	4.62E-02	6.29E-02	-9.69E-02	1.31E-01	-1.29E-01	79.59	-1.20E-01	4.62E-02	
	24.00	-3.57E-06	5.77E-06	-2.73E-06	3.55E-06	4.84E-06	-7.45E-06	6.09E-06	-3.89E-06				
95	613.10	-2.89E-01	-2.17E-01	-2.95E-01	-2.55E-03	4.47E-02	-5.24E-02	-2.17E-01	-2.89E-01	-87.97	-2.89E-01	-2.55E-03	
	69.33	-2.31E-06	4.55E-07	-2.55E-06	-1.97E-07	3.44E-06	-4.03E-06	4.59E-07	-2.32E-06				
96	708.45	-2.02E-01	6.59E-02	-1.48E-01	3.44E-02	5.88E-02	-9.14E-02	7.02E-02	-2.07E-01	82.81	2.15E-02	-1.05E-01	
	56.00	-4.66E-06	5.66E-06	-2.56E-06	2.64E-06	4.52E-06	-7.03E-06	5.82E-06	-4.82E-06				
97	613.10	-7.02E-01	-3.74E-01	-5.27E-01	-6.99E-02	7.33E-02	-5.52E-02	-3.59E-01	-7.16E-01	-78.46	-3.74E-01	6.99E-02	
	96.00	-9.38E-06	3.24E-06	-2.66E-06	-5.38E-06	5.64E-06	-4.25E-06	3.79E-06	-9.93E-06				
98	682.27	-1.67E-01	1.04E-01	-1.12E-01	-3.09E-02	3.60E-02	-1.05E-01	1.07E-01	-1.70E-01	-83.57	2.98E-02	1.24E-01	
	112.00	-4.49E-06	5.91E-06	-2.39E-06	-2.37E-06	2.81E-06	-8.06E-06	6.05E-06	-4.62E-06				
99	751.43	-2.14E-01	5.90E-01	5.21E-02	1.13E-01	1.16E-01	-2.18E-01	6.05E-01	-2.25E-01	82.17	5.90E-01	-1.13E-01	
	96.00	-1.20E-05	1.80E-05	-2.70E-06	8.66E-06	8.91E-06	-1.68E-05	1.86E-05	-1.35E-05				
100	683.25	-1.59E-01	7.20E-02	-1.23E-01	1.67E-02	2.46E-02	-8.36E-02	7.32E-02	-1.61E-01	85.90	-1.59E-01	1.67E-02	
	152.00	-3.81E-06	5.09E-06	-2.43E-06	1.28E-06	1.89E-06	-6.43E-06	5.13E-06	-3.86E-06				
101	648.67	-7.80E-01	-4.10E-01	-5.95E-01	-4.43E-02	-1.34E-02	-5.94E-02	-4.05E-01	-7.85E-01	-83.26	-4.10E-01	4.43E-02	
	192.00	-1.04E-05	3.83E-06	-2.26E-06	-3.41E-06	-1.03E-06	-4.57E-06	4.03E-06	-1.06E-05				
102	725.25	-6.45E-02	1.09E-01	-5.58E-02	7.90E-02	1.17E-03	-3.29E-02	1.40E-01	-9.51E-02	68.85	5.42E-02	-1.13E-01	
	232.70	-2.36E-06	4.32E-06	-2.02E-06	6.07E-06	8.97E-08	-2.53E-06	5.49E-06	-3.53E-06				
103	635.50	-1.06E-01	-7.84E-02	-1.31E-01	-2.46E-02	4.87E-03	-5.28E-02	-6.40E-02	-1.21E-01	-59.73	-1.06E-01	-2.46E-02	
	256.00	-6.16E-07	4.53E-07	-1.57E-06	-1.89E-06	3.74E-07	-4.06E-06	1.01E-06	-1.17E-06				
104	635.50	-2.09E-01	-1.40E-01	-2.08E-01	-4.69E-02	-4.72E-02	1.76E-02	-1.16E-01	-2.32E-01	-63.05	-1.40E-01	4.69E-02	
	290.67	-1.90E-06	7.29E-07	-1.89E-06	-3.60E-06	-3.63E-06	1.35E-06	1.65E-06	-2.82E-06				
105	569.00	-8.79E-02	2.66E-01	-3.84E-02	1.61E-01	9.23E-02	-1.71E-01	3.28E-01	-1.50E-01	68.87	-8.79E-02	1.61E-01	
	16.50	-4.91E-06	8.70E-06	-3.01E-06	1.24E-05	7.10E-06	-1.31E-05	1.11E-05	-7.31E-06				
106	508.50	-7.24E-01	-4.18E-01	-5.81E-01	-7.90E-02	1.07E-01	-6.07E-02	-3.99E-01	-7.44E-01	-76.37	-4.18E-01	7.90E-02	
	13.00	-8.93E-06	2.87E-06	-3.41E-06	-6.09E-06	8.25E-06	-4.67E-06	3.60E-06	-9.66E-06				
107	521.00	-7.07E-02	1.42E-01	-8.80E-02	6.82E-02	6.01E-02	-8.79E-02	1.62E-01	-9.06E-02	73.68	-7.07E-02	6.82E-02	
	15.75	-2.54E-06	5.65E-06	-3.20E-06	5.24E-06	4.62E-06	-6.76E-06	6.42E-06	-3.31E-06				
108	526.25	-5.97E-02	1.33E-01	-8.46E-02	8.28E-02	5.51E-02	-9.31E-02	1.63E-01	-9.05E-02	69.62	-5.97E-02	8.28E-02	
	21.00	-2.17E-06	5.23E-06	-3.13E-06	6.37E-06	4.24E-06	-7.16E-06	6.41E-06	-3.35E-06				
109	515.50	-5.27E-01	-2.84E-01	-4.43E-01	2.36E-02	7.94E-02	-6.12E-02	-2.82E-01	-5.29E-01	84.48	-2.84E-01	-2.36E-02	
	26.00	-6.47E-06	2.85E-06	-3.27E-06	1.82E-06	6.11E-06	-4.71E-06	2.93E-06	-6.56E-06				
110	531.50	-5.93E-02	1.12E-01	-8.66E-02	8.49E-02	4.63E-02	-8.56E-02	1.47E-01	-9.43E-02	67.59	-5.93E-02	8.49E-02	
	34.50	-1.90E-06	4.67E-06	-2.95E-06	6.53E-06	3.56E-06	-6.58E-06	6.01E-06	-3.25E-06				
111	515.50	-2.85E-01	-2.44E-01	-3.17E-01	7.26E-02	3.83E-02	-3.33E-02	-1.89E-01	-3.40E-01	52.95	-2.85E-01	7.26E-02	
	44.00	-1.67E-06	-7.81E-08	-2.90E-06	5.59E-06	2.95E-06	-2.56E-06	2.03E-06	-3.78E-06				
112	515.50	-5.01E-01	-2.91E-01	-4.23E-01	3.51E-02	3.96E-02	-5.10E-02	-2.76E-01	-5.07E-01	61.16	-2.81E-01	-3.51E-02	
	53.33	-6.03E-06	2.44E-06	-3.03E-06	2.70E-06	3.05E-06	-3.92E-06	2.65E-06	-6.24E-06				
113	547.50	[illegible]96E-02	4.86E-01	1.30E-01	1.65E-01	3.56E-02	[illegible]-02	5.47E-01	3.89E-02	69.77	5.29E-01	-9.32E[illegible]	
	64.00	[illegible]04E-06	1.09E-05	-2.85E-06	1.27E-05	2.74E-06	[illegible]-06	1.32E-05	-6.37E-06				
114	515.	[illegible]65E-01	-2.17E-02	-1.66E-01	7.20E-03	2.52E-02	[illegible]E-02	-2.14E-02	-1.65E-01	87.13	-1.65E-01	7.2[illegible]	

	74	-2.46E-06	3.04E-06	-2.52E-06	5.54E-07	1.94E-04	[illegible]22E-06	3.05E-06	-2.48E-06				
115	515.	-6.86E-01	-3.57E-01	-5.39E-01	2.51E-02	1.10E-02	[illegible]77E-02	-3.95E-01	-6.89E-01	65.08	-3.97E-01	-2.5[illegible]	[illegible]2
	88.00	-8.58E-06	2.55E-06	-2.88E-06	1.93E-06	8.49E-07	-3.67E-06	2.64E-06	-8.66E-06				
116	547.50	-8.97E-02	2.92E-01	-1.79E-02	2.02E-01	1.82E-02	-5.35E-02	3.79E-01	-1.76E-01	66.72	3.65E-01	-8.80E-02	
	104.00	-5.48E-06	9.21E-06	-2.71E-06	1.55E-05	1.40E-06	-4.12E-06	1.25E-05	-8.82E-06				
117	515.50	-5.56E-03	1.72E-01	-7.54E-03	3.11E-02	5.08E-03	-8.23E-02	1.76E-01	-1.08E-02	60.37	-5.55E-03	3.11E-02	
	120.00	-1.96E-06	4.88E-06	-2.04E-06	2.39E-06	3.91E-07	-6.33E-06	5.08E-06	-2.17E-06				
118	515.50	-5.23E-01	-2.58E-01	-4.18E-01	1.63E-02	-3.87E-02	-4.14E-02	-2.96E-01	-5.25E-01	85.89	-2.98E-01	-1.63E-02	
	136.00	-6.51E-06	2.17E-06	-2.47E-06	1.25E-06	-2.98E-06	-3.18E-06	2.21E-06	-6.56E-06				
119	547.50	-1.06E-01	1.43E-01	-6.56E-02	8.45E-02	-1.17E-02	2.60E-02	1.79E-01	-1.31E-01	73.46	1.78E-01	-1.35E-02	
	152.00	-3.88E-06	6.10E-06	-2.32E-06	6.50E-06	-8.97E-07	2.00E-06	7.07E-06	-4.85E-06				
120	515.50	-4.49E-02	1.46E-01	-1.74E-02	-3.20E-02	-7.86E-03	-7.57E-02	1.51E-01	-5.02E-02	-80.71	-4.49E-02	-3.20E-02	
	168.00	-2.64E-06	4.69E-06	-1.58E-06	-2.46E-06	-6.04E-07	-5.82E-06	4.89E-06	-2.85E-06				
121	515.50	-6.80E-01	-4.12E-01	-5.18E-01	2.05E-02	-6.61E-02	-3.12E-02	-4.10E-01	-6.82E-01	85.66	-4.12E-01	-2.05E-02	
	184.00	-8.47E-06	1.86E-06	-2.23E-06	1.58E-06	-5.08E-06	-2.40E-06	1.92E-06	-8.53E-06				
122	547.50	-3.05E-02	3.20E-01	3.93E-02	1.81E-01	-2.99E-02	-1.57E-02	3.96E-01	-1.07E-01	67.04	3.84E-01	-7.71E-02	
	200.00	-4.78E-06	8.69E-06	-2.10E-06	1.39E-05	-2.30E-06	-1.20E-06	1.16E-05	-7.73E-06				
123	515.50	2.00E-01	4.24E-01	2.10E-01	-4.06E-03	-4.36E-02	-1.45E-01	4.24E-01	2.00E-01	-88.96	2.00E-01	-4.06E-03	
	216.00	-1.48E-06	7.15E-06	-1.09E-06	-3.12E-07	-3.36E-06	-1.11E-05	7.15E-06	-1.48E-06				
124	515.50	-3.64E-01	-2.24E-01	-3.06E-01	2.98E-02	-1.62E-01	-2.10E-02	-2.18E-01	-3.70E-01	78.47	-2.24E-01	-2.98E-02	
	232.00	-4.17E-06	1.20E-06	-1.94E-06	2.29E-06	-1.24E-05	-1.62E-06	1.44E-06	-4.41E-06				
125	547.50	-1.74E-01	-9.58E-02	-1.74E-01	6.19E-02	-8.31E-02	1.14E-01	-6.18E-02	-2.08E-01	61.21	-7.13E-02	-3.61E-02	
	248.00	-1.82E-06	1.20E-06	-1.82E-06	4.76E-06	-6.39E-06	8.73E-06	2.51E-06	-3.13E-06				
126	515.50	2.44E-01	4.44E-01	2.50E-01	-3.31E-02	-6.96E-02	-1.74E-01	4.50E-01	2.38E-01	-80.87	2.44E-01	-3.31E-02	
	264.00	-9.37E-07	6.78E-06	-6.90E-07	-2.55E-06	-5.35E-06	-1.34E-05	6.99E-06	-1.14E-06				
127	515.50	-2.70E-01	-1.86E-01	-2.46E-01	4.95E-02	-2.21E-01	-9.33E-03	-1.63E-01	-2.93E-01	65.15	-1.86E-01	-4.95E-02	
	276.00	-2.67E-06	5.54E-07	-1.74E-06	3.80E-06	-1.70E-05	-7.17E-07	1.44E-06	-3.55E-06				
128	531.50	-5.75E-02	-2.54E-02	-6.30E-02	1.77E-02	-6.61E-02	6.95E-04	-1.76E-02	-6.53E-02	66.05	-5.75E-02	1.77E-02	
	297.00	-6.07E-07	6.24E-07	-8.19E-07	1.36E-06	-5.08E-06	5.35E-08	9.27E-07	-9.09E-07				
129	515.50	3.08E-01	4.94E-01	3.14E-01	-3.25E-03	-7.47E-02	-1.44E-01	4.94E-01	3.08E-01	-69.00	3.08E-01	-3.25E-03	
	320.00	-4.05E-07	6.73E-06	-1.88E-07	-2.50E-07	-5.75E-06	-1.11E-05	6.73E-06	-4.07E-07				
183	565.50	-9.23E-02	3.71E-01	-9.18E-03	1.98E-01	1.20E-01	-1.90E-01	4.44E-01	-1.66E-01	69.72	-9.23E-02	1.98E-01	
	-8.00	-6.51E-06	1.13E-05	-3.32E-06	1.53E-05	9.27E-06	-1.46E-05	1.41E-05	-9.33E-06				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1650E+02	.9897E+02	.1422E+03	.5510E+01	.2354E+02	-.1345E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.8400E+00	.6875E+00	.5857E+00	-.6959E-01	-.5846E+01	-.4278E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1553E+01	-.3394E+00	.3525E+00	-.1738E+01	-.1493E+02	-.6744E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2035E+01	.4157E+00	.1827E+00	-.2813E+01	-.2215E+02	-.9845E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.2568E+01	-.4451E+00	.1733E+00	-.3267E+01	-.2976E+02	-.1291E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1118E+01	.3492E-01	.2042E+00	-.2002E+01	-.3644E+02	-.1619E+02

25	.2739E+01	.4673E+00	.1122E+00	-.9733E+00	-.3993E+02	-.1913E+02
26	-.1226E+02	-.2001E+01	.2011E+00	-.2197E+01	-.4201E+02	-.2132E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.3668E+01	-.1623E+01	.8086E+00	-.3877E+01	-.5543E+02	-.2288E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.4569E+03	.6763E+02	.4682E+01	-.8962E+00	-.1344E+03	-.3597E+02
40	.2287E+03	.2533E+02	.8165E+01	-.3673E+01	-.1333E+03	-.3302E+02
41	.5224E+02	-.2334E+01	.7882E+01	-.5567E+01	-.1713E+03	-.2897E+02
42	-.1664E+02	-.7678E+01	.3872E+01	-.5101E+01	-.8880E+02	-.2521E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2906E+03	.4862E+02	.2014E+01	-.1283E+02	-.1363E+03	.1584E+02
48	.2654E+03	.4103E+02	.2164E+01	.1505E+02	-.1231E+03	.1198E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.8521E+02	-.1394E+02	-.1776E+00	.5850E+02	-.8376E+02	.5496E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1178E+01	.7933E+01	.4244E+00	-.8840E+01	-.1346E+03	.1421E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.6173E+02	-.9921E+01	-.2328E+00	.5249E+02	-.7042E+02	.5254E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.4730E+02	-.7752E+01	-.3878E+00	.4911E+02	-.7039E+02	.5137E+02
66	-.2846E+02	-.4911E+01	-.5765E+00	.5281E+02	-.6815E+02	.5288E+02
67	.6758E+01	.3539E+00	-.6816E+00	.5190E+02	-.6755E+02	.5277E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1258E+02	.1148E+01	-.7822E+00	.5418E+02	-.7063E+02	.5192E+02
76	.1554E+01	-.5258E+00	-.8041E+00	.5816E+02	-.6955E+02	.5256E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.8702E+01	.6058E+00	-.7505E+00	.5649E+02	-.6368E+02	.5092E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00

	.1300E+01	-.4492E+00	-.7147E+00	.5[illegible]2	-.5759E+02	.4922E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.7530E+01	.5625E+00	-.6450E+00	.5282E+02	-.5056E+02	.4641E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.7334E+01	.6015E+00	-.5300E+00	.4862E+02	-.4413E+02	.4291E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.5265E+01	-.1230E+01	-.5624E+00	.4518E+02	-.3865E+02	.3858E+02
109	.4183E+01	.5577E+00	-.6059E+00	.4202E+02	-.3183E+02	.3371E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2260E+01	-.6418E+00	-.6394E+00	.3124E+02	-.2655E+02	.2724E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2560E+02	.3608E+01	-.4543E+00	.2337E+02	-.2038E+02	.2103E+02
115	-.1882E+02	-.3025E+01	-.4938E+00	.1406E+02	-.1802E+02	.1358E+02
116	.1817E+02	.2577E+01	-.6272E+00	.7152E+01	-.1276E+02	.8141E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1300E+01	.6881E-01	-.5737E+00	.1406E+02	-.9327E+01	.9278E+01
119	-.1151E+02	-.1794E+01	-.7308E+00	-.1490E+01	-.6375E+01	.3314E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5725E+00	.1080E+01	.2354E+00	-.6817E+01	.1764E+01	.2611E+00
122	.3247E+01	.2274E+01	.1349E+01	.1343E+01	.3539E+01	.2504E+01
123	.4139E+01	.1922E+01	.1096E+01	.1386E+01	.3983E+01	.2479E+01
124	.4803E+01	.1517E+01	.7360E+00	.1391E+01	.4074E+01	.2456E+01
125	.4779E+01	.1197E+01	.5282E+00	.1386E+01	.4188E+01	.2424E+01
126	.4381E+01	.9886E+00	.5191E+00	.1395E+01	.4796E+01	.2391E+01
127	.3824E+01	.8021E+00	.5804E+00	.1353E+01	.5382E+01	.2292E+01
128	.2331E+01	.4849E+00	.6949E+00	.1299E+01	.6031E+01	.2156E+01
129	.1289E+01	.2384E+00	.7335E+00	.1173E+01	.5949E+01	.1937E+01
130	.2817E+00	.2556E-01	.7022E+00	.1005E+01	.5305E+01	.1647E+01
131	-.1446E+00	-.2628E-01	.6123E+00	.7789E+00	.4048E+01	.1341E+01
132	.1233E-02	.2404E-03	.4756E+00	.6024E+00	.2941E+01	.1042E+01
133	-.7589E-01	-.9069E-02	.4121E+00	.4627E+00	.2182E+01	.8098E+00
134	-.6031E-02	.8861E-02	.3926E+00	.3534E+00	.1618E+01	.6192E+00
135	.2443E-01	.9296E-02	.4405E+00	.2577E+00	.1155E+01	.4576E+00
136	-.8604E-02	.4331E-02	.5765E+00	.1642E+00	.7609E+00	.3104E+00
137	.4514E-02	.2149E-02	.8330E+00	.6181E-01	.3577E+00	.1740E+00
138	-.2223E-01	.5244E-02	.7001E+01	-.3010E-01	-.1152E+00	.1046E+00
139	.6639E-02	.1081E-01	.1617E+02	.2435E-02	.6540E-01	-.7871E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5200E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.12943E-01	.66531E-04	-.12898E-01	.00000E+00
3	.23606E-01	.22600E-03	-.23626E-01	.00000E+00
4	.25639E-01	.22016E-03	-.25638E-01	.00000E+00
5	.27730E-01	.27138E-04	-.27740E-01	.00000E+00
6	.31369E-01	-.87336E-05	-.31366E-01	.31603E-05
7	.29769E-01	.36562E-03	-.29100E-01	.00000E+00
8	.31452E-01	.26494E-03	-.31533E-01	.39642E-06

9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.12790E-01	.11317E-03	-.12875E-01	.00000E+00
11	.23752E-01	.22403E-03	-.24002E-01	.00000E+00
12	.26543E-01	.23746E-03	-.26831E-01	.00000E+00
13	.28757E-01	.17434E-03	-.28959E-01	.00000E+00
14	.31641E-01	.20555E-03	-.31971E-01	.15068E-05
15	.29179E-01	.44741E-03	-.30134E-01	.00000E+00
16	.31920E-01	.32499E-03	-.32694E-01	-.21798E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.12529E-01	.13518E-03	-.13270E-01	.00000E+00
19	.24217E-01	.21311E-03	-.24971E-01	.00000E+00
20	.27157E-01	.25260E-03	-.28046E-01	.00000E+00
21	.29464E-01	.99327E-04	-.30245E-01	.00000E+00
22	.32309E-01	.65220E-04	-.33707E-01	-.11041E-06
23	.30284E-01	.60011E-03	-.32436E-01	.00000E+00
24	.32786E-01	.44132E-03	-.35044E-01	.83604E-05
25	.33121E-01	.63573E-03	-.35919E-01	-.94292E-06
26	.33315E-01	.55453E-03	-.36442E-01	-.59202E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.13019E-01	.25502E-03	-.13498E-01	.00000E+00
29	.24850E-01	.39762E-03	-.25787E-01	.00000E+00
30	.27782E-01	.40325E-03	-.29388E-01	.00000E+00
31	.30479E-01	.53013E-03	-.32712E-01	.00000E+00
32	.33523E-01	.63170E-03	-.37024E-01	.23807E-04
33	.30425E-01	.93068E-03	-.32630E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.12969E-01	.42937E-03	-.13447E-01	.00000E+00
36	.25097E-01	.49723E-03	-.25862E-01	.00000E+00
37	.28120E-01	.52630E-03	-.29147E-01	.00000E+00
38	.31357E-01	.60694E-03	-.33802E-01	.00000E+00
39	.33874E-01	.89337E-03	-.38003E-01	-.21969E-04
40	.33812E-01	.10436E-02	-.37774E-01	-.61079E-05
41	.33751E-01	.10428E-02	-.37563E-01	.56509E-05
42	.33663E-01	.89911E-03	-.37326E-01	.17706E-04
43	.28001E-01	.78273E-03	-.28070E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.12252E-01	-.23200E-03	-.11965E-01	.00000E+00
46	.25223E-01	.40461E-03	-.24314E-01	.00000E+00
47	.33904E-01	.72686E-03	-.38083E-01	-.17644E-04
48	.33695E-01	.80602E-03	-.38079E-01	-.28055E-04
49	.31329E-01	.66979E-03	-.33483E-01	.00000E+00
50	.34230E-01	.79316E-03	-.38228E-01	-.79612E-04
51	.31795E-01	.81263E-03	-.32390E-01	.00000E+00
52	.35580E-01	.68604E-03	-.35593E-01	.00000E+00
53	.33925E-01	.63811E-03	-.38102E-01	-.22993E-05
54	.27998E-01	.36301E-03	-.25864E-01	.00000E+00
55	.31393E-01	.67505E-03	-.28508E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.10537E-01	.10965E-02	-.83685E-02	.00000E+00
58	.22598E-01	.50385E-03	-.15983E-01	.00000E+00
59	.36346E-01	.36052E-03	-.33227E-01	.00000E+00
60	.35733E-01	.61511E-03	-.34440E-01	.00000E+00
61	.34536E-01	.79163E-03	-.38322E-01	-.12200E-03
62	.26520E-01	.11975E-03	-.19340E-01	.00000E+00
63	.30510E-01	-.58751E-04	-.23777E-01	.00000E+00
64	.36308E-01	.63323E-03	-.35101E-01	.00000E+00
65	.34940E-01	.79164E-03	-.38411E-01	-.15124E-03
66	.35068E-01	.79640E-03	-.38589E-01	-.18316E-03
67	.37055E-01	.79552E-03	-.38782E-01	-.17419E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.82975E-02	-.17595E-03	-.47816E-02	.00000E+00
70	.23879E-01	-.12205E-03	-.15463E-01	.00000E+00
[illegible]	.35487E-01	-.30774E-03	-.27186E-01	[illegible]000E+00
[illegible]	.37317E-01	.52224E-03	-.36104E-01	[illegible]000E+00

	.29362E-01	-.16307E-03	-.17230E-01	.00000E+00
	.39594E-01	.46353E-03	-.37804E-01	.00000E+00
73	.37205E-01	.78671E-03	-.39953E-01	-.13205E-03
74	.39235E-01	.91031E-03	-.39964E-01	-.91902E-04
77	.33759E-01	-.59320E-03	-.21535E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.33585E-02	.30131E-03	-.60116E-02	.00000E+00
80	.22835E-01	-.41566E-03	-.13005E-01	.00000E+00
81	.25220E-01	-.53445E-03	-.14041E-01	.00000E+00
82	.28284E-01	-.79337E-03	-.17339E-01	.00000E+00
83	.30560E-01	-.64815E-03	-.30174E-01	.00000E+00
84	.37197E-01	-.94152E-03	-.23838E-01	.00000E+00
85	.40646E-01	.80539E-03	-.39725E-01	-.73271E-04
86	.41045E-01	.46353E-03	-.39096E-01	.00000E+00
87	.33055E-01	-.78331E-03	-.19679E-01	.00000E+00
88	.41130E-01	.13663E-03	-.34973E-01	.00000E+00
89	.41605E-01	.83938E-03	-.40159E-01	-.58636E-04
90	.25922E-01	-.26093E-03	-.84073E-02	.00000E+00
91	.27803E-01	-.50876E-03	-.96210E-02	.00000E+00
92	.29765E-01	-.18498E-03	-.10388E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.11161E-01	.00000E+00	-.33290E-02	.00000E+00
95	.20535E-01	.00000E+00	-.58801E-02	.00000E+00
96	.23532E-01	.00000E+00	-.68911E-02	.00000E+00
97	.24538E-01	.00000E+00	-.65276E-02	.00000E+00
98	.24072E-01	.00000E+00	-.62229E-02	.00000E+00
99	.26388E-01	.12936E-04	-.71555E-02	.00000E+00
100	.32707E-01	-.28693E-03	-.13525E-01	.00000E+00
101	.39524E-01	-.28676E-03	-.23626E-01	.00000E+00
102	.43099E-01	.86394E-03	-.40763E-01	-.52883E-04
103	.41420E-01	-.44657E-03	-.30647E-01	.00000E+00
104	.43788E-01	.65783E-03	-.40549E-01	.00000E+00
105	.44135E-01	.87321E-03	-.41302E-01	-.45714E-04
106	.43298E-01	-.51773E-03	-.34321E-01	.00000E+00
107	.45497E-01	.68157E-03	-.41111E-01	.00000E+00
108	.45336E-01	.87757E-03	-.41794E-01	-.43639E-04
109	.46194E-01	.88039E-03	-.42224E-01	-.36938E-04
110	.45637E-01	.57480E-03	-.36458E-01	.00000E+00
111	.47335E-01	.97017E-03	-.42206E-01	.00000E+00
112	.47133E-01	.88114E-03	-.42577E-01	-.33071E-04
113	.46969E-01	.31487E-03	-.38755E-01	.00000E+00
114	.47649E-01	.84315E-03	-.42870E-01	-.12520E-04
115	.47821E-01	.82086E-03	-.43080E-01	-.28772E-05
116	.47799E-01	.76583E-03	-.43218E-01	.55283E-05
117	.47602E-01	.10650E-02	-.43321E-01	.00000E+00
118	.47697E-01	.75105E-03	-.43273E-01	.11659E-04
119	.47376E-01	.71963E-03	-.43332E-01	.20268E-04
120	.48075E-01	.73590E-03	-.43472E-01	.00000E+00
121	.46740E-01	.66616E-03	-.43355E-01	.34486E-04
122	.46669E-01	.38025E-03	-.43419E-01	.41077E-04
123	.46565E-01	.11561E-03	-.43469E-01	.46217E-04
124	.46447E-01	-.18211E-03	-.43520E-01	.52036E-04
125	.46290E-01	-.51837E-03	-.43572E-01	.59793E-04
126	.45388E-01	-.11541E-02	-.43658E-01	.66182E-04
127	.45668E-01	-.18257E-02	-.43741E-01	.66425E-04
128	.45070E-01	-.31658E-02	-.43910E-01	.52607E-04
129	.44676E-01	-.41115E-02	-.44066E-01	.32858E-04
130	.44469E-01	-.46575E-02	-.44236E-01	.10219E-04
131	.44543E-01	-.44907E-02	-.44493E-01	-.13334E-04
132	.44792E-01	-.37026E-02	-.44719E-01	-.19306E-04
133	.45011E-01	-.29009E-02	-.44917E-01	-.16167E-04
134	.45152E-01	-.22543E-02	-.45076E-01	-.13029E-04
135	.45248E-01	-.17170E-02	-.45204E-01	-.11987E-04
136	.45318E-01	-.11315E-02	-.45298E-01	-.12129E-04

137	.45350E-01	-.65517E-03	-.45353E-01	-.12066E-04
138	.45387E-01	-.98418E-04	-.45387E-01	-.12517E-04
139	.45387E-01	-.12340E-04	-.45387E-01	-.12269E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5200E+01

ELM	R-PRO Z-PRO	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.57E-03	3.62E-02	1.11E-02	1.57E+00	2.46E-03	-1.58E+00	1.59E+00	-1.56E+00	45.31	2.57E-03	1.57E+00
	-303.00	-5.31E-07	9.99E-07	-1.43E-07	1.43E-04	2.24E-07	-1.44E-04	7.18E-05	-7.13E-05			
2	72.00	1.79E-02	5.20E-02	-5.26E-03	1.32E+00	-1.62E-03	-1.36E+00	1.36E+00	-1.29E+00	45.37	1.79E-02	1.32E+00
	-213.00	-2.53E-08	1.52E-06	-1.08E-06	1.20E-04	-1.47E-07	-1.24E-04	6.09E-05	-5.94E-05			
3	72.00	2.18E-01	5.90E-02	-2.75E-02	8.86E-01	-7.73E-02	-9.57E-01	1.03E+00	-7.51E-01	42.44	2.18E-01	8.86E-01
	-138.00	3.64E-06	3.32E-08	-1.93E-06	4.03E-05	-3.52E-06	-4.35E-05	2.21E-05	-1.84E-05			
4	24.00	9.20E-01	4.40E-01	5.46E-01	1.65E+00	-2.46E-01	-1.78E+00	2.34E+00	-9.83E-01	40.85	9.20E-01	1.65E+00
	-68.00	1.44E-05	-4.01E-06	4.32E-08	1.27E-04	-1.89E-05	-1.37E-04	6.92E-05	-5.87E-05			
5	72.00	-2.69E-01	-1.10E-01	-2.98E-01	7.15E-01	4.15E-02	-7.80E-01	5.30E-01	-9.05E-01	48.17	-1.10E-01	-7.15E-01
	-88.00	-2.91E-06	3.20E-06	-4.00E-06	5.50E-05	3.19E-06	-6.00E-05	2.78E-05	-2.75E-05			
6	120.00	-1.38E-01	-1.33E-01	-1.96E-01	1.41E+00	7.47E-02	-1.40E+00	1.27E+00	-1.54E+00	45.05	1.25E+00	-2.51E-01
	-68.00	-1.75E-07	1.30E-08	-2.40E-06	1.08E-04	5.75E-06	-1.07E-04	5.40E-05	-5.42E-05			
7	36.25	3.97E-01	1.62E-01	1.19E-01	7.63E-01	-1.01E-01	-7.36E-01	1.05E+00	-4.93E-01	40.62	3.71E-01	7.67E-01
	-19.00	7.83E-06	-1.21E-06	-2.89E-06	5.87E-05	-7.76E-06	-5.66E-05	3.30E-05	-2.64E-05			
8	108.00	-3.67E-02	-8.39E-02	-1.19E-01	6.01E-01	7.58E-03	-6.52E-01	5.42E-01	-6.62E-01	43.88	-3.67E-02	6.01E-01
	-19.00	1.23E-06	-5.91E-07	-1.95E-06	4.63E-05	5.83E-07	-5.01E-05	2.35E-05	-2.28E-05			
9	216.00	7.09E-02	9.06E-02	4.94E-02	1.57E+00	-9.63E-03	-1.60E+00	1.65E+00	-1.49E+00	45.18	7.09E-02	1.57E+00
	-303.00	4.84E-07	1.38E-06	-4.93E-07	1.43E-04	-8.76E-07	-1.46E-04	7.24E-05	-7.05E-05			
10	216.00	1.13E-01	9.03E-02	3.03E-02	1.36E+00	-3.39E-02	-1.40E+00	1.46E+00	-1.26E+00	44.76	1.13E-01	1.36E+00
	-213.00	2.10E-06	1.07E-06	-1.65E-06	1.24E-04	-3.08E-06	-1.28E-04	6.34E-05	-6.02E-05			
11	216.00	2.19E-01	7.21E-02	-5.70E-02	1.05E+00	-1.11E-01	-1.11E+00	1.20E+00	-9.08E-01	43.00	2.19E-01	1.05E+00
	-138.00	3.75E-06	4.11E-07	-2.52E-06	4.78E-05	-5.06E-06	-5.03E-05	2.60E-05	-2.19E-05			
12	168.00	4.39E-01	3.23E-01	2.42E-01	1.58E+00	-2.08E-01	-1.61E+00	1.96E+00	-1.20E+00	43.94	4.39E-01	1.58E+00
	-68.00	5.86E-06	1.38E-06	-1.72E-06	1.22E-04	-1.60E-05	-1.24E-04	6.44E-05	-5.72E-05			
13	216.00	-3.90E-01	-1.20E-01	-3.54E-01	6.42E-01	2.27E-02	-6.94E-01	4.01E-01	-9.11E-01	50.93	-1.20E-01	-6.42E-01
	-88.00	-5.50E-06	4.87E-06	-4.11E-06	4.94E-05	1.75E-06	-5.34E-05	2.49E-05	-2.56E-05			
14	264.00	3.82E-02	-1.13E-01	-1.52E-01	1.37E+00	2.38E-02	-1.42E+00	1.34E+00	-1.41E+00	43.43	1.30E+00	-3.22E-01
	-68.00	3.96E-06	-1.84E-06	-3.37E-06	1.06E-04	1.83E-06	-1.09E-04	5.40E-05	-5.19E-05			
15	180.00	1.83E-01	3.63E-02	-2.15E-02	6.66E-01	-1.41E-01	-6.56E-01	7.80E-01	-5.60E-01	41.86	1.83E-01	6.66E-01
	-19.00	4.87E-06	-7.78E-07	-3.00E-06	5.12E-05	-1.09E-05	-5.05E-05	2.78E-05	-2.37E-05			
16	252.00	9.31E-02	-6.38E-02	-1.29E-01	5.71E-01	-5.10E-02	-6.87E-01	5.91E-01	-5.62E-01	41.09	9.31E-02	5.71E-01
	-19.00	4.68E-06	-1.35E-06	-3.88E-06	4.39E-05	-3.92E-06	-5.28E-05	2.38E-05	-2.05E-05			
17	361.00	9.08E-02	1.32E-01	7.15E-02	1.59E+00	-2.37E-03	-1.64E+00	1.70E+00	-1.48E+00	45.37	9.08E-02	1.59E+00
	-303.00	3.08E-07	2.17E-06	-5.68E-07	1.45E-04	-2.16E-07	-1.49E-04	7.35E-05	-7.11E-05			
18	361.00	1.41E-01	1.13E-01	4.80E-02	1.42E+00	-2.02E-02	-1.47E+00	1.55E+00	-1.30E+00	44.72	1.41E-01	1.42E+00
	-213.00	2.47E-06	1.23E-06	-1.74E-06	1.29E-04	-1.84E-06	-1.34E-04	6.66E-05	-6.29E-05			
19	361.00	2.50E-01	7.92E-02	-6.70E-02	1.10E+00	-9.89E-02	-1.24E+00	1.27E+00	-9.41E-01	42.79	2.50E-01	1.10E+00
	-138.00	4.31E-06	4.26E-07	-2.90E-06	5.01E-05	-4.49E-06	-5.65E-05	2.75E-05	-2.28E-05			
20	312.00	7.77E-01	4.99E-01	4.06E-01	1.77E+00	-3.59E-01	-1.91E+00	2.41E+00	-1.14E+00	42.75	7.77E-01	1.77E+00
	-68.00	1.14E-05	7.03E-07	-2.85E-06	1.36E-04	-2.76E-05	-1.47E-04	7.42E-05	-6.21E-05			
21	360.67	-6.52E-01	-3.04E-01	-5.44E-01	8.22E-01	9.03E-02	-1.00E+00	3.62E-01	-1.32E+00	50.97	-3.04E-01	-8.22E-01
	-88.00	-8.58E-06	4.79E-06	-4.45E-06	6.32E-05	6.85E-06	-7.73E-05	3.04E-05	-3.42E-05			
22	409.33	3.92E-01	5.19E-01	2.21E-01	1.70E+00	2.50E-03	-2.11E+00	2.16E+00	-1.25E+00	46.07	2.13E+00	-2.89E-01
	-68.00	2.63E-06	7.51E-06	-3.92E-06	1.31E-04	1.92E-07	-1.63E-04	7.05E-05	-6.04E-05			
23	324.00	3.51E-01	7.39E-02	-1.50E-02	6.78E-01	-2.52E-01	-6.92E-01	9.05E-01	-4.80E-01	39.22	3.51E-01	6.78E-01
	-19.00	9.00E-06	-1.67E-06	-5.06E-06	5.22E-05	-1.94E-05	-5.33E-05	3.03E-05	-2.30E-05			
24	372.00	1.73E-01	-1.96E-01	-2.20E-01	1.83E+00	-2.41E-01	-1.97E+00	1.83E+00	-1.85E+00	42.12	1.73E-01	1.83E+00
	-9.33	9.31E-06	-4.86E-06	-5.79E-06	1.41E-04	-1.85E-05	-1.52E-04	7.29E-05	-6.84E-05			
25	401.25	1.17E-01	-1.13E-03	-1.87E-01	5.99E-01	-7.39E-02	-6.04E-01	6.60E-01	-5.44E-01	42.18	-4.53E-01	3.19E-01
	-19.00	5.29E-06	7.39E-07	-6.42E-06	4.61E-05	-5.68E-06	-6.18E-05	2.62E-05	-2.01E-05			
26	427.67	7.64E-01	5.62E-01	3.43E-01	2.05E+00	-3.30E-01	-2.79E+00	2.72E+00	-1.35E+00	43.64	1.96E+00	1.60E+00
	-9.33	[illegible]10E-05	3.46E-06	-5.22E-06	1.58E-04	-2.54E-05	-[illegible]-04	8.63E-05	-7.15E-05			
27	457.0[illegible]	[illegible]08E-01	2.03E-01	1.08E-01	1.61E+00	1.19E-02	[illegible]+00	1.77E+00	-1.45E+00	45.85	1.08E-01	1.61[illegible]

	-303.00	[illegible].47E-07	3.80E-06	-5.24E-07	1.46E-04	1.08E-06	[illegible]-04	7.48E-05	-7.15E-05				
28	457.00	1.29E-01	1.09E-01	4.96E-02	1.50E+00	1.31E-02	[illegible]E+00	1.61E+00	-1.38E+00	44.80	1.29E-01	1.50E[illegible]	
	-213.00	2.14E-06	1.17E-06	-1.44E-06	1.36E-04	1.20E-05	-1.38E-04	6.97E-05	-6.64E-05				
29	457.00	4.22E-01	1.58E-01	3.84E-02	1.14E+00	9.19E-02	-1.28E+00	1.44E+00	-8.61E-01	41.70	4.22E-01	1.14E+00	
	-138.00	6.36E-06	3.39E-07	-2.37E-06	5.20E-05	4.18E-06	-5.84E-05	2.95E-05	-2.22E-05				
30	442.00	3.14E-01	7.10E-01	2.77E-01	1.95E+00	9.20E-02	-2.16E+00	2.48E+00	-1.45E+00	47.90	3.14E-01	1.95E+00	
	-68.00	-2.24E-06	1.30E-05	-3.63E-06	1.50E-04	7.08E-06	-1.66E-04	8.09E-05	-7.01E-05				
31	457.33	-2.35E+00	-1.17E+00	-1.49E+00	7.09E-01	1.15E+00	-1.17E+00	-8.34E-01	-2.66E+00	64.95	-1.17E+00	-7.09E-01	
	-88.00	-3.54E-05	1.02E-05	-2.25E-06	5.45E-05	8.84E-05	-8.97E-05	2.79E-05	-4.82E-05				
32	472.67	3.68E+00	2.82E+00	2.52E+00	1.71E+00	-6.65E-01	-2.79E+00	5.02E+00	1.45E+00	37.98	4.69E+00	1.03E+00	
	-68.00	4.24E-05	9.43E-06	-2.17E-06	1.32E-04	-5.11E-05	-2.14E-04	9.37E-05	-4.19E-05				
33	443.00	3.75E-01	2.47E-01	1.04E-02	9.74E-01	-9.91E-02	-1.07E+00	1.29E+00	-6.65E-01	43.12	3.75E-01	9.74E-01	
	-10.50	7.48E-06	2.54E-06	-6.55E-06	7.49E-05	-7.62E-06	-8.23E-05	4.26E-05	-3.25E-05				
34	454.00	2.89E+00	2.00E+00	1.78E+00	2.54E+00	-7.78E-01	-3.53E+00	5.03E+00	-1.41E-01	40.03	3.89E+00	2.14E+00	
	-11.33	3.79E-05	3.57E-06	-4.86E-06	1.96E-04	-5.98E-05	-2.72E-04	1.20E-04	-7.86E-05				
35	461.67	5.04E-01	5.24E-01	2.37E-01	2.42E+00	-1.88E-01	-3.64E+00	2.93E+00	-1.90E+00	45.12	5.04E-01	2.42E+00	
	-12.00	5.49E-06	6.24E-06	-4.78E-06	1.86E-04	-1.45E-05	-2.80E-04	9.89E-05	-8.71E-05				
36	469.00	-1.74E+00	-7.22E-01	-1.17E+00	2.46E-01	1.03E+00	-1.45E+00	-6.66E-01	-1.79E+00	77.07	-7.22E-01	-2.46E-01	
	-30.00	-2.69E-05	1.21E-05	-5.21E-06	1.89E-05	7.92E-05	-1.12E-04	1.43E-05	-2.90E-05				
37	476.33	1.15E+00	1.49E+00	8.69E-01	1.63E+00	-2.04E-01	-3.00E+00	2.95E+00	-3.14E-01	47.96	1.80E+00	1.56E+00	
	-12.00	5.72E-06	1.87E-05	-5.13E-06	1.25E-04	-1.57E-05	-2.30E-04	7.51E-05	-5.07E-05				
38	558.50	-1.07E-01	-3.23E-02	-5.82E-02	1.52E+00	5.29E-02	-1.55E+00	1.45E+00	-1.55E+00	45.70	-1.07E-01	1.52E+00	
	-303.00	-2.28E-06	1.09E-06	-8.59E-09	1.38E-04	4.81E-06	-1.41E-04	6.84E-05	-6.96E-05				
39	558.50	4.73E-02	1.75E-01	8.82E-02	1.51E+00	1.06E-01	-1.52E+00	1.62E+00	-1.40E+00	46.21	4.73E-02	1.51E+00	
	-213.00	-1.88E-06	3.92E-06	-2.16E-08	1.37E-04	9.67E-06	-1.38E-04	6.96E-05	-6.76E-05				
40	506.17	2.23E-02	3.41E-01	2.25E-02	3.35E+00	3.35E-01	-3.24E+00	3.54E+00	-3.18E+00	46.36	2.23E-02	3.35E+00	
	-128.00	-1.52E-06	5.73E-06	-1.51E-06	1.52E-04	1.52E-05	-1.47E-04	7.84E-05	-7.42E-05				
41	558.50	-8.73E-01	2.51E-01	-9.36E-02	1.45E+00	9.24E-01	-2.08E+00	1.24E+00	-1.87E+00	55.60	2.51E-01	-1.45E+00	
	-148.00	-1.61E-05	9.45E-06	1.63E-06	6.59E-05	4.20E-05	-9.46E-05	9.20E-05	-3.86E-05				
42	610.83	2.16E-01	4.42E-01	2.82E-01	2.94E+00	5.85E-01	-2.53E+00	3.27E+00	-2.61E+00	46.10	3.19E+00	-6.62E-01	
	-128.00	-2.87E-08	5.12E-06	1.49E-06	1.34E-04	2.66E-05	-1.15E-04	6.94E-05	-6.43E-05				
43	501.38	-1.98E-01	-7.85E-02	-2.14E-01	7.53E-01	3.36E-01	-9.30E-01	6.17E-01	-8.94E-01	47.27	-1.98E-01	7.53E-01	
	-78.00	-2.22E-06	2.37E-06	-2.84E-06	5.79E-05	2.58E-05	-7.15E-05	2.91E-05	-2.90E-05				
44	534.67	4.47E-01	2.51E-01	2.75E-01	2.39E+00	2.00E-01	-3.06E+00	2.74E+00	-2.05E+00	43.83	2.69E+00	-5.12E-01	
	-68.00	6.51E-06	-1.04E-06	-1.29E-07	1.84E-04	1.54E-05	-2.36E-04	9.48E-05	-8.94E-05				
45	584.67	-4.46E-01	-3.33E-01	-3.16E-01	2.36E+00	6.44E-01	-1.98E+00	1.97E+00	-2.75E+00	45.69	-4.46E-01	2.36E+00	
	-68.00	-5.12E-06	-7.81E-07	-1.18E-07	1.81E-04	4.96E-05	-1.53E-04	8.77E-05	-9.36E-05				
46	610.83	-2.30E+00	-7.33E-01	-1.09E+00	1.28E+00	1.12E+00	-1.63E+00	-1.43E-02	-3.02E+00	60.73	-7.33E-01	-1.28E+00	
	-88.00	-4.33E-05	1.71E-05	3.49E-06	9.87E-05	8.64E-05	-1.25E-04	4.48E-05	-7.10E-05				
47	482.63	-1.34E-01	-4.07E-02	-3.13E-01	5.35E-01	3.15E-01	-1.07E+00	4.50E-01	-6.25E-01	47.50	-1.34E-01	5.35E-01	
	-21.00	1.99E-07	3.81E-06	-6.69E-06	4.12E-05	2.42E-05	-8.24E-05	2.27E-05	-1.87E-05				
48	485.83	2.34E-01	3.02E-01	5.29E-02	1.56E+00	4.18E-02	-3.34E+00	1.83E+00	-1.30E+00	45.62	4.36E-01	1.56E+00	
	-12.00	2.53E-06	5.14E-06	-4.43E-06	1.20E-04	3.22E-06	-2.57E-04	6.40E-05	-5.63E-05				
49	507.88	2.52E-02	-1.44E-01	-2.46E-01	5.90E-01	1.99E-01	-1.19E+00	5.37E-01	-6.55E-01	40.92	2.52E-02	5.90E-01	
	-21.00	4.98E-06	-1.52E-06	-5.47E-06	4.54E-05	1.53E-05	-9.14E-05	2.47E-05	-2.12E-05				
50	538.67	4.69E-01	-1.85E-02	1.41E-01	2.12E+00	8.27E-01	-2.64E+00	2.36E+00	-1.91E+00	41.74	2.32E+00	-4.46E-01	
	-10.00	1.15E-05	-7.13E-06	-1.11E-06	1.63E-04	6.36E-05	-2.03E-04	8.43E-05	-7.99E-05				
51	484.67	-7.37E+00	-5.11E+00	-5.30E+00	-1.32E-01	6.16E-01	-3.41E-01	-5.10E+00	-7.37E+00	-86.66	-5.11E+00	1.32E-01	
	8.00	-8.79E-05	-1.14E-06	-8.62E-06	-1.02E-05	4.74E-05	-2.67E-05	-8.47E-07	-8.82E-05				
52	507.00	2.03E+00	2.36E+00	1.53E+00	1.32E+00	3.84E-01	1.12E+00	3.53E+00	8.61E-01	48.64	3.26E+00	7.98E-01	
	9.00	1.28E-05	2.58E-05	-6.10E-06	1.02E-04	2.95E-05	8.63E-05	7.06E-05	-3.20E-05				
53	603.00	1.18E-01	-3.54E-02	1.34E-01	9.20E-01	4.37E-01	-8.29E-01	9.64E-01	-8.81E-01	42.62	-4.72E-01	7.67E-01	
	-18.00	2.16E-06	-3.74E-06	2.78E-06	7.07E-05	3.36E-05	-6.38E-05	3.47E-05	-3.63E-05				
54	712.00	-1.28E-01	1.03E-01	1.67E-02	1.44E+00	1.22E-01	-1.25E+00	1.43E+00	-1.46E+00	47.29	-1.28E-01	1.44E+00	
	-303.00	-5.72E-06	4.80E-06	8.62E-07	1.31E-04	1.11E-05	-1.13E-04	6.53E-05	-6.62E-05				
55	712.00	-7.90E-01	-4.66E-01	-3.95E-01	1.58E+00	3.99E-01	-1.23E+00	9.62E-01	-2.22E+00	47.92	-7.90E-01	1.59E+00	
	-213.00	-1.45E-05	2.44E-07	3.50E-06	1.44E-04	3.63E-05	-1.12E-04	6.52E-05	-7.94E-05				
56	712.00	-9.74E-01	-5.26E-01	-1.12E-01	1.22E+00	9.59E-01	-9.10E-01	4.87E-01	-1.99E+00	50.21	-9.74E-01	1.22E+00	
	-138.00	-1.37E-05	-3.51E-06	5.91E-06	5.53E-05	4.36E-05	-4.14E-05	1.95E-05	-3.67E-05				
57	712.00	-2.12E-01	2.06E-02	1.65E-01	7.57E-01	4.01E-01	-7.72E-01	6.70E-01	-8.62E-01	49.37	-2.12E-01	7.57E-01	
	-78.00	-7.87E-06	1.08E-06	6.65E-06	5.83E-05	3.09E-05	-5.94E-05	2.61E-05	-3.29E-05				
58	712.00	-3.13E-01	-2.85E-01	2.97E-02	1.01E+00	3.71E-01	-8.84E-01	7.16E-01	-1.31E+00	45.40	-3.13E-01	1.01E+00	
	-18.00	-5.81E-06	-4.70E-06	7.39E-06	7.81E-05	2.85E-05	-6.80E-05	3.38E-05	-4.43E-05				
59	937.00	-4.10E+00	-2.29E+00	-2.55E+00	1.21E+00	6.14E-01	-1.02E+00	-1.68E+00	-4.70E+00	63.45	-2.29E+00	-1.21E+00	

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	-318.00	-7.02E-05	1.22E-05	.00E+00	1.10E-04	5.59E-05	-9.30E-05	3.96E-05	-9.77E-05				
60	887.00	-6.22E-01	-1.12E-01	-2.94E-01	3.22E+00	2.63E-01	-2.15E+00	2.87E+00	-3.60E+00	47.26	2.60E+00	-1.29E+00	
	-288.00	-1.49E-05	8.21E-06	.00E+00	2.93E-04	2.39E-05	-1.09E-04	1.44E-04	-1.50E-04				
61	987.00	6.06E-01	6.43E-01	4.56E-01	3.28E+00	-9.02E-02	-1.90E+00	3.85E+00	-2.71E+00	43.90	6.96E-01	3.28E+00	
	-288.00	1.09E-05	-5.62E-07	.00E+00	2.98E-04	-8.20E-06	-1.73E-04	1.54E-04	-1.44E-04				
62	1037.00	-4.08E+00	-2.47E+00	-2.62E+00	2.41E+00	4.41E-01	-1.47E+00	-7.36E-01	-5.81E+00	54.22	-2.47E+00	-2.41E+00	
	-318.00	-6.62E-05	6.74E-06	.00E+00	2.19E-04	4.01E-05	-1.34E-04	8.56E-05	-1.45E-04				
63	862.00	-7.96E-02	-7.59E-02	1.23E-01	1.62E+00	9.45E-02	-1.12E+00	1.54E+00	-1.70E+00	45.03	-7.96E-02	1.62E+00	
	-213.00	-3.19E-06	-3.03E-06	6.01E-06	1.47E-04	7.68E-06	-1.02E-04	7.05E-05	-7.67E-05				
64	1012.00	2.46E-01	1.20E-01	3.42E-01	1.75E+00	-2.49E-02	-1.08E+00	1.93E+00	-1.57E+00	43.97	2.46E-01	1.75E+00	
	-213.00	1.98E-06	-3.73E-06	6.34E-06	1.59E-04	-2.26E-06	-9.81E-05	7.86E-05	-9.04E-05				
65	837.00	7.96E-02	-1.80E-01	5.45E-01	1.22E+00	5.00E-01	-1.23E+00	1.17E+00	-1.27E+00	41.96	-1.80E-01	-1.22E+00	
	-148.00	-5.24E-07	-6.42E-06	1.01E-05	5.53E-05	2.27E-05	-5.88E-05	2.43E-05	-3.13E-05				
66	937.00	-1.67E-01	-1.50E-01	4.19E-01	2.14E+00	1.91E-01	-1.35E+00	1.98E+00	-2.30E+00	45.12	1.32E+00	-1.55E+00	
	-128.00	-4.33E-06	-3.94E-06	8.98E-06	9.74E-05	8.68E-06	-6.12E-05	4.45E-05	-5.26E-05				
67	1037.00	-1.96E+00	-6.09E-01	-2.28E-01	2.07E+00	6.63E-01	-1.65E+00	8.90E-01	-3.46E+00	54.04	-6.09E-01	-2.07E+00	
	-148.00	-2.98E-05	8.18E-07	9.47E-06	9.39E-05	3.01E-05	-7.49E-05	3.49E-05	-6.39E-05				
68	837.00	-7.00E-01	-7.76E-01	-2.70E-01	2.34E+00	4.56E-01	-1.47E+00	1.60E+00	-3.07E+00	44.54	-7.00E-01	2.34E+00	
	-68.00	-7.65E-06	-1.06E-05	8.58E-06	1.90E-04	3.51E-05	-1.13E-04	8.08E-05	-9.90E-05				
69	937.00	-6.46E-01	1.02E-01	2.48E-01	1.27E+00	4.42E-01	-1.03E+00	1.11E+00	-1.57E+00	54.00	1.82E-01	-1.27E+00	
	-88.00	-2.25E-05	9.36E-06	1.19E-05	9.80E-05	3.40E-05	-7.92E-05	4.49E-05	-5.81E-05				
70	1037.00	-1.35E-01	-1.55E-02	3.32E-01	2.17E+00	-1.50E-01	-2.11E+00	2.10E+00	-2.25E+00	45.79	1.46E+00	-1.53E+00	
	-68.00	-7.19E-06	-2.59E-06	1.08E-05	1.67E-04	-1.15E-05	-1.63E-04	7.86E-05	-8.84E-05				
71	862.00	-4.52E-01	-3.52E-01	9.44E-02	9.98E-01	3.80E-01	-8.31E-01	5.98E-01	-1.40E+00	46.44	-4.52E-01	9.98E-01	
	-18.00	-9.59E-06	-5.73E-06	1.14E-05	7.68E-05	2.92E-05	-6.40E-05	3.08E-05	-4.61E-05				
72	1012.00	2.24E-01	2.10E-01	6.19E-01	1.06E+00	-8.35E-02	-7.12E-01	1.27E+00	-8.38E-01	44.80	2.24E-01	1.06E+00	
	-18.00	-2.94E-06	-3.52E-06	1.27E-05	8.17E-05	-6.42E-06	-5.48E-05	3.74E-05	-4.38E-05				
73	1387.00	2.35E-01	2.49E-01	2.59E-01	1.29E+00	1.28E-03	-5.71E-01	1.53E+00	-1.04E+00	45.16	2.35E-01	1.29E+00	
	-303.00	1.02E-06	1.69E-06	2.12E-06	1.17E-04	1.17E-07	-5.19E-05	5.98E-05	-5.71E-05				
74	1387.00	5.26E-02	-1.56E-02	2.16E-01	1.36E+00	1.81E-02	-5.83E-01	1.38E+00	-1.34E+00	44.28	5.26E-02	1.36E+00	
	-213.00	-8.95E-07	-3.99E-06	6.53E-06	1.24E-04	1.65E-06	-5.30E-05	5.95E-05	-6.44E-05				
75	1387.00	2.26E-02	1.25E-01	5.84E-01	1.00E+00	5.44E-02	-3.71E-01	1.08E+00	-9.31E-01	46.46	2.26E-02	1.00E+00	
	-138.00	-3.32E-06	-9.90E-07	9.43E-06	4.56E-05	2.47E-06	-1.68E-05	2.07E-05	-2.50E-05				
76	1187.00	-3.46E-01	-2.53E-01	1.03E-01	1.50E+00	2.65E-01	-2.03E-01	1.20E+00	-1.80E+00	45.89	-3.46E-01	1.50E+00	
	-68.00	-7.87E-06	-4.27E-06	9.42E-06	1.16E-04	2.04E-05	-1.56E-05	5.18E-05	-6.39E-05				
77	1387.00	-4.65E-01	-3.85E-01	9.69E-02	8.06E-01	1.87E-01	-4.93E-01	3.82E-01	-1.23E+00	46.43	-3.85E-01	-8.06E-01	
	-88.00	-9.61E-06	-6.52E-06	1.20E-05	6.20E-05	1.44E-05	-3.79E-05	2.30E-05	-3.91E-05				
78	1587.00	-4.07E-02	-3.30E-02	3.52E-01	9.65E-01	-5.49E-02	-1.71E-01	9.28E-01	-1.00E+00	45.10	3.37E-01	-8.90E-01	
	-68.00	-4.61E-06	-4.35E-06	1.05E-05	7.43E-05	-4.22E-06	-1.32E-05	3.26E-05	-4.16E-05				
79	1237.00	-5.66E-01	-2.48E-01	1.23E-01	8.36E-01	2.51E-01	-3.79E-05	4.44E-01	-1.26E+00	50.40	-5.66E-01	8.36E-01	
	-18.00	-1.42E-05	-1.52E-06	1.23E-05	6.43E-05	1.93E-05	-2.91E-05	2.47E-05	-4.08E-05				
80	1433.80	-3.44E-01	-1.79E-01	2.36E-01	9.64E-01	6.95E-02	-2.52E-01	7.07E-01	-1.23E+00	47.46	-3.44E-01	9.64E-01	
	-8.00	-1.01E-05	-3.70E-06	1.22E-05	7.42E-05	5.34E-06	-1.94E-05	3.03E-05	-4.41E-05				
81	1533.80	-5.60E-01	-1.44E-01	1.46E-01	5.91E-01	3.75E-02	-1.74E-01	2.75E-01	-9.79E-01	54.68	-1.44E-01	-5.91E-01	
	-28.00	-1.56E-05	5.85E-07	1.17E-05	4.55E-05	2.88E-06	-1.34E-05	1.67E-05	-3.15E-05				
82	1633.80	-5.48E-01	-1.65E-01	1.16E-01	1.98E-01	-6.73E-02	-3.99E-03	-8.10E-02	-6.31E-01	67.02	-8.19E-02	-2.28E-02	
	-8.00	-1.45E-05	2.09E-07	1.10E-05	1.52E-05	-5.18E-06	-3.07E-07	3.44E-06	-1.77E-05				
83	1433.80	-2.39E+00	-1.06E+00	-8.93E-01	6.60E-01	5.81E-01	-2.13E-01	-7.90E-01	-2.66E+00	67.61	-1.06E+00	-6.60E-01	
	27.60	-4.42E-05	6.92E-06	1.34E-05	5.08E-05	4.47E-05	-1.64E-05	1.74E-05	-5.47E-05				
84	1296.10	-8.34E-01	-1.29E-01	1.14E-01	6.94E-01	2.83E-01	-3.22E-01	2.97E-01	-1.26E+00	58.47	-5.51E-01	-7.75E-01	
	40.70	-2.27E-05	4.38E-06	1.37E-05	5.34E-05	2.18E-05	-2.48E-05	2.08E-05	-3.91E-05				
85	1148.60	-3.45E-01	1.73E-01	3.84E-01	8.77E-01	3.04E-01	-5.15E-02	8.29E-01	-1.00E+00	53.22	6.89E-01	4.85E-01	
	57.33	-1.56E-05	4.33E-06	1.24E-05	6.75E-05	2.34E-05	-3.96E-06	2.95E-05	-4.08E-05				
86	1131.40	-3.04E+00	-1.44E+00	-1.18E+00	3.74E-01	1.17E+00	3.21E-02	-1.36E+00	-3.12E+00	77.49	-1.44E+00	-3.74E-01	
	112.00	-5.48E-05	6.82E-06	1.70E-05	2.88E-05	8.97E-05	2.47E-06	1.00E-05	-5.80E-05				
87	1015.80	-9.12E-01	-4.97E-01	-5.41E-02	9.97E-01	5.00E-01	-1.42E+00	3.14E-01	-1.72E+00	50.68	-4.97E-01	-9.97E-01	
	34.67	-1.90E-05	-3.04E-06	1.40E-05	7.67E-05	3.85E-05	-1.09E-04	2.81E-05	-5.02E-05				
88	886.60	-3.80E-01	-2.12E-01	2.07E-01	7.96E-01	2.42E-01	-7.87E-01	5.04E-01	-1.10E+00	48.02	-3.80E-01	7.96E-01	
	46.00	-1.04E-05	-3.52E-06	1.22E-05	6.12E-05	1.86E-05	-6.05E-05	2.36E-05	-3.79E-05				
89	869.80	-1.79E+00	-7.47E-01	-4.57E-01	4.47E-01	8.20E-01	-1.14E-01	-5.82E-01	-1.96E+00	69.73	-7.47E-01	-4.47E-01	
	96.00	-3.60E-05	4.20E-06	1.54E-05	3.44E-05	6.31E-05	-8.78E-06	1.06E-05	-4.24E-05				
90	952.60	-2.82E-01	8.09E-01	7.45E-01	1.16E+00	3.52E-01	-8.52E-01	1.59E+00	-1.00E+00	58.17	1.26E+00	-8.65E-01	
	128.00	[illegible]	1.88E-05	1.40E-05	8.95E-05	2.71E-05	[illegible]	4.66E-05	-5.33E-05				
91	869	[illegible]22E-01	-1.17E-01	1.95E-01	5.16E-01	3.99E-01	[illegible]	2.34E-01	-8.74E-01	55.70	-5.22E-01	5.[illegible]	

	160.[illegible]	[illegible].52E-05	2.64E-07	1.24E-05	3.97E-05	3.07E-05	[illegible]E-06	1.39E-05	-2.87E-05				
92	869.9[illegible]	[illegible].46E+00	-8.80E-01	-7.48E-01	3.46E-01	1.55E+00	[illegible]E-01	-8.15E-01	-2.72E+00	79.33	-8.80E-01	-3.46E[illegible]	
	203.60	-5.50E-05	1.32E-05	1.83E-05	2.66E-05	1.19E-04	-2.55E-05	1.57E-05	-5.75E-05				
93	598.67	2.09E-01	-1.09E-01	2.20E-01	1.56E+00	1.13E+00	-1.61E+00	1.62E+00	-1.52E+00	42.10	-1.09E-01	-1.56E+00	
	16.00	4.42E-06	-7.92E-06	5.21E-06	1.20E-04	8.70E-05	-1.39E-04	5.88E-05	-6.22E-05				
94	645.75	-2.04E-01	-2.19E-01	3.46E-02	1.01E+00	4.35E-01	-8.29E-01	7.95E-01	-1.22E+00	44.80	-2.04E-01	1.01E+00	
	24.00	-3.59E-06	-4.13E-06	5.58E-06	7.77E-05	3.34E-05	-6.38E-05	3.56E-05	-4.27E-05				
95	613.10	-3.01E-01	-5.82E-01	-2.47E-01	1.77E+00	4.94E-01	9.05E-02	1.33E+00	-2.21E+00	42.73	-3.01E-01	1.77E+00	
	69.33	8.45E-07	-4.96E-06	2.91E-06	1.36E-04	3.80E-05	6.56E-06	6.36E-05	-7.27E-05				
96	708.45	-4.19E-01	-1.54E-01	1.00E-01	8.17E-01	4.54E-01	-5.98E-01	5.43E-01	-1.11E+00	49.60	-6.49E-01	-7.43E-01	
	55.00	-1.09E-05	-7.29E-07	9.04E-06	6.28E-05	3.49E-05	-4.60E-05	2.60E-05	-3.76E-05				
97	613.10	-1.20E+00	-4.54E-01	-2.95E-01	5.89E-01	1.65E+00	-3.96E-01	-1.29E-01	-1.52E+00	61.13	-4.54E-01	-5.89E-01	
	96.00	-2.47E-05	3.94E-06	1.00E-05	4.53E-05	1.27E-04	-3.05E-05	1.64E-05	-3.72E-05				
98	682.27	-4.98E-01	-2.60E-01	3.31E-02	1.14E+00	5.03E-01	-5.48E-01	7.76E-01	-1.51E+00	48.24	5.95E-01	-6.17E-01	
	112.00	-1.14E-05	-1.49E-06	9.02E-06	8.75E-05	3.87E-05	-4.22E-05	3.76E-05	-5.05E-05				
99	751.43	-1.72E+00	1.40E-01	-1.78E-01	1.22E+00	1.06E+00	-1.55E+00	7.42E-01	-2.32E+00	63.69	1.40E-01	-1.22E+00	
	96.00	-4.69E-05	2.47E-05	1.25E-05	9.36E-05	8.19E-05	-1.19E-04	4.79E-05	-7.00E-05				
100	683.25	-3.63E-01	-9.00E-02	1.83E-01	4.14E-01	3.93E-01	-5.75E-01	2.09E-01	-6.62E-01	54.14	-3.63E-01	4.14E-01	
	152.00	-1.10E-05	-4.94E-07	1.00E-05	3.18E-05	3.02E-05	-4.43E-05	1.10E-05	-2.25E-05				
101	648.67	-2.15E+00	-9.25E-01	-7.22E-01	2.54E-01	1.16E+00	-2.86E-01	-8.74E-01	-2.19E+00	78.63	-9.25E-01	-2.54E-01	
	192.00	-4.07E-05	6.61E-06	1.38E-05	1.96E-05	8.96E-05	-2.70E-05	7.98E-06	-4.26E-05				
102	725.25	-3.24E-01	2.03E-01	3.47E-01	4.26E-01	3.16E-01	-4.60E-01	4.40E-01	-5.61E-01	60.88	-6.15E-02	-5.01E-01	
	232.70	-1.49E-05	5.33E-06	1.09E-05	3.27E-05	2.43E-05	-3.54E-05	1.44E-05	-2.41E-05				
103	635.50	-3.79E-01	-5.33E-01	-7.07E-02	-1.23E-02	2.48E-01	3.11E-01	-3.78E-01	-5.34E-01	-4.52	-3.79E-01	-1.23E-02	
	256.00	-3.77E-06	-9.70E-06	8.07E-06	-9.43E-07	1.91E-05	2.39E-05	-3.73E-06	-9.74E-06				
104	635.50	-7.35E-01	-5.20E-01	-3.15E-02	-3.89E-02	9.04E-01	-4.16E-02	-5.14E-01	-7.41E-01	-80.02	-5.20E-01	3.89E-02	
	290.67	-1.41E-05	-5.88E-06	1.29E-05	-2.99E-06	6.95E-05	-3.20E-06	-5.61E-06	-1.44E-05				
105	569.00	3.72E-01	-8.82E-02	1.57E-01	1.62E+00	5.56E-01	-1.52E+00	1.78E+00	-1.49E+00	40.95	3.72E-01	1.62E+00	
	16.50	9.46E-06	-8.23E-06	1.19E-06	1.24E-04	4.28E-05	-1.17E-04	6.35E-05	-6.22E-05				
106	508.50	3.88E+00	2.58E+00	2.58E+00	1.27E+00	1.39E+00	-4.28E-01	4.66E+00	1.81E+00	31.42	2.58E+00	-1.27E+00	
	13.00	4.99E-05	-1.75E-07	-2.49E-08	9.76E-05	1.07E-04	-3.29E-05	7.97E-05	-3.00E-05				
107	521.00	1.01E+00	3.90E-01	4.35E-01	1.64E+00	4.65E-01	-8.21E-01	2.37E+00	-9.70E-01	39.68	1.01E+00	1.64E+00	
	15.75	1.86E-05	-5.13E-06	-3.38E-06	1.26E-04	3.58E-05	-6.31E-05	7.09E-05	-5.74E-05				
108	526.25	8.72E-01	3.27E-01	3.99E-01	1.80E+00	3.95E-01	-8.54E-01	2.42E+00	-1.22E+00	40.70	8.72E-01	1.80E+00	
	23.00	1.60E-05	-4.97E-06	-2.22E-06	1.39E-04	3.04E-05	-6.57E-05	7.56E-05	-6.46E-05				
109	515.50	2.47E+00	1.64E+00	1.73E+00	2.27E+00	1.01E+00	-4.33E-01	4.36E+00	-2.46E-01	39.84	1.64E+00	-2.27E+00	
	26.00	3.07E-05	-9.80E-07	2.35E-06	1.74E-04	7.73E-05	-3.33E-05	1.03E-04	-7.37E-05				
110	531.50	3.78E-01	1.74E-01	2.26E-01	1.47E+00	2.80E-01	-7.44E-01	1.75E+00	-1.19E+00	43.01	3.78E-01	1.47E+00	
	34.50	5.99E-06	-1.87E-06	1.51E-07	1.13E-04	2.15E-05	-5.72E-05	5.86E-05	-5.45E-05				
111	515.50	-9.06E-01	-1.68E+00	-1.14E+00	4.37E+00	2.27E-01	4.64E-01	3.05E+00	-5.73E+00	42.76	-9.96E-01	4.37E+00	
	44.00	3.64E-06	-2.27E-05	-1.86E-06	3.36E-04	1.75E-05	3.57E-05	1.59E-04	-1.78E-04				
112	515.50	-1.28E-01	-3.85E-02	5.94E-02	1.00E+00	6.22E-01	-3.54E-01	9.21E-01	-1.09E+00	46.27	-3.85E-02	-1.00E+00	
	53.33	-3.74E-06	-3.07E-07	3.46E-06	7.71E-05	4.78E-05	-2.72E-05	3.66E-05	-4.06E-05				
113	547.50	-5.48E-01	1.68E-01	-3.32E-02	1.54E+00	3.48E-01	-1.84E+00	1.39E+00	-1.77E+00	51.52	6.49E-01	-1.34E+00	
	64.00	-1.65E-05	1.10E-05	3.26E-06	1.19E-04	2.68E-05	-1.42E-04	5.82E-05	-6.37E-05				
114	515.50	-1.24E+00	-1.52E+00	-1.04E+00	1.83E+00	1.21E-01	-2.13E-01	4.60E-01	-3.22E+00	42.78	-1.24E+00	1.83E+00	
	74.67	-5.84E-06	-1.68E-05	1.79E-06	1.41E-04	9.29E-06	-1.64E-05	5.94E-05	-8.21E-05				
115	515.50	-2.33E+00	-1.44E+00	-1.37E+00	6.55E-01	4.64E-01	-3.39E-01	-1.10E+00	-2.68E+00	62.05	-1.44E+00	-6.55E-01	
	88.00	-3.31E-05	1.02E-06	3.78E-06	5.04E-05	3.57E-05	-2.61E-05	1.44E-05	-4.64E-05				
116	547.50	-1.48E+00	-2.26E-01	-5.53E-01	1.96E+00	2.92E-01	-1.25E+00	1.21E+00	-2.91E+00	53.86	6.23E-01	-1.44E+00	
	104.00	-3.21E-05	1.61E-05	3.56E-06	1.51E-04	2.25E-05	-5.61E-05	7.12E-05	-8.72E-05				
117	515.50	-4.52E-01	-5.62E-01	-2.41E-01	1.47E+00	4.31E-02	-4.90E-01	9.60E-01	-1.97E+00	43.93	-4.52E-01	1.47E+00	
	120.00	-3.61E-06	-7.82E-06	4.53E-06	1.13E-04	3.32E-06	-3.77E-05	5.07E-05	-6.22E-05				
118	515.50	-1.46E+00	-8.73E-01	-7.14E-01	5.62E-01	2.91E-01	-2.83E-01	-5.38E-01	-1.82E+00	59.27	-8.73E-01	-5.62E-01	
	136.00	-2.33E-05	1.82E-07	6.28E-06	4.33E-05	2.24E-05	-2.18E-05	1.30E-05	-3.62E-05				
119	547.50	-1.29E+00	-5.15E-01	-5.06E-01	1.30E+00	1.76E-01	-6.56E-01	4.54E-01	-2.26E+00	53.28	5.09E-02	-9.65E-01	
	152.00	-2.43E-05	5.57E-06	5.92E-06	1.00E-04	1.35E-05	-5.04E-05	4.29E-05	-6.15E-05				
120	515.50	-6.22E-01	-6.39E-01	-2.54E-01	9.91E-01	6.14E-02	-1.17E-01	3.66E-01	-1.62E+00	44.75	-6.22E-01	9.91E-01	
	168.00	-7.26E-06	-7.93E-06	6.87E-06	7.62E-05	4.73E-06	-9.03E-06	3.05E-05	-4.57E-05				
121	515.50	-2.02E+00	-1.20E+00	-9.76E-01	4.28E-01	3.89E-01	-2.08E-01	-1.01E+00	-2.20E+00	66.93	-1.20E+00	-4.28E-01	
	184.00	-3.16E-05	3.13E-08	8.51E-06	3.29E-05	3.00E-05	-1.60E-05	7.04E-06	-3.86E-05				
122	547.50	-7.36E-01	3.50E-01	1.37E-01	1.40E+00	1.94E-01	-1.01E+00	1.31E+00	-1.69E+00	55.61	9.44E-01	-9.78E-01	
	200.00	-2.56E-05	1.62E-05	8.01E-06	1.08E-04	1.49E-05	-7.74E-05	5.30E-05	-6.24E-05				
123	515.50	2.32E-01	3.32E-01	5.47E-01	6.84E-01	-2.50E-02	-1.38E-01	9.70E-01	-4.06E-01	47.07	2.32E-01	6.86E-01	

	216.00	-3.27E-06	5.43E-07	8.44E-06	5.26E-05	-1.92E-06	-1.06E-05	2.51E-05	-2.78E-05				
124	515.50	-4.37E-01	-1.13E-01	1.24E-01	1.48E-01	1.69E-01	-1.29E-01	-9.52E-02	-5.01E-01	66.60	-1.59E-01	-1.48E-01	
	232.00	-1.16E-05	-9.29E-07	9.65E-06	1.14E-05	1.30E-05	-1.07E-05	1.53E-06	-1.41E-05				
125	547.50	-6.22E-02	1.57E-01	3.79E-01	3.07E-01	5.59E-02	-8.64E-01	2.74E-01	-2.78E-01	54.84	2.89E-01	-2.19E-01	
	248.00	-7.60E-06	8.42E-07	9.37E-06	2.36E-05	4.30E-06	-6.65E-05	9.16E-06	-1.59E-05				
126	515.50	6.08E-01	8.07E-01	9.01E-01	-1.02E-01	-1.34E-01	-3.00E-01	8.50E-01	5.65E-01	-67.11	6.06E-01	-1.02E-01	
	264.00	-2.08E-06	5.59E-06	9.20E-06	-7.86E-06	-1.03E-05	-2.31E-05	7.25E-06	-3.72E-06				
127	515.50	-2.98E-02	7.07E-02	3.19E-01	1.22E-02	-1.42E-01	-8.65E-02	7.22E-02	-3.12E-02	63.20	7.07E-02	-1.22E-02	
	276.00	-5.10E-06	-1.23E-06	8.31E-06	9.35E-07	-1.09E-05	-6.65E-06	-1.18E-06	-5.15E-06				
128	531.50	4.54E-01	2.61E-01	5.83E-01	1.41E-02	-1.17E-01	-5.65E-02	4.55E-01	2.60E-01	4.15	4.54E-01	1.41E-02	
	297.00	3.20E-06	-4.23E-06	8.16E-06	1.09E-06	-8.96E-06	-4.34E-06	3.24E-06	-4.27E-06				
129	515.50	1.30E+00	8.37E-01	1.14E+00	-3.01E-01	-1.18E-01	-1.18E-01	1.45E+00	6.88E-01	-26.32	1.30E+00	-3.01E-01	
	320.00	1.39E-05	-3.78E-06	7.64E-06	-2.32E-05	-9.07E-06	-9.10E-06	1.96E-05	-9.51E-06				
130	565.50	1.26E-01	-2.59E-01	-9.15E-02	2.45E+00	7.27E-01	-1.85E+00	2.39E+00	-2.52E+00	42.75	1.26E-01	2.45E+00	
	-8.00	7.31E-06	-7.50E-06	-1.05E-06	1.88E-04	5.59E-05	-1.42E-04	9.44E-05	-9.46E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3483E+02	-.2161E+03	-.4300E+02	.2163E+02	.4062E+02	-.2980E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3257E+01	.1296E+01	.4360E+00	.2349E+02	-.1138E+02	-.1786E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2504E+01	-.3845E+00	.1573E+00	.3948E+02	-.2450E+02	-.3334E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.3605E+01	.8429E+00	-.2407E-01	.5571E+02	-.3924E+02	-.4894E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.4012E+01	-.5811E+00	.3103E-02	.7182E+02	-.5372E+02	-.6620E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.5029E+00	-.4264E+00	.2051E+00	.9552E+02	-.6999E+02	-.8759E+02
25	.9695E+01	.1568E+01	.1288E-01	.1181E+03	-.7612E+02	-.1089E+03
26	-.1955E+00	.2804E+00	-.8506E-01	.1285E+03	-.8082E+02	-.1244E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5550E+02	-.1039E+02	.1646E+01	.1325E+03	-.1141E+03	-.1372E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.8095E+03	.1452E+03	-.8710E+01	.1863E+03	-.3148E+03	-.2193E+03
[illegible]	.6058E+03	.9936E+02	-.1721E+01	.1766E+03	-.3102E+03	-.2005E+03
[illegible]	.4419E+03	.6210E+02	.5729E+01	.153[illegible]	-.2810E+03	-.1731E+03
[illegible]	.1157E+03	.1100E+02	.6900E+01	.[illegible]	-.1982E+03	-.1507E+03

	.0000E+00	.0000E+00	.0000E+00	.0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1255E+04	-.1695E+03	-.6896E+01	.3503E+02	-.3367E+03	.1249E+03
48	-.1094E+04	-.1463E+03	-.7800E+01	.5436E+02	-.3127E+03	.8831E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1629E+04	-.2472E+03	-.7903E+01	-.5530E+02	-.2348E+03	.3491E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.5094E+01	.4193E+01	-.4252E+00	.2059E+02	-.3304E+03	.1186E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1114E+04	-.1687E+03	-.7803E+01	-.2997E+02	-.1865E+03	.3258E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.7788E+03	-.1182E+03	-.1038E+02	-.2996E+02	-.1710E+03	.3161E+03
66	-.2553E+03	-.3936E+02	-.1299E+02	-.3544E+02	-.1313E+03	.3297E+03
67	.5456E+03	.8111E+02	-.1297E+02	-.3442E+02	-.8924E+02	.3286E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.9697E+03	.1450E+03	-.1074E+02	.1059E+02	-.4891E+02	.3379E+03
76	-.1072E+03	-.1611E+02	-.7270E+01	.2342E+02	-.1358E+00	.3447E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4073E+03	.6159E+02	-.5282E+01	.3286E+02	.5613E+02	.3317E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1737E+03	-.2527E+02	-.3686E+01	.5566E+02	.8885E+02	.3260E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2380E+03	.3695E+02	-.3295E+01	.3934E+02	.1359E+03	.2996E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1603E+03	-.2525E+02	-.2747E+01	.3200E+02	.1624E+03	.2724E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1831E+03	.2038E+02	-.2771E+01	.3436E+02	.2022E+03	.2459E+03
109	-.1103E+03	-.1440E+02	-.2340E+01	.3594E+02	.2263E+03	.2120E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1530E+03	.2540E+02	-.2225E+01	.1755E+02	.2561E+03	.1786E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.6916E+02	.1205E+02	-.2304E+00	.6247E+01	.2669E+03	.1431E+03
115	.3564E+02	.8036E+01	.5134E+00	-.4228E+01	.2676E+03	.1062E+03
116	.7440E+02	.1413E+02	.1449E+01	-.9417E+01	.2756E+03	.8534E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.8220E+02	.1543E+02	.2271E+01	-.9084E+00	.2805E+03	.7111E+02
119	.6508E+02	.1273E+02	.3269E+01	-.2024E+02	.2835E+03	.4589E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1469E+03	.1810E+02	.8805E+01	-.1412E+02	.2126E+03	.2772E+02
122	.1220E+03	.7140E+01	.1369E+02	.7018E+01	.2040E+03	.2334E+02
123	.9210E+02	.4369E+01	.1209E+02	.4788E+01	.1775E+03	.2082E+02
124	.6610E+02	.3022E+01	.8343E+01	.3257E+01	.1456E+03	.1878E+02
125	.4219E+02	.1116E+01	.6117E+01	.1991E+01	.1158E+03	.1685E+02
126	.1085E+02	-.3672E+01	.5678E+01	.3657E+00	.9978E+02	.1478E+02
127	-.1193E+02	-.7432E+01	.5754E+01	-.7193E+00	.8427E+02	.1219E+02
128	-.3471E+02	-.1038E+02	.5363E+01	-.3291E+01	.5297E+02	.9301E+01
129	-.3432E+02	-.8853E+01	.4354E+01	-.4417E+01	.2825E+02	.6854E+01
130	-.2339E+02	-.5332E+01	.3021E+01	-.4566E+01	.1059E+02	.5282E+01
131	-.5963E+01	-.9311E+00	.1885E+01	-.3903E+01	.1832E+01	.4441E+01
132	.7139E+00	.4420E+00	.1361E+01	-.2566E+01	.3155E+01	.3943E+01
133	.1226E+01	.3676E+00	.1274E+01	-.1761E+01	.4640E+01	.3383E+01
134	.3306E+00	.9868E-01	.1291E+01	-.1343E+01	.4129E+01	.2678E+01
135	-.1217E-01	-.6102E-03	.1454E+01	-.1023E+01	.2910E+01	.1971E+01
136	-.6652E-02	.5315E-02	.1938E+01	-.7120E+00	.1868E+01	.1311E+01
137	-.4882E-01	-.1684E-01	.3092E+01	-.4711E+00	.8335E+00	.7140E+00
138	.3020E-01	.7825E-01	.5601E+02	-.2793E+00	-.2105E+00	.3489E+00
139	.5592E-01	.9062E-01	-.3066E+02	-.4799E-01	.1116E+00	-.1065E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.26283E-01	-.13758E-03	.26308E-01	.00000E+00
3	-.47831E-01	-.49089E-03	.47835E-01	.00000E+00
4	-.51836E-01	-.49388E-03	.51741E-01	.00000E+00
5	-.55916E-01	-.51999E-05	.55937E-01	.00000E+00
6	-.63055E-01	.47141E-05	.63047E-01	-.12698E-04
7	-.57985E-01	-.10448E-02	.58717E-01	.00000E+00
8	-.63228E-01	-.73525E-03	.63424E-01	-.24585E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.26054E-01	-.30311E-03	.26276E-01	.00000E+00
11	-.48099E-01	-.65692E-03	.48734E-01	.00000E+00
12	-.53560E-01	-.76376E-03	.54336E-01	.00000E+00
13	-.57267E-01	-.60087E-03	.58337E-01	.00000E+00
14	-.63593E-01	-.82252E-03	.64423E-01	-.66646E-05
15	-.58713E-01	-.15778E-02	.61145E-01	.00000E+00
16	-.64141E-01	-.13404E-02	.66065E-01	.21940E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.26286E-01	-.46935E-03	.27257E-01	.00000E+00
19	-.48971E-01	-.91554E-03	.51014E-01	.00000E+00
20	-.54702E-01	-.11364E-02	.57137E-01	.00000E+00
21	-.59324E-01	-.78327E-03	.61523E-01	.00000E+00
22	-.64892E-01	-.93318E-03	.68361E-01	-.33575E-05
23	-.60865E-01	-.23379E-02	.66300E-01	.00000E+00
24	-.65830E-01	-.20367E-02	.71377E-01	-.22211E-04
25	-.66488E-01	-.26240E-02	.73329E-01	[illegible]585E-06
26	-.66371E-01	-.25331E-02	.74487E-01	[illegible]330E-05

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.26272E-01	-.90580E-03	.27976E-01	.00000E+00
29	-.45096E-01	-.17572E-02	.53138E-01	.00000E+00
30	-.55891E-01	-.20193E-02	.60347E-01	.00000E+00
31	-.61342E-01	-.24536E-02	.67144E-01	.00000E+00
32	-.67277E-01	-.29970E-02	.75772E-01	-.61145E-04
33	-.61166E-01	-.35690E-02	.67101E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.26061E-01	-.13088E-02	.27952E-01	.00000E+00
36	-.50334E-01	-.21721E-02	.53438E-01	.00000E+00
37	-.56486E-01	-.24247E-02	.60034E-01	.00000E+00
38	-.62055E-01	-.30749E-02	.69515E-01	.00000E+00
39	-.68039E-01	-.40322E-02	.77977E-01	.36286E-04
40	-.67913E-01	-.42589E-02	.77465E-01	-.18409E-05
41	-.67792E-01	-.40372E-02	.76990E-01	-.27546E-04
42	-.67543E-01	-.36144E-02	.76449E-01	-.51459E-04
43	-.55803E-01	-.31287E-02	.58304E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.24202E-01	.19531E-04	.25173E-01	.00000E+00
46	-.50053E-01	-.19569E-02	.50788E-01	.00000E+00
47	-.68100E-01	-.37903E-02	.78167E-01	.34153E-04
48	-.68092E-01	-.39390E-02	.78147E-01	.51557E-04
49	-.62976E-01	-.31775E-02	.68903E-01	.00000E+00
50	-.68718E-01	-.39413E-02	.78429E-01	.15300E-03
51	-.63406E-01	-.34345E-02	.67022E-01	.00000E+00
52	-.71069E-01	-.35171E-02	.73457E-01	.00000E+00
53	-.68145E-01	-.35969E-02	.78244E-01	.83838E-05
54	-.55523E-01	-.20221E-02	.54024E-01	.00000E+00
55	-.62329E-01	-.29002E-02	.59533E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.20704E-01	-.27998E-02	.18004E-01	.00000E+00
58	-.44457E-01	-.14467E-02	.34335E-01	.00000E+00
59	-.72360E-01	-.26757E-02	.69056E-01	.00000E+00
60	-.71222E-01	-.33337E-02	.71208E-01	.00000E+00
61	-.69310E-01	-.39494E-02	.78614E-01	.23626E-03
62	-.52312E-01	-.10295E-02	.41489E-01	.00000E+00
63	-.60366E-01	-.96993E-03	.50666E-01	.00000E+00
64	-.72527E-01	-.34693E-02	.74460E-01	.00000E+00
65	-.70110E-01	-.39576E-02	.78787E-01	.29382E-03
66	-.72094E-01	-.39700E-02	.79133E-01	.35717E-03
67	-.74236E-01	-.39770E-02	.79511E-01	.34068E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.16212E-01	.24542E-03	.10439E-01	.00000E+00
70	-.46815E-01	-.29324E-03	.33686E-01	.00000E+00
71	-.70236E-01	-.84907E-03	.57936E-01	.00000E+00
72	-.74481E-01	-.32568E-02	.74532E-01	.00000E+00
73	-.57611E-01	-.42403E-03	.37872E-01	.00000E+00
74	-.79029E-01	-.33106E-02	.77856E-01	.00000E+00
75	-.76060E-01	-.39936E-02	.79842E-01	.25959E-03
76	-.78517E-01	-.40642E-02	.80504E-01	.18209E-03
77	-.66479E-01	.46421E-04	.46980E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.19296E-01	-.68775E-03	.13375E-01	.00000E+00
80	-.44501E-01	.44303E-03	.28817E-01	.00000E+00
81	-.49190E-01	.55585E-03	.31167E-01	.00000E+00
82	-.55259E-01	.83978E-03	.38409E-01	.00000E+00
83	-.78351E-01	-.60234E-03	.64164E-01	.00000E+00
84	-.73271E-01	.44326E-03	.52428E-01	.00000E+00
85	-.81304E-01	-.40969E-02	.81307E-01	.14576E-03
86	-.81921E-01	-.34330E-02	.80270E-01	.00000E+00
87	-.66684E-01	.51187E-03	.43523E-01	.00000E+00
88	-.81890E-01	-.25313E-02	.72974E-01	.00000E+00
89	-.83325E-01	-.42043E-02	.82117E-01	.11731E-03
90	-.50396E-01	.40594E-03	.19073E-01	.00000E+00

91	-.54217E-01	.79555E-03	.21925E-01	.00000E+00
92	-.58201E-01	.77749E-05	.23593E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.21556E-01	.00000E+00	.75470E-02	.00000E+00
95	-.39761E-01	.00000E+00	.13434E-01	.00000E+00
96	-.45651E-01	.00000E+00	.15717E-01	.00000E+00
97	-.47604E-01	.00000E+00	.14973E-01	.00000E+00
98	-.46664E-01	.00000E+00	.14324E-01	.00000E+00
99	-.51314E-01	-.96402E-04	.16354E-01	.00000E+00
100	-.64362E-01	-.43376E-04	.30374E-01	.00000E+00
101	-.78257E-01	-.95794E-03	.52287E-01	.00000E+00
102	-.84194E-01	-.43170E-02	.83252E-01	.10530E-03
103	-.82101E-01	-.12137E-02	.65618E-01	.00000E+00
104	-.87392E-01	-.39453E-02	.83096E-01	.00000E+00
105	-.88260E-01	-.43367E-02	.84241E-01	.90302E-04
106	-.85992E-01	-.14597E-02	.72673E-01	.00000E+00
107	-.90738E-01	-.41260E-02	.84232E-01	.00000E+00
108	-.90019E-01	-.44531E-02	.85142E-01	.86169E-04
109	-.93329E-01	-.45024E-02	.85895E-01	.73191E-04
110	-.91049E-01	-.41432E-02	.76782E-01	.00000E+00
111	-.94466E-01	-.48761E-02	.86459E-01	.00000E+00
112	-.94176E-01	-.45550E-02	.86506E-01	.65448E-04
113	-.93697E-01	-.36170E-02	.80606E-01	.00000E+00
114	-.95204E-01	-.45051E-02	.86959E-01	.24098E-04
115	-.95517E-01	-.44972E-02	.87266E-01	.53672E-05
116	-.95493E-01	-.43385E-02	.87385E-01	-.99215E-05
117	-.96013E-01	-.51154E-02	.88376E-01	.00000E+00
118	-.95301E-01	-.43790E-02	.87425E-01	-.21720E-04
119	-.94711E-01	-.43321E-02	.87428E-01	-.36709E-04
120	-.95892E-01	-.45999E-02	.88321E-01	.00000E+00
121	-.93570E-01	-.42205E-02	.87312E-01	-.61953E-04
122	-.93444E-01	-.37054E-02	.87420E-01	-.74185E-04
123	-.93255E-01	-.32263E-02	.87499E-01	-.83839E-04
124	-.93040E-01	-.26847E-02	.87579E-01	-.94911E-04
125	-.92753E-01	-.20690E-02	.87659E-01	-.10802E-03
126	-.92194E-01	-.89355E-03	.87791E-01	-.12309E-03
127	-.91598E-01	.36205E-03	.87917E-01	-.12488E-03
128	-.90457E-01	.29119E-02	.88175E-01	-.10166E-03
129	-.89677E-01	.47761E-02	.88410E-01	-.66762E-04
130	-.89226E-01	.59598E-02	.88666E-01	-.26133E-04
131	-.89244E-01	.59944E-02	.89056E-01	.17290E-04
132	-.89606E-01	.48593E-02	.89400E-01	.28412E-04
133	-.89925E-01	.37051E-02	.89702E-01	.22769E-04
134	-.90119E-01	.28458E-02	.89947E-01	.17172E-04
135	-.90246E-01	.21504E-02	.90146E-01	.15122E-04
136	-.90337E-01	.14814E-02	.90290E-01	.15353E-04
137	-.90390E-01	.92687E-03	.90377E-01	.15154E-04
138	-.90426E-01	.12641E-03	.90427E-01	.16135E-04
139	-.90427E-01	.15574E-04	.90427E-01	.15632E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5300E+01

FIM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
	72.00	-1.89E-02	-9.10E-02	-1.75E-02	-3.20E+00	-1.06E-02	3.23E+00	3.15E+00	-3.26E+00	-44.68	-1.89E-02	-3.20E+00
	-303.00	7.96E-07	-2.49E-06	8.58E-07	-2.91E-04	-9.67E-07	2.94E-04	1.45E-04	-1.47E-04			
	72.00	-4.09E-02	-1.24E-01	2.98E-02	-2.68E+00	-1.13E-03	2.75E+00	2.59E+00	-2.76E+00	-44.55	-4.09E-02	-2.68E+00
	-213.00	-9.04E-08	-3.90E-06	3.12E-06	-2.43E-04	-1.03E-07	2.50E-04	1.20E-04	-1.24E-04			
3	72.00	[illegible]10E-01	-1.46E-01	9.66E-02	-1.77E+00	1.66E-01	1.[illegible]3E+00	1.50E+00	-2.05E+00	-47.13	-4.10E-01	-1.77E+00
	-138.00	[illegible]90E-06	-9.15E-07	4.60E-06	-8.05E-05	7.53E-06	[illegible]-05	3.65E-05	-4.43E-05			
4	24	[illegible]61E+00	-1.15E+00	-1.43E+00	-3.29E+00	5.53E-01	[illegible]+00	1.71E+00	-4.93E+00	-49.03	-2.08E+00	-3.[illegible]

	-68.00	7.87E-05	7.11E-06	-3.94E-06	-2.53E-04	4.25E-05	[illegible]	[illegible]E-04	1.17E-04	-1.39E-04				
5	72.00	7.11E-01	3.55E-01	9.16E-01	-1.46E+00	-6.60E-02	[illegible]	[illegible]E+00	2.00E+00	-9.37E-01	-41.52	3.55E-01	1.46[illegible]	
	-88.00	6.67E-06	-7.03E-06	1.07E-05	-1.12E-04	-5.08E-06	1.20E-04	[illegible]E-05	5.64E-05	-5.67E-05				
6	120.00	3.92E-01	4.05E-01	5.53E-01	-2.78E+00	-1.52E-01	2.77E+00	3.18E+00	-2.39E+00	-45.07	-2.34E+00	5.08E-01		
	-68.00	2.51E-07	7.45E-07	6.42E-06	-2.14E-04	-1.17E-05	2.13E-04	1.08E-04	-1.07E-04					
7	36.25	-7.61E-01	-2.93E-01	-1.86E-01	-1.55E+00	2.02E-01	1.49E+00	1.04E+00	-2.10E+00	-49.28	-7.07E-01	-1.56E+00		
	-19.00	-1.56E-05	2.34E-06	6.49E-06	-1.19E-04	1.55E-05	1.14E-04	5.38E-05	-6.71E-05					
8	108.00	8.04E-02	1.49E-01	2.71E-01	-1.18E+00	-8.06E-03	1.31E+00	1.30E+00	-1.07E+00	-45.83	8.04E-02	-1.18E+00		
	-19.00	-2.41E-06	2.32E-07	4.92E-06	-5.08E-05	-6.20E-07	1.01E-04	4.43E-05	-4.65E-05					
9	216.00	-1.82E-01	-2.60E-01	-1.34E-01	-3.20E+00	2.23E-02	3.28E+00	2.98E+00	-3.43E+00	-44.65	-1.82E-01	-3.20E+00		
	-303.00	-8.05E-07	-4.32E-06	1.36E-06	-2.91E-04	2.03E-06	2.98E-04	1.43E-04	-1.48E-04					
10	216.00	-2.52E-01	-2.64E-01	-6.79E-02	-2.75E+00	7.51E-02	2.85E+00	2.49E+00	-3.01E+00	-44.94	-2.52E-01	-2.75E+00		
	-213.00	-3.87E-06	-4.42E-06	4.49E-06	-2.50E-04	6.83E-06	2.59E-04	1.21E-04	-1.29E-04					
11	216.00	-4.05E-01	-2.16E-01	2.04E-01	-2.10E+00	2.38E-01	2.24E+00	1.79E+00	-2.42E+00	-46.28	-4.05E-01	-2.10E+00		
	-138.00	-7.01E-06	-2.73E-06	6.82E-06	-9.56E-05	1.08E-05	1.02E-04	4.30E-05	-5.27E-05					
12	168.00	-9.92E-01	-9.35E-01	-6.04E-01	-3.20E+00	4.47E-01	3.27E+00	2.24E+00	-4.16E+00	-45.26	-9.92E-01	-3.20E+00		
	-68.00	-1.04E-05	-8.14E-06	4.59E-06	-2.46E-04	3.44E-05	2.51E-04	1.14E-04	-1.32E-04					
13	216.00	9.54E-01	3.53E-01	9.33E-01	-1.33E+00	-2.73E-03	1.37E+00	2.02E+00	-7.11E-01	-38.64	3.53E-01	1.33E+00		
	-88.00	1.21E-05	-1.10E-05	1.13E-05	-1.02E-04	-2.10E-07	1.05E-04	5.30E-05	-5.20E-05					
14	264.00	3.76E-02	3.69E-01	4.98E-01	-2.73E+00	-5.16E-02	2.83E+00	2.94E+00	-2.53E+00	-46.74	-2.45E+00	6.55E-01		
	-68.00	-8.50E-06	4.25E-06	9.22E-06	-2.10E-04	-3.97E-06	2.17E-04	1.03E-04	-1.07E-04					
15	180.00	-2.92E-01	-5.50E-02	1.42E-01	-1.37E+00	3.01E-01	1.31E+00	1.21E+00	-1.55E+00	-47.47	-2.92E-01	-1.37E+00		
	-19.00	-8.98E-06	1.36E-07	7.72E-06	-1.06E-04	2.32E-05	1.01E-04	4.86E-05	-5.75E-05					
16	252.00	-1.82E-01	8.38E-02	3.23E-01	-1.12E+00	1.12E-01	1.38E+00	1.08E+00	-1.18E+00	-48.37	-1.82E-01	-1.12E+00		
	-19.00	-9.47E-06	7.55E-07	9.94E-06	-8.65E-05	8.63E-06	1.06E-04	3.92E-05	-4.79E-05					
17	361.00	-2.51E-01	-4.21E-01	-2.12E-01	-3.23E+00	6.70E-03	3.39E+00	2.89E+00	-3.57E+00	-44.25	-2.51E-01	-3.23E+00		
	-303.00	4.71E-08	-7.64E-06	1.85E-06	-2.93E-04	6.09E-07	3.08E-04	1.43E-04	-1.51E-04					
18	361.00	-3.06E-01	-3.89E-01	-1.10E-01	-2.88E+00	4.72E-02	3.02E+00	2.56E+00	-3.23E+00	-44.59	-3.06E-01	-2.88E+00		
	-213.00	-3.46E-06	-7.21E-06	5.44E-06	-2.62E-04	4.29E-06	2.75E-04	1.26E-04	-1.36E-04					
19	361.00	-4.46E-01	-2.97E-01	2.55E-01	-2.26E+00	2.18E-01	2.53E+00	1.89E+00	-2.64E+00	-45.95	-4.46E-01	-2.26E+00		
	-138.00	-7.58E-06	-4.19E-06	8.36E-06	-1.03E-04	9.91E-06	1.15E-04	4.56E-05	-5.73E-05					
20	312.00	-1.74E+00	-1.43E+00	-9.85E-01	-3.63E+00	7.61E-01	3.93E+00	2.04E+00	-5.22E+00	-46.25	-1.74E+00	-3.63E+00		
	-68.00	-2.14E-05	-9.26E-06	7.80E-06	-2.79E-04	5.85E-05	3.03E-04	1.24E-04	-1.55E-04					
21	360.67	1.57E+00	8.73E-01	1.43E+00	-1.74E+00	-1.19E-01	2.01E+00	3.00E+00	-5.57E-01	-39.37	8.73E-01	1.74E+00		
	-88.00	1.78E-05	-8.89E-06	1.24E-05	-1.34E-04	-9.15E-06	1.55E-04	7.28E-05	-6.39E-05					
22	409.33	-9.75E-01	-1.33E+00	-5.24E-01	-3.45E+00	6.70E-03	4.30E+00	2.31E+00	-4.61E+00	-43.54	-4.57E+00	5.41E-01		
	-68.00	-6.44E-06	-2.00E-05	1.09E-05	-2.66E-04	5.15E-07	3.31E-04	1.20E-04	-1.46E-04					
23	324.00	-6.07E-01	-1.25E-01	1.75E-01	-1.43E+00	5.37E-01	1.40E+00	1.08E+00	-1.81E+00	-49.78	-6.07E-01	-1.43E+00		
	-19.00	-1.72E-05	1.30E-06	1.28E-05	-1.10E-04	4.13E-05	1.07E-04	4.78E-05	-6.37E-05					
24	372.00	-3.39E-01	3.00E-01	5.16E-01	-3.68E+00	5.15E-01	3.93E+00	3.67E+00	-3.71E+00	-47.68	-3.39E-01	-3.68E+00		
	-9.33	-1.93E-05	6.30E-06	1.46E-05	-2.83E-04	3.96E-05	3.03E-04	1.36E-04	-1.48E-04					
25	401.25	-1.91E-01	2.89E-02	5.18E-01	-1.21E+00	1.67E-01	1.64E+00	1.14E+00	-1.30E+00	-47.59	9.59E-01	-6.38E-01		
	-19.00	-1.13E-05	-2.79E-06	1.60E-05	-9.35E-05	1.28E-05	1.26E-04	3.99E-05	-5.39E-05					
26	427.67	-1.82E+00	-1.69E+00	-9.10E-01	-4.16E+00	7.02E-01	5.59E+00	2.40E+00	-5.91E+00	-45.44	-4.26E+00	-3.31E+00		
	-9.33	-2.14E-05	-1.65E-05	1.36E-05	-3.20E-04	5.40E-05	4.30E-04	1.41E-04	-1.79E-04					
27	457.00	-3.04E-01	-6.25E-01	-3.11E-01	-3.25E+00	-2.46E-02	3.43E+00	2.79E+00	-3.71E+00	-43.58	-3.04E-01	-3.25E+00		
	-303.00	2.29E-06	-1.23E-05	1.97E-06	-2.95E-04	-2.23E-06	3.12E-04	1.43E-04	-1.53E-04					
28	457.00	-2.72E-01	-4.51E-01	-1.23E-01	-3.03E+00	-2.06E-02	3.14E+00	2.67E+00	-3.39E+00	-44.15	-2.72E-01	-3.03E+00		
	-213.00	-1.39E-06	-9.52E-06	5.41E-06	-2.76E-04	-1.87E-06	2.85E-04	1.32E-04	-1.43E-04					
29	457.00	-6.69E-01	-4.19E-01	1.21E-01	-2.40E+00	-1.63E-01	2.62E+00	1.86E+00	-2.95E+00	-46.49	-6.69E-01	-2.40E+00		
	-138.00	-1.01E-05	-4.45E-06	7.82E-06	-1.09E-04	-7.42E-06	1.19E-04	4.73E-05	-6.19E-05					
30	442.00	-9.67E-01	-2.19E+00	-8.95E-01	-4.10E+00	-1.54E-01	4.47E+00	2.57E+00	-5.73E+00	-40.77	-9.67E-01	-4.10E+00		
	-68.00	7.33E-06	-3.97E-05	1.01E-05	-3.16E-04	-1.19E-05	3.44E-04	1.43E-04	-1.76E-04					
31	457.33	4.83E+00	2.11E+00	3.06E+00	-1.43E+00	-2.27E+00	2.40E+00	5.44E+00	1.49E+00	-23.23	2.11E+00	1.43E+00		
	-88.00	7.59E-05	-2.87E-05	7.76E-06	-1.10E-04	-1.75E-04	1.85E-04	9.96E-05	-5.24E-05					
32	472.67	-8.07E+00	-7.02E+00	-5.76E+00	-3.53E+00	1.33E+00	5.71E+00	-3.98E+00	-1.11E+01	-49.26	-1.02E+01	-2.35E+00		
	-68.00	-8.14E-05	-4.07E-05	7.51E-06	-2.71E-04	1.02E-04	4.39E-04	7.61E-05	-1.98E-04					
33	443.00	-7.55E-01	-6.44E-01	3.83E-02	-2.11E+00	2.27E-01	2.19E+00	1.41E+00	-2.81E+00	-45.76	-7.55E-01	-2.11E+00		
	-19.50	-1.41E-05	-9.80E-06	1.64E-05	-1.62E-04	1.75E-05	1.68E-04	6.91E-05	-9.30E-05					
34	454.00	-6.48E+00	-4.97E+00	-4.10E+00	-5.30E+00	1.58E+00	7.11E+00	-3.70E-01	-1.11E+01	-49.03	-8.58E+00	-4.53E+00		
	-11.33	-7.81E-05	-2.04E-05	1.31E-05	-4.08E-04	1.22E-04	5.47E-04	1.57E-04	-2.55E-04					
35	461.67	-1.88E+00	-2.44E+00	-1.26E+00	-5.02E+00	3.95E-01	7.36E+00	2.86E+00	-7.19E+00	-43.40	-1.88E+00	-5.02E+00		
	-12.00	-1.10E-05	-3.25E-05	1.29E-05	-3.86E-04	3.04E-05	5.66E-04	1.72E-04	-2.15E-04					
36	469.00	3.89E+00	1.40E+00	2.62E+00	-5.00E-01	-2.03E+00	2.96E+00	3.98E+00	1.30E+00	-10.94	1.40E+00	5.00E-01		

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	-30.00	6.26E-05	-3.32E-05	1.40E-05	-3.95E-05	-1.52E-04	2.27E-04	6.63E-05	-3.65E-05				
37	476.33	-3.29E+00	-4.55E+00	-2.63E+00	-3.43E+00	4.26E-01	6.07E+00	-4.30E-01	-7.41E+00	-39.62	-4.68E+00	-3.40E+00	
	-12.00	-1.15E-05	-5.93E-05	1.38E-05	-2.64E-04	3.28E-05	4.67E-04	6.85E-05	-1.70E-04				
38	558.50	1.32E-01	-1.56E-01	2.98E-02	-3.03E+00	-1.11E-01	3.25E+00	3.02E+00	-3.04E+00	-43.64	1.32E-01	-3.03E+00	
	-303.00	5.92E-06	-7.16E-06	1.29E-06	-2.75E-04	-1.01E-05	2.96E-04	1.37E-04	-1.36E-04				
39	558.50	-1.11E-01	-6.08E-01	-1.95E-01	-3.01E+00	-2.25E-01	3.15E+00	2.66E+00	-3.38E+00	-42.64	-1.11E-01	-3.01E+00	
	-213.00	6.81E-06	-1.58E-05	3.02E-06	-2.74E-04	-2.05E-05	2.87E-04	1.33E-04	-1.42E-04				
40	506.17	7.12E-02	-1.38E+00	-3.72E-02	-6.71E+00	-6.22E-01	6.66E+00	6.10E+00	-7.41E+00	-41.91	7.12E-02	-6.71E+00	
	-128.00	8.69E-06	-2.44E-05	6.23E-06	-3.05E-04	-2.83E-05	3.03E-04	1.46E-04	-1.61E-04				
41	558.50	2.17E+00	-8.85E-01	4.61E-01	-2.94E+00	-1.84E+00	4.21E+00	2.96E+00	-2.67E+00	-31.25	-8.86E-01	2.94E+00	
	-148.00	4.02E-05	-2.93E-05	1.31E-06	-1.34E-04	-8.36E-05	1.91E-04	8.07E-05	-6.98E-05				
42	610.83	-4.02E-01	-1.51E+00	-5.06E-01	-5.81E+00	-1.23E+00	5.20E+00	4.88E+00	-6.79E+00	-42.27	-6.71E+00	9.88E-01	
	-128.00	3.57E-06	-2.17E-05	1.20E-06	-2.64E-04	-5.57E-05	2.36E-04	1.24E-04	-1.42E-04				
43	501.38	5.88E-01	2.64E-02	5.84E-01	-1.53E+00	-6.55E-01	1.93E+00	1.86E+00	-1.25E+00	-39.81	5.88E-01	-1.53E+00	
	-78.00	9.45E-06	-1.22E-05	9.29E-06	-1.18E-04	-5.04E-05	1.49E-04	5.86E-05	-6.13E-05				
44	534.67	-1.01E+00	-1.16E+00	-6.97E-01	-4.88E+00	-4.03E-01	6.15E+00	3.80E+00	-5.97E+00	-44.57	-5.91E+00	7.76E-01	
	-68.00	-7.41E-06	-1.30E-05	4.68E-06	-3.76E-04	-3.10E-05	4.73E-04	1.78E-04	-1.98E-04				
45	584.67	8.56E-01	2.82E-01	6.11E-01	-4.61E+00	-1.30E+00	4.11E+00	5.19E+00	-4.05E+00	-43.22	8.56E-01	-4.61E+00	
	-68.00	1.37E-05	-8.39E-06	4.28E-06	-3.55E-04	-9.97E-05	3.16E-04	1.80E-04	-1.75E-04				
46	610.83	4.71E+00	1.03E+00	2.21E+00	-2.50E+00	-2.30E+00	3.36E+00	5.97E+00	-2.32E-01	-26.81	1.03E+00	2.50E+00	
	-88.00	9.38E-05	-4.77E-05	-2.45E-06	-1.92E-04	-1.77E-04	2.58E-04	1.42E-04	-9.63E-05				
47	482.63	1.57E-01	-3.03E-01	5.56E-01	-1.11E+00	-6.20E-01	2.21E+00	1.06E+00	-1.21E+00	-39.16	1.57E-01	-1.11E+00	
	-21.00	1.53E-06	-1.62E-05	1.69E-05	-8.55E-05	-4.77E-05	1.70E-04	3.64E-05	-5.10E-05				
48	485.83	-1.66E+00	-2.49E+00	-1.21E+00	-3.22E+00	-8.75E-02	6.77E+00	1.17E+00	-5.32E+00	-41.35	-2.08E+00	-3.24E+00	
	-12.00	-5.07E-06	-3.68E-05	1.24E-05	-2.47E-04	-6.73E-06	5.21E-04	1.04E-04	-1.46E-04				
49	507.88	6.67E-03	3.42E-02	5.50E-01	-1.21E+00	-3.96E-01	2.44E+00	1.23E+00	-1.19E+00	-45.33	6.67E-03	-1.21E+00	
	-21.00	-6.24E-06	-5.18E-06	1.47E-05	-9.32E-05	-3.04E-05	1.88E-04	4.09E-05	-5.23E-05				
50	538.67	-9.73E-01	-6.32E-01	-3.98E-01	-4.33E+00	-1.66E+00	5.30E+00	3.53E+00	-5.13E+00	-46.13	-5.09E+00	5.89E-01	
	-10.00	-1.54E-05	-2.29E-06	6.71E-06	-3.33E-04	-1.28E-04	4.08E-04	1.58E-04	-1.75E-04				
51	484.67	1.41E+01	9.71E+00	1.03E+01	2.87E-01	-1.10E+00	7.13E-01	1.41E+01	9.69E+00	3.76	9.71E+00	-2.87E-01	
	0.00	1.67E-04	-3.79E-07	2.08E-05	2.21E-05	-8.44E-05	5.49E-05	1.67E-04	-1.10E-06				
52	507.00	-3.53E+00	-4.24E+00	-2.53E+00	-2.35E+00	-7.67E-01	-2.19E+00	-1.51E+00	-6.26E+00	-40.69	-5.76E+00	-1.47E+00	
	0.00	-2.26E-05	-5.00E-05	1.59E-05	-1.81E-04	-5.90E-05	-1.69E-04	5.51E-05	-1.28E-04				
53	603.00	-1.08E-01	-2.18E-02	-8.97E-02	-1.81E+00	-8.79E-01	1.71E+00	1.74E+00	-1.87E+00	-45.68	1.03E+00	-1.44E+00	
	-18.00	-1.74E-06	1.57E-06	-1.04E-06	-1.39E-04	-6.76E-05	1.31E-04	6.95E-05	-6.96E-05				
54	712.00	1.86E-01	-3.50E-01	-8.44E-02	-2.83E+00	-2.56E-01	2.65E+00	2.76E+00	-2.92E+00	-42.30	1.86E-01	-2.83E+00	
	-303.00	1.17E-05	-1.27E-05	-6.07E-07	-2.57E-04	-2.33E-05	2.41E-04	1.29E-04	-1.30E-04				
55	712.00	1.55E+00	7.50E-01	8.02E-01	-3.10E+00	-8.23E-01	2.59E+00	4.28E+00	-1.97E+00	-41.30	1.55E+00	-3.10E+00	
	-213.00	3.03E-05	-6.24E-06	-3.90E-06	-2.82E-04	-7.48E-05	2.35E-04	1.54E-04	-1.30E-04				
56	712.00	2.11E+00	9.43E-01	4.79E-01	-2.33E+00	-1.96E+00	1.95E+00	3.93E+00	-8.80E-01	-38.00	2.11E+00	-2.33E+00	
	-138.00	2.94E-05	2.93E-06	-7.62E-06	-1.06E-04	-8.90E-05	8.89E-05	7.08E-05	-3.85E-05				
57	712.00	5.38E-01	-8.82E-02	-1.37E-01	-1.48E+00	-8.14E-01	1.62E+00	1.74E+00	-1.29E+00	-39.04	5.38E-01	-1.48E+00	
	-78.00	1.72E-05	-6.82E-06	-9.71E-06	-1.14E-04	-6.26E-05	1.25E-04	6.35E-05	-5.31E-05				
58	712.00	6.99E-01	4.20E-01	8.96E-02	-1.99E+00	-7.38E-01	1.85E+00	2.56E+00	-1.44E+00	-43.00	6.99E-01	-1.99E+00	
	-18.00	1.36E-05	2.88E-06	-9.87E-06	-1.53E-04	-5.68E-05	1.43E-04	8.51E-05	-6.86E-05				
59	837.00	7.99E+00	4.39E+00	4.95E+00	-2.36E+00	-1.32E+00	2.20E+00	9.16E+00	3.22E+00	-26.35	4.39E+00	2.46E+00	
	-318.00	1.38E-04	-2.56E-05	.00E+00	-2.15E-04	-1.20E-04	2.00E-04	1.91E-04	-7.87E-05				
60	887.00	1.09E+00	-8.80E-03	4.33E-01	-6.31E+00	-5.55E-01	4.75E+00	6.87E+00	-5.79E+00	-42.51	-5.28E+00	2.48E+00	
	-288.00	2.95E-05	-2.01E-05	.00E+00	-5.73E-04	-5.04E-05	4.32E-04	2.93E-04	-2.83E-04				
61	987.00	-1.45E+00	-1.02E+00	-1.00E+00	-6.39E+00	2.15E-01	4.19E+00	5.14E+00	-7.64E+00	-45.91	-1.45E+00	-6.39E+00	
	-288.00	-2.06E-05	-2.19E-06	.00E+00	-5.81E-04	1.96E-05	3.81E-04	2.79E-04	-3.02E-04				
62	1037.00	7.82E+00	4.65E+00	4.99E+00	-4.67E+00	-9.81E-01	3.27E+00	1.12E+01	1.31E+00	-35.63	4.65E+00	4.67E+00	
	-318.00	1.29E-04	-1.53E-05	.00E+00	-4.24E-04	-8.52E-05	2.97E-04	2.81E-04	-1.67E-04				
63	862.00	1.42E-01	2.35E-02	-2.17E-01	-3.19E+00	-2.60E-01	2.43E+00	3.27E+00	-3.10E+00	-44.47	1.42E-01	-3.19E+00	
	-213.00	7.11E-06	1.75E-06	-9.20E-06	-2.90E-04	-1.82E-05	2.21E-04	1.49E-04	-1.40E-04				
64	1012.00	-4.65E-01	-3.36E-01	-6.29E-01	-3.42E+00	3.92E-02	2.37E+00	3.02E+00	-3.82E+00	-45.54	-4.65E-01	-3.42E+00	
	-213.00	-2.57E-06	3.29E-06	-1.00E-05	-3.11E-04	3.56E-06	2.15E-04	1.56E-04	-1.55E-04				
65	837.00	1.13E-01	1.50E-01	-8.07E-01	-2.43E+00	-9.90E-01	2.63E+00	2.59E+00	-2.28E+00	-45.45	1.90E-01	2.43E+00	
	-148.00	5.20E-06	6.95E-06	-1.57E-05	-1.11E-04	-4.50E-05	1.20E-04	6.14E-05	-4.92E-05				
66	937.00	4.32E-01	9.82E-02	-6.42E-01	-4.21E+00	-4.49E-01	2.91E+00	4.48E+00	-3.95E+00	-43.67	-2.76E+00	2.94E+00	
	-128.00	1.04E-05	2.82E-06	-1.40E-05	-1.91E-04	-2.04E-05	1.32E-04	1.02E-04	-8.92E-05				
67	1037.00	[illegible]00E+00	8.96E-01	6.04E-01	-4.09E+00	-1.44E+00	3.50E+00	6.82E+00	-1.92E+00	-24.59	8.96E-01	4.09E+00	
	-148.00	[illegible]1E-05	-8.51E-06	-1.51E-05	-1.86E-04	-6.55E-05	1[illegible]04	1.26E-04	-7.26E-05				
68	837.	[illegible]5E+00	1.22E+00	5.74E-01	-4.59E+00	-9.41E-01	[illegible]00	5.90E+00	-3.28E+00	-44.49	1.39E+00	-4.5[illegible]	

	-68.0	[illegible]4E-05	1.21E-05	-1.29E-05	-3.53E-04	-7.24E-05	[illegible]E-04	1.92E-04	-1.61E-04			
69	937.00	1.54E+00	-3.69E-01	-2.32E-01	-2.56E+00	-9.35E-01	[illegible]E+00	3.31E+00	-2.14E+00	-34.77	-3.69E-01	2.56E
	-88.00	4.86E-05	-2.45E-05	-1.92E-05	-1.97E-04	-7.19E-05	1.67E-04	1.17E-04	-9.26E-05			
70	1037.00	-3.95E-02	-6.27E-01	-8.99E-01	-4.34E+00	2.73E-01	4.59E+00	4.02E+00	-4.69E+00	-43.07	-3.54E+00	2.94E+00
	-68.00	1.57E-05	-6.90E-06	-1.74E-05	-3.34E-04	2.10E-05	3.53E-04	1.72E-04	-1.63E-04			
71	862.00	1.03E+00	5.90E-01	-2.84E-04	-1.97E+00	-7.58E-01	1.78E+00	2.75E+00	-1.17E+00	-41.84	1.03E+00	-1.97E+00
	-18.00	2.17E-05	4.93E-06	-1.78E-05	-1.51E-04	-6.14E-05	1.37E-04	8.95E-05	-6.28E-05			
72	1012.00	-3.98E-01	-5.53E-01	-1.09E+00	-2.12E+00	1.28E-01	1.54E+00	1.65E+00	-2.60E+00	-43.96	-3.98E-01	-2.12E+00
	-18.00	7.16E-06	1.20E-06	-1.96E-05	-1.63E-04	9.85E-06	1.18E-04	8.59E-05	-7.75E-05			
73	1387.00	-4.51E-01	-4.53E-01	-4.83E-01	-2.49E+00	-1.39E-02	1.28E+00	2.02E+00	-2.96E+00	-44.76	-4.51E-01	-2.49E+00
	-303.00	-1.88E-06	-3.82E-06	-3.59E-06	-2.26E-04	-1.26E-06	1.16E-04	1.10E-04	-1.16E-04			
74	1387.00	-7.84E-02	1.43E-02	-3.70E-01	-2.65E+00	-7.16E-02	1.30E+00	2.62E+00	-2.68E+00	-45.50	-7.84E-02	-2.65E+00
	-213.00	2.07E-06	6.28E-06	-1.12E-05	-2.41E-04	-6.51E-06	1.19E-04	1.25E-04	-1.16E-04			
75	1387.00	2.71E-02	-2.35E-01	-2.90E-01	-1.96E+00	-2.09E-01	8.45E-01	1.86E+00	-2.07E+00	-43.08	2.71E-02	-1.96E+00
	-138.00	6.90E-06	9.40E-07	-1.62E-05	-8.90E-05	-9.48E-06	3.84E-05	4.85E-05	-4.07E-05			
76	1187.00	8.35E-01	5.94E-01	1.91E-02	-2.91E+00	-6.41E-01	5.12E-01	3.63E+00	-2.20E+00	-43.81	8.35E-01	-2.91E+00
	-68.00	1.62E-05	6.93E-06	-1.52E-05	-2.24E-04	-4.93E-05	3.94E-05	1.24E-04	-1.00E-04			
77	1387.00	9.42E-01	6.94E-01	-1.31E-01	-1.57E+00	-4.62E-01	1.09E+00	2.40E+00	-7.62E-01	-42.75	6.94E-01	1.57E+00
	-88.00	1.97E-05	1.01E-05	-2.16E-05	-1.21E-04	-3.55E-05	8.39E-05	7.57E-05	-4.58E-05			
78	1587.00	9.69E-02	3.09E-02	-6.36E-01	-1.99E+00	6.75E-02	4.05E-01	1.96E+00	-1.83E+00	-44.50	-6.94E-01	1.73E+00
	-68.00	9.31E-06	6.77E-06	-1.89E-05	-1.46E-04	5.20E-06	3.12E-05	8.08E-05	-6.47E-05			
79	1237.00	1.19E+00	4.53E-01	-1.06E-01	-1.65E+00	-6.17E-01	8.45E-01	2.52E+00	-8.74E-01	-38.72	1.19E+00	-1.65E+00
	-18.00	2.89E-05	5.23E-07	-2.10E-05	-1.27E-04	-4.74E-05	6.50E-05	7.99E-05	-5.05E-05			
80	1433.80	7.16E-01	2.99E-01	-3.89E-01	-1.94E+00	-2.23E-01	6.00E-01	2.46E+00	-1.44E+00	-41.92	7.16E-01	-1.94E+00
	-8.00	2.07E-05	4.61E-06	-2.18E-05	-1.49E-04	-1.71E-05	4.61E-05	8.76E-05	-6.23E-05			
81	1533.80	1.16E+00	2.87E-01	-1.94E-01	-1.17E+00	-1.39E-01	3.82E-01	1.98E+00	-5.26E-01	-34.74	2.87E-01	1.17E+00
	-28.00	3.10E-05	-2.79E-06	-2.13E-05	-9.02E-05	-1.07E-05	2.94E-05	6.22E-05	-3.41E-05			
82	1633.80	1.15E+00	3.51E-01	-1.26E-01	-3.89E-01	9.43E-02	1.80E-02	1.31E+00	1.93E-01	-22.11	1.94E-01	2.93E-02
	-8.00	2.91E-05	-1.61E-06	-2.00E-05	-2.99E-05	7.25E-06	1.39E-06	3.52E-05	-7.68E-06			
83	1433.80	4.96E+00	2.15E+00	1.96E+00	-1.31E+00	-1.37E+00	4.92E-01	5.47E+00	1.64E+00	-21.49	2.15E+00	1.31E+00
	27.60	9.10E-05	-1.68E-05	-2.44E-05	-1.01E-04	-1.05E-04	3.78E-05	1.11E-04	-3.66E-05			
84	1296.10	1.74E+00	2.26E-01	-8.54E-02	-1.41E+00	-6.82E-01	7.27E-01	2.58E+00	-6.15E-01	-30.86	1.09E+00	1.59E+00
	40.70	4.43E-05	-1.20E-05	-2.40E-05	-1.08E-04	-5.25E-05	5.59E-05	7.86E-05	-4.43E-05			
85	1148.60	7.66E-01	-3.37E-01	-5.62E-01	-1.79E+00	-7.33E-01	1.30E-01	2.09E+00	-1.66E+00	-36.44	-1.36E+00	-1.01E+00
	57.33	3.09E-05	-1.15E-05	-2.02E-05	-1.38E-04	-5.64E-05	9.97E-06	8.18E-05	-6.24E-05			
86	1131.40	6.27E+00	3.03E+00	2.62E+00	-6.78E-01	-2.59E+00	-1.85E-02	6.40E+00	2.89E+00	-11.35	3.03E+00	6.78E-01
	112.00	1.10E-04	-1.46E-05	-3.00E-05	-5.21E-05	-1.99E-04	-1.43E-06	1.15E-04	-1.98E-05			
87	1019.80	1.83E+00	6.62E-01	1.71E-01	-1.99E+00	-1.08E+00	3.02E+00	3.32E+00	-8.24E-01	-36.79	6.62E-01	1.99E+00
	34.67	4.12E-05	-3.83E-06	-2.27E-05	-1.53E-04	-8.27E-05	2.32E-04	9.83E-05	-6.10E-05			
88	886.60	8.31E-01	2.76E-01	-2.43E-01	-1.57E+00	-5.16E-01	1.67E+00	2.15E+00	-1.04E+00	-39.99	8.31E-01	-1.57E+00
	48.00	2.25E-05	1.12E-06	-1.88E-05	-1.21E-04	-3.97E-05	1.28E-04	7.32E-05	-4.96E-05			
89	869.80	4.05E+00	1.74E+00	1.44E+00	-8.20E-01	-1.61E+00	3.87E-01	4.32E+00	1.48E+00	-17.63	1.74E+00	8.20E-01
	96.00	7.54E-05	-1.27E-05	-2.40E-05	-6.31E-05	-1.24E-04	2.98E-05	8.65E-05	-2.28E-05			
90	952.60	6.08E-01	-1.59E+00	-1.35E+00	-2.42E+00	-7.51E-01	1.74E+00	2.05E+00	-3.43E+00	-30.89	-2.79E+00	1.76E+00
	128.00	5.33E-05	-4.64E-05	-2.19E-05	-1.86E-04	-5.78E-05	1.34E-04	1.09E-04	-1.02E-04			
91	869.80	1.17E+00	2.21E-01	-1.34E-01	-1.04E+00	-8.21E-01	2.29E-01	1.84E+00	-4.48E-01	-32.75	1.17E+00	-1.04E+00
	160.00	3.11E-05	-5.30E-06	-1.90E-05	-8.00E-05	-6.31E-05	1.76E-05	5.69E-05	-3.10E-05			
92	869.80	5.64E+00	1.84E+00	1.91E+00	-5.74E-01	-3.03E+00	6.59E-01	5.73E+00	1.76E+00	-8.41	1.84E+00	5.74E-01
	203.60	1.14E-04	-3.23E-05	-2.99E-05	-4.41E-05	-2.33E-04	5.07E-05	1.17E-04	-3.56E-05			
93	598.67	-2.09E-01	6.70E-03	-2.82E-01	-3.10E+00	-2.14E+00	3.66E+00	3.00E+00	-3.20E+00	-46.00	6.70E-03	3.10E+00
	16.00	-2.71E-06	5.57E-06	-5.52E-06	-2.38E-04	-1.65E-04	2.81E-04	1.21E-04	-1.18E-04			
94	645.75	5.20E-01	3.02E-01	9.33E-02	-1.99E+00	-8.54E-01	1.70E+00	2.40E+00	-1.56E+00	-43.43	5.20E-01	-1.99E+00
	24.00	9.95E-06	1.56E-06	-6.48E-06	-1.53E-04	-6.57E-05	1.31E-04	8.23E-05	-7.08E-05			
95	613.10	8.25E-01	1.27E+00	7.68E-01	-3.40E+00	-9.16E-01	4.81E-02	4.45E+00	-2.36E+00	-46.86	8.25E-01	-3.40E+00
	69.33	2.99E-07	1.73E-05	-1.91E-06	-2.61E-04	-7.05E-05	3.70E-06	1.40E-04	-1.22E-04			
96	708.45	1.01E+00	2.33E-01	2.92E-02	-1.60E+00	-8.83E-01	1.27E+00	2.27E+00	-1.02E+00	-38.15	1.23E+00	1.53E+00
	55.00	2.50E-05	-5.06E-06	-1.29E-05	-1.23E-04	-6.79E-05	9.80E-05	7.33E-05	-5.34E-05			
97	613.10	2.98E+00	1.26E+00	1.17E+00	-1.07E+00	-3.00E+00	8.19E-01	3.45E+00	7.52E-01	-25.62	1.26E+00	1.07E+00
	96.00	5.52E-05	-1.09E-05	-1.45E-05	-8.23E-05	-2.31E-04	6.30E-05	7.49E-05	-3.06E-05			
98	682.27	1.11E+00	3.48E-01	1.08E-01	-2.17E+00	-9.25E-01	1.24E+00	2.93E+00	-1.47E+00	-40.02	-1.20E+00	1.07E+00
	112.00	2.55E-05	-3.82E-06	-1.31E-05	-1.67E-04	-7.12E-05	9.53E-05	9.56E-05	-7.39E-05			
99	751.43	3.52E+00	-8.25E-01	3.91E-01	-2.45E+00	-2.08E+00	3.18E+00	4.62E+00	-1.92E+00	-24.19	-8.25E-01	2.45E+00
	96.00	1.01E-04	-6.57E-05	-1.89E-05	-1.88E-04	-1.60E-04	2.45E-04	1.44E-04	-1.08E-04			
100	683.25	8.78E-01	1.31E-01	-1.37E-01	-8.11E-01	-7.16E-01	1.16E+00	1.40E+00	-3.89E-01	-32.64	8.78E-01	-8.11E-01

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	152.00	2.42E-05	-4.54E-06	-1.49E-05	-6.24E-05	-5.51E-05	5.93E-05	4.42E-05	-2.45E-05				
101	648.67	4.97E+00	2.22E+00	2.05E+00	-4.63E-01	-2.05E+00	6.32E-01	4.95E+00	2.14E+00	-9.61	2.22E+00	4.63E-01	
	192.00	8.66E-05	-1.56E-05	-2.05E-05	-3.56E-05	-1.57E-04	4.86E-05	8.96E-05	-1.86E-05				
102	725.25	7.03E-01	-4.75E-01	-3.20E-01	-8.89E-01	-5.55E-01	6.79E-01	1.16E+00	-9.53E-01	-28.23	8.27E-02	1.07E+00	
	232.70	3.03E-05	-1.51E-05	-1.66E-05	-6.84E-05	-4.27E-05	6.76E-05	4.86E-05	-3.34E-05				
103	635.50	9.01E-01	1.02E+00	2.70E-01	2.88E-02	-4.37E-01	-4.47E-01	1.02E+00	7.97E-01	82.64	8.01E-01	2.88E-02	
	256.00	7.92E-06	1.63E-05	-1.26E-05	2.21E-06	-3.37E-05	-3.44E-05	1.64E-05	7.68E-06				
104	635.50	1.56E+00	1.15E+00	3.75E-01	1.03E-01	-1.53E+00	6.11E-02	1.68E+00	1.13E+00	11.11	1.15E+00	-1.03E-01	
	290.67	2.57E-05	9.30E-06	-2.06E-05	7.90E-06	-1.19E-04	4.70E-06	2.95E-05	8.61E-06				
105	569.00	-5.80E-01	-6.97E-02	-1.90E-01	-3.27E+00	-1.13E+00	3.08E+00	2.95E+00	-3.60E+00	-47.24	-5.80E-01	-3.27E+00	
	16.50	-1.31E-05	6.57E-06	1.91E-06	-2.51E-04	-8.68E-05	2.37E-04	1.23E-04	-1.29E-04				
106	508.50	-6.62E+00	-4.45E+00	-4.25E+00	-2.34E+00	-2.68E+00	8.92E-01	-2.95E+00	-6.11E+00	-57.43	-4.45E+00	2.34E+00	
	13.00	-8.62E-05	-2.71E-06	4.70E-06	-1.80E-04	-2.06E-04	6.86E-05	5.48E-05	-1.44E-04				
107	521.00	-1.83E+00	-8.81E-01	-6.94E-01	-3.21E+00	-9.29E-01	1.67E+00	1.89E+00	-4.59E+00	-49.20	-1.83E+00	-3.21E+00	
	15.75	-3.29E-05	3.50E-06	1.07E-05	-2.47E-04	-7.15E-05	1.29E-04	1.10E-04	-1.39E-04				
108	526.25	-1.58E+00	-7.47E-01	-6.24E-01	-3.53E+00	-7.52E-01	1.74E+00	2.39E+00	-4.72E+00	-48.36	-1.58E+00	-3.53E+00	
	21.00	-2.83E-05	3.69E-06	8.41E-06	-2.72E-04	-6.09E-05	1.34E-04	1.24E-04	-1.49E-04				
109	515.50	-4.13E+00	-2.80E+00	-2.77E+00	-4.35E+00	-1.92E+00	9.02E-01	9.37E-01	-7.87E+00	-49.34	-2.60E+00	4.35E+00	
	26.00	-5.23E-05	-1.17E-06	9.99E-08	-3.35E-04	-1.48E-04	6.94E-05	1.43E-04	-1.96E-04				
110	531.50	-6.33E-01	-4.26E-01	-2.88E-01	-2.89E+00	-5.65E-01	1.51E+00	2.36E+00	-3.42E+00	-46.03	-6.33E-01	-2.89E+00	
	34.50	-9.56E-06	-1.57E-06	3.73E-06	-2.22E-04	-4.34E-05	1.16E-04	1.06E-04	-1.17E-04				
111	515.50	2.18E+00	3.43E+00	2.51E+00	-8.44E+00	-4.54E-01	-6.15E-01	1.13E+01	-5.65E+00	-47.11	2.18E+00	-8.44E+00	
	44.00	-5.33E-06	4.24E-05	7.34E-06	-6.49E-04	-3.49E-05	-4.73E-05	3.44E-04	-3.07E-04				
112	515.50	7.93E-01	4.01E-01	3.95E-01	-1.95E+00	-1.15E+00	7.35E-01	2.56E+00	-1.37E+00	-42.13	4.01E-01	1.95E+00	
	53.33	1.31E-05	-2.04E-06	-2.27E-06	-1.50E-04	-8.88E-05	5.66E-05	8.10E-05	-7.00E-05				
113	547.50	1.02E+00	-7.27E-01	3.89E-02	-3.11E+00	-6.73E-01	3.44E+00	3.38E+00	-3.09E+00	-37.17	-1.69E+00	2.66E+00	
	64.00	3.56E-05	-3.16E-05	-2.14E-06	-2.40E-04	-5.18E-05	2.65E-04	1.26E-04	-1.22E-04				
114	515.50	2.55E+00	2.95E+00	2.20E+00	-3.52E+00	-2.50E-01	5.78E-01	6.27E+00	-7.73E-01	-46.60	2.55E+00	-3.52E+00	
	74.67	1.36E-05	2.87E-05	5.50E-09	-2.71E-04	-1.92E-05	4.45E-05	1.57E-04	-1.14E-04				
115	515.50	5.18E+00	3.20E+00	3.23E+00	-1.28E+00	-8.62E-01	7.01E-01	5.80E+00	2.57E+00	-26.05	3.20E+00	1.28E+00	
	88.00	7.17E-05	-4.69E-06	-3.20E-06	-9.81E-05	-6.63E-05	5.39E-05	9.57E-05	-2.87E-05				
116	547.50	2.95E+00	1.65E-01	1.14E+00	-3.94E+00	-5.66E-01	2.42E+00	5.74E+00	-2.62E+00	-35.26	-1.53E+00	2.82E+00	
	104.00	6.68E-05	-4.04E-05	-3.01E-06	-3.03E-04	-4.36E-05	1.86E-04	1.74E-04	-1.48E-04				
117	515.50	9.11E-01	9.27E-01	5.28E-01	-2.83E+00	-8.08E-02	1.10E+00	3.75E+00	-1.91E+00	-45.08	9.11E-01	-2.83E+00	
	120.00	9.04E-06	9.67E-06	-5.71E-06	-2.18E-04	-6.22E-06	8.43E-05	1.18E-04	-9.94E-05				
118	515.50	3.45E+00	2.04E+00	1.89E+00	-1.09E+00	-4.79E-01	5.88E-01	4.05E+00	1.45E+00	-28.50	2.04E+00	1.09E+00	
	136.00	5.17E-05	-2.77E-06	-8.33E-06	-8.38E-05	-3.68E-05	4.52E-05	7.44E-05	-2.55E-05				
119	547.50	2.58E+00	8.01E-01	1.07E+00	-2.58E+00	-3.14E-01	1.26E+00	4.42E+00	-1.04E+00	-35.49	-3.10E-01	1.86E+00	
	152.00	5.04E-05	-1.81E-05	-7.85E-06	-1.99E-04	-2.41E-05	9.72E-05	1.21E-04	-8.89E-05				
120	515.50	1.23E+00	1.05E+00	5.28E-01	-1.87E+00	-8.71E-02	4.35E-01	3.01E+00	-7.25E-01	-43.59	1.23E+00	-1.87E+00	
	168.00	1.66E-05	9.52E-06	-1.06E-05	-1.44E-04	-6.70E-06	3.35E-05	8.49E-05	-5.88E-05				
121	515.50	4.61E+00	2.76E+00	2.49E+00	-8.41E-01	-5.94E-01	4.35E-01	4.93E+00	2.43E+00	-21.15	2.76E+00	8.41E-01	
	184.00	6.90E-05	-2.19E-06	-1.26E-05	-6.47E-05	-4.57E-05	3.35E-05	8.15E-05	-1.47E-05				
122	547.50	1.49E+00	-9.59E-01	-2.22E-01	-2.86E+00	-3.07E-01	1.92E+00	3.38E+00	-2.85E+00	-33.45	-2.16E+00	1.95E+00	
	200.00	5.37E-05	-4.02E-05	-1.19E-05	-2.20E-04	-2.36E-05	1.48E-04	1.27E-04	-1.13E-04				
123	515.50	-6.54E-01	-1.09E+00	-1.24E+00	-1.32E+00	1.26E-01	5.80E-01	4.62E-01	-2.21E+00	-40.26	-6.54E-01	-1.32E+00	
	216.00	7.69E-06	-9.22E-06	-1.49E-05	-1.01E-04	9.67E-06	4.46E-05	5.06E-05	-5.21E-05				
124	515.50	1.26E+00	5.87E-01	1.74E-01	-3.21E-01	-4.28E-02	2.89E-01	1.39E+00	4.58E-01	-21.78	5.87E-01	3.21E-01	
	232.00	2.63E-05	3.28E-07	-1.55E-05	-2.47E-05	-3.30E-06	2.22E-05	3.13E-05	-4.61E-06				
125	547.50	4.12E-01	-6.86E-02	-3.95E-01	-6.57E-01	2.62E-02	1.37E+00	8.72E-01	-5.28E-01	-34.95	-3.50E-01	4.67E-01	
	248.00	1.64E-05	-2.08E-06	-1.46E-05	-5.05E-05	2.01E-06	1.06E-04	3.41E-05	-1.97E-05				
126	515.50	-1.35E+00	-1.54E+00	-1.90E+00	2.04E-01	3.42E-01	8.44E-01	-1.29E+00	-2.00E+00	17.42	-1.35E+00	2.04E-01	
	264.00	5.01E-06	-1.75E-05	-1.60E-05	1.57E-05	2.63E-05	6.49E-05	7.47E-06	-2.00E-05				
127	515.50	4.32E-01	1.35E-01	-2.42E-01	-8.77E-02	5.65E-01	1.73E-01	4.56E-01	1.11E-01	-15.29	1.35E-01	8.77E-02	
	276.00	1.30E-05	1.62E-06	-1.29E-05	-6.75E-06	4.34E-05	1.33E-05	1.40E-05	6.96E-07				
128	531.50	-7.39E-01	-4.42E-01	-9.75E-01	-5.29E-02	3.05E-01	1.05E-01	-4.33E-01	-7.48E-01	-60.21	-7.39E-01	-5.29E-02	
	297.00	-4.73E-06	6.70E-06	-1.38E-05	-4.07E-06	2.34E-05	8.10E-06	7.05E-06	-5.09E-06				
129	515.50	-2.70E+00	-2.11E+00	-2.43E+00	5.46E-01	3.20E-01	4.67E-01	-1.78E+00	-3.02E+00	59.21	-2.70E+00	5.46E-01	
	320.00	-2.42E-05	-1.44E-06	-1.41E-05	4.20E-05	2.46E-05	3.59E-05	1.11E-05	-3.67E-05				
130	565.50	-1.36E-01	1.04E-01	2.20E-01	-4.90E+00	-1.48E+00	3.78E+00	4.89E+00	-4.92E+00	-45.70	-1.36E-01	-4.90E+00	
	-8.00	-7.29E-06	1.93E-06	6.39E-06	-3.77E-04	-1.14E-04	2.90E-04	1.86E-04	-1.91E-04				

EARTHQUAKE AN[illegible] OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 TIME = .5300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.5039E+02	.3160E+03	-.6145E+02	-.4959E+02	-.1077E+03	.7424E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.7106E+01	-.3182E+01	-.1446E+01	-.4547E+02	.2921E+02	.3970E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.6343E+01	.1069E+01	-.6619E+00	-.7435E+02	.6537E+02	.7265E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.8921E+01	-.2027E+01	-.1430E+00	-.1044E+03	.1027E+03	.1065E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1012E+02	.1524E+01	-.1769E+00	-.1349E+03	.1398E+03	.1435E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.7430E-01	.8188E+00	-.5991E+00	-.1814E+03	.1775E+03	.1885E+03
25	-.2156E+02	-.3509E+01	-.1383E+00	-.2259E+03	.1956E+03	.2328E+03
26	.1221E+02	.1386E+01	-.3286E-01	-.2446E+03	.2071E+03	.2653E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1108E+03	.2165E+02	-.3954E+01	-.2505E+03	.2874E+03	.2916E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2009E+04	-.3460E+03	.1203E+02	-.3558E+03	.7717E+03	.4640E+03
40	-.1389E+04	-.2158E+03	-.4851E+01	-.3345E+03	.7615E+03	.4247E+03
41	-.8977E+03	-.1184E+03	-.1882E+02	-.2889E+03	.6903E+03	.3677E+03
42	-.2056E+03	-.1347E+02	-.1707E+02	-.2514E+03	.4905E+03	.3202E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2105E+04	.2746E+03	.1126E+02	-.5403E+02	.8157E+03	-.2531E+03
48	.1826E+04	.2380E+03	.1277E+02	-.1195E+03	.7540E+03	-.1802E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3199E+04	.4867E+03	.1520E+02	.4612E+02	.5572E+03	-.7315E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.8544E+01	-.1621E+02	.4982E+00	-.3055E+02	.8020E+03	-.2390E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

61	.2191E+04	.3325E+03	.1509E+02	.3741E+01	.4479E+03	-.6854E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1536E+04	.2339E+03	.2014E+02	.5820E+01	.4182E+03	-.6656E+03
66	.5170E+03	.8041E+02	.2533E+02	.1351E+02	.3405E+03	-.6934E+03
67	-.1050E+04	-.1552E+03	.2539E+02	.1221E+02	.2600E+03	-.6915E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1867E+04	-.2782E+03	.2129E+02	-.7534E+02	.1881E+03	-.7025E+03
76	.2028E+03	.3149E+02	.1469E+02	-.1036E+03	.9503E+02	-.7145E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.7869E+03	-.1180E+03	.1081E+02	-.1204E+03	-.1791E+02	-.6887E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3305E+03	.4898E+02	.7750E+01	-.1664E+03	-.8658E+02	-.6745E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4617E+03	-.7084E+02	.6925E+01	-.1297E+03	-.1831E+03	-.6219E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2997E+03	.4278E+02	.5774E+01	-.1124E+03	-.2405E+03	-.5668E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3450E+03	-.5471E+02	.5863E+01	-.1131E+03	-.3217E+03	-.5109E+03
109	.2043E+03	.2718E+02	.5079E+01	-.1133E+03	-.3750E+03	-.4413E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2898E+03	-.4761E+02	.4909E+01	-.6700E+02	-.4369E+03	-.3694E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1565E+03	-.2793E+02	.9382E+00	-.3727E+02	-.4643E+03	-.2941E+03
115	-.4724E+02	-.1177E+02	-.3949E+00	-.9619E+01	-.4680E+03	-.2153E+03
116	-.1521E+03	-.2907E+02	-.1910E+01	.8659E+01	-.4889E+03	-.1682E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1515E+03	-.2824E+02	-.3455E+01	-.1444E+02	-.5018E+03	-.1443E+03
119	-.1047E+03	-.2109E+02	-.5055E+01	.3990E+02	-.4562E+03	-.8824E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2717E+03	-.3481E+02	-.1647E+02	.3403E+02	-.3919E+03	-.5020E+02
122	-.2299E+03	-.1603E+02	-.2699E+02	-.1392E+02	-.3761E+03	-.4610E+02
	-.1744E+03	-.1045E+02	-.2377E+02	-.989[illegible]	-.3301E+03	-.4144E+02
	-.1272E+03	-.7429E+01	-.1630E+02	-.[illegible]	-.2718E+03	-.3768E+02

	-.6328E+02	-.2526E+01	-.1201E+02	-.4[illegible]01	-.2246E+03	-.3408E+02
126	-.2529E+02	.5515E+01	-.1118E+02	-.1044E+01	-.1987E+03	-.3024E+02
127	.1738E+02	.1263E+02	-.1140E+02	.1722E+00	-.1610E+03	-.2537E+02
128	.6078E+02	.1543E+02	-.1083E+02	.4517E+01	-.1044E+03	-.1990E+02
129	.6134E+02	.1594E+02	-.9029E+01	.7093E+01	-.5902E+02	-.1512E+02
130	.4252E+02	.9741E+01	-.6533E+01	.7520E+01	-.2585E+02	-.1187E+02
131	.1112E+02	.1742E+01	-.4326E+01	.6519E+01	-.8253E+01	-.9924E+01
132	-.1289E+01	-.8090E+00	-.3174E+01	.4219E+01	-.9334E+01	-.8618E+01
133	-.2173E+01	-.6677E+00	-.2923E+01	.2860E+01	-.1116E+02	-.7287E+01
134	-.6010E+00	-.1924E+00	-.2920E+01	.2181E+01	-.9546E+01	-.5742E+01
135	-.4948E-02	-.1024E-01	-.3294E+01	.1673E+01	-.6743E+01	-.4229E+01
136	.1809E-01	-.1631E-01	-.4373E+01	.1178E+01	-.4355E+01	-.2820E+01
137	.8665E-01	.2911E-01	-.6893E+01	.8289E+00	-.1964E+01	-.1542E+01
138	-.3387E-01	-.1543E+00	-.1150E+03	.5627E+00	.5227E+00	-.7746E+00
139	-.1134E+00	-.1838E+00	.3904E+02	.9856E-01	-.2818E+00	.2862E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	P-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.36519E-01	.19127E-03	-.36620E-01	.00000E+00
3	.66569E-01	.70344E-03	-.66567E-01	.00000E+00
4	.72162E-01	.70306E-03	-.71991E-01	.00000E+00
5	.77864E-01	-.46089E-05	-.77894E-01	.00000E+00
6	.87946E-01	-.35897E-05	-.87934E-01	.19432E-04
7	.80793E-01	.15421E-02	-.81868E-01	.00000E+00
8	.88197E-01	.11903E-02	-.88494E-01	.39989E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.36270E-01	.44521E-03	-.36627E-01	.00000E+00
11	.66970E-01	.96398E-03	-.67972E-01	.00000E+00
12	.74603E-01	.11393E-02	-.75803E-01	.00000E+00
13	.80780E-01	.90933E-03	-.81403E-01	.00000E+00
14	.88712E-01	.12684E-02	-.89982E-01	.10225E-04
15	.91818E-01	.23598E-02	-.85535E-01	.00000E+00
16	.89487E-01	.20633E-02	-.92425E-01	-.24134E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.36603E-01	.68426E-03	-.38153E-01	.00000E+00
19	.68226E-01	.13814E-02	-.71433E-01	.00000E+00
20	.76209E-01	.17305E-02	-.80023E-01	.00000E+00
21	.82696E-01	.17425E-02	-.86179E-01	.00000E+00
22	.90546E-01	.15297E-02	-.95836E-01	.51993E-05
23	.84866E-01	.36006E-02	-.93207E-01	.00000E+00
24	.91872E-01	.32025E-02	-.10031E+00	.32418E-04
25	.92799E-01	.39973E-02	-.10319E+00	.12827E-05
26	.93339E-01	.38805E-02	-.10489E+00	-.49604E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.36578E-01	.13253E-02	-.39425E-01	.00000E+00
29	.69666E-01	.26414E-02	-.74875E-01	.00000E+00
30	.77909E-01	.31029E-02	-.84978E-01	.00000E+00
31	.85573E-01	.37427E-02	-.94615E-01	.00000E+00
32	.93909E-01	.44416E-02	-.10678E+00	.88365E-04
33	.85322E-01	.53554E-02	-.94667E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.36273E-01	.18473E-02	-.39486E-01	.00000E+00
36	.70132E-01	.32618E-02	-.75622E-01	.00000E+00
37	.78743E-01	.36668E-02	-.84700E-01	.00000E+00
38	.87029E-01	.46014E-02	-.98127E-01	.00000E+00
39	.95000E-01	.62408E-02	-.11003E+00	-.49132E-04
40	.94820E-01	.64613E-02	-.10928E+00	.56327E-05
41	.94649E-01	.61943E-02	-.10858E+00	.42036E-04
42	.94346E-01	.54475E-02	-.10778E+00	.75416E-04
43	.77757E-01	.46562E-02	-.82893E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00

45	.33621E-01	.24505E-04	-.35998E-01	.00000E+00
46	.45705E-01	.29230E-02	-.72485E-01	.00000E+00
47	.95086E-01	.58246E-02	-.11032E+00	-.47777E-04
48	.95061E-01	.60311E-02	-.11028E+00	-.71201E-04
49	.87716E-01	.48300E-02	-.97301E-01	.00000E+00
50	.95942E-01	.60398E-02	-.11069E+00	-.21223E-03
51	.88381E-01	.52516E-02	-.95090E-01	.00000E+00
52	.90126E-01	.53301E-02	-.10416E+00	.00000E+00
53	.95153E-01	.55295E-02	-.11046E+00	-.13045E-04
54	.77327E-01	.30454E-02	-.77222E-01	.00000E+00
55	.86844E-01	.43528E-02	-.85226E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.29954E-01	.32109E-02	-.26364E-01	.00000E+00
58	.62020E-01	.21188E-02	-.50479E-01	.00000E+00
59	.10091E+00	.41329E-02	-.98616E-01	.00000E+00
60	.99298E-01	.51317E-02	-.10119E+00	.00000E+00
61	.96763E-01	.60542E-02	-.11094E+00	-.32793E-03
62	.72986E-01	.16117E-02	-.60974E-01	.00000E+00
63	.84219E-01	.16027E-02	-.73762E-01	.00000E+00
64	.10116E+00	.53379E-02	-.10557E+00	.00000E+00
65	.97874E-01	.60586E-02	-.11119E+00	-.40795E-03
66	.10063E+00	.60319E-02	-.11168E+00	-.49616E-03
67	.10361E+00	.61081E-02	-.11222E+00	-.47352E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.22631E-01	-.33663E-03	-.15752E-01	.00000E+00
70	.65418E-01	.55410E-03	-.50762E-01	.00000E+00
71	.98003E-01	.15969E-02	-.84661E-01	.00000E+00
72	.10389E+00	.50677E-02	-.10579E+00	.00000E+00
73	.80561E-01	.81438E-03	-.58051E-01	.00000E+00
74	.11024E+00	.51929E-02	-.11040E+00	.00000E+00
75	.10614E+00	.61234E-02	-.11269E+00	-.36110E-03
76	.10956E+00	.62461E-02	-.11360E+00	-.25354E-03
77	.92935E-01	.32726E-03	-.70859E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.26957E-01	.95076E-03	-.20691E-01	.00000E+00
80	.62266E-01	-.50522E-03	-.44612E-01	.00000E+00
81	.68805E-01	-.58983E-03	-.48551E-01	.00000E+00
82	.77292E-01	-.88764E-03	-.58633E-01	.00000E+00
83	.10936E+00	.14509E-02	-.93824E-01	.00000E+00
84	.10249E+00	-.42012E-04	-.79304E-01	.00000E+00
85	.11344E+00	.63072E-02	-.11473E+00	-.20306E-03
86	.11427E+00	.53682E-02	-.11357E+00	.00000E+00
87	.93373E-01	-.26905E-03	-.66979E-01	.00000E+00
88	.11426E+00	.41628E-02	-.10486E+00	.00000E+00
89	.11612E+00	.64710E-02	-.11584E+00	-.16367E-03
90	.71137E-01	-.47346E-03	-.34243E-01	.00000E+00
91	.76461E-01	-.92766E-03	-.38199E-01	.00000E+00
92	.82185E-01	.27542E-03	-.40918E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.30594E-01	.00000E+00	-.14267E-01	.00000E+00
95	.56318E-01	.00000E+00	-.25415E-01	.00000E+00
96	.64573E-01	.00000E+00	-.29281E-01	.00000E+00
97	.67401E-01	.00000E+00	-.28678E-01	.00000E+00
98	.66174E-01	.00000E+00	-.27789E-01	.00000E+00
99	.72534E-01	.23456E-03	-.30855E-01	.00000E+00
100	.50470E-01	.45465E-03	-.49826E-01	.00000E+00
101	.10951E+00	.20159E-02	-.79641E-01	.00000E+00
102	.12026E+00	.66508E-02	-.11742E+00	-.14678E-03
103	.11467E+00	.24160E-02	-.96534E-01	.00000E+00
104	.12126E+00	.61387E-02	-.11753E+00	.00000E+00
105	.12314E+00	.67700E-02	-.11878E+00	-.12591E-03
1[illegible]	.12005E+00	.28138E-02	-.10574E+00	[illegible]000E+00
[illegible]	.12655E+00	.64695E-02	-.11934E+00	[illegible]000E+00
[illegible]	.12643E+00	.68568E-02	-.12004E+00	[illegible]2020E-03

	.12682E+00	.69740E-02	-.12106E+00	.0210E-03
	.12717E+00	.69241E-02	-.11141E+00	.0000E+00
111	.13179E+00	.75913E-02	-.12263E+00	.00000E+00
112	.13139E+00	.70717E-02	-.12191E+00	-.91299E-04
113	.13072E+00	.60552E-02	-.11584E+00	.00000E+00
114	.13283E+00	.70163E-02	-.12249E+00	-.33836E-04
115	.13327E+00	.70245E-02	-.12290E+00	-.84077E-05
116	.13328E+00	.68396E-02	-.12300E+00	.11103E-04
117	.13257E+00	.78888E-02	-.12496E+00	.00000E+00
118	.13306E+00	.68702E-02	-.12304E+00	.26351E-04
119	.13233E+00	.68344E-02	-.12301E+00	.45141E-04
120	.13372E+00	.73128E-02	-.12477E+00	.00000E+00
121	.13092E+00	.66721E-02	-.12279E+00	.77456E-04
122	.13076E+00	.60251E-02	-.12292E+00	.93489E-04
123	.13053E+00	.54195E-02	-.12302E+00	.10618E-03
124	.13025E+00	.47315E-02	-.12312E+00	.12082E-03
125	.12989E+00	.39452E-02	-.12322E+00	.13829E-03
126	.12917E+00	.24335E-02	-.12338E+00	.15883E-03
127	.12839E+00	.80934E-03	-.12354E+00	.16206E-03
128	.12691E+00	-.25188E-02	-.12385E+00	.13345E-03
129	.12588E+00	-.49934E-02	-.12414E+00	.89141E-04
130	.12526E+00	-.65954E-02	-.12445E+00	.37141E-04
131	.12524E+00	-.67756E-02	-.12493E+00	-.19227E-04
132	.12566E+00	-.54586E-02	-.12535E+00	-.33803E-04
133	.12604E+00	-.40985E-02	-.12572E+00	-.26586E-04
134	.12627E+00	-.31172E-02	-.12602E+00	-.19379E-04
135	.12641E+00	-.23496E-02	-.12627E+00	-.16631E-04
136	.12651E+00	-.16190E-02	-.12645E+00	-.16907E-04
137	.12657E+00	-.90652E-03	-.12656E+00	-.16577E-04
138	.12662E+00	-.13993E-03	-.12662E+00	-.17956E-04
139	.12662E+00	-.17173E-04	-.12662E+00	-.17254E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.04E-02	1.28E-01	1.45E-02	4.46E+00	1.72E-02	-4.50E+00	4.54E+00	-4.38E+00	45.31	3.04E-02	4.46E+00
	-303.00	-8.65E-07	3.57E-06	-1.59E-06	4.05E-04	1.56E-06	-4.09E-04	2.04E-04	-2.01E-04			
2	72.00	6.23E-02	1.76E-01	-6.06E-02	3.73E+00	1.71E-03	-3.83E+00	3.85E+00	-3.61E+00	45.44	6.23E-02	3.73E+00
	-213.00	5.25E-07	5.69E-06	-5.06E-06	3.39E-04	1.55E-07	-3.49E-04	1.73E-04	-1.67E-04			
3	72.00	5.77E-01	2.09E-01	-1.67E-01	2.48E+00	-2.44E-01	-2.70E+00	2.88E+00	-2.09E+00	42.88	5.77E-01	2.48E+00
	-138.00	9.87E-06	1.51E-06	-7.04E-06	1.13E-04	-1.11E-05	-1.23E-04	6.22E-05	-5.08E-05			
4	24.00	3.03E+00	1.71E+00	2.16E+00	4.62E+00	-8.10E-01	-5.08E+00	7.04E+00	-2.29E+00	40.95	3.03E+00	4.62E+00
	-68.00	4.07E-05	-9.90E-06	7.14E-06	3.55E-04	-6.23E-05	-3.91E-04	1.95E-04	-1.64E-04			
5	72.00	-1.05E+00	-5.53E-01	-1.25E+00	2.05E+00	7.58E-02	-2.18E+00	1.27E+00	-2.87E+00	48.46	-5.53E-01	-2.05E+00
	-88.00	-9.09E-06	1.01E-05	-1.67E-05	1.58E-04	5.83E-06	-1.67E-04	8.00E-05	-7.90E-05			
6	120.00	-5.84E-01	-6.04E-01	-8.39E-01	3.90E+00	2.14E-01	-3.86E+00	3.31E+00	-4.50E+00	44.93	3.24E+00	-7.14E-01
	-68.00	-1.80E-07	-9.54E-07	-1.00E-05	3.00E-04	1.65E-05	-2.97E-04	1.50E-04	-1.51E-04			
7	36.25	1.06E+00	4.05E-01	2.39E-01	2.21E+00	-2.86E-01	-2.11E+00	2.97E+00	-1.50E+00	40.75	9.89E-01	2.22E+00
	-18.00	2.22E-05	3.19E-06	-9.59E-06	1.70E-04	-2.20E-05	-1.62E-04	9.53E-05	-7.63E-05			
8	108.00	-1.18E-01	-2.07E-01	-4.05E-01	1.67E+00	5.93E-03	-1.85E+00	1.51E+00	-1.83E+00	44.24	-1.18E-01	1.67E+00
	-18.00	3.49E-06	6.23E-08	-7.56E-06	1.28E-04	4.56E-07	-1.42E-04	6.60E-05	-6.24E-05			
9	216.00	2.55E-01	3.68E-01	1.81E-01	4.46E+00	-3.40E-02	-4.58E+00	4.77E+00	-4.15E+00	45.36	2.55E-01	4.46E+00
	-303.00	1.15E-06	6.27E-06	-2.21E-06	4.06E-04	-3.09E-06	-4.17E-04	2.07E-04	-1.95E-04			
10	216.00	3.50E-01	3.77E-01	7.30E-02	3.83E+00	-1.13E-01	-3.99E+00	4.20E+00	-3.47E+00	45.10	3.50E-01	3.83E+00
	-213.00	5.52E-06	6.76E-06	-7.08E-06	3.49E-04	-1.02E-05	-3.63E-04	1.80E-04	-1.68E-04			
11	216.00	5.57E-01	3.12E-01	-3.50E-01	2.94E+00	-3.52E-01	-3.14E+00	3.38E+00	-2.51E+00	43.81	5.57E-01	2.94E+00
	-138.00	9.94E-06	4.27E-06	-1.07E-05	1.34E-04	-1.60E-05	-1.43E-04	7.40E-05	-5.97E-05			
12	168.00	1.42E+00	1.38E+00	8.60E-01	4.50E+00	-6.53E-01	-4.62E+00	5.90E+00	-3.10E+00	44.87	1.42E+00	4.50E+00
	-68.00	1.44E-05	1.28E-05	-7.14E-06	3.46E-04	-5.02E-05	-3.56E-04	1.87E-04	-1.60E-04			
13	216.00	-1.39E+00	-5.37E-01	-1.41E+00	1.87E+00	-3.48E-02	-1.90E+00	9.58E-01	-2.86E+00	51.38	-5.37E-01	-1.87E+00

	-88.00	-1.66E-05	1.60E-05	-1.77E-05	1.44E-04	-2.67E-06	-1.46E-04	7.35E-05	-7.41E-05				
14	264.00	-9.13E-02	-5.55E-01	-7.84E-01	3.82E+00	7.15E-02	-3.95E+00	3.51E+00	-4.15E+00	43.27	3.40E+00	-9.17E-01	
	-68.00	1.22E-05	-5.61E-06	-1.44E-05	2.94E-04	5.50E-06	-3.04E-04	1.51E-04	-1.44E-04				
15	180.00	3.88E-01	7.26E-02	-2.49E-01	1.55E+00	-4.39E-01	-1.85E+00	2.19E+00	-1.73E+00	42.69	3.88E-01	1.55E+00	
	-19.00	1.26E-05	4.54E-07	-1.19E-05	1.50E-04	-3.38E-05	-1.43E-04	8.18E-05	-6.88E-05				
16	252.00	2.45E-01	-1.09E-01	-5.03E-01	1.59E+00	-1.67E-01	-1.95E+00	1.67E+00	-1.53E+00	41.82	2.45E-01	1.59E+00	
	-19.00	1.35E-05	-1.66E-07	-1.53E-05	1.22E-04	-1.29E-05	-1.50E-04	6.92E-05	-5.49E-05				
17	361.00	3.51E-01	5.59E-01	2.86E-01	4.50E+00	-1.44E-02	-4.76E+00	4.97E+00	-4.02E+00	45.79	3.51E-01	4.50E+00	
	-303.00	-8.72E-08	1.12E-05	-3.04E-06	4.09E-04	-1.31E-06	-4.32E-04	2.10E-04	-1.95E-04				
18	361.00	4.21E-01	5.61E-01	1.20E-01	4.03E+00	-8.00E-02	-4.25E+00	4.52E+00	-3.54E+00	45.50	4.21E-01	4.03E+00	
	-213.00	4.94E-06	1.12E-05	-8.87E-06	3.66E-04	-7.27E-06	-3.86E-04	1.91E-04	-1.75E-04				
19	361.00	6.10E-01	4.34E-01	-4.51E-01	3.17E+00	-3.39E-01	-3.56E+00	3.70E+00	-2.65E+00	44.21	6.10E-01	3.17E+00	
	-138.00	1.08E-05	6.75E-06	-1.34E-05	1.44E-04	-1.54E-05	-1.62E-04	8.09E-05	-6.34E-05				
20	312.00	2.49E+00	2.09E+00	1.39E+00	5.11E+00	-1.11E+00	-5.60E+00	7.41E+00	-2.82E+00	43.89	2.49E+00	5.11E+00	
	-68.00	3.01E-05	1.49E-05	-1.22E-05	3.93E-04	-8.54E-05	-4.30E-04	2.19E-04	-1.74E-04				
21	360.67	-2.26E+00	-1.30E+00	-2.13E+00	2.46E+00	1.05E-01	-2.79E+00	7.26E-01	-4.28E+00	50.55	-1.30E+00	-2.46E+00	
	-88.00	-2.44E-05	1.27E-05	-1.96E-05	1.89E-04	8.09E-06	-2.15E-04	9.04E-05	-1.02E-04				
22	409.33	1.39E+00	1.91E+00	6.90E-01	4.85E+00	-2.29E-02	-6.06E+00	6.51E+00	-3.21E+00	46.54	6.45E+00	-7.48E-01	
	-68.00	9.56E-06	2.96E-05	-1.73E-05	3.73E-04	-1.76E-06	-4.66E-04	2.07E-04	-1.67E-04				
23	324.00	8.18E-01	1.62E-01	-3.26E-01	2.03E+00	-7.82E-01	-1.97E+00	2.55E+00	-1.56E+00	40.41	8.18E-01	2.03E+00	
	-19.00	2.43E-05	-9.56E-07	-1.97E-05	1.56E-04	-6.02E-05	-1.52E-04	9.07E-05	-6.74E-05				
24	372.00	4.84E-01	-3.64E-01	-7.68E-01	5.21E+00	-7.48E-01	-5.55E+00	5.28E+00	-5.16E+00	42.67	4.84E-01	5.21E+00	
	-9.33	2.57E-05	-6.89E-06	-2.24E-05	4.00E-04	-5.76E-05	-4.27E-04	2.10E-04	-1.91E-04				
25	401.25	2.36E-01	-6.16E-02	-8.22E-01	1.72E+00	-2.52E-01	-2.31E+00	1.81E+00	-1.64E+00	42.52	-1.38E+00	8.95E-01	
	-19.00	1.62E-05	4.74E-06	-2.45E-05	1.32E-04	-1.94E-05	-1.78E-04	7.67E-05	-5.58E-05				
26	427.67	2.62E+00	2.53E+00	1.29E+00	5.86E+00	-1.02E+00	-7.87E+00	8.44E+00	-3.29E+00	44.77	6.08E+00	4.70E+00	
	-9.33	3.00E-05	2.65E-05	-2.11E-05	4.51E-04	-7.81E-05	-6.05E-04	2.54E-04	-1.97E-04				
27	457.00	4.21E-01	8.87E-01	4.21E-01	4.52E+00	2.92E-02	-4.84E+00	5.18E+00	-3.87E+00	46.47	4.21E-01	4.52E+00	
	-303.00	-3.31E-06	1.78E-05	-3.31E-06	4.11E-04	2.65E-06	-4.40E-04	2.13E-04	-1.98E-04				
28	457.00	3.71E-01	6.61E-01	1.30E-01	4.23E+00	4.15E-03	-4.43E+00	4.75E+00	-3.72E+00	45.98	3.71E-01	4.23E+00	
	-213.00	1.76E-06	1.49E-05	-9.17E-06	3.85E-04	3.78E-07	-4.03E-04	2.01E-04	-1.84E-04				
29	457.00	8.98E-01	5.94E-01	-2.95E-01	3.37E+00	1.73E-01	-3.67E+00	4.12E+00	-2.63E+00	43.71	8.98E-01	3.37E+00	
	-138.00	1.41E-05	7.22E-06	-1.30E-05	1.53E-04	7.67E-06	-1.67E-04	8.74E-05	-6.61E-05				
30	442.00	1.41E+00	3.22E+00	1.27E+00	5.80E+00	1.80E-01	-6.37E+00	8.19E+00	-3.56E+00	49.42	1.41E+00	5.80E+00	
	-68.00	-1.05E-05	5.89E-05	-1.60E-05	4.46E-04	1.38E-05	-4.90E-04	2.50E-04	-2.02E-04				
31	457.33	-6.80E+00	-2.92E+00	-4.36E+00	2.00E+00	3.16E+00	-3.39E+00	-2.07E+00	-7.65E+00	67.04	-2.92E+00	-2.00E+00	
	-88.00	-1.07E-04	4.24E-05	-1.30E-05	1.54E-04	2.42E-04	-2.61E-04	7.51E-05	-1.39E-04				
32	472.67	1.15E+01	1.01E+01	8.18E+00	4.97E+00	-1.88E+00	-8.08E+00	1.58E+01	5.79E+00	41.15	1.45E+01	3.36E+00	
	-68.00	1.14E-04	6.23E-05	-1.26E-05	3.82E-04	-1.45E-04	-6.21E-04	2.81E-04	-1.05E-04				
33	443.00	1.03E+00	9.08E-01	-1.41E-01	3.00E+00	-3.48E-01	-3.10E+00	3.97E+00	-2.03E+00	44.40	1.03E+00	3.00E+00	
	-19.50	2.00E-05	1.51E-05	-2.52E-05	2.30E-04	-2.68E-05	-2.38E-04	1.33E-04	-9.77E-05				
34	454.00	9.26E+00	7.24E+00	5.85E+00	7.51E+00	-2.24E+00	-1.00E+01	1.58E+01	6.70E-01	41.16	1.22E+01	6.44E+00	
	-11.33	1.11E-04	3.28E-05	-2.06E-05	5.78E-04	-1.72E-04	-7.70E-04	3.63E-04	-2.20E-04				
35	461.67	2.83E+00	3.75E+00	1.89E+00	7.10E+00	-5.67E-01	-1.04E+01	1.04E+01	-3.83E+00	46.86	2.83E+00	7.10E+00	
	-12.00	1.56E-05	5.12E-05	-2.02E-05	5.47E-04	-4.36E-05	-7.97E-04	3.07E-04	-2.40E-04				
36	469.00	-5.60E+00	-1.90E+00	-3.83E+00	6.94E-01	2.79E+00	-4.16E+00	-1.85E+00	-5.73E+00	79.50	-1.98E+00	-6.94E-01	
	-30.00	-8.99E-05	4.92E-05	-2.20E-05	5.34E-05	2.14E-04	-3.20E-04	5.41E-05	-9.48E-05				
37	476.33	4.84E+00	6.76E+00	3.85E+00	4.88E+00	-6.10E-01	-8.55E+00	1.08E+01	8.30E-01	50.57	6.82E+00	4.86E+00	
	-12.00	1.63E-05	9.02E-05	-2.16E-05	3.75E-04	-4.69E-05	-6.57E-04	2.44E-04	-1.38E-04				
38	558.50	-1.87E-01	2.29E-01	-5.94E-02	4.21E+00	1.49E-01	-4.62E+00	4.24E+00	-4.19E+00	46.41	-1.87E-01	4.21E+00	
	-303.00	-8.26E-06	1.06E-05	-2.47E-06	3.83E-04	1.36E-05	-4.20E-04	1.93E-04	-1.90E-04				
39	558.50	1.38E-01	8.72E-01	2.14E-01	4.19E+00	3.00E-01	-4.48E+00	4.71E+00	-3.70E+00	47.50	1.38E-01	4.19E+00	
	-213.00	-9.62E-06	2.37E-05	-6.18E-06	3.81E-04	2.73E-05	-4.07E-04	1.98E-04	-1.84E-04				
40	506.17	-1.13E-01	2.06E+00	-3.72E-02	9.39E+00	7.45E-01	-9.46E+00	1.04E+01	-8.48E+00	48.30	-1.13E-01	9.39E+00	
	-128.00	-1.26E-05	3.67E-05	-1.08E-05	4.27E-04	3.39E-05	-4.30E-04	2.27E-04	-2.03E-04				
41	558.50	-3.10E+00	1.30E+00	-8.25E-01	4.09E+00	2.45E+00	-5.84E+00	3.74E+00	-5.55E+00	59.14	1.30E+00	-4.09E+00	
	-148.00	-5.67E-05	4.33E-05	-4.98E-06	1.86E-04	1.11E-04	-2.65E-04	9.89E-05	-1.12E-04				
42	610.83	5.15E-01	2.21E+00	5.57E-01	8.09E+00	1.69E+00	-7.40E+00	9.50E+00	-6.77E+00	47.98	9.39E+00	-1.31E+00	
	-128.00	-5.48E-06	3.30E-05	-4.55E-06	3.68E-04	7.68E-05	-3.36E-04	1.99E-04	-1.71E-04				
43	501.38	-8.88E-01	-4.71E-02	-9.36E-01	2.15E+00	8.59E-01	-2.74E+00	1.72E+00	-2.66E+00	50.53	-6.88E-01	2.15E+00	
	-78.00	-1.36E-05	1.87E-05	-1.54E-05	1.65E-04	6.61E-05	-2.11E-04	8.48E-05	-8.16E-05				
44	534.[illegible]	1.41E+00	1.76E+00	9.17E-01	6.84E+00	5.27E-01	[illegible]52E+00	8.42E+00	-5.26E+00	45.73	8.35E+00	-1.01[illegible]	
	-68.[illegible]	9.30E-06	2.27E-05	-9.71E-06	5.26E-04	4.05E-05	[illegible]5E-04	2.79E-04	-2.47E-04				
45	58[illegible]	1.21E+00	-3.09E-01	-9.26E-01	6.43E+00	1.75E+0[illegible]	[illegible]9E+00	5.68E+00	-7.20E+00	47.00	-1.21E+00	6[illegible]	

	-68.[illegible]	[illegible].96E-05	1.50E-05	-8.78E-06	4.94E-04	1.34E-04	[illegible]E-04	2.45E-04	-2.50E-04				
46	610.8[illegible]	[illegible].62E+00	-1.35E+00	-3.10E+00	3.47E+00	3.20E+00	[illegible]6E+00	3.71E-01	-8.34E+00	63.64	-1.35E+00	-3.47E[illegible]	
	-89.00	-1.32E-04	7.08E-05	1.72E-07	2.67E-04	2.46E-04	-3.66E-04	1.37E-04	-1.98E-04				
47	482.63	-2.19E-01	4.88E-01	-8.38E-01	1.57E+00	8.46E-01	-3.13E+00	1.75E+00	-1.46E+00	51.34	-2.19E-01	1.57E+00	
	-21.00	-2.18E-06	2.50E-05	-2.60E-05	1.21E-04	6.51E-05	-2.40E-04	7.34E-05	-5.05E-05				
48	485.83	2.62E+00	3.96E+00	1.91E+00	4.55E+00	1.21E-01	-9.52E+00	7.89E+00	-1.31E+00	49.21	3.21E+00	4.60E+00	
	-12.00	7.30E-06	5.91E-05	-1.97E-05	3.50E-04	9.28E-06	-7.33E-04	2.10E-04	-1.44E-04				
49	507.88	-6.61E-02	-2.65E-02	-8.76E-01	1.71E+00	5.24E-01	-3.43E+00	1.66E+00	-1.76E+00	45.33	-6.61E-02	1.71E+00	
	-21.00	8.11E-06	9.63E-06	-2.31E-05	1.31E-04	4.03E-05	-2.64E-04	7.46E-05	-5.69E-05				
50	538.67	1.32E+00	1.05E+00	4.95E-01	6.06E+00	2.27E+00	-7.39E+00	7.27E+00	-4.90E+00	44.37	7.22E+00	-7.22E-01	
	-10.00	1.93E-05	8.92E-06	-1.25E-05	4.68E-04	1.75E-04	-5.68E-04	2.48E-04	-2.20E-04				
51	484.67	-1.95E+01	-1.35E+01	-1.43E+01	-4.23E-01	1.49E+00	-1.02E+00	-1.34E+01	-1.95E+01	-86.00	-1.35E+01	4.23E-01	
	8.00	-2.30E-04	1.45E-06	-3.14E-05	-3.25E-05	1.13E-04	-7.82E-05	2.59E-06	-2.31E-04				
52	507.00	4.75E+00	5.77E+00	3.30E+00	3.19E+00	1.04E+00	2.92E+00	8.49E+00	2.03E+00	49.55	7.78E+00	2.02E+00	
	0.00	3.07E-05	7.00E-05	-2.48E-05	2.45E-04	8.03E-05	2.25E-04	1.75E-04	-7.39E-05				
53	603.00	8.54E-02	2.20E-02	-2.77E-02	2.52E+00	1.17E+00	-2.41E+00	2.58E+00	-2.47E+00	44.64	-1.50E+00	1.99E+00	
	-18.00	2.41E-06	-2.95E-08	-1.94E-06	1.94E-04	9.02E-05	-1.86E-04	9.83E-05	-9.59E-05				
54	712.00	-2.69E-01	4.81E-01	8.67E-02	3.94E+00	3.53E-01	-3.82E+00	4.06E+00	-3.85E+00	47.72	-2.69E-01	3.94E+00	
	-303.00	-1.61E-05	1.80E-05	6.08E-08	3.58E-04	3.21E-05	-3.48E-04	1.81E-04	-1.79E-04				
55	712.00	-2.17E+00	-1.03E+00	-1.19E+00	4.32E+00	1.13E+00	-3.74E+00	2.75E+00	-5.96E+00	48.76	-2.17E+00	4.32E+00	
	-213.00	-4.17E-05	1.00E-05	3.14E-06	3.92E-04	1.02E-04	-3.40E-04	1.82E-04	-2.14E-04				
56	712.00	-2.95E+00	-1.33E+00	-8.64E-01	3.24E+00	2.64E+00	-2.87E+00	1.20E+00	-5.48E+00	52.02	-2.95E+00	3.24E+00	
	-138.00	-4.01E-05	-3.21E-06	7.33E-06	1.47E-04	1.20E-04	-1.30E-04	5.43E-05	-9.76E-05				
57	712.00	-8.02E-01	8.49E-02	2.23E-02	2.07E+00	1.09E+00	-2.30E+00	1.75E+00	-2.47E+00	51.06	-8.02E-01	2.07E+00	
	-78.00	-2.32E-05	1.09E-05	9.49E-06	1.59E-04	8.39E-05	-1.77E-04	7.51E-05	-8.74E-05				
58	712.00	-1.01E+00	-5.74E-01	-2.81E-01	2.78E+00	9.75E-01	-2.68E+00	2.00E+00	-3.59E+00	47.26	-1.01E+00	2.78E+00	
	-18.00	-1.84E-05	-1.55E-06	9.73E-06	2.14E-04	7.50E-05	-2.07E-04	9.74E-05	-1.17E-04				
59	837.00	-1.11E+01	-6.11E+00	-6.89E+00	3.29E+00	1.93E+00	-3.22E+00	-4.48E+00	-1.28E+01	63.66	-6.11E+00	-3.29E+00	
	-318.00	-1.92E-04	3.57E-05	.00E+00	2.99E-04	1.76E-04	-2.93E-04	1.10E-04	-2.66E-04				
60	867.00	-1.50E+00	3.55E-02	-5.85E-01	8.80E+00	7.78E-01	-7.07E+00	8.10E+00	-9.56E+00	47.49	7.39E+00	-3.46E+00	
	-288.00	-4.15E-05	2.82E-05	.00E+00	8.00E-04	7.07E-05	-6.43E-04	3.95E-04	-4.08E-04				
61	987.00	2.04E+00	1.47E+00	1.40E+00	8.92E+00	-3.62E-01	-6.38E+00	1.07E+01	-7.17E+00	44.09	2.04E+00	8.92E+00	
	-288.00	2.88E-05	3.08E-06	.00E+00	8.11E-04	-3.29E-05	-5.80E-04	4.22E-04	-3.90E-04				
62	1037.00	-1.09E+01	-6.51E+00	-6.98E+00	6.52E+00	1.52E+00	-5.06E+00	-1.84E+00	-1.56E+01	54.36	-6.51E+00	-6.52E+00	
	-318.00	-1.80E-04	2.11E-05	.00E+00	5.93E-04	1.38E-04	-4.60E-04	2.34E-04	-3.92E-04				
63	862.00	-2.17E-01	-3.43E-02	2.17E-01	4.45E+00	2.65E-01	-3.63E+00	4.33E+00	-4.58E+00	45.59	-2.17E-01	4.45E+00	
	-213.00	-9.42E-06	-1.12E-06	1.03E-05	4.05E-04	2.41E-05	-3.30E-04	1.97E-04	-2.08E-04				
64	1012.00	6.14E-01	4.59E-01	7.75E-01	4.78E+00	-7.91E-02	-3.60E+00	5.32E+00	-4.24E+00	44.54	6.14E-01	4.78E+00	
	-213.00	3.91E-06	-3.14E-06	1.12E-05	4.35E-04	-7.19E-06	-3.28E-04	2.18E-04	-2.17E-04				
65	837.00	-9.84E-02	-2.43E-01	8.99E-01	3.41E+00	1.03E+00	-3.86E+00	3.24E+00	-3.58E+00	44.39	-2.43E-01	-3.41E+00	
	-148.00	-5.16E-06	-8.45E-06	1.75E-05	1.55E-04	4.68E-05	-1.76E-04	7.06E-05	-8.42E-05				
66	937.00	-6.05E-01	-1.00E-01	6.83E-01	5.91E+00	5.67E-01	-4.41E+00	5.57E+00	-6.27E+00	46.22	3.91E+00	-4.11E+00	
	-128.00	-1.36E-05	-2.16E-06	1.56E-05	2.69E-04	2.58E-05	-2.01E-04	1.27E-04	-1.42E-04				
67	1037.00	-5.59E+00	-1.14E+00	-1.05E+00	5.72E+00	2.01E+00	-5.13E+00	2.77E+00	-9.50E+00	55.62	-1.14E+00	-5.72E+00	
	-148.00	-8.62E-05	1.48E-05	1.70E-05	2.60E-04	9.12E-05	-2.33E-04	1.04E-04	-1.75E-04				
68	837.00	-1.86E+00	-1.58E+00	-8.56E-01	6.44E+00	1.18E+00	-4.93E+00	4.72E+00	-8.16E+00	45.62	-1.86E+00	6.44E+00	
	-68.00	-2.44E-05	-1.36E-05	1.44E-05	4.95E-04	9.04E-05	-3.79E-04	2.29E-04	-2.67E-04				
69	937.00	-2.21E+00	4.27E-01	7.90E-02	3.54E+00	1.21E+00	-3.08E+00	2.89E+00	-4.67E+00	55.20	4.27E-01	-3.54E+00	
	-88.00	-6.62E-05	3.51E-05	2.17E-05	2.72E-04	9.28E-05	-2.37E-04	1.30E-04	-1.61E-04				
70	1037.00	2.12E-02	9.38E-01	1.10E+00	6.02E+00	-3.05E-01	-6.42E+00	6.52E+00	-5.56E+00	47.18	4.96E+00	-4.04E+00	
	-68.00	-2.19E-05	1.35E-05	1.96E-05	4.63E-04	-2.35E-05	-4.94E-04	2.28E-04	-2.36E-04				
71	862.00	-1.46E+00	-8.08E-01	-1.84E-01	2.75E+00	1.02E+00	-2.58E+00	1.63E+00	-3.90E+00	48.36	-1.46E+00	2.75E+00	
	-18.00	-2.91E-05	-4.19E-06	1.98E-05	2.11E-04	7.85E-05	-1.99E-04	8.97E-05	-1.23E-04				
72	1012.00	4.73E-01	7.47E-01	1.29E+00	2.98E+00	-1.45E-01	-2.29E+00	3.60E+00	-2.38E+00	46.31	4.73E-01	2.98E+00	
	-18.00	-9.43E-06	1.10E-06	2.21E-05	2.29E-04	-1.11E-05	-1.76E-04	1.11E-04	-1.19E-04				
73	1387.00	6.12E-01	6.61E-01	6.35E-01	3.51E+00	1.41E-02	-2.14E+00	4.14E+00	-2.87E+00	45.20	6.12E-01	3.51E+00	
	-303.00	3.03E-06	5.28E-06	4.07E-06	3.19E-04	1.28E-06	-1.94E-04	1.64E-04	-1.55E-04				
74	1387.00	8.13E-02	-5.43E-02	4.06E-01	3.73E+00	9.38E-02	-2.14E+00	3.74E+00	-3.71E+00	44.48	8.13E-02	3.73E+00	
	-213.00	-1.93E-06	-8.09E-06	1.28E-05	3.39E-04	8.53E-06	-1.95E-04	1.64E-04	-1.74E-04				
75	1387.00	-6.25E-02	2.83E-01	1.14E+00	2.75E+00	2.92E-01	-1.43E+00	2.86E+00	-2.64E+00	46.80	-6.25E-02	2.75E+00	
	-138.00	-8.56E-06	-7.05E-07	1.88E-05	1.25E-04	1.33E-05	-6.49E-05	5.80E-05	-6.72E-05				
76	1187.00	-1.13E+00	-5.07E-01	-1.51E-01	4.14E+00	8.34E-01	-1.26E+00	3.18E+00	-5.11E+00	46.12	-1.13E+00	4.14E+00	
	-68.00	-2.05E-05	-8.09E-06	1.71E-05	3.19E-04	6.42E-05	-9.71E-05	1.45E-04	-1.74E-04				
77	1387.00	-1.28E+00	-9.30E-01	4.34E-02	2.17E+00	6.12E-01	-1.61E+00	1.07E+00	-3.28E+00	47.29	-9.30E-01	-2.17E+00	

	-88.00	-2.53E-05	-1.20E-05	2.54E-05	1.67E-04	4.71E-05	-1.24E-04	6.50E-05	-1.02E-04					
78	1587.00	-2.30E-01	-1.14E-01	6.72E-01	2.67E+00	-4.79E-02	-6.14E-01	2.50E+00	-2.84E+00	45.62	9.07E-01	-2.44E+00		
	-68.00	-1.25E-05	-7.09E-06	2.22E-05	2.05E-04	-3.69E-06	-6.26E-05	5.24E-05	-1.13E-04					
79	1237.00	-1.66E+00	-6.24E-01	-2.99E-02	2.31E+00	6.36E-01	-1.33E+00	1.23E+00	-3.51E+00	51.31	-1.66E+00	2.31E+00		
	-18.00	-2.94E-05	1.43E-06	2.43E-05	1.78E-04	6.43E-05	-1.02E-04	7.27E-05	-1.10E-04					
80	1433.80	-1.00E+00	-3.54E-01	3.94E-01	2.72E+00	3.45E-01	-5.75E-01	2.06E+00	-3.41E+00	48.40	-1.00E+00	2.72E+00		
	-8.00	-2.80E-05	-3.04E-06	2.57E-05	2.09E-04	2.66E-05	-7.50E-05	8.98E-05	-1.21E-04					
81	1533.80	-1.64E+00	-3.84E-01	1.10E-01	1.61E+00	2.48E-01	-6.15E-01	7.18E-01	-2.74E+00	55.63	-3.84E-01	-1.61E+00		
	-28.00	-4.20E-05	6.25E-06	2.52E-05	1.24E-04	1.91E-05	-4.73E-05	4.87E-05	-8.44E-05					
82	1633.80	-1.67E+00	-5.35E-01	-2.00E-02	5.61E-01	-5.84E-02	-8.66E-02	-3.04E-01	-1.90E+00	67.69	-3.06E-01	-4.75E-02		
	-8.00	-3.98E-05	3.91E-06	2.37E-05	4.32E-05	-4.49E-06	-6.66E-06	1.28E-05	-4.87E-05					
83	1433.80	-6.88E+00	-2.97E+00	-2.88E+00	1.80E+00	1.91E+00	-7.58E-01	-2.27E+00	-7.58E+00	68.67	-2.97E+00	-1.80E+00		
	27.60	-1.25E-04	2.57E-05	2.91E-05	1.39E-04	1.47E-04	-5.83E-05	5.27E-05	-1.52E-04					
84	1296.10	-2.43E+00	-3.08E-01	-6.62E-02	1.95E+00	9.41E-01	-1.03E+00	8.47E-01	-3.59E+00	59.31	-1.50E+00	-2.21E+00		
	40.70	-6.27E-05	1.90E-05	2.83E-05	1.50E-04	7.24E-05	-7.90E-05	6.34E-05	-1.07E-04					
85	1148.60	-1.09E+00	4.75E-01	5.89E-01	2.54E+00	1.03E+00	-4.20E-01	2.35E+00	-2.97E+00	53.58	1.93E+00	1.44E+00		
	57.33	-4.17E-05	1.86E-05	2.30E-05	1.95E-04	7.94E-05	-3.23E-05	5.07E-05	-1.14E-04					
86	1131.40	-8.68E+00	-4.24E+00	-3.86E+00	9.25E-01	3.54E+00	-5.09E-02	-4.05E+00	-8.87E+00	78.70	-4.24E+00	-9.25E-01		
	112.00	-1.50E-04	2.14E-05	3.59E-05	7.12E-05	2.72E-04	-3.91E-06	2.85E-05	-1.57E-04					
87	1019.80	-2.51E+00	-8.67E-01	-4.08E-01	2.74E+00	1.40E+00	-4.13E+00	1.17E+00	-4.54E+00	53.35	-8.67E-01	-2.74E+00		
	34.67	-5.49E-05	8.24E-06	2.59E-05	2.10E-04	1.08E-04	-3.18E-04	8.65E-05	-1.33E-04					
88	886.60	-1.20E+00	-3.76E-01	1.29E-01	2.19E+00	6.79E-01	-2.38E+00	1.44E+00	-3.02E+00	50.35	-1.20E+00	2.19E+00		
	46.00	-3.04E-05	1.48E-06	2.09E-05	1.69E-04	5.23E-05	-1.83E-04	7.14E-05	-1.00E-04					
89	869.80	-5.72E+00	-2.49E+00	-2.32E+00	1.15E+00	2.08E+00	-7.33E-01	-2.12E+00	-6.09E+00	72.28	-2.49E+00	-1.15E+00		
	96.00	-1.04E-04	1.99E-05	2.67E-05	8.85E-05	1.60E-04	-5.64E-05	3.40E-05	-1.19E-04					
90	952.60	-9.11E-01	2.78E+00	1.63E+00	3.36E+00	1.04E+00	-2.42E+00	4.77E+00	-2.90E+00	59.40	3.90E+00	-2.43E+00		
	128.00	-7.36E-05	6.85E-05	2.43E-05	2.58E-04	7.97E-05	-1.86E-04	1.45E-04	-1.50E-04					
91	869.80	-1.65E+00	-2.53E-01	-1.16E-03	1.47E+00	1.09E+00	-4.46E-01	6.81E-01	-2.58E+00	57.64	-1.65E+00	1.47E+00		
	160.00	-4.24E-05	1.12E-05	2.08E-05	1.13E-04	8.42E-05	-3.43E-05	4.71E-05	-7.84E-05					
92	869.80	-7.91E+00	-2.61E+00	-2.96E+00	7.75E-01	3.95E+00	-9.21E-01	-2.50E+00	-8.02E+00	61.84	-2.61E+00	-7.75E-01		
	203.60	-1.56E-04	4.76E-05	3.43E-05	5.96E-05	3.04E-04	-7.08E-05	5.19E-05	-1.60E-04					
93	598.67	2.72E-01	1.69E-02	2.55E-01	4.35E+00	2.73E+00	-5.08E+00	4.49E+00	-4.20E+00	44.16	1.69E-02	-4.35E+00		
	16.00	4.49E-06	-5.33E-06	3.84E-06	3.34E-04	2.10E-04	-3.91E-04	1.67E-04	-1.68E-04					
94	645.75	-7.71E-01	-4.06E-01	-2.79E-01	2.78E+00	1.11E+00	-2.42E+00	2.20E+00	-3.38E+00	46.88	-7.71E-01	2.78E+00		
	24.00	-1.36E-05	3.99E-07	5.25E-06	2.14E-04	8.57E-05	-1.86E-04	1.01E-04	-1.14E-04					
95	613.10	-1.13E+00	-1.68E+00	-1.13E+00	4.75E+00	1.13E+00	-4.32E-01	3.35E+00	-6.16E+00	43.35	-1.13E+00	4.75E+00		
	60.33	-1.28E-07	-2.12E-05	-2.66E-07	3.65E-04	8.66E-05	-3.32E-05	1.72E-04	-1.94E-04					
96	708.45	-1.49E+00	-3.18E-01	-2.28E-01	2.23E+00	1.14E+00	-1.86E+00	1.41E+00	-3.20E+00	52.27	-1.71E+00	-2.16E+00		
	56.00	-3.46E-05	1.00E-05	1.34E-05	1.72E-04	8.80E-05	-1.43E-04	7.65E-05	-1.01E-04					
97	613.10	-4.27E+00	-1.89E+00	-1.91E+00	1.49E+00	3.68E+00	-1.16E+00	-1.17E+00	-4.99E+00	64.34	-1.89E+00	-1.49E+00		
	96.00	-7.57E-05	1.61E-05	1.53E-05	1.15E-04	2.83E-04	-8.92E-05	4.36E-05	-1.03E-04					
98	682.27	-1.56E+00	-4.43E-01	-3.00E-01	3.05E+00	1.14E+00	-1.92E+00	2.10E+00	-4.16E+00	50.18	1.72E+00	-1.49E+00		
	112.00	-3.47E-05	8.26E-06	1.38E-05	2.35E-04	8.74E-05	-1.48E-04	1.06E-04	-1.32E-04					
99	751.43	-4.96E+00	1.22E+00	-7.45E-01	3.42E+00	2.75E+00	-4.48E+00	2.74E+00	-6.46E+00	66.02	1.22E+00	-3.42E+00		
	96.00	-1.41E-04	9.61E-05	2.07E-05	2.63E-04	2.12E-04	-3.45E-04	1.55E-04	-2.00E-04					
100	683.25	-1.30E+00	-2.29E-01	-2.71E-02	1.13E+00	8.74E-01	-1.58E+00	4.89E-01	-2.02E+00	57.66	-1.30E+00	1.13E+00		
	152.00	-3.30E-05	8.32E-06	1.61E-05	8.73E-05	6.73E-05	-1.21E-04	3.60E-05	-6.06E-05					
101	648.67	-6.94E+00	-3.24E+00	-3.27E+00	6.75E-01	2.48E+00	-9.44E-01	-3.12E+00	-7.06E+00	79.98	-3.24E+00	-6.75E-01		
	192.00	-1.19E-04	2.32E-05	2.21E-05	5.19E-05	1.90E-04	-7.26E-05	2.77E-05	-1.24E-04					
102	725.25	-1.03E+00	6.39E-01	5.24E-01	1.24E+00	6.64E-01	-1.16E+00	1.30E+00	-1.69E+00	61.95	-1.42E-01	-1.49E+00		
	232.70	-4.10E-05	2.31E-05	1.87E-05	9.55E-05	5.10E-05	-8.89E-05	4.86E-05	-6.65E-05					
103	635.50	-1.07E+00	-1.27E+00	-4.11E-01	-5.42E-03	5.18E-01	4.09E-01	-1.07E+00	-1.27E+00	-1.57	-1.07E+00	-5.42E-03		
	256.00	-1.10E-05	-1.86E-05	1.44E-05	-4.17E-07	3.99E-05	3.14E-05	-1.10E-05	-1.86E-05					
104	635.50	-2.43E+00	-1.67E+00	-7.90E-01	-1.14E-01	1.80E+00	-7.86E-02	-1.65E+00	-2.45E+00	-61.67	-1.67E+00	1.14E-01		
	290.67	-3.99E-05	-1.05E-05	2.34E-05	-8.79E-06	1.38E-04	-6.04E-06	-9.82E-06	-4.05E-05					
105	560.00	6.92E-01	9.82E-02	1.04E-01	4.59E+00	1.52E+00	-4.30E+00	4.95E+00	-4.20E+00	43.15	6.92E-01	4.59E+00		
	16.50	1.68E-05	-6.05E-06	-5.82E-06	3.53E-04	1.17E-04	-3.31E-04	1.82E-04	-1.72E-04					
106	508.50	8.82E+00	5.91E+00	5.53E+00	3.21E+00	3.56E+00	-1.28E+00	1.09E+01	3.84E+00	32.85	5.91E+00	-3.21E+00		
	13.00	1.16E-04	4.60E-06	-9.90E-06	2.47E-04	2.74E-04	-9.81E-05	1.96E-04	-7.50E-05					
107	521.00	2.46E+00	1.24E+00	8.34E-01	4.46E+00	1.26E+00	-2.37E+00	6.35E+00	-2.65E+00	41.11	2.46E+00	4.46E+00		
	15.75	4.47E-05	-2.12E-06	-1.77E-05	3.43E-04	9.70E-05	-1.82E-04	1.94E-04	-1.52E-04					
108	526.25	2.11E+00	1.04E+00	7.32E-01	4.92E+00	1.07E+00	-2.46E+00	6.53E+00	-3.37E+00	41.89	2.11E+00	4.92E+00		
	21.00	[illegible]86E-05	-2.65E-06	-1.44E-05	3.79E-04	8.23E-05	[illegible]E-04	2.08E-04	-1.72E-04					
109	515	[illegible]46E+00	3.70E+00	3.53E+00	6.03E+00	2.51E+00	[illegible]E+00	1.07E+01	-1.51E+00	40.83	3.70E+00	-6.0[illegible]		

	26.	7.07E-05	2.71E-06	-3.70E-06	4.64E-04	1.53E-04	[illegible]3E-05	2.71E-04	-1.98E-04				
110	531.	8.00E-01	5.70E-01	2.56E-01	4.03E+00	7.57E-01	[illegible]2E+00	4.72E+00	-3.34E+00	44.21	8.00E-01	4.03	
	34.50	1.28E-05	4.28E-06	-8.10E-06	3.10E-04	5.82E-05	-1.63E-04	1.63E-04	-1.46E-04				
111	515.50	-3.06E+00	-4.75E+00	-3.59E+00	1.17E+01	5.59E-01	3.43E-01	7.83E+00	-1.57E+01	42.96	-3.08E+00	1.17E+01	
	44.00	7.06E-06	-5.71E-05	-1.27E-05	9.01E-04	4.60E-05	2.64E-05	4.26E-04	-4.77E-04				
112	515.50	-1.32E+00	-7.18E-01	-8.26E-01	2.72E+00	1.46E+00	-1.05E+00	1.71E+00	-3.75E+00	48.15	-7.18E-01	-2.72E+00	
	53.33	-1.02E-05	3.82E-06	-3.17E-07	2.09E-04	1.12E-04	-8.06E-05	9.74E-05	-1.13E-04				
113	547.50	-1.54E+00	9.54E-01	-2.44E-01	4.35E+00	8.82E-01	-4.45E+00	4.23E+00	-4.81E+00	52.99	2.30E+00	-3.71E+00	
	64.00	-5.00E-05	4.58E-05	-2.08E-07	3.34E-04	6.79E-05	-3.42E-04	1.72E-04	-1.76E-04				
114	515.50	-3.62E+00	-4.11E+00	-3.18E+00	4.88E+00	3.40E-01	-1.03E+00	1.02E+00	-8.75E+00	43.56	-3.62E+00	4.88E+00	
	74.67	-1.93E-05	-3.82E-05	-2.49E-06	3.75E-04	2.62E-05	-7.95E-05	1.59E-04	-2.17E-04				
115	515.50	-7.42E+00	-4.60E+00	-4.76E+00	1.77E+00	1.12E+00	-9.91E-01	-3.74E+00	-8.27E+00	64.29	-4.60E+00	-1.77E+00	
	88.00	-1.01E-04	7.49E-06	1.36E-06	1.36E-04	8.61E-05	-7.62E-05	4.02E-05	-1.34E-04				
116	547.50	-4.17E+00	-2.11E-01	-1.71E+00	5.47E+00	7.66E-01	-3.31E+00	3.63E+00	-8.01E+00	54.95	2.13E+00	-3.90E+00	
	104.00	-9.36E-05	5.88E-05	1.28E-06	4.21E-04	5.89E-05	-2.55E-04	2.07E-04	-2.41E-04				
117	515.50	-1.35E+00	-1.30E+00	-8.57E-01	3.91E+00	9.89E-02	-1.70E+00	2.58E+00	-5.23E+00	45.18	-1.35E+00	3.91E+00	
	120.00	-1.33E-05	-1.14E-05	5.50E-06	3.01E-04	7.60E-06	-1.31E-04	1.38E-04	-1.63E-04				
118	515.50	-5.10E+00	-3.06E+00	-2.95E+00	1.51E+00	5.72E-01	-8.34E-01	-2.25E+00	-5.90E+00	62.14	-3.04E+00	-1.51E+00	
	136.00	-7.42E-05	4.87E-06	8.41E-06	1.16E-04	4.40E-05	-6.42E-05	3.55E-05	-1.05E-04				
119	547.50	-3.63E+00	-1.01E+00	-1.57E+00	3.62E+00	4.07E-01	-1.81E+00	1.53E+00	-6.17E+00	54.94	5.43E-01	-2.58E+00	
	152.00	-7.14E-05	2.94E-05	7.92E-06	2.79E-04	3.13E-05	-1.39E-04	1.27E-04	-1.69E-04				
120	515.50	-1.72E+00	-1.37E+00	-7.85E-01	2.58E+00	7.16E-02	-9.03E-01	1.04E+00	-4.13E+00	46.96	-1.72E+00	2.58E+00	
	168.00	-2.36E-05	-1.01E-05	1.24E-05	1.99E-04	5.51E-06	-6.94E-05	8.27E-05	-1.16E-04				
121	515.50	-6.69E+00	-4.04E+00	-3.78E+00	1.18E+00	6.31E-01	-6.21E-01	-3.59E+00	-7.14E+00	69.18	-4.04E+00	-1.18E+00	
	184.00	-9.79E-05	4.04E-06	1.40E-05	9.05E-05	4.65E-05	-4.78E-05	2.13E-05	-1.15E-04				
122	547.50	-2.16E+00	1.34E+00	1.50E-01	4.03E+00	3.50E-01	-2.62E+00	3.98E+00	-4.80E+00	56.74	3.03E+00	-2.73E+00	
	200.00	-7.57E-05	5.89E-05	1.32E-05	3.10E-04	2.69E-05	-2.02E-04	1.60E-04	-1.77E-04				
123	515.50	9.72E-01	1.69E+00	1.73E+00	1.84E+00	-2.56E-01	-1.19E+00	3.21E+00	-5.49E-01	50.48	9.72E-01	1.84E+00	
	216.00	-1.09E-05	1.66E-05	1.84E-05	1.42E-04	-1.97E-05	-9.19E-05	7.51E-05	-6.94E-05				
124	515.50	-1.97E+00	-9.87E-01	-5.34E-01	4.70E-01	-2.27E-01	-4.12E-01	-7.98E-01	-2.16E+00	68.07	-9.87E-01	-4.70E-01	
	232.00	-3.73E-05	3.42E-07	1.78E-05	3.62E-05	-1.75E-05	-3.17E-05	7.63E-06	-4.46E-05				
125	547.50	-8.61E-01	-2.13E-01	1.80E-01	9.42E-01	-1.61E-01	-1.53E+00	4.59E-01	-1.53E+00	54.49	1.92E-01	-6.78E-01	
	248.00	-2.33E-05	1.63E-06	1.67E-05	7.24E-05	-1.23E-05	-1.17E-04	2.75E-05	-4.91E-05				
126	515.50	1.82E+00	2.69E+00	2.54E+00	-2.39E-01	-5.27E-01	-1.41E+00	2.75E+00	1.76E+00	-75.62	1.82E+00	-2.39E-01	
	264.00	-7.44E-06	2.60E-05	2.01E-05	-1.84E-05	-4.05E-05	-1.09E-04	2.84E-05	-9.80E-06				
127	515.50	-8.91E-01	-4.06E-01	2.24E-02	1.65E-01	-9.83E-01	-2.38E-01	-3.55E-01	-9.32E-01	72.63	-4.06E-01	-1.65E-01	
	276.00	-2.00E-05	-1.73E-06	1.48E-05	1.27E-05	-7.56E-05	-1.83E-05	2.52E-07	-2.20E-05				
128	531.50	8.59E-01	5.40E-01	1.17E+00	9.45E-02	-4.71E-01	-1.42E-01	8.85E-01	5.14E-01	15.31	8.59E-01	9.45E-02	
	297.00	4.76E-06	-7.51E-06	1.69E-05	7.27E-06	-3.62E-05	-1.09E-05	5.76E-06	-8.50E-06				
129	515.50	3.62E+00	3.06E+00	3.33E+00	-6.89E-01	-5.03E-01	-8.84E-01	4.08E+00	2.55E+00	-33.94	3.62E+00	-6.89E-01	
	320.00	2.02E-05	7.65E-06	1.81E-05	-5.30E-05	-3.87E-05	-6.80E-05	4.70E-05	-1.02E-05				
130	565.50	1.40E-01	-1.32E-02	-3.81E-01	6.87E+00	2.00E+00	-5.37E+00	6.93E+00	-6.80E+00	44.68	1.40E-01	6.87E+00	
	-P.00	8.18E-06	2.23E-06	-1.19E-05	5.28E-04	1.54E-04	-4.13E-04	2.69E-04	-2.55E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.6645E+02	-.4177E+03	.1220E+03	.7221E+02	.1681E+03	-.1139E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1011E+02	.4600E+01	.2136E+01	.5424E+02	-.4517E+02	-.5863E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.0156E+01	-.1548E+01	.1019E+01	.1038E+03	-.1016E+03	-.1067E+03

15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1282E+02	.2503E+01	.2545E+00	.1454E+03	-.1569E+03	-.1562E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1437E+02	-.2144E+01	.2011E+00	.1876E+02	-.2158E+03	-.2102E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.3206E+00	-.1205E+01	.8833E+00	.2522E+03	-.2735E+03	-.2751E+03
25	.3109E+02	.5058E+01	.2212E+00	.3147E+03	-.3014E+03	-.3385E+03
26	-.1894E+02	-.2230E+01	.8147E-01	.3405E+03	-.3188E+03	-.3849E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1564E+03	-.3069E+02	.5660E+01	.3484E+03	-.4402E+03	-.4224E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2899E+04	.4967E+03	-.1565E+02	.4933E+03	-.1174E+04	-.6691E+03
40	.1961E+04	.3055E+03	.8605E+01	.4632E+03	-.1159E+04	-.6132E+03
41	.1256E+04	.1636E+03	.2789E+02	.3997E+03	-.1051E+04	-.5320E+03
42	.2828E+03	.1705E+02	.2453E+02	.3488E+03	-.7478E+03	-.4636E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2836E+04	-.3668E+03	-.1529E+02	.7150E+02	-.1236E+04	.3508E+03
48	-.2455E+04	-.3182E+03	-.1720E+02	.1702E+03	-.1142E+04	.2510E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.4445E+04	-.6771E+03	-.2091E+02	-.4762E+02	-.8424E+03	.1045E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1151E+02	.2485E+02	-.8182E+00	.4024E+02	-.1216E+04	.3301E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3045E+04	-.4626E+03	-.2077E+02	.9497E+01	-.6804E+03	.9820E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2135E+04	-.3257E+03	-.2784E+02	.5009E+01	-.6394E+03	.9542E+03
66	-.7232E+03	-.1130E+03	-.3504E+02	-.3145E+01	-.5318E+03	.9937E+03
67	.1455E+04	.2146E+03	-.3513E+02	-.1065E+01	-.4216E+03	.9917E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2589E+04	.3851E+03	-.2958E+02	.1191E+03	-.3272E+03	.9944E+03
	-.2793E+03	-.4407E+02	-.2044E+02	.15[illegible]03	-.2068E+03	.1008E+04
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1000E+04	.1625E+03	-.1507E+02	.1825E+03	-.4413E+02	.9729E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4568E+03	-.6837E+02	-.1087E+02	.2464E+03	.5242E+02	.9496E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.6393E+03	.9742E+02	-.9698E+01	.1956E+03	.1870E+03	.8775E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.4142E+03	-.5978E+02	-.8100E+01	.1725E+03	.2683E+03	.8010E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4767E+03	.7495E+02	-.8254E+01	.1720E+03	.3813E+03	.7212E+03
109	-.2807E+03	-.3793E+02	-.7167E+01	.1723E+03	.4574E+03	.6237E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3998E+03	.6510E+02	-.6978E+01	.1048E+03	.5436E+03	.5192E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2201E+03	.3859E+02	-.1497E+01	.6122E+02	.5845E+03	.4110E+03
115	.5658E+02	.1438E+02	.2352E+00	.2080E+02	.5903E+03	.2986E+03
116	.1975E+03	.3628E+02	.2009E+01	-.5704E+01	.6208E+03	.2282E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1954E+03	.3634E+02	.3991E+01	.2775E+02	.6398E+03	.2001E+03
119	.1282E+03	.2575E+02	.5855E+01	-.5150E+02	.5838E+03	.1171E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3565E+03	.4664E+02	.2161E+02	-.4916E+02	.5086E+03	.6316E+02
122	.3021E+03	.2295E+02	.3654E+02	.1782E+02	.4921E+03	.6228E+02
123	.2302E+03	.1529E+02	.3225E+02	.1267E+02	.4304E+03	.5621E+02
124	.1688E+03	.1092E+02	.2224E+02	.9098E+01	.3549E+03	.5130E+02
125	.1119E+03	.5574E+01	.1630E+02	.6132E+01	.2939E+03	.4662E+02
126	.3637E+02	-.6318E+01	.1520E+02	.2360E+01	.2480E+03	.4160E+02
127	-.1944E+02	-.1568E+02	.1554E+02	-.2304E+00	.2126E+03	.3520E+02
128	-.7676E+02	-.2346E+02	.1492E+02	-.6338E+01	.1399E+03	.2796E+02
129	-.7834E+02	-.2043E+02	.1261E+02	-.9164E+01	.8112E+02	.2157E+02
130	-.5470E+02	-.1258E+02	.9325E+01	-.9742E+01	.3767E+02	.1707E+02
131	-.1455E+02	-.2284E+01	.6366E+01	-.9493E+01	.1385E+02	.1425E+02
132	.1423E+01	.1044E+01	.4706E+01	-.5520E+01	.1437E+02	.1226E+02
133	.2792E+01	.8679E+00	.4303E+01	-.3754E+01	.1619E+02	.1030E+02
134	.7765E+00	.2578E+00	.4286E+01	-.2867E+01	.1366E+02	.8099E+01
135	.2054E-01	.2079E-01	.4819E+01	-.2199E+01	.9660E+01	.5968E+01
136	-.2021E-01	.2740E-01	.6401E+01	-.1552E+01	.6258E+01	.3984E+01
137	-.1143E+00	-.3782E-01	.1002E+02	-.1112E+01	.2831E+01	.2181E+01
138	.3819E-01	.2138E+00	.1629E+03	-.7830E+00	-.7615E+00	.1103E+01
139	.1581E+00	.2563E+00	-.4307E+02	-.1204E+00	.4118E+00	-.4230E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.39619E-01	-.22546E-03	.39150E-01	.00000E+00
3	-.71493E-01	-.76765E-03	.71406E-01	.00000E+00
4	-.77648E-01	-.76187E-03	.77468E-01	.00000E+00
5	-.83981E-01	-.18315E-04	.84016E-01	.00000E+00
6	-.95379E-01	.10365E-04	.95365E-01	-.18443E-04
7	-.97277E-01	-.15458E-02	.98499E-01	.00000E+00
8	-.95466E-01	-.11289E-02	.96010E-01	-.39161E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.39828E-01	-.43090E-03	.39267E-01	.00000E+00
11	-.72045E-01	-.94930E-03	.73215E-01	.00000E+00
12	-.80448E-01	-.11094E-02	.81836E-01	.00000E+00
13	-.87283E-01	-.88381E-03	.88031E-01	.00000E+00
14	-.96255E-01	-.12307E-02	.97716E-01	-.94537E-05
15	-.88509E-01	-.22550E-02	.92748E-01	.00000E+00
16	-.97134E-01	-.19693E-02	.10051E+00	.34048E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.39260E-01	-.61921E-03	.41083E-01	.00000E+00
19	-.73522E-01	-.12136E-02	.77262E-01	.00000E+00
20	-.82339E-01	-.15597E-02	.86751E-01	.00000E+00
21	-.89480E-01	-.10471E-02	.93547E-01	.00000E+00
22	-.98340E-01	-.13294E-02	.10452E+00	-.31288E-05
23	-.91988E-01	-.33008E-02	.10161E+00	.00000E+00
24	-.99837E-01	-.29004E-02	.10953E+00	-.32853E-04
25	-.10088E+00	-.37108E-02	.11281E+00	-.31119E-06
26	-.10149E+00	-.35360E-02	.11475E+00	.10705E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.39418E-01	-.11692E-02	.42805E-01	.00000E+00
29	-.75358E-01	-.23111E-02	.81577E-01	.00000E+00
30	-.84344E-01	-.27012E-02	.92676E-01	.00000E+00
31	-.92765E-01	-.33338E-02	.10337E+00	.00000E+00
32	-.10213E+00	-.40091E-02	.11689E+00	-.89145E-04
33	-.92549E-01	-.49165E-02	.10355E+00	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.39178E-01	-.17267E-02	.43005E-01	.00000E+00
36	-.76014E-01	-.28575E-02	.82770E-01	.00000E+00
37	-.85347E-01	-.32163E-02	.92555E-01	.00000E+00
38	-.95378E-01	-.40924E-02	.10745E+00	.00000E+00
39	-.10331E+00	-.56135E-02	.12058E+00	.58033E-04
40	-.10311E+00	-.59224E-02	.11973E+00	.14724E-05
41	-.10292E+00	-.57118E-02	.11893E+00	-.37125E-04
42	-.10260E+00	-.50358E-02	.11802E+00	-.73716E-04
43	-.84656E-01	-.41127E-02	.91516E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.36794E-01	.31688E-03	.39890E-01	.00000E+00
46	-.76020E-01	-.24329E-02	.80364E-01	.00000E+00
47	-.10341E+00	-.51392E-02	.12091E+00	.53483E-04
48	-.10338E+00	-.53717E-02	.12087E+00	.80586E-04
49	-.95275E-01	-.42380E-02	.10659E+00	.00000E+00
50	-.10436E+00	-.53772E-02	.12132E+00	.23475E-03
51	-.96247E-01	-.46364E-02	.10479E+00	.00000E+00
52	-.10797E+00	-.47105E-02	.11485E+00	.00000E+00
53	-.10349E+00	-.48191E-02	.12110E+00	.13333E-04
54	-.84392E-01	-.24259E-02	.85882E-01	.00000E+00
55	-.94773E-01	-.38660E-02	.95084E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.31728E-01	-.33907E-02	.30204E-01	.00000E+00
58	-.68285E-01	-.20801E-02	.58318E-01	.00000E+00
59	-.11013E+00	-.35337E-02	.10981E+00	.00000E+00
60	-.10822E+00	-.45318E-02	.11192E+00	.00000E+00
[illegible]	-.10527E+00	-.53303E-02	.12162E+00	[illegible]125E-03
[illegible]	-.60230E-01	-.13323E-02	.70450E-01	[illegible]00E+00

	-.93881E-01	-.11347E-02	.94032E-01	.00000E+00
	-.11020E+00	-.46995E-02	.11642E+00	.00000E+00
65	-.10649E+00	-.54040E-02	.12190E+00	.44868E-03
66	-.10952E+00	-.54257E-02	.12247E+00	.54487E-03
67	-.11275E+00	-.54385E-02	.12308E+00	.51951E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.25068E-01	.46547E-03	.18919E-01	.00000E+00
70	-.72437E-01	-.36985E-03	.60901E-01	.00000E+00
71	-.10751E+00	-.11223E-02	.97131E-01	.00000E+00
72	-.11322E+00	-.43724E-02	.11688E+00	.00000E+00
73	-.89286E-01	-.62041E-03	.71427E-01	.00000E+00
74	-.12016E+00	-.44974E-02	.12191E+00	.00000E+00
75	-.11557E+00	-.54523E-02	.12362E+00	.30546E-03
76	-.11930E+00	-.55761E-02	.12463E+00	.27670E-03
77	-.10269E+00	-.50354E-04	.85084E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.30030E-01	-.93188E-03	.25704E-01	.00000E+00
80	-.66411E-01	.69675E-03	.55610E-01	.00000E+00
81	-.76911E-01	.75377E-03	.61091E-01	.00000E+00
82	-.85956E-01	.11147E-02	.71348E-01	.00000E+00
83	-.11999E+00	-.10284E-02	.10791E+00	.00000E+00
84	-.11334E+00	.23922E-03	.95312E-01	.00000E+00
85	-.12354E+00	-.56335E-02	.12592E+00	.22121E-03
86	-.12455E+00	-.46143E-02	.12508E+00	.00000E+00
87	-.10370E+00	.37414E-03	.82717E-01	.00000E+00
88	-.12481E+00	-.36198E-02	.11793E+00	.00000E+00
89	-.12645E+00	-.58030E-02	.12716E+00	.17820E-03
90	-.80815E-01	.44618E-03	.52134E-01	.00000E+00
91	-.86539E-01	.82902E-03	.56365E-01	.00000E+00
92	-.92703E-01	-.56709E-03	.59655E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.35275E-01	.00000E+00	.23027E-01	.00000E+00
95	-.64578E-01	.00000E+00	.40962E-01	.00000E+00
96	-.73758E-01	.00000E+00	.46437E-01	.00000E+00
97	-.77132E-01	.00000E+00	.46773E-01	.00000E+00
98	-.75993E-01	.00000E+00	.45884E-01	.00000E+00
99	-.82611E-01	-.40700E-03	.49578E-01	.00000E+00
100	-.10112E+00	-.74268E-03	.67586E-01	.00000E+00
101	-.12080E+00	-.21439E-02	.96586E-01	.00000E+00
102	-.13096E+00	-.59140E-02	.12895E+00	.15999E-03
103	-.12590E+00	-.20937E-02	.11188E+00	.00000E+00
104	-.13274E+00	-.53389E-02	.12950E+00	.00000E+00
105	-.13411E+00	-.61102E-02	.13048E+00	.13811E-03
106	-.13153E+00	-.24353E-02	.12076E+00	.00000E+00
107	-.13705E+00	-.57389E-02	.13198E+00	.00000E+00
108	-.13772E+00	-.62323E-02	.13192E+00	.13199E-03
109	-.14034E+00	-.63262E-02	.13308E+00	.11185E-03
110	-.13902E+00	-.66308E-02	.12697E+00	.00000E+00
111	-.14369E+00	-.69781E-02	.13588E+00	.00000E+00
112	-.14316E+00	-.64323E-02	.13406E+00	.10011E-03
113	-.14259E+00	-.57820E-02	.13055E+00	.00000E+00
114	-.14474E+00	-.63770E-02	.13474E+00	.38299E-04
115	-.14528E+00	-.63012E-02	.13526E+00	.11624E-04
116	-.14537E+00	-.62724E-02	.13540E+00	-.70966E-05
117	-.14458E+00	-.72357E-02	.13802E+00	.00000E+00
118	-.14520E+00	-.62537E-02	.13546E+00	-.21452E-04
119	-.14458E+00	-.62031E-02	.13548E+00	-.39433E-04
120	-.14574E+00	-.67716E-02	.13791E+00	.00000E+00
121	-.14331E+00	-.60496E-02	.13527E+00	-.71383E-04
122	-.14317E+00	-.54477E-02	.13541E+00	-.87491E-04
123	-.14294E+00	-.48779E-02	.13551E+00	-.10022E-03
124	-.14269E+00	-.42253E-02	.13561E+00	-.11492E-03
125	-.14234E+00	-.34739E-02	.13571E+00	-.13253E-03
126	-.14165E+00	-.20174E-02	.13588E+00	-.15351E-03

127	-.14090E+00	-.44332E-03	.13604E+00	-.15733E-03
128	-.13946E+00	.27266E-02	.13637E+00	-.13010E-03
129	-.13945E+00	.52119E-02	.13667E+00	-.96381E-04
130	-.13786E+00	.67741E-02	.13700E+00	-.36099E-04
131	-.13744E+00	.69288E-02	.13749E+00	.19591E-04
132	-.13628E+00	.55382E-02	.13793E+00	.34196E-04
133	-.13866E+00	.42167E-02	.13832E+00	.27159E-04
134	-.13800E+00	.32110E-02	.13864E+00	.19064E-04
135	-.13905E+00	.24189E-02	.13889E+00	.17192E-04
136	-.13915E+00	.16646E-02	.13908E+00	.17442E-04
137	-.13921E+00	.93195E-03	.13919E+00	.17039E-04
138	-.13926E+00	.14385E-03	.13926E+00	.18483E-04
139	-.13926E+00	.17539E-04	.13926E+00	.17726E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.78E-02	-1.23E-01	2.02E-03	-4.77E+00	-1.81E-02	4.82E+00	4.69E+00	-4.84E+00	-44.72	-2.78E-02	-4.77E+00
	-303.00	6.64E-07	-3.65E-06	2.02E-06	-4.33E-04	-1.65E-06	4.38E-04	2.15E-04	-2.18E-04			
2	72.00	-7.45E-02	-1.76E-01	8.86E-02	-4.03E+00	2.36E-03	4.14E+00	3.90E+00	-4.15E+00	-44.64	-7.45E-02	-4.03E+00
	-213.00	-1.29E-06	-5.89E-06	6.13E-06	-3.66E-04	2.14E-07	3.76E-04	1.80E-04	-1.87E-04			
3	72.00	-6.67E-01	-2.10E-01	2.12E-01	-2.71E+00	2.82E-01	2.95E+00	2.28E+00	-3.16E+00	-47.41	-6.67E-01	-2.71E+00
	-138.00	-1.17E-05	-1.29E-06	8.30E-06	-1.23E-04	1.28E-05	1.34E-04	5.54E-05	-6.83E-05			
4	24.00	-3.35E+00	-1.86E+00	-2.36E+00	-5.11E+00	9.07E-01	5.64E+00	2.56E+00	-7.77E+00	-49.16	-3.35E+00	-5.11E+00
	-68.00	-4.58E-05	1.17E-05	-7.49E-06	-3.93E-04	6.98E-05	4.34E-04	1.81E-04	-2.16E-04			
5	72.00	1.10E+00	5.94E-01	1.38E+00	-2.24E+00	-6.33E-02	2.37E+00	3.10E+00	-1.41E+00	-41.79	5.94E-01	2.24E+00
	-88.00	8.52E-06	-1.09E-05	1.93E-05	-1.73E-04	-4.87E-06	1.82E-04	8.56E-05	-8.80E-05			
6	120.00	5.97E-01	8.01E-01	9.00E-01	-4.32E+00	-2.35E-01	4.25E+00	4.92E+00	-3.72E+00	-45.01	-3.65E+00	7.81E-01
	-68.00	-8.53E-08	4.92E-08	1.16E-08	-3.33E-04	-1.81E-05	3.27E-04	1.66E-04	-1.66E-04			
7	36.25	-1.20E+00	-4.65E-01	-2.69E-01	-2.46E+00	3.23E-01	2.36E+00	1.66E+00	-3.32E+00	-49.26	-1.12E+00	-2.47E+00
	-19.00	-2.50E-05	3.40E-06	1.09E-05	-1.89E-04	2.48E-05	1.81E-04	8.50E-05	-1.07E-04			
8	108.00	1.34E-01	2.43E-01	4.69E-01	-1.89E+00	-1.83E-03	2.07E+00	2.08E+00	-1.70E+00	-45.82	1.34E-01	-1.89E+00
	-19.00	-4.13E-06	4.22E-08	8.74E-06	-1.45E-04	-1.41E-07	1.60E-04	7.06E-05	-7.47E-05			
9	216.00	-2.38E-01	-3.33E-01	-1.48E-01	-4.78E+00	4.05E-02	4.92E+00	4.49E+00	-5.06E+00	-44.72	-2.38E-01	-4.78E+00
	-303.00	-1.50E-06	-5.78E-06	2.62E-06	-4.34E-04	3.69E-06	4.48E-04	2.14E-04	-2.21E-04			
10	216.00	-3.52E-01	-3.45E-01	-2.30E-02	-4.14E+00	1.33E-01	4.33E+00	3.79E+00	-4.49E+00	-45.02	-3.52E-01	-4.14E+00
	-213.00	-6.63E-06	-6.34E-06	8.30E-06	-3.76E-04	1.21E-05	3.93E-04	1.82E-04	-1.95E-04			
11	216.00	-6.25E-01	-2.89E-01	4.35E-01	-3.21E+00	4.12E-01	3.44E+00	2.76E+00	-3.67E+00	-46.50	-6.25E-01	-3.21E+00
	-138.00	-1.17E-05	-4.05E-06	1.24E-05	-1.46E-04	1.87E-05	1.57E-04	6.53E-05	-8.10E-05			
12	168.00	-1.51E+00	-1.37E+00	-8.54E-01	-4.95E+00	7.44E-01	5.13E+00	3.51E+00	-6.40E+00	-45.40	-1.51E+00	-4.95E+00
	-68.00	-1.70E-05	-1.18E-05	8.26E-06	-3.81E-04	5.73E-05	3.95E-04	1.76E-04	-2.05E-04			
13	216.00	1.45E+00	5.69E-01	1.55E+00	-2.02E+00	8.06E-02	2.04E+00	3.08E+00	-1.06E+00	-38.85	5.69E-01	2.02E+00
	-88.00	1.66E-05	-1.74E-05	2.04E-05	-1.56E-04	6.20E-06	1.57E-04	7.93E-05	-8.01E-05			
14	264.00	6.92E-02	5.45E-01	8.54E-01	-4.22E+00	-7.31E-02	4.32E+00	4.53E+00	-3.92E+00	-46.62	-3.80E+00	9.94E-01
	-68.00	-1.35E-05	4.83E-06	1.67E-05	-3.24E-04	-5.62E-06	3.32E-04	1.58E-04	-1.67E-04			
15	180.00	-4.55E-01	-8.76E-02	2.80E-01	-2.16E+00	5.01E-01	2.07E+00	1.90E+00	-2.44E+00	-47.43	-4.55E-01	-2.16E+00
	-19.00	-1.46E-05	-4.76E-07	1.36E-05	-1.66E-04	3.85E-05	1.59E-04	7.59E-05	-9.10E-05			
16	252.00	-2.52E-01	1.46E-01	5.99E-01	-1.79E+00	1.95E-01	2.17E+00	1.75E+00	-1.86E+00	-48.17	-2.52E-01	-1.79E+00
	-19.00	-1.51E-05	2.02E-07	1.76E-05	-1.38E-04	1.50E-05	1.67E-04	6.20E-05	-7.69E-05			
17	361.00	-3.12E-01	-5.19E-01	-2.21E-01	-4.83E+00	2.52E-02	5.14E+00	4.42E+00	-5.25E+00	-44.39	-3.12E-01	-4.83E+00
	-303.00	-5.41E-07	-9.89E-06	3.61E-06	-4.39E-04	2.29E-06	4.67E-04	2.14E-04	-2.25E-04			
18	361.00	-4.20E-01	-4.85E-01	-3.86E-02	-4.35E+00	1.12E-01	4.62E+00	3.90E+00	-4.80E+00	-44.78	-4.20E-01	-4.35E+00
	-213.00	-6.83E-06	-9.81E-06	1.05E-05	-3.96E-04	1.02E-05	4.20E-04	1.89E-04	-2.06E-04			
19	361.00	-6.91E-01	-3.75E-01	5.80E-01	-3.43E+00	4.26E-01	3.89E+00	2.90E+00	-3.97E+00	-46.32	-6.91E-01	-3.43E+00
	-138.00	-1.32E-05	-5.57E-06	1.57E-05	-1.56E-04	1.93E-05	1.77E-04	6.85E-05	-8.76E-05			
20	312.00	-2.64E+00	-2.06E+00	-1.36E+00	-5.59E+00	1.27E+00	6.23E+00	3.25E+00	-7.94E+00	-46.48	-2.64E+00	-5.59E+00
	-68.00	-3.49E-05	-1.26E-05	1.41E-05	-4.30E-04	9.79E-05	4.79E-04	1.91E-04	-2.39E-04			
21	360.6[illegible]	[illegible].35E+00	1.31E+00	2.31E+00	-2.63E+00	-4.10E-02	[illegible]1E+00	4.51E+00	-8.48E-01	-39.40	1.31E+00	2.63E[illegible]
	-88.0[illegible]	[illegible].49E-05	-1.52E-05	2.31E-05	-2.02E-04	-3.15E-06	[illegible]E-04	1.08E-04	-9.82E-05			
22	400	[illegible].38E+00	-1.91E+00	-5.75E-01	-5.31E+00	4.32E-02	[illegible]E+00	3.67E+00	-6.96E+00	-43.56	-6.90E+00	8.7[illegible]

	-68.[illegible]	[illegible].05E-05	-3.11E-05	2.04E-05	-4.09E-04	3.33E-06	[illegible]-04	1.94E-04	-2.25E-04				
23	324.00	[illegible].25E-01	-1.71E-01	3.89E-01	-2.22E+00	8.94E-01	[illegible]E+00	1.70E+00	-2.80E+00	-49.83	-9.25E-01	-2.22E[illegible]	
	-10.00	-2.78E-05	1.19E-06	2.27E-05	-1.70E-04	6.88E-05	1.69E-04	7.31E-05	-9.98E-05				
24	372.00	-5.58E-01	3.69E-01	8.66E-01	-5.80E+00	8.49E-01	6.18E+00	5.73E+00	-5.52E+00	-47.28	-5.58E-01	-5.80E+00	
	-9.33	-2.89E-05	6.74E-06	2.59E-05	-4.46E-04	6.53E-05	4.75E-04	2.13E-04	-2.35E-04				
25	401.25	-2.34E-01	8.74E-02	9.72E-01	-1.90E+00	2.98E-01	2.55E+00	1.83E+00	-1.98E+00	-47.41	1.56E+00	-9.87E-01	
	-19.00	-1.81E-05	-5.71E-06	2.83E-05	-1.46E-04	2.29E-05	1.96E-04	6.15E-05	-8.53E-05				
26	427.67	-2.74E+00	-2.56E+00	-1.22E+00	-6.49E+00	1.14E+00	8.72E+00	3.83E+00	-9.12E+00	-45.41	-6.55E+00	-5.17E+00	
	-9.33	-3.38E-05	-2.63E-05	2.48E-05	-4.98E-04	8.80E-05	6.71E-04	2.19E-04	-2.79E-04				
27	457.00	-3.62E-01	-7.73E-01	-3.32E-01	-4.87E+00	-1.95E-02	5.26E+00	4.31E+00	-5.44E+00	-43.79	-3.62E-01	-4.87E+00	
	-303.00	2.62E-06	-1.61E-05	3.95E-06	-4.43E-04	-1.77E-06	4.78E-04	2.15E-04	-2.28E-04				
28	457.00	-3.68E-01	-5.46E-01	-2.53E-02	-4.56E+00	4.50E-02	4.85E+00	4.12E+00	-5.04E+00	-44.44	-3.68E-01	-4.58E+00	
	-213.00	-4.51E-06	-1.26E-05	1.10E-05	-4.16E-04	4.09E-06	4.41E-04	2.00E-04	-2.17E-04				
29	457.00	-1.09E+00	-5.61E-01	4.00E-01	-3.61E+00	-8.69E-02	3.96E+00	2.80E+00	-4.44E+00	-47.05	-1.08E+00	-3.61E+00	
	-138.00	-1.80E-05	-6.24E-06	1.56E-05	-1.64E-04	-3.95E-06	1.80E-04	7.02E-05	-9.44E-05				
30	442.00	-1.34E+00	-3.08E+00	-1.08E+00	-6.29E+00	-1.46E-01	7.07E+00	4.14E+00	-8.55E+00	-41.05	-1.34E+00	-6.28E+00	
	-68.00	8.98E-06	-5.80E-05	1.88E-05	-4.83E-04	-1.12E-05	5.44E-04	2.19E-04	-2.69E-04				
31	457.33	7.41E+00	3.36E+00	4.88E+00	-2.18E+00	-3.38E+00	3.72E+00	8.36E+00	2.41E+00	-23.53	3.36E+00	2.16E+00	
	-88.00	1.13E-04	-4.27E-05	1.58E-05	-1.67E-04	-2.60E-04	2.86E-04	1.49E-04	-7.92E-05				
32	472.67	-1.22E+01	-1.04E+01	-8.49E+00	-5.42E+00	2.11E+00	8.92E+00	-5.81E+00	-1.68E+01	-49.83	-1.55E+01	-3.54E+00	
	-68.00	-1.29E-04	-5.75E-05	1.52E-05	-4.17E-04	1.62E-04	6.87E-04	1.18E-04	-3.05E-04				
33	443.00	-1.08E+00	-8.57E-01	2.91E-01	-3.22E+00	4.19E-01	3.41E+00	2.26E+00	-4.19E+00	-45.97	-1.08E+00	-3.22E+00	
	-19.50	-2.33E-05	-1.49E-05	2.92E-05	-2.48E-04	3.22E-05	2.62E-04	1.05E-04	-1.43E-04				
34	454.00	-9.87E+00	-7.53E+00	-6.08E+00	-8.21E+00	2.48E+00	1.10E+01	-4.08E-01	-1.70E+01	-49.05	-1.31E+01	-7.01E+00	
	-11.33	-1.22E-04	-3.17E-05	2.42E-05	-6.32E-04	1.91E-04	8.48E-04	2.42E-04	-3.96E-04				
35	461.67	-2.63E+00	-3.43E+00	-1.56E+00	-7.78E+00	6.35E-01	1.14E+01	4.76E+00	-1.08E+01	-43.54	-2.63E+00	-7.78E+00	
	-12.00	-1.76E-05	-4.81E-05	2.38E-05	-5.99E-04	4.88E-05	8.80E-04	2.67E-04	-3.33E-04				
36	469.00	6.06E+00	2.28E+00	4.27E+00	-7.38E-01	-2.98E+00	4.55E+00	6.20E+00	2.14E+00	-10.67	2.28E+00	7.38E-01	
	-30.00	9.44E-05	-5.08E-05	2.57E-05	-5.67E-05	-2.29E-04	3.50E-04	9.98E-05	-5.62E-05				
37	476.33	-4.80E+00	-6.67E+00	-3.67E+00	-5.32E+00	6.82E-01	9.39E+00	-3.40E-01	-1.11E+01	-40.02	-6.96E+00	-5.26E+00	
	-12.00	-1.83E-05	-9.02E-05	2.53E-05	-4.09E-04	5.25E-05	7.22E-04	1.53E-04	-2.62E-04				
38	558.50	2.93E-01	-4.66E-02	1.94E-01	-4.57E+00	-1.43E-01	5.07E+00	4.70E+00	-4.45E+00	-43.94	2.93E-01	-4.57E+00	
	-303.00	7.59E-06	-7.03E-06	3.10E-06	-4.16E-04	-1.30E-05	4.61E-04	2.08E-04	-2.08E-04				
39	558.50	-9.41E-02	-7.35E-01	-8.31E-02	-4.56E+00	-2.82E-01	4.94E+00	4.16E+00	-4.95E+00	-42.99	-9.41E-02	-4.56E+00	
	-213.00	7.57E-06	-2.16E-05	8.07E-06	-4.15E-04	-2.56E-05	4.49E-04	2.01E-04	-2.15E-04				
40	506.17	3.28E-02	-1.80E+00	2.33E-01	-1.03E+01	-5.85E-01	1.05E+01	9.42E+00	-1.12E+01	-42.45	3.28E-02	-1.03E+01	
	-128.00	8.80E-06	-3.29E-05	1.33E-05	-4.67E-04	-2.66E-05	4.78E-04	2.22E-04	-2.46E-04				
41	558.50	3.10E+00	-1.16E+00	1.03E+00	-4.40E+00	-2.41E+00	6.23E+00	5.85E+00	-3.92E+00	-32.06	-1.16E+00	4.40E+00	
	-148.00	5.49E-05	-4.20E-05	7.78E-06	-2.00E-04	-1.09E-04	2.83E-04	1.17E-04	-1.05E-04				
42	610.83	-4.89E-01	-1.97E+00	-3.30E-01	-8.85E+00	-1.74E+00	8.22E+00	7.65E+00	-1.01E+01	-42.61	-9.96E+00	1.61E+00	
	-128.00	3.50E-06	-3.01E-05	7.11E-06	-4.02E-04	-7.89E-05	3.74E-04	1.88E-04	-2.15E-04				
43	501.38	9.18E-01	2.09E-01	1.13E+00	-2.34E+00	-8.32E-01	3.00E+00	2.93E+00	-1.80E+00	-40.69	9.18E-01	-2.34E+00	
	-78.00	1.05E-05	-1.68E-05	1.87E-05	-1.80E-04	-6.40E-05	2.31E-04	8.79E-05	-9.41E-05				
44	534.67	-1.41E+00	-1.56E+00	-7.22E-01	-7.40E+00	-4.92E-01	9.12E+00	5.91E+00	-8.88E+00	-44.70	-8.78E+00	1.21E+00	
	-68.00	-1.36E-05	-1.95E-05	1.28E-05	-5.69E-04	-3.79E-05	7.01E-04	2.68E-04	-3.01E-04				
45	584.67	1.39E+00	5.45E-01	1.20E+00	-7.09E+00	-1.76E+00	6.62E+00	8.06E+00	-6.14E+00	-43.31	1.38E+00	-7.09E+00	
	-68.00	1.88E-05	-1.33E-05	1.17E-05	-5.45E-04	-1.35E-04	5.09E-04	2.76E-04	-2.70E-04				
46	610.83	7.32E+00	1.71E+00	3.66E+00	-3.80E+00	-3.42E+00	5.26E+00	9.16E+00	-2.27E-01	-27.03	1.71E+00	3.80E+00	
	-88.00	1.39E-04	-7.26E-05	2.46E-06	-2.92E-04	-2.63E-04	4.05E-04	2.14E-04	-1.47E-04				
47	482.63	3.56E-01	-2.83E-01	1.13E+00	-1.71E+00	-8.90E-01	3.41E+00	1.78E+00	-1.71E+00	-39.73	3.56E-01	-1.71E+00	
	-21.00	5.11E-07	-2.40E-05	3.01E-05	-1.32E-04	-6.84E-05	2.63E-04	5.53E-05	-7.86E-05				
48	485.83	-2.28E+00	-3.47E+00	-1.45E+00	-5.00E+00	-1.25E-01	1.05E+01	2.17E+00	-7.92E+00	-41.60	-2.93E+00	-5.04E+00	
	-12.00	-8.48E-06	-5.44E-05	2.33E-05	-3.85E-04	-9.58E-06	8.04E-04	1.62E-04	-2.25E-04				
49	507.88	1.41E-01	2.43E-01	1.14E+00	-1.87E+00	-5.09E-01	3.72E+00	2.06E+00	-1.68E+00	-45.78	1.41E-01	-1.87E+00	
	-21.00	-1.13E-05	-7.39E-06	2.71E-05	-1.44E-04	-3.92E-05	2.86E-04	6.26E-05	-8.13E-05				
50	538.67	-1.32E+00	-8.41E-01	-2.85E-01	-6.62E+00	-2.37E+00	8.00E+00	5.55E+00	-7.70E+00	-46.03	-7.64E+00	8.76E-01	
	-10.00	-2.38E-05	-5.52E-06	1.59E-05	-5.09E-04	-1.82E-04	6.16E-04	2.40E-04	-2.69E-04				
51	484.67	2.17E+01	1.50E+01	1.60E+01	4.88E-01	-1.62E+00	1.12E+00	2.17E+01	1.50E+01	4.16	1.50E+01	-4.88E-01	
	8.00	2.55E-04	-9.15E-07	3.61E-05	3.76E-05	-1.25E-04	8.63E-05	2.56E-04	-2.29E-06				
52	507.00	-5.30E+00	-6.44E+00	-3.64E+00	-3.58E+00	-1.08E+00	-2.92E+00	-2.25E+00	-9.50E+00	-40.48	-8.71E+00	-2.26E+00	
	9.00	-3.49E-05	-7.89E-05	2.91E-05	-2.76E-04	-9.30E-05	-2.25E-04	8.27E-05	-1.96E-04				
53	603.00	-7.77E-02	9.07E-02	1.90E-01	-2.79E+00	-1.15E+00	2.65E+00	2.79E+00	-2.78E+00	-45.87	1.68E+00	-2.23E+00	
	-18.00	-5.22E-06	1.26E-06	5.07E-06	-2.14E-04	-8.86E-05	2.04E-04	1.05E-04	-1.09E-04				
54	712.00	3.87E-01	-3.60E-01	2.80E-02	-4.32E+00	-3.61E-01	4.30E+00	4.35E+00	-4.33E+00	-42.53	3.87E-01	-4.32E+00	

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	-303.00	1.69E-05	-1.71E-05	5.52E-07	-3.93E-04	-3.28E-05	3.90E-04	1.97E-04	-1.97E-04				
55	712.00	2.40E+00	1.22E+00	1.43E+00	-4.75E+00	-1.15E+00	4.22E+00	6.63E+00	-2.94E+00	-41.66	2.40E+00	-4.75E+00	
	-213.00	4.27E-05	-8.00E-06	-1.42E-06	-4.32E-04	-1.04E-04	3.64E-04	2.35E-04	-2.00E-04				
56	712.00	3.08E+00	1.50E+00	1.12E+00	-3.61E+00	-2.64E+00	3.30E+00	6.02E+00	-1.36E+00	-39.16	3.08E+00	-3.61E+00	
	-138.00	3.96E-05	5.71E-06	-4.88E-06	-1.64E-04	-1.20E-04	1.50E-04	1.06E-04	-6.12E-05				
57	712.00	8.74E-01	4.17E-02	1.50E-01	-2.28E+00	-1.07E+00	2.51E+00	2.77E+00	-1.86E+00	-39.82	8.74E-01	-2.28E+00	
	-78.00	2.18E-05	-1.02E-05	-5.73E-06	-1.75E-04	-8.26E-05	1.93E-04	9.48E-05	-8.32E-05				
58	712.00	1.11E+00	7.52E-01	5.06E-01	-3.08E+00	-9.43E-01	3.06E+00	4.02E+00	-2.15E+00	-43.33	1.11E+00	-3.08E+00	
	-18.00	1.67E-05	2.87E-06	-6.58E-06	-2.37E-04	-7.25E-05	2.35E-04	1.28E-04	-1.09E-04				
59	837.00	1.23E+01	6.82E+00	7.65E+00	-3.63E+00	-2.21E+00	3.69E+00	1.41E+01	5.01E+00	-26.47	6.82E+00	3.63E+00	
	-318.00	2.12E-04	-3.77E-05	.00E+00	-3.30E-04	-2.01E-04	3.36E-04	2.94E-04	-1.20E-04				
60	887.00	1.73E+00	1.50E-01	7.51E-01	-9.72E+00	-8.29E-01	8.32E+00	1.07E+01	-8.82E+00	-42.68	-8.01E+00	3.88E+00	
	-288.00	4.44E-05	-2.73E-05	.00E+00	-8.84E-04	-7.52E-05	7.56E-04	4.52E-04	-4.35E-04				
61	987.00	-2.18E+00	-1.46E+00	-1.46E+00	-9.90E+00	4.98E-01	7.77E+00	8.09E+00	-1.17E+01	-46.05	-2.18E+00	-9.90E+00	
	-288.00	-3.31E-05	-1.04E-08	.00E+00	-9.00E-04	4.52E-05	7.06E-04	4.34E-04	-4.67E-04				
62	1037.00	1.23E+01	7.44E+00	7.90E+00	-7.27E+00	-1.88E+00	6.28E+00	1.75E+01	2.20E+00	-35.76	7.44E+00	7.27E+00	
	-318.00	2.00E-04	-2.07E-05	.00E+00	-6.61E-04	-1.71E-04	5.71E-04	4.38E-04	-2.59E-04				
63	862.00	2.98E-01	1.73E-01	-7.22E-02	-4.92E+00	-2.26E-01	4.30E+00	5.16E+00	-4.69E+00	-44.64	2.98E-01	-4.92E+00	
	-213.00	8.36E-06	2.69E-06	-8.46E-06	-4.48E-04	-2.05E-05	3.91E-04	2.29E-04	-2.18E-04				
64	1012.00	-6.19E-01	-3.79E-01	-6.72E-01	-5.31E+00	1.52E-01	4.39E+00	4.82E+00	-5.81E+00	-45.65	-6.19E-01	-5.31E+00	
	-213.00	-6.45E-06	4.46E-06	-8.85E-06	-4.83E-04	1.38E-05	3.99E-04	2.41E-04	-2.43E-04				
65	837.00	-3.05E-01	2.93E-01	-7.62E-01	-3.73E+00	-3.40E-01	4.46E+00	3.79E+00	-3.71E+00	-47.67	3.93E-01	3.73E+00	
	-148.00	-3.40E-06	1.25E-05	-1.38E-05	-1.70E-04	-1.54E-05	2.03E-04	8.98E-05	-8.07E-05				
66	937.00	5.64E-01	2.34E-01	-4.65E-01	-6.59E+00	-4.15E-01	5.36E+00	7.00E+00	-6.20E+00	-44.28	-4.27E+00	4.66E+00	
	-128.00	1.11E-05	3.58E-06	-1.23E-05	-3.00E-04	-1.89E-05	2.44E-04	1.57E-04	-1.43E-04				
67	1037.00	6.00E+00	1.33E+00	1.44E+00	-6.31E+00	-2.06E+00	5.95E+00	1.04E+01	-3.06E+00	-34.85	1.33E+00	6.31E+00	
	-148.00	9.04E-05	-1.57E-05	-1.33E-05	-2.87E-04	-9.38E-05	2.70E-04	1.90E-04	-1.16E-04				
68	837.00	1.87E+00	1.77E+00	1.03E+00	-7.18E+00	-9.40E-01	6.12E+00	9.00E+00	-5.35E+00	-44.80	1.87E+00	-7.18E+00	
	-68.00	2.06E-05	1.68E-05	-1.17E-05	-5.52E-04	-7.23E-05	4.71E-04	2.95E-04	-2.57E-04				
69	937.00	2.28E+00	-2.62E-01	1.92E-01	-3.78E+00	-1.04E+00	3.35E+00	5.00E+00	-2.98E+00	-35.71	-2.62E-01	3.78E+00	
	-88.00	6.34E-05	-3.44E-05	-1.69E-05	-2.91E-04	-8.00E-05	2.58E-04	1.68E-04	-1.39E-04				
70	1037.00	3.73E-01	-4.87E-01	-6.01E-01	-6.45E+00	1.91E-01	6.67E+00	6.41E+00	-6.52E+00	-43.09	-4.82E+00	4.37E+00	
	-68.00	2.22E-05	-1.09E-05	-1.53E-05	-4.96E-04	1.47E-05	5.13E-04	2.54E-04	-2.43E-04				
71	862.00	1.51E+00	9.66E-01	4.20E-01	-3.02E+00	-8.64E-01	2.91E+00	4.27E+00	-1.79E+00	-42.40	1.51E+00	-3.02E+00	
	-18.00	2.64E-05	5.27E-06	-1.57E-05	-2.32E-04	-6.65E-05	2.24E-04	1.32E-04	-1.01E-04				
72	1012.00	-3.94E-01	-6.22E-01	-1.04E+00	-3.28E+00	1.22E-01	2.71E+00	2.78E+00	-3.79E+00	-43.96	-3.84E-01	-3.28E+00	
	-18.00	7.72E-06	-1.42E-06	-1.76E-05	-2.52E-04	9.40E-06	2.08E-04	1.29E-04	-1.23E-04				
73	1387.00	-6.48E-01	-6.65E-01	-6.17E-01	-3.98E+00	8.32E-03	2.98E+00	3.33E+00	-4.64E+00	-44.94	-6.48E-01	-3.98E+00	
	-303.00	-4.37E-06	-5.18E-06	-2.99E-06	-3.62E-04	7.56E-07	2.71E-04	1.76E-04	-1.86E-04				
74	1387.00	-5.28E-02	1.54E-01	-2.59E-01	-4.20E+00	-5.18E-02	2.92E+00	4.25E+00	-4.15E+00	-45.71	-5.28E-02	-4.20E+00	
	-213.00	-3.44E-07	9.05E-06	-9.73E-06	-3.81E-04	-4.71E-06	2.66E-04	1.95E-04	-1.86E-04				
75	1387.00	4.89E-02	-2.23E-01	-8.83E-01	-3.08E+00	-2.18E-01	2.00E+00	3.00E+00	-3.17E+00	-43.74	4.89E-02	-3.08E+00	
	-138.00	6.65E-06	4.75E-07	-1.45E-05	-1.40E-04	-9.90E-06	9.10E-05	7.37E-05	-6.66E-05				
76	1187.00	1.00E+00	7.37E-01	2.11E-01	-4.79E+00	-6.59E-01	2.50E+00	5.67E+00	-3.93E+00	-44.21	1.00E+00	-4.79E+00	
	-68.00	1.71E-05	6.90E-06	-1.33E-05	-3.69E-04	-5.07E-05	1.92E-04	1.96E-04	-1.72E-04				
77	1387.00	1.29E+00	1.00E+00	2.02E-01	-2.34E+00	-5.02E-01	1.85E+00	3.49E+00	-1.15E+00	-43.23	1.00E+00	2.34E+00	
	-88.00	2.23E-05	1.12E-05	-1.97E-05	-1.80E-04	-3.86E-05	1.42E-04	1.07E-04	-7.33E-05				
78	1587.00	4.49E-01	3.23E-01	-3.18E-01	-3.01E+00	-8.50E-03	1.38E+00	3.40E+00	-2.62E+00	-44.40	-8.30E-01	2.75E+00	
	-68.00	1.23E-05	7.44E-06	-1.72E-05	-2.32E-04	-6.54E-07	1.06E-04	1.26E-04	-1.06E-04				
79	1237.00	1.75E+00	7.08E-01	2.89E-01	-2.55E+00	-7.39E-01	1.68E+00	3.83E+00	-1.37E+00	-39.21	1.75E+00	-2.55E+00	
	-18.00	3.72E-05	-2.98E-06	-1.91E-05	-1.96E-04	-5.69E-05	1.29E-04	1.17E-04	-8.29E-05				
80	1433.80	1.07E+00	3.01E-01	-1.81E-01	-2.98E+00	-3.68E-01	1.28E+00	3.69E+00	-2.32E+00	-41.35	1.07E+00	-2.98E+00	
	-8.00	2.80E-05	-1.46E-06	-2.00E-05	-2.30E-04	-2.83E-05	9.81E-05	1.29E-04	-1.02E-04				
81	1533.80	1.77E+00	3.83E-01	1.40E-01	-1.71E+00	-3.29E-01	8.18E-01	2.92E+00	-7.72E-01	-34.00	3.83E-01	1.71E+00	
	-28.00	4.28E-05	-1.04E-05	-1.98E-05	-1.32E-04	-2.53E-05	6.29E-05	8.72E-05	-5.49E-05				
82	1633.80	1.92E+00	6.61E-01	3.54E-01	-6.60E-01	-5.94E-02	2.22E-01	2.20E+00	3.77E-01	-23.23	3.81E-01	8.35E-02	
	-8.00	4.15E-05	-6.78E-06	-1.86E-05	-5.08E-05	-4.57E-06	1.71E-05	5.24E-05	-1.77E-05				
83	1433.80	7.22E+00	3.12E+00	3.30E+00	-1.93E+00	-1.89E+00	9.17E-01	7.99E+00	2.36E+00	-21.61	3.12E+00	1.93E+00	
	27.60	1.28E-04	-2.98E-05	-2.30E-05	-1.48E-04	-1.45E-04	7.06E-05	1.57E-04	-5.92E-05				
84	1296.10	2.57E+00	3.49E-01	3.42E-01	-2.06E+00	-8.80E-01	1.06E+00	3.80E+00	-8.77E-01	-30.80	1.61E+00	2.33E+00	
	40.70	6.31E-05	-2.25E-05	-2.27E-05	-1.58E-04	-6.77E-05	8.17E-05	1.10E-04	-6.96E-05				
85	1148.60	1.17E+00	-5.37E-01	-4.14E-01	-2.82E+00	-1.01E+00	9.69E-01	3.26E+00	-2.63E+00	-36.60	-2.17E+00	-1.58E+00	
	57.33	[illegible]25E-05	-2.30E-05	-1.83E-05	-2.17E-04	-7.80E-05	[illegible]-05	1.23E-04	-1.03E-04				
86	1131.	[illegible]2E+00	4.49E+00	4.37E+00	-1.03E+00	-3.43E+00	[illegible]-01	9.34E+00	4.27E+00	-12.04	4.49E+00	1.0	

	112.	[illegible].53E-04	-2.48E-05	-2.06E-05	-7.96E-05	-2.64E-04	[illegible]E-05	1.62E-04	-3.33E-05				
87	1010.8[illegible]	[illegible].62E+00	1.16E+00	7.62E-01	-2.91E+00	-1.23E+00	[illegible]E+00	4.98E+00	-1.11E+00	-37.97	1.16E+00	2.91E[illegible]	
	34.67	5.08E-05	-5.26E-06	-2.06E-05	-2.24E-04	-9.50E-05	3.17E-04	1.38E-04	-9.25E-05				
88	884.60	1.34E+00	5.63E-01	1.57E-01	-2.41E+00	-6.15E-01	2.63E+00	2.38E+00	-1.50E+00	-40.30	1.34E+00	-2.41E+00	
	48.00	2.01E-05	-1.53E-06	-1.64E-05	-1.85E-04	-4.73E-05	2.01E-04	1.08E-04	-8.01E-05				
89	865.80	5.90E+00	2.62E+00	2.65E+00	-1.35E+00	-1.92E+00	1.07E+00	6.38E+00	2.14E+00	-19.69	2.62E+00	1.35E+00	
	96.00	1.04E-04	-2.20E-05	-2.07E-05	-1.03E-04	-1.47E-04	8.23E-05	1.23E-04	-4.05E-05				
90	952.40	1.09E+00	-2.80E+00	-1.37E+00	-3.54E+00	-1.05E+00	2.58E+00	3.18E+00	-4.85E+00	-30.59	-3.98E+00	2.56E+00	
	128.00	7.59E-05	-7.38E-05	-1.89E-05	-2.72E-04	-8.11E-05	1.99E-04	1.56E-04	-1.54E-04				
91	869.80	1.70E+00	1.68E-01	1.62E-01	-1.65E+00	-1.06E+00	7.01E-01	2.76E+00	-8.67E-01	-32.53	1.70E+00	-1.65E+00	
	160.00	4.32E-05	-1.59E-05	-1.61E-05	-1.27E-04	-8.12E-05	5.39E-05	8.37E-05	-5.65E-05				
92	869.80	8.34E+00	2.85E+00	3.47E+00	-9.09E-01	-3.76E+00	1.01E+00	8.49E+00	2.71E+00	-9.16	2.85E+00	9.09E-01	
	203.50	1.60E-04	-5.14E-05	-2.78E-05	-6.99E-05	-2.89E-04	7.76E-05	1.65E-04	-5.70E-05				
93	598.67	-4.69E-01	1.41E-01	-1.51E-01	-4.82E+00	-2.54E+00	5.45E+00	4.66E+00	-4.99E+00	-46.81	1.41E-01	4.82E+00	
	16.00	-1.28E-05	1.07E-05	-5.34E-07	-3.71E-04	-1.95E-04	4.19E-04	1.85E-04	-1.87E-04				
94	645.75	8.24E-01	5.44E-01	4.73E-01	-3.09E+00	-1.05E+00	2.69E+00	3.78E+00	-2.41E+00	-43.70	8.24E-01	-3.09E+00	
	24.00	1.15E-05	6.94E-07	-2.05E-06	-2.38E-04	-8.11E-05	2.07E-04	1.25E-04	-1.13E-04				
95	613.10	9.46E-01	1.51E+00	1.09E+00	-5.33E+00	-9.59E-01	1.04E+00	6.57E+00	-4.11E+00	-46.52	9.46E-01	-5.33E+00	
	69.33	-2.56E-06	1.92E-05	2.86E-06	-4.10E-04	-7.38E-05	8.12E-05	2.14E-04	-1.97E-04				
96	708.45	1.56E+00	4.05E-01	4.33E-01	-2.47E+00	-1.08E+00	2.15E+00	3.52E+00	-1.55E+00	-38.40	1.93E+00	2.35E+00	
	55.00	3.37E-05	-1.08E-05	-9.73E-06	-1.90E-04	-8.27E-05	1.65E-04	1.09E-04	-8.60E-05				
97	613.10	4.30E+00	1.97E+00	2.10E+00	-1.73E+00	-3.19E+00	1.27E+00	5.22E+00	1.05E+00	-27.99	1.97E+00	1.73E+00	
	96.00	7.35E-05	-1.63E-05	-1.12E-05	-1.33E-04	-2.45E-04	9.80E-05	1.09E-04	-5.18E-05				
98	682.27	1.60E+00	5.21E-01	4.82E-01	-3.48E+00	-9.73E-01	2.38E+00	4.59E+00	-2.46E+00	-40.59	-1.98E+00	1.78E+00	
	112.00	3.30E-05	-8.58E-06	-1.01E-05	-2.68E-04	-7.48E-05	1.83E-04	1.48E-04	-1.23E-04				
99	751.43	5.43E+00	-9.07E-01	1.22E+00	-3.74E+00	-2.71E+00	4.88E+00	7.16E+00	-2.64E+00	-24.88	-9.07E-01	3.74E+00	
	96.00	1.46E-04	-9.80E-05	-1.61E-05	-2.88E-04	-2.09E-04	3.75E-04	2.12E-04	-1.65E-04				
100	683.25	1.44E+00	4.04E-01	2.84E-01	-1.26E+00	-7.42E-01	1.61E+00	2.28E+00	-4.40E-01	-33.83	1.44E+00	-1.26E+00	
	152.00	3.20E-05	-7.83E-06	-1.24E-05	-9.69E-05	-5.71E-05	1.24E-04	6.44E-05	-4.03E-05				
101	648.67	7.26E+00	3.49E+00	3.69E+00	-8.47E-01	-2.14E+00	1.10E+00	7.44E+00	3.31E+00	-12.09	3.49E+00	8.47E-01	
	192.00	1.21E-04	-2.46E-05	-1.66E-05	-6.51E-05	-1.64E-04	8.50E-05	1.27E-04	-3.15E-05				
102	725.25	1.17E+00	-5.69E-01	-2.95E-01	-1.32E+00	-5.53E-01	1.14E+00	1.88E+00	-1.28E+00	-28.26	2.57E-01	1.58E+00	
	232.70	4.16E-05	-2.53E-05	-1.47E-05	-1.01E-04	-4.26E-05	8.78E-05	6.88E-05	-5.24E-05				
103	635.50	1.02E+00	1.08E+00	3.95E-01	-7.67E-02	-4.18E-01	-1.42E-01	1.14E+00	9.70E-01	-55.88	1.02E+00	-7.67E-02	
	258.00	1.18E-05	1.42E-05	-1.23E-05	-5.90E-06	-3.22E-05	-1.10E-05	1.62E-05	9.83E-06				
104	635.50	2.73E+00	1.84E+00	1.14E+00	3.38E-02	-1.48E+00	9.34E-02	2.74E+00	1.84E+00	2.16	1.84E+00	-3.38E-02	
	290.67	4.24E-05	7.93E-06	-1.90E-05	2.60E-06	-1.14E-04	7.18E-06	4.25E-05	7.86E-06				
105	569.00	-6.59E-01	1.41E-01	1.20E-01	-5.03E+00	-1.53E+00	4.66E+00	4.79E+00	-5.31E+00	-47.27	-6.59E-01	-5.03E+00	
	16.50	-2.10E-05	9.79E-06	8.98E-06	-3.87E-04	-1.18E-04	3.58E-04	1.89E-04	-2.00E-04				
106	508.50	-9.85E+00	-6.52E+00	-6.05E+00	-3.58E+00	-3.59E+00	1.42E+00	-4.24E+00	-1.21E+01	-57.47	-6.52E+00	3.58E+00	
	13.00	-1.32E-04	-4.37E-06	1.35E-05	-2.75E-04	-2.76E-04	1.09E-04	8.34E-05	-2.20E-04				
107	521.00	-2.66E+00	-1.27E+00	-7.88E-01	-4.90E+00	-1.29E+00	2.62E+00	2.99E+00	-6.92E+00	-49.04	-2.66E+00	-4.90E+00	
	15.75	-5.05E-05	3.06E-06	2.15E-05	-3.77E-04	-9.94E-05	2.01E-04	1.67E-04	-2.14E-04				
108	526.25	-2.27E+00	-1.04E+00	-6.62E-01	-5.42E+00	-1.08E+00	2.71E+00	3.80E+00	-7.11E+00	-48.24	-2.27E+00	-5.42E+00	
	21.00	-4.37E-05	3.70E-06	1.82E-05	-4.17E-04	-8.34E-05	2.08E-04	1.90E-04	-2.30E-04				
109	515.50	-6.11E+00	-4.04E+00	-3.80E+00	-6.65E+00	-2.45E+00	1.44E+00	1.66E+00	-1.16E+01	-49.41	-4.04E+00	6.65E+00	
	26.00	-8.16E-05	-2.13E-06	7.09E-06	-5.11E-04	-1.88E-04	1.11E-04	2.17E-04	-3.01E-04				
110	531.50	-8.08E-01	-5.14E-01	-1.22E-01	-4.41E+00	-7.50E-01	2.30E+00	3.75E+00	-5.07E+00	-45.96	-8.08E-01	-4.41E+00	
	34.50	-1.52E-05	-3.89E-06	1.12E-05	-3.39E-04	-5.77E-05	1.77E-04	1.60E-04	-1.79E-04				
111	515.50	3.23E+00	5.01E+00	3.87E+00	-1.29E+01	-5.72E-01	4.62E-01	1.71E+01	-8.83E+00	-46.97	3.23E+00	-1.29E+01	
	44.00	-8.87E-06	5.98E-05	1.56E-05	-9.94E-04	-4.40E-05	3.55E-05	5.24E-04	-4.73E-04				
112	515.50	1.35E+00	8.05E-01	9.87E-01	-2.99E+00	-1.32E+00	1.16E+00	4.08E+00	-1.92E+00	-42.38	8.05E-01	2.99E+00	
	53.33	1.75E-05	-3.59E-06	3.40E-06	-2.30E-04	-1.02E-04	6.92E-05	1.22E-04	-1.08E-04				
113	547.50	2.01E+00	-4.99E-01	7.22E-01	-4.71E+00	-8.56E-01	4.31E+00	5.63E+00	-4.12E+00	-37.54	-1.96E+00	4.05E+00	
	64.00	5.28E-05	-4.37E-05	3.20E-06	-3.62E-04	-6.58E-05	3.32E-04	1.92E-04	-1.83E-04				
114	515.50	4.00E+00	4.59E+00	3.60E+00	-5.40E+00	-3.42E-01	1.48E+00	9.70E+00	-1.11E+00	-46.57	4.00E+00	-5.40E+00	
	74.67	1.98E-05	4.25E-05	4.62E-06	-4.15E-04	-2.63E-05	1.14E-04	2.39E-04	-1.77E-04				
115	515.50	7.96E+00	5.00E+00	5.22E+00	-1.94E+00	-1.10E+00	1.09E+00	8.92E+00	4.04E+00	-26.28	5.00E+00	1.94E+00	
	88.00	1.06E-04	-7.54E-06	1.03E-06	-1.49E-04	-8.46E-05	8.35E-05	1.43E-04	-4.43E-05				
116	547.50	4.68E+00	4.84E-01	2.10E+00	-5.89E+00	-7.98E-01	3.55E+00	8.84E+00	-3.67E+00	-35.20	-2.04E+00	4.21E+00	
	104.00	1.00E-04	-6.12E-05	9.67E-07	-4.53E-04	-6.14E-05	2.73E-04	2.60E-04	-2.21E-04				
117	515.50	1.63E+00	1.62E+00	1.16E+00	-4.28E+00	-8.21E-02	2.11E+00	5.90E+00	-2.65E+00	-44.96	1.63E+00	-4.28E+00	
	120.00	1.43E-05	1.39E-05	-3.90E-06	-3.29E-04	-6.32E-06	1.62E-04	1.79E-04	-1.50E-04				
118	515.50	5.68E+00	3.46E+00	3.43E+00	-1.65E+00	-5.12E-01	9.18E-01	6.56E+00	2.58E+00	-28.03	3.46E+00	1.65E+00	

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	136.00	8.05E-05	-5.09E-06	-6.29E-06	-1.27E-04	-3.94E-05	7.06E-05	1.14E-04	-3.89E-05				
119	547.50	4.00E+00	1.02E+00	1.82E+00	-4.01E+00	-4.14E-01	2.13E+00	6.96E+00	-1.72E+00	-35.02	-6.26E-01	2.85E+00	
	152.00	7.79E-05	-3.40E-05	-5.92E-06	-3.06E-04	-3.20E-05	1.64E-04	1.86E-04	-1.42E-04				
120	515.50	1.88E+00	1.50E+00	9.46E-01	-2.89E+00	-2.55E-03	1.44E+00	4.59E+00	-1.20E+00	-43.12	1.88E+00	-2.89E+00	
	168.00	2.48E-05	1.02E-05	-1.12E-05	-2.22E-04	-1.94E-07	1.11E-04	1.29E-04	-9.37E-05				
121	515.50	7.27E+00	4.46E+00	4.27E+00	-1.30E+00	-4.32E-01	6.89E-01	7.78E+00	3.95E+00	-21.38	4.46E+00	1.30E+00	
	184.00	1.04E-04	-4.42E-06	-1.16E-05	-1.00E-04	-3.32E-05	5.30E-05	1.24E-04	-2.40E-05				
122	547.50	2.54E+00	-1.20E+00	1.41E-01	-4.39E+00	-2.85E-01	2.82E+00	5.44E+00	-4.10E+00	-33.47	-3.04E+00	2.99E+00	
	200.00	8.14E-05	-6.23E-05	-1.09E-05	-3.38E-04	-2.19E-05	2.17E-04	1.93E-04	-1.74E-04				
123	515.50	-1.00E+00	-1.76E+00	-1.74E+00	-2.98E+00	3.83E-01	1.85E+00	7.33E-01	-3.49E+00	-39.83	-1.00E+00	-2.08E+00	
	216.00	1.10E-05	-1.81E-05	-1.76E-05	-1.60E-04	2.94E-05	1.43E-04	7.77E-05	-8.48E-05				
124	515.50	2.20E+00	1.18E+00	8.00E-01	-5.35E-01	5.88E-01	4.54E-01	2.43E+00	9.49E-01	-23.16	1.18E+00	5.35E-01	
	232.00	3.87E-05	-5.53E-07	-1.51E-05	-4.11E-05	4.53E-05	3.49E-05	4.75E-05	-9.35E-06				
125	547.50	1.28E+00	6.74E-01	2.64E-01	-1.04E+00	3.11E-01	1.16E+00	2.06E+00	-1.02E-01	-36.80	2.22E-01	7.72E-01	
	248.00	2.50E-05	1.50E-06	-1.43E-05	-7.98E-05	2.40E-05	8.50E-05	5.48E-05	-2.83E-05				
126	515.50	-1.69E+00	-2.55E+00	-2.40E+00	1.58E-01	6.07E-01	1.81E+00	-1.66E+00	-2.58E+00	9.95	-1.69E+00	1.58E-01	
	264.00	8.21E-06	-2.53E-05	-1.94E-05	1.21E-05	4.67E-05	1.39E-04	9.27E-06	-2.63E-05				
127	515.50	1.20E+00	6.48E-01	2.76E-01	-2.09E-01	1.22E+00	2.52E-01	1.27E+00	5.78E-01	-18.51	6.48E-01	2.09E-01	
	276.00	2.29E-05	1.56E-06	-1.27E-05	-1.61E-05	9.39E-05	1.94E-05	2.55E-05	-1.13E-06				
128	531.50	-7.24E-01	-4.99E-01	-1.06E+00	-1.24E-01	5.42E-01	1.50E-01	-4.44E-01	-7.79E-01	-16.09	-7.24E-01	-1.24E-01	
	297.00	-2.78E-06	5.87E-06	-1.56E-05	-9.54E-06	4.17E-05	1.15E-05	7.99E-06	-4.89E-06				
129	515.50	-3.50E+00	-3.15E+00	-3.30E+00	6.42E-01	5.87E-01	1.25E+00	-2.66E+00	-3.95E+00	52.68	-3.50E+00	6.42E-01	
	320.00	-2.53E-05	-1.17E-05	-1.77E-05	4.94E-05	4.52E-05	9.60E-05	7.09E-06	-4.41E-05				
183	565.50	-1.60E-01	1.46E-01	5.45E-01	-7.55E+00	-2.01E+00	6.01E+00	7.54E+00	-7.56E+00	-45.58	-1.60E-01	-7.55E+00	
	-8.00	-1.20E-05	-2.29E-07	1.51E-05	-5.81E-04	-1.55E-04	4.62E-04	2.84E-04	-2.96E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.8357E+02	.5228E+03	-.6221E+02	-.8306E+02	-.1961E+03	.1323E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1085E+02	-.4765E+01	-.2201E+01	-.7331E+02	.5248E+02	.6703E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.9281E+01	.1504E+01	-.9626E+00	-.1179E+03	.1170E+03	.1221E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1302E+02	-.2980E+01	-.2037E+00	-.1649E+03	.1832E+03	.1784E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1405E+02	.2015E+01	-.2071E+00	-.2121E+03	.2485E+03	.2398E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1798E+01	.1490E+01	-.8751E+00	-.2828E+03	.3153E+03	.3128E+03
25	-.3390E+02	-.5490E+01	-.1883E+00	-.3522E+03	.3476E+03	.3837E+03
26	.1269E+02	.1084E+01	.4054E-01	-.3918E+03	.3674E+03	.4355E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	.1745E+03	.3362E+02	-.5805E+01	-.[illegible]03	.5063E+03	.4773E+03

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2970E+04	-.5150E+03	.2007E+02	-.5476E+03	.1352E+04	.7514E+03
40	-.2072E+04	-.3252E+03	-.4946E+01	-.5158E+03	.1334E+04	.6899E+03
41	-.1363E+04	-.1825E+03	-.2544E+02	-.4470E+03	.1210E+04	.5999E+03
42	-.3255E+03	-.2346E+02	-.2496E+02	-.3919E+03	.8600E+03	.5234E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.3280E+04	.4292E+03	.1833E+02	-.8569E+02	.1419E+04	-.3734E+03
48	.2842E+04	.3718E+03	.2026E+02	-.1818E+03	.1314E+04	-.2687E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.4861E+04	.7412E+03	.2271E+02	.8076E+02	.9731E+03	-.1158E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1331E+02	-.2403E+02	.1532E+01	-.4942E+02	.1399E+04	-.3500E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.3329E+04	.5059E+03	.2256E+02	.1452E+02	.7885E+03	-.1092E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2332E+04	.3561E+03	.3028E+02	.1663E+02	.7435E+03	-.1062E+04
66	.7853E+03	.1231E+03	.3813E+02	.2730E+02	.6267E+03	-.1106E+04
67	-.1605E+04	-.2363E+03	.3816E+02	.2362E+02	.5074E+03	-.1105E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2858E+04	-.4247E+03	.3214E+02	-.1052E+03	.4090E+03	-.1087E+04
76	.3077E+03	.4902E+02	.2206E+02	-.1460E+03	.2744E+03	-.1096E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1198E+04	-.1784E+03	.1613E+02	-.1748E+03	.1062E+03	-.1060E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.5050E+03	.7613E+02	.1158E+02	-.2435E+03	.2775E+01	-.1030E+04
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.6998E+03	-.1061E+03	.1030E+02	-.1534E+03	-.1410E+03	-.9542E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.4639E+03	.6761E+02	.8633E+01	-.1733E+03	-.2279E+03	-.8728E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.5305E+03	-.8270E+02	.8826E+01	-.1734E+03	-.3467E+03	-.7843E+03
109	.3127E+03	.4298E+02	.7582E+01	-.1766E+03	-.4303E+03	-.6792E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.4419E+03	-.7119E+02	.7416E+01	-.1067E+03	-.5213E+03	-.5616E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2247E+03	-.3910E+02	.1562E+01	-.6185E+02	-.5657E+03	-.4411E+03
115	-.6543E+02	-.1550E+02	-.1977E+00	-.2479E+02	-.5709E+03	-.3182E+03
116	-.1785E+03	-.3323E+02	-.1732E+01	.2358E+01	-.6025E+03	-.2365E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1906E+03	-.3540E+02	-.3602E+01	-.3056E+02	-.6221E+03	-.2129E+03
119	-.1193E+03	-.2426E+02	-.5210E+01	.5148E+02	-.5696E+03	-.1175E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.3597E+03	-.4787E+02	-.2161E+02	.5136E+02	-.5026E+03	-.5870E+02
122	-.3030E+03	-.2450E+02	-.3771E+02	-.1593E+02	-.4868E+03	-.6382E+02
123	-.2312E+03	-.1648E+02	-.3349E+02	-.1092E+02	-.4262E+03	-.5779E+02
124	-.1699E+03	-.1173E+02	-.2311E+02	-.7458E+01	-.3519E+03	-.5291E+02
125	-.1132E+03	-.6209E+01	-.1697E+02	-.4587E+01	-.2919E+03	-.4824E+02
126	-.3835E+02	.5670E+01	-.1583E+02	-.9432E+00	-.2469E+03	-.4325E+02
127	.1702E+02	.1500E+02	-.1621E+02	.1535E+01	-.2124E+03	-.3685E+02
128	.7443E+02	.2287E+02	-.1570E+02	.7444E+01	-.1410E+03	-.2958E+02
129	.7656E+02	.2002E+02	-.1344E+02	.1013E+02	-.8299E+02	-.2308E+02
130	.5381E+02	.1239E+02	-.1012E+02	.1059E+02	-.3980E+02	-.1840E+02
131	.1449E+02	.2281E+01	-.7100E+01	.9224E+01	-.1561E+02	-.1534E+02
132	-.1517E+01	-.1024E+01	-.5283E+01	.6130E+01	-.1558E+02	-.1312E+02
133	-.2787E+01	-.8712E+00	-.4802E+01	.4242E+01	-.1708E+02	-.1097E+02
134	-.7744E+00	-.2618E+00	-.4765E+01	.3247E+01	-.1432E+02	-.6620E+01
135	-.2285E-01	-.2545E-01	-.5350E+01	.2478E+01	-.1013E+02	-.6355E+01
136	.6104E-02	-.3444E-01	-.7108E+01	.1739E+01	-.6583E+01	-.4245E+01
137	.1211E+00	.3963E-01	-.1111E+02	.1228E+01	-.2981E+01	-.2324E+01
138	-.4854E-01	-.2317E+00	-.1796E+03	.8438E+00	.7967E+00	-.1172E+01
139	-.1704E+00	-.2763E+00	.4424E+02	.1318E+00	-.4300E+00	.4384E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.40791E-02	.26422E-04	-.40811E-02	.00000E+00
3	.75797E-02	.78250E-04	-.75912E-02	.00000E+00
4	.82927E-02	.72030E-04	-.82919E-02	.00000E+00
5	.90442E-02	.17004E-04	-.90482E-02	.00000E+00
6	.10435E-01	-.50831E-05	-.10433E-01	.20266E-06
7	.95368E-02	.80918E-04	-.95711E-02	.00000E+00
8	.10468E-01	.60219E-04	-.10505E-01	.16866E-07
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.40623E-02	.19450E-04	-.41135E-02	.00000E+00
11	.76779E-02	.43779E-04	-.77989E-02	.00000E+00
12	.86519E-02	.37334E-04	-.87882E-02	.00000E+00
13	.94409E-02	.27490E-04	-.95088E-02	.00000E+00
	.10143E-01	.23348E-04	-.10691E-01	.36184E-07
	.96164E-02	.44626E-04	-.10036E-01	.00000E+00
	.10450E-01	.22860E-04	-.10997E-01	.66977E-06

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.41356E-02	-.14463E-05	-.43150E-02	.00000E+00
19	.78767E-02	-.19236E-04	-.82486E-02	.00000E+00
20	.89122E-02	-.22579E-04	-.93392E-02	.00000E+00
21	.97215E-02	-.60022E-04	-.10117E-01	.00000E+00
22	.10802E-01	-.84233E-04	-.11424E-01	-.92525E-06
23	.10053E-01	-.39782E-05	-.11036E-01	.00000E+00
24	.10994E-01	-.43705E-04	-.11994E-01	.20327E-05
25	.11109E-01	.50494E-05	-.12345E-01	-.66904E-06
26	.11181E-01	-.33985E-04	-.12558E-01	-.38553E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.42335E-02	-.97084E-05	-.45360E-02	.00000E+00
29	.81886E-02	-.53300E-04	-.87688E-02	.00000E+00
30	.91827E-02	-.90107E-04	-.10022E-01	.00000E+00
31	.10124E-01	-.66309E-04	-.11227E-01	.00000E+00
32	.11260E-01	-.60370E-04	-.12794E-01	.56714E-05
33	.10127E-01	.75347E-05	-.11254E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.42490E-02	.28317E-04	-.45751E-02	.00000E+00
36	.83259E-02	-.68344E-04	-.89525E-02	.00000E+00
37	.93318E-02	-.85070E-04	-.10020E-01	.00000E+00
38	.10478E-01	-.13660E-03	-.11705E-01	.00000E+00
39	.11380E-01	-.90945E-04	-.13191E-01	-.89533E-05
40	.11356E-01	-.16970E-04	-.13098E-01	-.46096E-05
41	.11333E-01	.13204E-04	-.13011E-01	-.98487E-06
42	.11306E-01	-.28520E-06	-.12915E-01	.31707E-05
43	.94293E-02	-.64350E-04	-.10043E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.41681E-02	-.19994E-03	-.43551E-02	.00000E+00
46	.85385E-02	-.12343E-03	-.88493E-02	.00000E+00
47	.11391E-01	-.15435E-03	-.13227E-01	-.64936E-05
48	.11387E-01	-.12589E-03	-.13222E-01	-.10523E-04
49	.10476E-01	-.12079E-03	-.11613E-01	.00000E+00
50	.11507E-01	-.12324E-03	-.13280E-01	-.28087E-04
51	.10718E-01	-.93374E-04	-.11502E-01	.00000E+00
52	.12008E-01	-.15271E-03	-.12654E-01	.00000E+00
53	.11400E-01	-.18471E-03	-.13246E-01	-.55979E-06
54	.94965E-02	-.15873E-03	-.95209E-02	.00000E+00
55	.10653E-01	-.71692E-04	-.10615E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.36639E-02	.33122E-03	-.34657E-02	.00000E+00
58	.78944E-02	.94445E-04	-.68152E-02	.00000E+00
59	.12344E-01	-.20269E-03	-.12269E-01	.00000E+00
60	.12080E-01	-.15309E-03	-.12390E-01	.00000E+00
61	.11614E-01	-.12913E-03	-.13318E-01	-.42533E-04
62	.92193E-02	-.10127E-03	-.82442E-02	.00000E+00
63	.10535E-01	-.20591E-03	-.96134E-02	.00000E+00
64	.12258E-01	-.17046E-03	-.12840E-01	.00000E+00
65	.11758E-01	-.12964E-03	-.13353E-01	-.52480E-04
66	.12111E-01	-.13130E-03	-.13424E-01	-.63282E-04
67	.12489E-01	-.13458E-03	-.13501E-01	-.60024E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.29947E-02	-.95452E-04	-.23507E-02	.00000E+00
70	.85004E-02	-.12119E-03	-.75642E-02	.00000E+00
71	.12256E-01	-.29465E-03	-.11272E-01	.00000E+00
72	.12617E-01	-.20398E-03	-.12927E-01	.00000E+00
73	.10458E-01	-.13441E-03	-.92195E-02	.00000E+00
74	.13389E-01	-.22705E-03	-.13503E-01	.00000E+00
75	.12809E-01	-.13678E-03	-.13570E-01	-.45273E-04
76	.13233E-01	-.13123E-03	-.13693E-01	-.31177E-04
77	.11944E-01	-.28409E-03	-.10573E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.36009E-02	.63731E-04	-.33458E-02	.00000E+00
80	.83029E-02	-.18519E-03	-.73011E-02	.00000E+00

81	.93170E-02	-.20579E-03	-.51361E-02	.00000E+00
82	.10209E-01	-.30207E-03	-.89825E-02	.00000E+00
83	.12675E-01	-.37583E-03	-.12610E-01	.00000E+00
84	.13202E-01	-.34377E-03	-.11793E-01	.00000E+00
85	.13709E-01	-.13505E-03	-.13857E-01	-.24722E-04
86	.13883E-01	-.24736E-03	-.13821E-01	.00000E+00
87	.12218E-01	-.25962E-03	-.10700E-01	.00000E+00
88	.14013E-01	-.24150E-03	-.13399E-01	.00000E+00
89	.14032E-01	-.12579E-03	-.14011E-01	-.12766E-04
90	.10033E-01	-.53505E-04	-.88593E-02	.00000E+00
91	.10639E-01	-.91210E-04	-.92498E-02	.00000E+00
92	.11279E-01	.57911E-04	-.96479E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.45216E-02	.00000E+00	-.41540E-02	.00000E+00
95	.81811E-02	.00000E+00	-.73625E-02	.00000E+00
96	.92640E-02	.00000E+00	-.82188E-02	.00000E+00
97	.97192E-02	.00000E+00	-.84935E-02	.00000E+00
98	.96406E-02	.00000E+00	-.84206E-02	.00000E+00
99	.10299E-01	.67438E-04	-.88833E-02	.00000E+00
100	.12034E-01	.24173E-04	-.10015E-01	.00000E+00
101	.13921E-01	-.63209E-04	-.12094E-01	.00000E+00
102	.14537E-01	-.12116E-03	-.14240E-01	-.17882E-04
103	.14356E-01	-.29540E-03	-.13193E-01	.00000E+00
104	.14776E-01	-.20023E-03	-.14353E-01	.00000E+00
105	.14889E-01	-.11768E-03	-.14439E-01	-.15775E-04
106	.14900E-01	-.36956E-03	-.13965E-01	.00000E+00
107	.15395E-01	-.17164E-03	-.14746E-01	.00000E+00
108	.15306E-01	-.11622E-03	-.14633E-01	-.15118E-04
109	.15601E-01	-.11449E-03	-.14792E-01	-.12701E-04
110	.15601E-01	.30379E-05	-.14696E-01	.00000E+00
111	.16028E-01	-.80775E-04	-.15251E-01	.00000E+00
112	.15926E-01	-.11223E-03	-.14940E-01	-.11403E-04
113	.15929E-01	-.11350E-03	-.14943E-01	.00000E+00
114	.16106E-01	-.12208E-03	-.15046E-01	-.47710E-05
115	.16185E-01	-.12619E-03	-.15141E-01	-.19450E-05
116	.16209E-01	-.13746E-03	-.15192E-01	-.17525E-06
117	.16135E-01	-.82337E-04	-.15449E-01	.00000E+00
118	.16205E-01	-.14054E-03	-.15219E-01	.97529E-06
119	.16166E-01	-.14713E-03	-.15253E-01	.28073E-05
120	.16253E-01	-.11194E-03	-.15530E-01	.00000E+00
121	.16065E-01	-.16037E-03	-.15267E-01	.61917E-05
122	.16052E-01	-.21167E-03	-.15284E-01	.78404E-05
123	.16032E-01	-.26525E-03	-.15298E-01	.91150E-05
124	.16009E-01	-.32505E-03	-.15312E-01	.10561E-04
125	.15977E-01	-.39449E-03	-.15327E-01	.12256E-04
126	.15913E-01	-.52954E-03	-.15351E-01	.14205E-04
127	.15845E-01	-.67502E-03	-.15375E-01	.14453E-04
128	.15715E-01	-.86355E-03	-.15423E-01	.11522E-04
129	.15630E-01	-.11749E-02	-.15467E-01	.70780E-05
130	.15588E-01	-.12390E-02	-.15516E-01	.19072E-05
131	.15614E-01	-.12288E-02	-.15590E-01	-.36273E-05
132	.15681E-01	-.10203E-02	-.15655E-01	-.51049E-05
133	.15740E-01	-.80571E-03	-.15711E-01	-.43974E-05
134	.15780E-01	-.63077E-03	-.15757E-01	-.36245E-05
135	.15807E-01	-.47783E-03	-.15794E-01	-.33625E-05
136	.15327E-01	-.32795E-03	-.15821E-01	-.33884E-05
137	.15838E-01	-.18206E-03	-.15837E-01	-.33470E-05
138	.15846E-01	-.27400E-04	-.15846E-01	-.34797E-05
139	.15846E-01	-.33484E-05	-.15846E-01	-.33977E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 TIME = .5600E+01

ELM	R-DN Z-DN	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	[illegible]RESS [illegible]RAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-
1	72.00	-7.53E-04	6.14E-03	-3.53E-03	4.97E-01	7.90E-04	-5.03E-01	5.00E-01	-4.95E-01	45.20	-7.53E-04	4.97E-01
	-303.00	-5.83E-08	2.55E-07	-1.85E-07	4.52E-05	7.18E-08	-4.57E-05	2.27E-05	-2.25E-05			
2	72.00	8.89E-03	1.20E-02	-1.15E-02	4.33E-01	-2.08E-03	-4.44E-01	4.44E-01	-4.23E-01	45.10	8.89E-03	4.33E-01
	-213.00	2.83E-07	4.23E-07	-6.45E-07	3.94E-05	-1.89E-07	-4.06E-05	2.00E-05	-1.93E-05			
3	72.00	8.82E-02	1.39E-02	-2.26E-02	3.04E-01	-3.33E-02	-3.28E-01	3.57E-01	-2.55E-01	41.52	8.82E-02	3.04E-01
	-136.00	1.59E-06	-1.01E-07	-9.31E-07	1.39E-05	-1.51E-06	-1.49E-05	7.70E-06	-6.22E-06			
4	24.00	3.39E-01	1.54E-01	1.99E-01	5.85E-01	-9.49E-02	-6.44E-01	8.39E-01	-3.46E-01	40.49	3.39E-01	5.85E-01
	-68.00	5.45E-06	-1.69E-06	3.56E-08	4.50E-05	-7.30E-06	-4.95E-05	2.47E-05	-2.09E-05			
5	72.00	-7.87E-02	-3.86E-02	-1.16E-01	2.45E-01	5.68E-03	-2.61E-01	1.87E-01	-3.05E-01	47.34	-3.86E-02	-2.45E-01
	-88.00	-4.64E-07	1.08E-06	-1.89E-06	1.89E-05	4.37E-07	-2.01E-05	9.76E-06	-9.15E-06			
6	120.00	-3.52E-02	-2.70E-02	-6.63E-02	5.02E-01	2.60E-02	-4.86E-01	4.71E-01	-5.34E-01	45.23	4.64E-01	-8.66E-02
	-68.00	5.73E-08	3.73E-07	-1.14E-06	3.86E-05	2.00E-06	-3.74E-05	1.95E-05	-1.91E-05			
7	36.25	1.50E-01	6.29E-02	4.16E-02	2.83E-01	-3.83E-02	-2.73E-01	3.93E-01	-1.80E-01	40.63	1.40E-01	2.84E-01
	-19.00	2.97E-06	-3.77E-07	-1.20E-06	2.18E-05	-2.95E-06	-2.10E-05	1.23E-05	-9.71E-06			
8	108.00	-1.48E-02	-3.45E-02	-5.24E-02	2.31E-01	4.54E-04	-2.43E-01	2.06E-01	-2.56E-01	43.78	-1.48E-02	2.31E-01
	-19.00	5.47E-07	-2.10E-07	-8.96E-07	1.78E-05	3.49E-08	-1.87E-05	9.06E-06	-8.72E-06			
9	216.00	9.44E-03	6.05E-03	-2.03E-03	5.00E-01	-4.76E-03	-5.15E-01	5.08E-01	-4.92E-01	44.90	9.44E-03	5.00E-01
	-303.00	2.54E-07	1.00E-07	-2.67E-07	4.55E-05	-4.33E-07	-4.68E-05	2.29E-05	-2.26E-05			
10	216.00	2.71E-02	7.10E-03	-1.21E-02	4.46E-01	-1.57E-02	-4.66E-01	4.64E-01	-4.29E-01	44.36	2.71E-02	4.46E-01
	-213.00	9.45E-08	3.63E-08	-8.38E-07	4.06E-05	-1.42E-06	-4.24E-05	2.08E-05	-1.98E-05			
11	216.00	8.00E-02	6.38E-03	-4.40E-02	3.59E-01	-4.96E-02	-3.82E-01	4.04E-01	-3.18E-01	42.07	8.00E-02	3.59E-01
	-136.00	1.60E-06	-7.74E-08	-1.22E-06	1.63E-05	-2.25E-06	-1.74E-05	8.96E-06	-7.44E-06			
12	168.00	1.38E-01	6.79E-02	5.28E-02	5.54E-01	-8.46E-02	-5.85E-01	6.59E-01	-4.53E-01	43.19	1.38E-01	5.54E-01
	-68.00	2.47E-06	-2.32E-07	-8.12E-07	4.27E-05	-6.50E-06	-4.50E-05	2.25E-05	-2.03E-05			
13	216.00	-1.15E-01	-3.81E-02	-1.33E-01	2.12E-01	-1.09E-02	-2.25E-01	1.39E-01	-2.92E-01	50.13	-3.81E-02	-2.12E-01
	-88.00	-1.28E-06	1.68E-06	-1.97E-06	1.63E-05	-8.42E-07	-1.73E-05	8.50E-06	-8.10E-06			
14	264.00	2.10E-02	-1.96E-02	-5.82E-02	4.84E-01	6.23E-03	-4.87E-01	4.86E-01	-4.84E-01	43.80	4.74E-01	-1.07E-01
	-68.00	1.43E-06	-1.28E-07	-1.62E-06	3.73E-05	4.79E-07	-3.75E-05	1.93E-05	-1.80E-05			
15	180.00	7.22E-02	1.51E-02	-1.46E-02	2.41E-01	-5.75E-02	-2.42E-01	2.86E-01	-1.99E-01	41.61	7.22E-02	2.41E-01
	-19.00	1.98E-06	-2.19E-07	-1.36E-06	1.85E-05	-4.42E-06	-1.86E-05	1.02E-05	-8.44E-06			
16	252.00	2.52E-02	-3.10E-02	-6.67E-02	2.18E-01	-2.29E-02	-2.53E-01	2.16E-01	-2.22E-01	41.32	2.52E-02	2.18E-01
	-19.00	1.77E-06	-3.96E-07	-1.77E-06	1.67E-05	-1.76E-06	-1.95E-05	9.12E-06	-7.75E-06			
17	361.00	4.72E-03	-4.02E-03	-1.00E-02	5.11E-01	-4.65E-03	-5.41E-01	5.12E-01	-5.11E-01	44.76	4.72E-03	5.11E-01
	-303.00	3.35E-07	-6.20E-08	-3.34E-07	4.65E-05	-4.23E-07	-4.92E-05	2.34E-05	-2.31E-05			
18	361.00	3.27E-02	-6.26E-03	-2.00E-02	4.69E-01	-1.70E-02	-4.98E-01	4.82E-01	-4.56E-01	43.81	3.27E-02	4.69E-01
	-213.00	1.40E-06	-3.69E-07	-9.93E-07	4.26E-05	-1.54E-06	-4.53E-05	2.18E-05	-2.08E-05			
19	361.00	9.31E-02	-7.59E-03	-6.22E-02	3.64E-01	-5.68E-02	-4.27E-01	4.10E-01	-3.25E-01	41.06	9.31E-02	3.64E-01
	-136.00	1.99E-06	-2.95E-07	-1.54E-06	1.66E-05	-2.58E-06	-1.94E-05	9.20E-06	-7.50E-06			
20	312.00	2.39E-01	9.51E-02	8.40E-02	6.08E-01	-1.48E-01	-7.04E-01	7.79E-01	-4.45E-01	41.62	2.39E-01	6.08E-01
	-68.00	4.60E-06	-9.38E-07	-1.37E-06	4.67E-05	-1.14E-05	-5.41E-05	2.54E-05	-2.17E-05			
21	360.67	-1.86E-01	-7.23E-02	-1.88E-01	2.63E-01	-1.13E-03	-3.27E-01	1.39E-01	-3.98E-01	51.14	-7.23E-02	-2.63E-01
	-88.00	-2.26E-06	2.13E-06	-2.33E-06	2.02E-05	-8.70E-08	-2.51E-05	1.03E-05	-1.04E-05			
22	409.33	8.51E-02	1.18E-01	6.66E-03	5.86E-01	-6.92E-03	-7.39E-01	6.88E-01	-4.84E-01	45.81	6.78E-01	-1.05E-01
	-68.00	9.66E-07	2.24E-06	-2.05E-06	4.50E-05	-5.32E-07	-5.68E-05	2.41E-05	-2.09E-05			
23	324.00	1.29E-01	2.19E-02	-2.40E-02	2.34E-01	-1.03E-01	-2.51E-01	3.16E-01	-1.65E-01	38.56	1.29E-01	2.34E-01
	-19.00	3.57E-06	-5.51E-07	-2.32E-06	1.80E-05	-7.95E-06	-1.93E-05	1.07E-05	-7.73E-06			
24	372.00	7.04E-02	-8.15E-02	-8.86E-02	6.71E-01	-9.59E-02	-7.18E-01	6.84E-01	-6.65E-01	42.41	7.04E-02	6.71E-01
	-8.33	3.47E-06	-1.21E-06	-2.64E-06	5.16E-05	-7.38E-06	-5.53E-05	2.71E-05	-2.48E-05			
25	401.25	2.85E-02	-9.45E-03	-9.89E-02	2.15E-01	-3.50E-02	-2.84E-01	2.26E-01	-2.07E-01	42.48	-1.75E-01	1.13E-01
	-19.00	1.98E-06	5.14E-07	-2.93E-06	1.66E-05	-2.70E-06	-2.19E-05	9.56E-06	-7.07E-06			
26	427.67	2.23E-01	1.33E-01	4.88E-02	7.31E-01	-1.28E-01	-9.99E-01	9.11E-01	-5.54E-01	43.25	6.47E-01	5.63E-01
	-8.33	4.13E-06	6.78E-07	-2.58E-06	5.62E-05	-9.84E-06	-7.68E-05	3.06E-05	-2.56E-05			
27	457.00	6.57E-04	-6.93E-04	-1.06E-02	5.23E-01	-8.97E-04	-5.57E-01	5.23E-01	-5.23E-01	44.96	6.57E-04	5.23E-01
	-303.00	1.62E-07	1.07E-07	-3.44E-07	4.75E-05	-8.15E-08	-5.06E-05	2.39E-05	-2.36E-05			
28	457.00	2.95E-02	-2.49E-02	-2.91E-02	4.94E-01	-1.56E-02	-5.26E-01	4.97E-01	-4.93E-01	43.43	2.95E-02	4.94E-01
	-213.00	1.66E-06	-8.13E-07	-1.00E-06	4.49E-05	-1.42E-06	-4.78E-05	2.29E-05	-2.21E-05			
29	457.00	1.77E-01	2.23E-02	-2.58E-02	3.65E-01	-1.04E-02	-4.22E-01	4.73E-01	-2.74E-01	39.03	1.77E-01	3.65E-01
	-136.00	3.11E-06	-4.02E-07	-1.50E-06	1.66E-05	-4.74E-07	-1.52E-05	9.84E-06	-7.13E-06			
30	442.00	3.61E-02	9.65E-02	-1.61E-02	6.53E-01	1.01E-02	-7.86E-01	7.20E-01	-5.87E-01	46.32	3.61E-02	6.53E-01
	-68.00	1.09E-07	2.43E-06	-1.90E-06	5.02E-05	7.75E-07	-6.05E-05	2.64E-05	-2.35E-05			
31	457.33	-7.30E-01	-4.57E-01	-5.57E-01	2.38E-01	3.70E-01	-4.05E-01	-3.35E-01	-4.21E-01	62.87	-4.57E-01	-2.38E-01

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	-88.00	-1.08E-05	2.24E-06	-1.10E-06	1.83E-05	2.64E-05	-3.11E-05	7.03E-06	-1.55E-05				
32	472.67	1.16E+00	7.41E-01	7.07E-01	5.84E-01	-2.49E-01	-9.95E-01	1.57E+00	3.30E-01	35.12	1.49E+00	3.10E-01	
	-68.00	1.60E-05	-1.74E-07	-1.46E-06	4.49E-05	-1.90E-05	-7.66E-05	3.18E-05	-1.60E-05				
33	442.00	1.07E-01	3.58E-02	-5.34E-02	3.19E-01	-5.05E-02	-3.77E-01	3.92E-01	-2.50E-01	41.64	1.07E-01	3.19E-01	
	-10.50	3.12E-06	3.69E-07	-3.03E-06	2.46E-05	-3.88E-06	-2.90E-05	1.41E-05	-1.06E-05				
34	454.00	9.14E-01	5.69E-01	5.03E-01	8.79E-01	-2.79E-01	-1.25E+00	1.64E+00	-1.54E-01	39.45	1.26E+00	7.31E-01	
	-11.33	1.33E-05	6.51E-08	-2.48E-06	6.76E-05	-2.15E-05	-9.59E-05	4.12E-05	-2.78E-05				
35	461.67	2.25E-02	-3.79E-02	-9.50E-02	9.41E-01	-7.09E-02	-1.29E+00	8.34E-01	-8.45E-01	43.97	2.25E-02	8.41E-01	
	-12.00	2.08E-06	-2.44E-07	-2.44E-06	6.47E-05	-5.45E-06	-9.92E-05	3.33E-05	-3.14E-05				
36	469.00	-5.86E-01	-2.52E-01	-4.46E-01	7.60E-02	3.24E-01	-4.99E-01	-2.73E-01	-6.04E-01	76.33	-2.92E-01	-7.60E-02	
	-30.00	-7.98E-06	3.32E-06	-2.62E-06	5.84E-06	2.49E-05	-3.94E-05	4.03E-06	-8.69E-06				
37	476.33	2.37E-01	2.83E-01	1.14E-01	5.50E-01	-7.65E-02	-1.05E+00	8.19E-01	-2.99E-01	46.17	4.57E-01	5.23E-01	
	-12.00	2.15E-06	3.91E-06	-2.58E-06	4.29E-05	-5.68E-06	-8.05E-05	2.45E-05	-1.85E-05				
38	558.50	-6.89E-02	-8.41E-02	-6.83E-02	5.06E-01	1.02E-02	-5.45E-01	4.30E-01	-5.83E-01	44.57	-6.89E-02	5.06E-01	
	-303.00	-2.59E-07	-9.50E-07	-2.30E-07	4.60E-05	9.30E-07	-4.95E-05	2.24E-05	-2.36E-05				
39	558.50	-6.06E-03	-1.79E-02	-2.96E-02	5.06E-01	1.85E-02	-5.40E-01	4.94E-01	-5.18E-01	44.67	-6.06E-03	5.06E-01	
	-213.00	4.30E-07	-1.19E-07	-6.49E-07	4.60E-05	1.68E-06	-4.91E-05	2.32E-05	-2.29E-05				
40	506.17	3.94E-02	-3.58E-02	-6.97E-02	1.15E+00	2.07E-02	-1.18E+00	1.15E+00	-1.15E+00	44.06	3.94E-02	1.15E+00	
	-128.00	1.24E-06	-4.66E-07	-1.24E-06	5.22E-05	9.41E-07	-5.36E-05	2.65E-05	-2.57E-05				
41	558.50	-1.98E-01	-2.46E-03	-9.19E-02	4.66E-01	2.08E-01	-6.52E-01	3.76E-01	-5.77E-01	50.92	-2.46E-03	-4.66E-01	
	-148.00	-2.96E-06	1.48E-06	-5.56E-07	2.12E-05	9.48E-06	-2.96E-05	1.01E-05	-1.16E-05				
42	610.83	4.28E-02	-3.32E-03	-1.72E-02	1.00E+00	1.58E-01	-9.26E-01	1.02E+00	-9.83E-01	44.34	9.81E-01	-2.85E-01	
	-128.00	8.57E-07	-1.92E-07	-5.09E-07	4.56E-05	7.16E-06	-4.21E-05	2.31E-05	-2.25E-05				
43	501.38	-5.43E-02	-8.50E-02	-1.22E-01	2.55E-01	7.09E-02	-3.22E-01	1.85E-01	-3.25E-01	43.27	-5.43E-02	2.55E-01	
	-78.00	7.97E-07	-3.97E-07	-1.83E-06	1.96E-05	5.45E-06	-2.48E-05	1.00E-05	-9.62E-06				
44	534.67	1.05E-01	-3.26E-02	-1.28E-02	7.90E-01	3.51E-02	-9.71E-01	8.29E-01	-7.57E-01	42.51	8.02E-01	-2.05E-01	
	-68.00	3.38E-06	-1.91E-06	-1.15E-06	6.08E-05	2.70E-06	-7.47E-05	3.12E-05	-2.98E-05				
45	584.67	-1.76E-01	-1.82E-01	-1.81E-01	8.27E-01	1.61E-01	-7.55E-01	6.48E-01	-1.01E+00	44.88	-1.76E-01	8.27E-01	
	-68.00	-8.24E-07	-1.09E-06	-1.05E-06	6.36E-05	1.23E-05	-5.80E-05	3.09E-05	-3.28E-05				
46	610.83	-7.85E-01	-3.30E-01	-4.48E-01	4.41E-01	3.55E-01	-5.84E-01	-6.14E-02	-1.05E+00	58.64	-3.30E-01	-4.41E-01	
	-88.00	-1.30E-05	4.47E-06	-3.99E-08	3.39E-05	2.73E-05	-4.49E-05	1.48E-05	-2.34E-05				
47	482.63	-8.82E-02	-9.99E-02	-1.89E-01	1.83E-01	9.29E-02	-3.68E-01	8.91E-02	-2.77E-01	44.09	-8.82E-02	1.83E-01	
	-21.00	7.47E-07	2.97E-07	-3.11E-06	1.41E-05	7.15E-06	-2.83E-05	7.56E-06	-6.52E-06				
48	485.83	-1.07E-01	-1.69E-01	-1.96E-01	5.51E-01	1.15E-02	-1.16E+00	4.13E-01	-6.90E-01	43.39	-3.64E-02	5.42E-01	
	-12.00	1.07E-06	-1.32E-06	-2.34E-06	4.24E-05	8.85E-07	-8.93E-05	2.11E-05	-2.13E-05				
49	507.88	-2.10E-02	-1.25E-01	-1.59E-01	2.03E-01	4.28E-02	-3.97E-01	1.37E-01	-2.83E-01	37.82	-2.10E-02	2.03E-01	
	-21.00	2.54E-06	-1.46E-06	-2.76E-06	1.56E-05	3.29E-06	-3.05E-05	8.61E-06	-7.53E-06				
50	535.67	1.11E-01	-1.03E-01	-5.00E-02	7.18E-01	2.37E-01	-8.75E-01	7.30E-01	-7.23E-01	40.77	7.08E-01	-1.76E-01	
	-10.00	4.72E-06	-3.50E-06	-1.46E-06	5.53E-05	1.82E-05	-6.73E-05	2.85E-05	-2.73E-05				
51	484.67	-2.64E+00	-1.85E+00	-1.94E+00	-5.66E-02	2.10E-01	-1.23E-01	-1.85E+00	-2.65E+00	-85.93	-1.85E+00	5.66E-02	
	8.00	-3.10E-05	-5.59E-07	-3.79E-06	-4.35E-06	1.61E-05	-9.42E-06	-4.04E-07	-3.12E-05				
52	507.00	7.19E-01	8.45E-01	5.16E-01	4.79E-01	1.06E-01	2.74E-01	1.27E+00	2.98E-01	48.75	1.17E+00	2.91E-01	
	9.00	4.79E-06	9.65E-06	-3.01E-06	3.69E-05	8.18E-06	2.10E-05	2.58E-05	-1.14E-05				
53	603.00	2.92E-02	-5.46E-02	-2.50E-02	3.24E-01	9.70E-02	-2.89E-01	3.14E-01	-3.39E-01	41.31	-1.82E-01	2.79E-01	
	-18.00	1.68E-06	-1.55E-06	-4.07E-07	2.49E-05	7.46E-06	-2.22E-05	1.26E-05	-1.25E-05				
54	712.00	-7.87E-02	-2.56E-02	-4.16E-02	4.98E-01	3.26E-02	-4.78E-01	4.47E-01	-5.51E-01	46.52	-7.87E-02	4.98E-01	
	-303.00	-1.68E-06	7.29E-07	3.91E-09	4.53E-05	2.96E-06	-4.35E-05	2.22E-05	-2.31E-05				
55	712.00	-2.80E-01	-2.15E-01	-1.90E-01	5.53E-01	1.04E-01	-4.80E-01	3.07E-01	-8.01E-01	46.67	-2.80E-01	5.53E-01	
	-213.00	-3.83E-06	-8.90E-07	2.74E-07	5.03E-05	9.47E-06	-4.36E-05	2.28E-05	-2.75E-05				
56	712.00	-2.80E-01	-2.30E-01	-1.18E-01	4.39E-01	2.30E-01	-3.83E-01	1.85E-01	-6.94E-01	46.64	-2.80E-01	4.39E-01	
	-138.00	-3.07E-06	-1.93E-06	6.04E-07	1.99E-05	1.04E-05	-1.74E-05	7.49E-06	-1.25E-05				
57	712.00	-7.56E-02	-4.51E-02	-2.38E-02	2.65E-01	9.00E-02	-2.64E-01	2.05E-01	-3.25E-01	46.65	-7.56E-02	2.65E-01	
	-78.00	-1.32E-06	-1.47E-07	6.71E-07	2.03E-05	6.92E-06	-2.03E-05	9.46E-06	-1.09E-05				
58	712.00	-1.12E-01	-1.42E-01	-7.56E-02	3.60E-01	7.74E-02	-3.55E-01	2.33E-01	-4.87E-01	43.82	-1.12E-01	3.60E-01	
	-18.00	-6.86E-07	-1.83E-06	7.09E-07	2.77E-05	5.95E-06	-2.73E-05	1.26E-05	-1.51E-05				
59	837.00	-1.45E+00	-8.32E-01	-9.13E-01	4.24E-01	2.54E-01	-4.24E-01	-6.17E-01	-1.67E+00	63.06	-8.32E-01	-4.24E-01	
	-318.00	-2.44E-05	3.68E-06	.00E+00	3.85E-05	2.31E-05	-3.85E-05	1.35E-05	-3.42E-05				
60	887.00	-2.43E-01	-1.05E-01	-1.39E-01	1.14E+00	8.18E-02	-9.98E-01	9.67E-01	-1.32E+00	46.74	8.63E-01	-4.75E-01	
	-288.00	-4.73E-06	1.56E-06	.00E+00	1.04E-04	7.43E-06	-9.07E-05	5.03E-05	-5.34E-05				
61	987.00	2.22E-01	9.63E-02	1.27E-01	1.17E+00	-7.30E-02	-9.84E-01	1.33E+00	-1.02E+00	43.47	2.22E-01	1.17E+00	
	-288.00	4.31E-06	-1.41E-06	.00E+00	1.07E-04	-6.63E-06	-8.94E-05	5.49E-05	-5.20E-05				
62	1037.00	-1.52E+00	-9.63E-01	-9.94E-01	8.76E-01	2.45E-01	-6.18E-01	-3.23E-01	-2.16E+00	53.86	-9.63E-01	-8.76E-01	
	-318.00	[illegible]0E-05	1.42E-06	.00E+00	7.96E-05	7.23E-05	-7[illegible]08	3.05E-05	-5.31E-05				
63	842.[illegible]	[illegible]9E-02	-7.54E-02	-2.54E-02	5.74E-01	4.43E-03	[illegible]01	5.11E-01	-6.37E-01	44.39	-5.09E-02	5.74	

	-213.	[illegible]4E-07	-1.46E-06	9.17E-07	5.22E-05	4.03E-07	[illegible]-05	2.52E-05	-2.70E-05					
64	1032.00	[illegible]20E-02	-4.48E-03	4.43E-02	5.30E-01	-3.44E-02	[illegible]-01	6.59E-01	-6.02E-01	43.49	6.20E-02	6.30E-		
	-213.00	1.50E-06	-1.53E-06	6.91E-07	5.72E-05	-3.13E-06	-5.[illegible]E-05	2.86E-05	-2.87E-05					
65	837.00	1.82E-01	-1.66E-01	8.69E-02	4.20E-01	-1.45E-01	-5.21E-01	4.82E-01	-4.05E-01	35.53	-1.06E-01	-4.20E-01		
	-148.00	3.29E-06	-3.26E-06	1.12E-06	1.91E-05	-6.57E-06	-2.37E-05	1.01E-05	-1.03E-05					
66	937.00	-2.18E-02	-9.37E-02	2.25E-02	7.82E-01	-1.41E-02	-6.86E-01	7.25E-01	-8.40E-01	43.68	4.55E-01	-5.91E-01		
	-128.00	-7.86E-08	-1.64E-06	9.99E-07	3.55E-05	-6.39E-07	-3.12E-05	1.70E-05	-1.86E-05					
67	1037.00	-6.29E-01	-2.29E-01	-2.02E-01	7.27E-01	1.78E-01	-7.05E-01	3.25E-01	-1.18E+00	52.68	-2.29E-01	-7.27E-01		
	-148.00	-8.73E-06	3.47E-07	9.66E-07	3.30E-05	9.11E-06	-3.20E-05	1.29E-05	-2.13E-05					
68	837.00	-1.74E-01	-2.71E-01	-1.36E-01	8.51E-01	1.90E-02	-8.03E-01	6.30E-01	-1.08E+00	43.37	-1.74E-01	8.51E-01		
	-68.00	-3.16E-07	-4.04E-06	1.17E-06	6.55E-05	1.46E-06	-6.18E-05	3.06E-05	-3.50E-05					
69	937.00	-1.77E-01	-1.99E-02	-3.70E-02	4.01E-01	4.13E-02	-3.49E-01	3.10E-01	-5.07E-01	50.56	-1.99E-02	-4.01E-01		
	-88.00	-4.25E-06	1.81E-06	1.15E-06	3.08E-05	3.18E-06	-2.69E-05	1.45E-05	-1.69E-05					
70	1037.00	-1.93E-01	-1.96E-01	-1.18E-01	6.91E-01	6.99E-03	-5.99E-01	4.96E-01	-8.85E-01	44.94	2.81E-01	-5.01E-01		
	-68.00	-1.86E-06	-1.97E-06	1.04E-06	5.31E-05	5.37E-07	-4.61E-05	2.46E-05	-2.85E-05					
71	862.00	-1.28E-01	-1.49E-01	-6.28E-02	3.48E-01	3.02E-02	-3.23E-01	2.09E-01	-4.86E-01	44.16	-1.28E-01	3.48E-01		
	-18.00	-1.20E-06	-1.99E-06	1.32E-06	2.68E-05	2.33E-06	-2.48E-05	1.18E-05	-1.50E-05					
72	1012.00	2.15E-02	-1.37E-03	5.64E-02	3.69E-01	-1.25E-02	-3.29E-01	3.79E-01	-3.55E-01	44.11	2.15E-02	3.69E-01		
	-18.00	-1.59E-08	-8.94E-07	1.33E-06	2.84E-05	-9.63E-07	-2.53E-05	1.38E-05	-1.47E-05					
73	1387.00	7.12E-02	6.21E-02	5.67E-02	4.96E-01	-8.64E-03	-4.58E-01	5.62E-01	-4.29E-01	44.74	7.12E-02	4.96E-01		
	-303.00	7.67E-07	3.54E-07	1.12E-07	4.51E-05	-7.86E-07	-4.17E-05	2.31E-05	-2.20E-05					
74	1387.00	2.47E-03	-4.26E-02	-2.49E-03	5.12E-01	-1.28E-02	-4.38E-01	4.93E-01	-5.33E-01	43.74	2.47E-03	5.12E-01		
	-213.00	6.66E-07	-1.38E-06	4.40E-07	4.66E-05	-1.16E-06	-3.98E-05	2.29E-05	-2.37E-05					
75	1387.00	1.27E-02	7.56E-03	4.68E-02	3.73E-01	-1.83E-02	-3.09E-01	3.83E-01	-3.63E-01	44.80	1.27E-02	3.73E-01		
	-138.00	-6.24E-08	-1.80E-07	7.11E-07	1.70E-05	-8.31E-07	-1.40E-05	8.36E-06	-8.61E-06					
76	1187.00	-3.07E-02	-3.17E-02	8.19E-03	6.17E-01	-6.50E-03	-5.21E-01	5.86E-01	-6.49E-01	44.98	-3.07E-02	6.17E-01		
	-68.00	-5.87E-07	-6.22E-07	9.11E-07	4.75E-05	-5.00E-07	-4.01E-05	2.31E-05	-2.43E-05					
77	1387.00	-1.18E-01	-1.24E-01	-6.93E-02	2.60E-01	5.02E-04	-2.08E-01	1.39E-01	-3.81E-01	44.70	-1.24E-01	-2.60E-01		
	-88.00	-1.12E-06	-1.34E-06	7.54E-07	2.00E-05	3.86E-08	-1.60E-05	8.77E-06	-1.12E-05					
78	1587.00	-9.37E-02	-8.97E-02	-4.94E-02	3.66E-01	7.29E-03	-2.58E-01	2.74E-01	-4.58E-01	45.16	5.10E-02	-3.37E-01		
	-68.00	-1.05E-06	-8.92E-07	6.59E-07	2.82E-05	5.61E-07	-1.98E-05	1.31E-05	-1.51E-05					
79	1237.00	-1.70E-01	-9.32E-02	-6.63E-02	2.92E-01	2.01E-02	-2.26E-01	1.63E-01	-4.27E-01	48.75	-1.70E-01	2.92E-01		
	-18.00	-2.92E-06	3.95E-08	1.07E-06	2.25E-05	1.55E-06	-1.74E-05	9.90E-06	-1.28E-05					
80	1433.80	-1.07E-01	-2.42E-02	-2.27E-02	3.35E-01	2.33E-02	-1.74E-01	2.72E-01	-4.03E-01	48.52	-1.07E-01	3.35E-01		
	-8.00	-2.42E-06	7.59E-07	8.18E-07	2.58E-05	1.79E-06	-1.34E-05	1.22E-05	-1.38E-05					
81	1533.80	-1.84E-01	-3.46E-02	-5.82E-02	1.82E-01	3.82E-02	-1.19E-01	8.75E-02	-3.06E-01	56.14	-3.46E-02	-1.82E-01		
	-28.00	-4.02E-06	1.71E-06	7.99E-07	1.40E-05	2.94E-06	-9.15E-06	6.40E-06	-8.72E-06					
82	1633.80	-2.24E-01	-8.79E-02	-9.76E-02	8.61E-02	2.79E-02	-5.29E-02	-4.63E-02	-2.66E-01	64.20	-4.81E-02	-1.98E-02		
	-8.00	-4.13E-06	1.12E-06	7.50E-07	6.63E-06	2.15E-06	-4.07E-06	2.73E-06	-5.73E-06					
83	1433.80	-7.05E-01	-3.15E-01	-3.72E-01	2.08E-01	1.26E-01	-1.11E-01	-2.25E-01	-7.95E-01	66.59	-3.15E-01	-2.08E-01		
	27.60	-1.18E-05	3.18E-06	9.88E-07	1.60E-05	9.68E-06	-8.55E-06	6.65E-06	-1.53E-05					
84	1296.10	-2.55E-01	-4.77E-02	-7.49E-02	2.10E-01	4.17E-02	-8.91E-02	8.30E-02	-3.85E-01	58.12	-1.75E-01	-2.33E-01		
	40.70	-5.65E-06	2.31E-06	1.26E-06	1.62E-05	3.21E-06	-6.85E-06	7.34E-06	-1.07E-05					
85	1148.60	-1.09E-01	6.59E-02	3.09E-02	3.18E-01	6.30E-02	-2.23E-01	3.08E-01	-3.51E-01	52.69	2.61E-01	1.70E-01		
	57.33	-4.06E-06	2.67E-06	1.32E-06	2.44E-05	4.85E-06	-1.72E-05	1.20E-05	-1.34E-05					
86	1131.40	-8.99E-01	-4.42E-01	-4.71E-01	1.34E-01	2.31E-01	-4.11E-02	-4.05E-01	-9.36E-01	74.77	-4.42E-01	-1.34E-01		
	112.00	-1.47E-05	2.92E-06	1.78E-06	1.03E-05	1.78E-05	-3.16E-06	4.33E-06	-1.61E-05					
87	1019.80	-2.62E-01	-2.42E-01	-1.48E-01	3.07E-01	5.33E-02	-3.35E-01	5.48E-02	-5.59E-01	45.91	-2.42E-01	-3.07E-01		
	34.67	-2.91E-06	-2.16E-06	1.49E-06	2.36E-05	4.10E-06	-2.58E-05	9.27E-06	-1.43E-05					
88	886.60	-1.42E-01	-1.20E-01	-5.51E-02	2.76E-01	3.29E-02	-2.76E-01	1.45E-01	-4.07E-01	46.16	-1.42E-01	2.76E-01		
	46.00	-1.98E-06	-1.12E-06	1.36E-06	2.12E-05	2.53E-06	-2.13E-05	9.07E-06	-1.22E-05					
89	865.80	-4.87E-01	-2.23E-01	-2.25E-01	1.85E-01	1.38E-01	-1.53E-01	-1.28E-01	-5.82E-01	62.74	-2.23E-01	-1.85E-01		
	96.00	-8.45E-06	1.70E-06	1.62E-06	1.42E-05	1.06E-05	-1.17E-05	5.37E-06	-1.21E-05					
90	952.60	-1.36E-01	2.10E-01	8.34E-02	3.47E-01	9.07E-02	-2.67E-01	4.25E-01	-3.51E-01	58.25	3.27E-01	-2.58E-01		
	128.00	-6.96E-06	6.35E-06	1.48E-06	2.67E-05	6.98E-06	-2.05E-05	1.46E-05	-1.52E-05					
91	869.80	-1.45E-01	4.19E-03	-7.57E-03	1.93E-01	8.05E-02	-1.16E-01	1.37E-01	-2.77E-01	55.55	-1.45E-01	1.93E-01		
	160.00	-3.94E-06	1.79E-06	1.34E-06	1.48E-05	6.20E-06	-8.94E-06	6.88E-06	-9.03E-06					
92	869.80	-7.99E-01	-3.02E-01	-3.64E-01	1.39E-01	3.05E-01	-1.14E-01	-2.66E-01	-8.35E-01	75.43	-3.02E-01	-1.39E-01		
	203.60	-1.46E-05	4.49E-06	2.10E-06	1.07E-05	2.34E-05	-8.75E-06	5.87E-06	-1.60E-05					
93	598.67	1.32E-01	-9.34E-02	2.01E-02	5.60E-01	2.02E-01	-5.77E-01	5.90E-01	-5.51E-01	39.30	-9.34E-02	-5.60E-01		
	16.00	4.44E-06	-4.24E-06	1.25E-07	4.30E-05	1.55E-05	-4.44E-05	2.21E-05	-2.19E-05					
94	648.78	-6.65E-02	-1.10E-01	-6.15E-02	3.63E-01	8.25E-02	-3.03E-01	2.75E-01	-4.51E-01	43.29	-6.65E-02	3.63E-01		
	24.00	5.52E-08	-1.61E-06	2.46E-07	2.79E-05	6.35E-05	-2.33E-05	1.32E-05	-1.47E-05					
95	613.10	3.71E-03	-7.30E-02	-3.48E-02	6.55E-01	5.69E-02	-2.12E-01	6.21E-01	-6.91E-01	43.30	3.71E-03	6.55E-01		

	69.33	1.30E-06	-1.69E-06	-1.85E-07	5.04E-05	4.37E-06	-1.63E-05	2.50E-05	-2.54E-05				
96	708.45	-1.20E-01	-7.30E-02	-4.82E-02	2.88E-01	8.39E-02	-2.52E-01	1.89E-01	-3.91E-01	47.79	-2.44E-01	-2.52E-01	
	55.00	-2.22E-06	-5.45E-08	9.00E-07	2.22E-05	6.45E-06	-1.04E-05	1.00E-05	-1.23E-05				
97	613.10	-2.84E-01	-1.30E-01	-1.25E-01	2.38E-01	2.19E-01	-1.39E-01	4.37E-02	-4.56E-01	53.99	-1.30E-01	-2.38E-01	
	96.00	-4.97E-06	9.82E-07	1.00E-05	1.83E-05	1.68E-05	-1.07E-05	7.55E-06	-1.16E-05				
98	682.27	-1.33E-01	-9.19E-02	-5.73E-02	4.44E-01	6.10E-02	-3.04E-01	3.32E-01	-5.57E-01	46.34	2.45E-01	-2.64E-01	
	112.00	-2.02E-06	-4.29E-07	9.00E-07	3.42E-05	4.69E-06	-2.34E-05	1.59E-05	-1.83E-05				
99	751.43	-5.93E-01	-1.01E-01	-2.26E-01	4.17E-01	2.45E-01	-5.23E-01	1.37E-01	-8.31E-01	60.29	-1.01E-01	-4.17E-01	
	96.00	-1.27E-05	6.23E-06	1.42E-06	3.21E-05	1.88E-05	-4.02E-05	1.54E-05	-2.19E-05				
100	682.25	-1.36E-01	-9.06E-02	-4.84E-02	1.49E-01	4.57E-02	-1.53E-01	3.66E-02	-2.63E-01	49.34	-1.36E-01	1.48E-01	
	152.00	-2.21E-06	-4.64E-07	1.16E-06	1.14E-05	3.52E-06	-1.18E-05	4.44E-06	-7.11E-06				
101	648.67	-6.23E-01	-3.09E-01	-3.20E-01	1.29E-01	1.60E-01	-1.29E-01	-2.62E-01	-6.69E-01	70.34	-3.09E-01	-1.29E-01	
	192.00	-1.02E-05	1.69E-06	1.44E-06	9.92E-06	1.23E-05	-9.95E-06	3.66E-06	-1.20E-05				
102	725.25	-1.31E-01	2.01E-02	7.10E-04	1.30E-01	3.59E-02	-1.07E-01	9.50E-02	-2.06E-01	60.09	-6.01E-02	-1.51E-01	
	232.70	-3.84E-06	1.99E-06	1.24E-06	1.00E-05	2.77E-06	-8.20E-06	4.87E-06	-6.72E-06				
103	635.50	-7.09E-02	-5.84E-02	-7.18E-03	2.88E-02	2.32E-02	-2.26E-02	-3.52E-02	-9.41E-02	51.12	-7.09E-02	2.88E-02	
	256.00	-1.23E-06	-7.47E-07	1.22E-06	2.21E-06	1.79E-06	-1.74E-06	1.46E-07	-2.12E-06				
104	635.50	-2.88E-01	-1.87E-01	-1.33E-01	2.23E-02	1.03E-01	-1.64E-02	-1.82E-01	-2.92E-01	78.04	-1.87E-01	-2.23E-02	
	290.67	-4.38E-06	-5.11E-07	1.55E-06	1.72E-06	7.96E-06	-1.26E-06	-3.29E-07	-4.56E-06				
105	569.00	8.16E-02	-1.20E-01	-4.50E-02	5.62E-01	1.38E-01	-5.03E-01	5.51E-01	-5.90E-01	39.90	8.16E-02	5.62E-01	
	16.50	4.06E-06	-3.71E-06	-8.12E-07	4.32E-05	1.06E-05	-3.87E-05	2.21E-05	-2.18E-05				
106	508.50	1.37E+00	8.77E-01	8.52E-01	4.52E-01	3.49E-01	-1.59E-01	1.64E+00	6.08E-01	30.76	8.77E-01	-4.52E-01	
	13.00	1.86E-05	-2.96E-07	-1.27E-06	3.48E-05	2.68E-05	-1.22E-05	2.89E-05	-1.07E-05				
107	521.00	3.27E-01	1.03E-01	9.27E-02	5.69E-01	1.24E-01	-2.95E-01	7.95E-01	-3.65E-01	39.42	3.27E-01	5.69E-01	
	18.75	6.84E-06	-1.80E-06	-2.17E-06	4.38E-05	9.56E-06	-2.27E-05	2.48E-05	-1.98E-05				
108	526.25	2.76E-01	7.51E-02	7.45E-02	6.28E-01	1.01E-01	-3.03E-01	8.11E-01	-4.61E-01	40.47	2.76E-01	6.28E-01	
	21.00	5.02E-06	-1.78E-06	-1.81E-06	4.83E-05	7.77E-06	-2.33E-05	2.65E-05	-2.24E-05				
109	515.50	8.66E-01	5.44E-01	5.42E-01	7.91E-01	2.20E-01	-1.62E-01	1.51E+00	-1.02E-01	39.23	5.44E-01	-7.91E-01	
	26.00	1.19E-05	-5.46E-07	-6.01E-07	6.08E-05	1.69E-05	-1.24E-05	3.67E-05	-2.54E-05				
110	531.50	9.81E-02	1.49E-02	7.61E-03	5.04E-01	6.49E-02	-2.51E-01	5.62E-01	-4.49E-01	42.64	9.81E-02	5.04E-01	
	34.50	2.45E-06	-7.53E-07	-1.03E-06	3.88E-05	4.99E-06	-1.93E-05	2.03E-05	-1.86E-05				
111	515.50	-2.93E-01	-5.07E-01	-3.73E-01	1.53E+00	4.49E-02	-1.89E-01	1.14E+00	-1.94E+00	43.00	-2.93E-01	1.53E+00	
	44.00	1.63E-06	-6.60E-06	-1.48E-06	1.18E-04	3.45E-06	-1.45E-05	5.66E-05	-6.16E-05				
112	515.50	-2.94E-02	-3.37E-02	-3.33E-02	3.49E-01	1.02E-01	-1.28E-01	3.17E-01	-3.80E-01	44.82	-3.37E-02	-3.49E-01	
	53.33	-7.10E-08	-2.38E-07	-2.20E-07	2.68E-05	7.86E-06	-9.84E-06	1.33E-05	-1.36E-05				
113	547.50	-3.17E-01	-1.46E-01	-1.93E-01	5.12E-01	7.46E-02	-3.97E-01	2.88E-01	-7.51E-01	49.76	1.59E-02	-4.57E-01	
	64.00	-5.00E-06	1.61E-06	-2.07E-07	3.94E-05	5.74E-06	-3.06E-05	1.83E-05	-2.17E-05				
114	515.50	-4.41E-01	-5.53E-01	-4.08E-01	6.49E-01	2.94E-02	-2.18E-01	1.54E-01	-1.15E+00	42.53	-4.41E-01	6.49E-01	
	74.67	-1.56E-06	-5.86E-06	-2.86E-07	4.99E-05	2.26E-06	-1.68E-05	2.13E-05	-2.87E-05				
115	515.50	-7.59E-01	-4.95E-01	-4.97E-01	2.24E-01	1.07E-01	-1.18E-01	-3.67E-01	-8.86E-01	60.25	-4.95E-01	-2.24E-01	
	88.00	-9.93E-06	1.93E-07	1.19E-07	1.72E-05	8.20E-06	-9.07E-06	5.11E-06	-1.48E-05				
116	547.50	-5.53E-01	-1.68E-01	-2.84E-01	6.35E-01	8.37E-02	-3.96E-01	3.04E-01	-1.02E+00	53.43	1.09E-01	-4.70E-01	
	104.00	-1.02E-05	4.59E-06	1.12E-07	4.89E-05	6.43E-06	-3.04E-05	2.27E-05	-2.84E-05				
117	515.50	-2.19E-01	-2.66E-01	-1.73E-01	5.00E-01	4.14E-03	-2.73E-01	2.58E-01	-7.42E-01	43.64	-2.19E-01	5.00E-01	
	120.00	-1.18E-06	-3.00E-06	5.76E-07	3.84E-05	3.19E-07	-2.10E-05	1.71E-05	-2.13E-05				
118	515.50	-5.70E-01	-2.63E-01	-3.44E-01	1.92E-01	5.05E-02	-1.00E-01	-2.49E-01	-6.85E-01	59.15	-3.63E-01	-1.92E-01	
	136.00	-7.90E-06	6.08E-08	8.20E-07	1.48E-05	3.88E-06	-7.70E-06	4.48E-06	-1.23E-05				
119	547.50	-4.54E-01	-1.62E-01	-2.18E-01	4.62E-01	4.68E-02	-2.84E-01	1.77E-01	-7.92E-01	53.77	3.85E-02	-3.39E-01	
	152.00	-8.29E-06	2.94E-06	7.72E-07	3.55E-05	3.60E-06	-2.18E-05	1.60E-05	-2.13E-05				
120	515.50	-2.13E-01	-2.13E-01	-1.23E-01	3.60E-01	-1.07E-02	-2.30E-01	1.47E-01	-5.72E-01	44.99	-2.13E-01	3.60E-01	
	168.00	-2.15E-06	-2.16E-06	1.31E-06	2.77E-05	-8.26E-07	-1.77E-05	1.17E-05	-1.60E-05				
121	515.50	-6.97E-01	-4.39E-01	-4.09E-01	1.52E-01	2.25E-02	-7.61E-02	-3.68E-01	-7.67E-01	65.17	-4.39E-01	-1.52E-01	
	184.00	-9.84E-06	9.42E-08	1.26E-06	1.17E-05	1.73E-06	-5.86E-06	2.80E-06	-1.25E-05				
122	547.50	-3.24E-01	2.21E-02	-7.77E-02	4.75E-01	2.41E-02	-3.22E-01	3.55E-01	-6.57E-01	55.01	2.25E-01	-3.38E-01	
	200.00	-8.30E-06	5.02E-06	1.19E-06	3.65E-05	1.86E-06	-2.48E-05	1.78E-05	-2.11E-05				
123	515.50	6.13E-02	9.52E-02	1.32E-01	2.57E-01	-5.26E-02	-2.79E-01	3.36E-01	-1.80E-01	46.88	6.13E-02	2.57E-01	
	216.00	-8.14E-07	4.89E-07	1.51E-06	1.98E-05	-4.05E-06	-2.15E-05	9.75E-06	-1.01E-05				
124	515.50	-1.85E-01	-1.04E-01	-6.08E-02	5.99E-02	-9.00E-02	-4.96E-02	-7.25E-02	-2.17E-01	61.91	-1.04E-01	-5.99E-02	
	232.00	-3.24E-06	-1.71E-07	1.51E-06	4.61E-06	-6.92E-06	-3.82E-06	1.06E-06	-4.45E-06				
125	547.50	-1.70E-01	-1.32E-01	-6.92E-02	1.10E-01	-4.07E-02	-7.59E-02	-3.98E-02	-2.62E-01	49.64	-8.30E-02	-8.80E-02	
	248.00	-2.45E-06	-1.01E-06	1.42E-06	8.44E-06	-3.13E-06	-5.84E-06	2.55E-06	-6.01E-06				
126	515.50	9.16E-02	1.35E-01	1.64E-01	6.57E-03	-6.11E-02	-2.19E-01	1.36E-01	9.06E-02	81.51	9.16E-02	6.57E-03	
	264.00	[illegible]67E-07	8.87E-07	2.03E-06	5.05E-07	-4.70E-06	-[illegible]-05	9.25E-07	-8.05E-07				
127	515.	[illegible]20E-01	-6.82E-02	-2.69E-02	1.81E-02	-1.18E-01	[illegible]-02	-6.25E-02	-1.26E-01	72.55	-6.82E-02	-1.8[illegible]	

	274.[illegible]	[illegible].26E-06	-2.57E-07	1.33E-06	1.40E-06	-9.08E-06	[illegible]E-06	-3.73E-06	-2.46E-06			
128	531.50	6.23E-02	4.94E-02	1.01E-01	1.41E-02	-5.33E-02	-1.[illegible]1E-02	7.14E-02	4.03E-02	32.70	6.23E-02	1.41E[illegible]
	297.00	5.55E-08	-4.42E-07	1.56E-06	1.09E-06	-4.10E-06	-1.31E-06	4.04E-07	-7.90E-07			
129	515.50	2.66E-01	2.26E-01	2.61E-01	-5.64E-02	-5.66E-02	-1.62E-01	3.06E-01	1.86E-01	-35.12	2.66E-01	-5.64E-02
	320.00	1.06E-06	4.05E-07	1.77E-06	-4.34E-05	-4.50E-06	-1.25E-05	3.49E-06	-1.12E-06			
123	565.50	4.14E-02	-1.25E-01	-8.40E-02	8.54E-01	1.82E-01	-6.90E-01	8.16E-01	-9.00E-01	42.21	4.14E-02	8.54E-01
	[illegible]8.00	3.44E-06	-2.97E-06	-1.39E-06	6.57E-05	1.40E-05	-5.30E-05	3.32E-05	-3.28E-05			

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .5600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1556E+02	-.9595E+02	-.3759E+02	.9252E+01	.1986E+02	-.1386E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1056E+01	.3599E+00	.9126E-01	.9213E+01	-.5384E+01	-.7441E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.6155E+00	-.6751E-01	.6921E-02	.1510E+02	-.1142E+02	-.1381E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.9024E+00	.2236E+00	-.3080E-01	.2116E+02	-.1817E+02	-.2013E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7864E+00	-.7904E-01	-.3256E-01	.2704E+02	-.2467E+02	-.2709E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.7170E+00	-.2135E+00	.4089E-01	.3511E+02	-.3165E+02	-.3533E+02
25	.3363E+01	.5349E+00	-.1276E-01	.4328E+02	-.3498E+02	-.4329E+02
26	.2691E+01	.5642E+00	-.7329E-01	.4732E+02	-.3696E+02	-.4910E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2041E+02	-.3614E+01	.4349E+00	.4903E+02	-.5134E+02	-.5381E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2120E+03	.4053E+02	-.3960E+01	.6642E+02	-.1404E+03	-.8397E+02
40	.1764E+03	.3112E+02	-.2060E+01	.6348E+02	-.1385E+03	-.7731E+02
41	.1473E+03	.2275E+02	.6195E+00	.5587E+02	-.1254E+03	-.6739E+02
42	.4515E+02	.5369E+01	.1742E+01	.4933E+02	-.8844E+02	-.5891E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.4959E+03	-.6680E+02	-.2908E+01	.1436E+02	-.1480E+03	.3880E+02
48	-.4246E+03	-.5754E+02	-.3146E+01	.1732E+02	-.1381E+03	.2806E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.5557E+03	-.8462E+02	-.2621E+01	-.2795E+02	-.1047E+03	.1270E+03

51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1971E+01	.4774E+00	-.3975E+00	.3412E+01	-.1461E+03	.3629E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3794E+03	-.5760E+02	-.2592E+01	-.1608E+02	-.8460E+02	.1203E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2646E+03	-.4034E+02	-.3469E+01	-.1707E+02	-.7926E+02	.1170E+03
66	-.8543E+02	-.1335E+02	-.4348E+01	-.1949E+02	-.6608E+02	.1220E+03
67	.1907E+03	.2818E+02	-.4316E+01	-.1860E+02	-.5232E+02	.1221E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.3309E+03	.5061E+02	-.3590E+01	-.4312E+01	-.4076E+02	.1167E+03
76	-.3716E+02	-.5823E+01	-.2374E+01	-.9459E+00	-.2571E+02	.1166E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1408E+03	.2104E+02	-.1675E+01	.3423E+01	-.7700E+01	.1132E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.6100E+02	-.9139E+01	-.1154E+01	.1079E+02	.2784E+01	.1091E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.8122E+02	.1234E+02	-.1017E+01	.7184E+01	.1759E+02	.1013E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.5644E+02	-.8523E+01	-.8611E+00	.6679E+01	.2606E+02	.9286E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.6557E+02	.1020E+02	-.8807E+00	.7560E+01	.3861E+02	.8318E+02
109	-.3940E+02	-.5473E+01	-.7140E+00	.9202E+01	.4643E+02	.7214E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.5362E+02	.8575E+01	-.6936E+00	.4057E+01	.5542E+02	.5912E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
114	.1797E+02	.3268E+01	-.6714E-01	[illegible]	.5919E+02	.4593E+02

	.1270E+02	.2497E+01	.1274E+00	[illegible]01	.5907E+02	.3309E+02
	.1[illegible]35E+02	.2345E+01	.2710E+00	-.1[illegible]01	.6129E+02	.2391E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1830E+02	.3436E+01	.4295E+00	.4027E+00	.6262E+02	.2206E+02
119	.1324E+02	.2625E+01	.5831E+00	-.4928E+01	.5722E+02	.1137E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3733E+02	.4894E+01	.2161E+01	-.4097E+01	.4957E+02	.5129E+01
122	.3045E+02	.2273E+01	.3769E+01	.3709E+00	.4809E+02	.6249E+01
123	.2293E+02	.1466E+01	.3409E+01	.4738E+00	.4199E+02	.5643E+01
124	.1648E+02	.1000E+01	.2360E+01	.1383E+00	.3457E+02	.5153E+01
125	.1076E+02	.4777E+00	.1741E+01	-.1372E+00	.2856E+02	.4686E+01
126	.3298E+01	-.6894E+00	.1619E+01	-.4889E+00	.2399E+02	.4187E+01
127	-.2134E+01	-.1596E+01	.1652E+01	-.7123E+00	.2047E+02	.3553E+01
128	-.7734E+01	-.2347E+01	.1594E+01	-.1268E+01	.1327E+02	.2833E+01
129	-.7815E+01	-.2031E+01	.1361E+01	-.1488E+01	.7480E+01	.2199E+01
130	-.5401E+01	-.1240E+01	.1022E+01	-.1474E+01	.3250E+01	.1751E+01
131	-.1441E+01	-.2270E+00	.7223E+00	-.1261E+01	.9911E+00	.1466E+01
132	.1356E+00	.1011E+00	.5388E+00	-.9808E+00	.1139E+01	.1263E+01
133	.3023E+00	.9202E-01	.4897E+00	-.6324E+00	.1412E+01	.1063E+01
134	.8002E-01	.2552E-01	.4864E+00	-.4849E+00	.1217E+01	.8371E+00
135	-.2878E-02	.1325E-02	.5452E+00	-.3653E+00	.8595E+00	.6174E+00
136	.4000E-02	.3834E-02	.7265E+00	-.2507E+00	.5591E+00	.4119E+00
137	-.1470E-01	-.4893E-02	.1150E+01	-.1616E+00	.2506E+00	.2247E+00
138	.1204E-01	.2585E-01	.1990E+02	-.9081E-01	-.6156E-01	.1087E+00
139	.1823E-01	.2953E-01	-.8489E+01	-.1617E-01	.3232E-01	-.2961E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.28531E-01	.15478E-03	-.28640E-01	.00000E+00
3	.51956E-01	.55769E-03	-.51943E-01	.00000E+00
4	.56279E-01	.56703E-03	-.56119E-01	.00000E+00
5	.60672E-01	-.19246E-04	-.60696E-01	.00000E+00
6	.68439E-01	.13071E-05	-.68429E-01	.17111E-04
7	.62939E-01	.12971E-02	-.63791E-01	.00000E+00
8	.68635E-01	.10079E-02	-.68875E-01	.36168E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.28355E-01	.37315E-03	-.28644E-01	.00000E+00
11	.52250E-01	.81324E-03	-.53066E-01	.00000E+00
12	.58145E-01	.97664E-03	-.59128E-01	.00000E+00
13	.62929E-01	.78570E-03	-.63458E-01	.00000E+00
14	.69030E-01	.11133E-02	-.70061E-01	.91048E-05
15	.63701E-01	.20589E-02	-.66729E-01	.00000E+00
16	.69627E-01	.18200E-02	-.72009E-01	-.11994E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.28596E-01	.59715E-03	-.29876E-01	.00000E+00
19	.53206E-01	.12315E-02	-.55838E-01	.00000E+00
20	.59357E-01	.15471E-02	-.62496E-01	.00000E+00
21	.64395E-01	.11533E-02	-.67269E-01	.00000E+00
22	.70439E-01	.14432E-02	-.74725E-01	.52298E-05
23	.66043E-01	.31793E-02	-.72819E-01	.00000E+00
24	.71461E-01	.28727E-02	-.78286E-01	.26926E-04
25	.72175E-01	.35369E-02	-.80573E-01	.17503E-05
26	.72593E-01	.36695E-02	-.81925E-01	-.13566E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.26505E-01	.11612E-02	-.30921E-01	.00000E+00
29	.54239E-01	.23552E-02	-.59621E-01	.00000E+00
30	.60651E-01	.28055E-02	-.66466E-01	.00000E+00
31	.66617E-01	.33543E-02	-.73984E-01	.00000E+00
32	.73031E-01	.39775E-02	-.83420E-01	.73002E-04
33	.56298E-01	.47114E-02	-.74053E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00

3704 3704

35	.28235E-01	.16171E-02	-.30983E-01	.00000E+00
36	.54547E-01	.29174E-02	-.50239E-01	.00000E+00
37	.61269E-01	.32334E-02	-.66289E-01	.00000E+00
38	.68315E-01	.42409E-02	-.76754E-01	.00000E+00
39	.73807E-01	.55387E-02	-.86012E-01	-.35676E-04
40	.73757E-01	.57199E-02	-.85412E-01	.89133E-05
41	.73624E-01	.54398E-02	-.84853E-01	.37892E-04
42	.73379E-01	.48300E-02	-.84214E-01	.63752E-04
43	.60352E-01	.41296E-02	-.64953E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.26072E-01	.16926E-03	-.28297E-01	.00000E+00
46	.54032E-01	.26489E-02	-.56855E-01	.00000E+00
47	.73963E-01	.52757E-02	-.86241E-01	-.36700E-04
48	.73944E-01	.54328E-02	-.86210E-01	-.53810E-04
49	.68223E-01	.43525E-02	-.76117E-01	.00000E+00
50	.74618E-01	.56444E-02	-.86513E-01	-.16285E-03
51	.68609E-01	.46374E-02	-.74451E-01	.00000E+00
52	.76982E-01	.48214E-02	-.81497E-01	.00000E+00
53	.74016E-01	.50388E-02	-.86360E-01	-.11286E-04
54	.59926E-01	.27379E-02	-.60553E-01	.00000E+00
55	.67323E-01	.38219E-02	-.66806E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.22290E-01	.25318E-02	-.20761E-01	.00000E+00
58	.47926E-01	.17372E-02	-.39705E-01	.00000E+00
59	.78287E-01	.38337E-02	-.77225E-01	.00000E+00
60	.77066E-01	.46521E-02	-.79183E-01	.00000E+00
61	.75249E-01	.54584E-02	-.86715E-01	-.25227E-03
62	.56465E-01	.15074E-02	-.47945E-01	.00000E+00
63	.65198E-01	.15944E-02	-.57988E-01	.00000E+00
64	.78565E-01	.48555E-02	-.82585E-01	.00000E+00
65	.76104E-01	.54721E-02	-.86903E-01	-.31415E-03
66	.78227E-01	.54954E-02	-.87280E-01	-.38252E-03
67	.80523E-01	.55137E-02	-.87693E-01	-.36540E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.17445E-01	-.22411E-03	-.12387E-01	.00000E+00
70	.50477E-01	.60512E-03	-.39904E-01	.00000E+00
71	.75874E-01	.16945E-02	-.66514E-01	.00000E+00
72	.80656E-01	.46509E-02	-.82766E-01	.00000E+00
73	.62170E-01	.86478E-03	-.45602E-01	.00000E+00
74	.85595E-01	.47364E-02	-.86324E-01	.00000E+00
75	.82491E-01	.55305E-02	-.88053E-01	-.27909E-03
76	.85129E-01	.56355E-02	-.88749E-01	-.19644E-03
77	.71809E-01	.60723E-03	-.55714E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.20735E-01	.76336E-03	-.16278E-01	.00000E+00
80	.47938E-01	-.27093E-03	-.35053E-01	.00000E+00
81	.53049E-01	-.30251E-03	-.38126E-01	.00000E+00
82	.59560E-01	-.45994E-03	-.46189E-01	.00000E+00
83	.84685E-01	.17201E-02	-.73658E-01	.00000E+00
84	.79189E-01	.39751E-03	-.62458E-01	.00000E+00
85	.88135E-01	.56358E-02	-.89610E-01	-.15752E-03
86	.88718E-01	.49561E-02	-.88751E-01	.00000E+00
87	.72064E-01	.10258E-03	-.52664E-01	.00000E+00
88	.98633E-01	.39457E-02	-.82124E-01	.00000E+00
89	.90217E-01	.58351E-02	-.90460E-01	-.12716E-03
90	.56644E-01	-.34331E-03	-.26376E-01	.00000E+00
91	.58803E-01	-.66694E-03	-.29548E-01	.00000E+00
92	.63297E-01	.30249E-03	-.31709E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.23429E-01	.00000E+00	-.10896E-01	.00000E+00
95	.43178E-01	.00000E+00	-.19440E-01	.00000E+00
96	.49551E-01	.00000E+00	-.22445E-01	.00000E+00
97	.51713E-01	.00000E+00	-.21912E-01	.00000E+00
	.50746E-01	.00000E+00	-.21206E-01	.00000E+00

	.15710E-01	.19324E-03	-.23614E-01	.00000E+00
1	.65924E-01	.51103E-03	-.39882E-01	.00000E+00
101	.34753E-01	.20142E-02	-.62749E-01	.00000E+00
102	.93425E-01	.59241E-02	-.91661E-01	-.11289E-03
103	.88807E-01	.25218E-02	-.75850E-01	.00000E+00
104	.94616E-01	.56027E-02	-.91795E-01	.00000E+00
105	.95562E-01	.61318E-02	-.92690E-01	-.97434E-04
106	.93044E-01	.30100E-02	-.82983E-01	.00000E+00
107	.98229E-01	.59331E-02	-.93178E-01	.00000E+00
108	.98202E-01	.62196E-02	-.93635E-01	-.92995E-04
109	.10005E+00	.62308E-02	-.94395E-01	-.79079E-04
110	.98697E-01	.62155E-02	-.87341E-01	.00000E+00
111	.10231E+00	.68169E-02	-.95711E-01	.00000E+00
112	.10205E+00	.63809E-02	-.95020E-01	-.70686E-04
113	.10147E+00	.56206E-02	-.90631E-01	.00000E+00
114	.10316E+00	.63451E-02	-.95433E-01	-.25927E-04
115	.10349E+00	.63519E-02	-.95711E-01	-.62725E-05
116	.10350E+00	.62671E-02	-.95747E-01	.85926E-05
117	.10292E+00	.70352E-02	-.97468E-01	.00000E+00
118	.10233E+00	.62537E-02	-.95753E-01	.20438E-04
119	.10277E+00	.62155E-02	-.95694E-01	.34535E-04
120	.10381E+00	.66570E-02	-.97206E-01	.00000E+00
121	.10159E+00	.60351E-02	-.95474E-01	.58906E-04
122	.10157E+00	.56028E-02	-.95575E-01	.71165E-04
123	.10139E+00	.51416E-02	-.95645E-01	.80911E-04
124	.10118E+00	.46170E-02	-.95716E-01	.92193E-04
125	.10090E+00	.40164E-02	-.95785E-01	.10573E-03
126	.10035E+00	.28586E-02	-.95900E-01	.12185E-03
127	.99758E-01	.16099E-02	-.96009E-01	.12473E-03
128	.98610E-01	-.95984E-03	-.96231E-01	.10355E-03
129	.97805E-01	-.28932E-02	-.96434E-01	.70156E-04
130	.97312E-01	-.41731E-02	-.96653E-01	.30767E-04
131	.97253E-01	-.44196E-02	-.96988E-01	-.12292E-04
132	.97547E-01	-.35214E-02	-.97286E-01	-.23452E-04
133	.97809E-01	-.25894E-02	-.97548E-01	-.17981E-04
134	.97960E-01	-.19436E-02	-.97763E-01	-.12541E-04
135	.98053E-01	-.14506E-02	-.97938E-01	-.10403E-04
136	.98118E-01	-.10075E-02	-.98064E-01	-.10605E-04
137	.98156E-01	-.56547E-03	-.98141E-01	-.10329E-04
138	.98183E-01	-.88519E-04	-.98183E-01	-.11428E-04
139	.98183E-01	-.10917E-04	-.98183E-01	-.10880E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5700E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.79E-02	1.06E-01	1.09E-02	3.48E+00	1.51E-02	-3.52E+00	3.55E+00	-3.42E+00	45.32	2.79E-02	3.48E+00
	-303.00	-6.11E-07	2.93E-06	-1.38E-06	3.17E-04	1.37E-06	-3.20E-04	1.60E-04	-1.57E-04			
2	72.00	4.95E-02	1.44E-01	-5.13E-02	2.91E+00	2.85E-03	-2.99E+00	3.01E+00	-2.81E+00	45.46	4.95E-02	2.91E+00
	-213.00	4.09E-07	4.69E-06	-4.17E-06	2.65E-04	2.59E-07	-2.72E-04	1.35E-04	-1.30E-04			
3	72.00	4.38E-01	1.72E-01	-1.40E-01	1.92E+00	-1.91E-01	-2.10E+00	2.23E+00	-1.62E+00	43.02	4.38E-01	1.92E+00
	-130.00	7.50E-06	1.44E-06	-5.65E-06	8.75E-05	-8.70E-06	-9.54E-05	4.83E-05	-3.94E-05			
4	24.00	2.42E+00	1.41E+00	1.77E+00	3.50E+00	-6.46E-01	-3.95E+00	5.53E+00	-1.71E+00	40.99	2.42E+00	3.58E+00
	-68.00	3.15E-05	-7.38E-06	6.69E-06	2.76E-04	-4.97E-05	-3.04E-04	1.51E-04	-1.27E-04			
5	72.00	-8.70E-01	-4.70E-01	-1.03E+00	1.60E+00	5.52E-02	-1.69E+00	9.46E-01	-2.29E+00	48.56	-4.70E-01	-1.60E+00
	-88.00	-7.38E-06	8.01E-06	-1.37E-05	1.23E-04	4.24E-06	-1.30E-04	6.24E-05	-6.18E-05			
6	120.00	-4.00E-01	-5.13E-01	-6.99E-01	3.02E+00	1.67E-01	-2.99E+00	2.52E+00	-3.52E+00	44.89	2.47E+00	-5.56E-01
	-68.00	-1.28E-07	-1.02E-06	-8.20E-06	2.32E-04	1.28E-05	-2.30E-04	1.16E-04	-1.17E-04			
7	36.25	8.15E-01	3.05E-01	1.70E-01	1.72E+00	-2.22E-01	-1.64E+00	2.30E+00	-1.16E+00	40.78	7.56E-01	1.73E+00
	-10.00	1.72E-05	-2.46E-06	-7.63E-06	1.32E-04	-1.71E-05	-1.26E-04	7.42E-05	-5.94E-05			
8	108.00	-9.33E-02	-1.64E-01	-3.22E-01	1.29E+00	2.81E-03	-1.44E+00	1.36E+00	-1.41E+00	44.32	-9.33E-02	1.29E+00

	-19.00	2.69E-06	3.31E-07	-6.14E-06	5.89E-05	2.17E-07	-1.10E-04	5.10E-05	-4.80E-05				
9	216.00	2.13E-01	3.13E-01	1.54E-01	3.49E+00	-2.71E-02	-3.59E+00	3.75E+00	-3.23E+00	45.41	2.13E-01	3.49E+00	
	-303.00	8.37E-07	5.39E-06	-1.82E-06	3.17E-04	-2.46E-06	-3.26E-04	1.62E-04	-1.55E-04				
10	216.00	2.81E-01	3.21E-01	5.22E-02	2.99E+00	-8.90E-02	-3.12E+00	3.29E+00	-2.69E+00	45.19	2.81E-01	2.99E+00	
	-213.00	4.16E-06	5.97E-06	-5.81E-06	2.72E-04	-8.10E-06	-2.83E-04	1.41E-04	-1.31E-04				
11	216.00	4.22E-01	2.67E-01	-2.95E-01	2.28E+00	-2.76E-01	-2.45E+00	2.63E+00	-1.94E+00	44.02	4.22E-01	2.28E+00	
	-138.00	7.53E-06	3.99E-06	-9.76E-06	1.04E-04	-1.26E-05	-1.11E-04	5.77E-05	-4.62E-05				
12	168.00	1.14E+00	1.16E+00	7.08E-01	3.51E+00	-5.14E-01	-3.60E+00	4.66E+00	-2.36E+00	45.10	1.14E+00	3.51E+00	
	-68.00	1.07E-05	1.17E-05	-5.86E-06	2.70E-04	-3.96E-05	-2.77E-04	1.46E-04	-1.24E-04				
13	216.00	-1.13E+00	-4.51E-01	-1.16E+00	1.47E+00	-3.69E-02	-1.67E+00	7.17E-01	-2.30E+00	51.51	-4.51E-01	-1.47E+00	
	-88.00	-1.33E-05	1.28E-05	-1.45E-05	1.13E-04	-2.84E-06	-1.13E-04	5.77E-05	-5.82E-05				
14	264.00	-1.06E-01	-4.76E-01	-6.66E-01	2.96E+00	5.70E-02	-3.06E+00	2.68E+00	-3.26E+00	43.21	2.59E+00	-7.16E-01	
	-68.00	9.63E-06	-4.60E-06	-1.19E-05	2.28E-04	4.38E-06	-2.36E-04	1.17E-04	-1.12E-04				
15	180.00	2.78E-01	5.08E-02	-2.21E-01	1.53E+00	-3.45E-01	-1.44E+00	1.70E+00	-1.37E+00	42.87	2.78E-01	1.53E+00	
	-19.00	9.51E-06	7.65E-07	-9.68E-06	1.17E-04	-2.66E-05	-1.10E-04	6.40E-05	-5.37E-05				
16	252.00	1.90E-01	-7.03E-02	-4.06E-01	1.23E+00	-1.32E-01	-1.51E+00	1.29E+00	-1.17E+00	41.97	1.90E-01	1.23E+00	
	-19.00	1.05E-05	4.40E-07	-1.25E-05	9.43E-05	-1.02E-05	-1.16E-04	5.29E-05	-4.20E-05				
17	361.00	2.98E-01	5.19E-01	2.48E-01	3.51E+00	-1.12E-02	-3.73E+00	3.92E+00	-3.10E+00	45.90	2.98E-01	3.51E+00	
	-303.00	-2.99E-07	9.77E-06	-2.56E-06	3.19E-04	-1.02E-06	-3.35E-04	1.64E-04	-1.55E-04				
18	361.00	3.37E-01	4.90E-01	1.03E-01	3.14E+00	-6.26E-02	-3.32E+00	3.55E+00	-2.73E+00	45.70	3.37E-01	3.14E+00	
	-213.00	3.24E-06	1.02E-05	-7.41E-06	2.85E-04	-5.69E-06	-3.02E-04	1.50E-04	-1.36E-04				
19	361.00	4.57E-01	3.83E-01	-3.81E-01	2.48E+00	-2.66E-01	-2.78E+00	2.90E+00	-2.06E+00	44.58	4.57E-01	2.48E+00	
	-138.00	7.97E-06	6.30E-06	-1.11E-05	1.13E-04	-1.21E-05	-1.26E-04	6.36E-05	-4.93E-05				
20	312.00	1.99E+00	1.76E+00	1.14E+00	4.00E+00	-8.71E-01	-4.37E+00	5.88E+00	-2.12E+00	44.18	1.99E+00	4.00E+00	
	-68.00	2.29E-05	1.41E-05	-1.01E-05	3.07E-04	-6.70E-05	-3.36E-04	1.72E-04	-1.35E-04				
21	360.67	-1.84E+00	-1.09E+00	-1.76E+00	1.94E+00	6.81E-02	-2.17E+00	5.12E-01	-3.44E+00	50.46	-1.09E+00	-1.94E+00	
	-88.00	-1.92E-05	9.59E-06	-1.61E-05	1.49E-04	5.24E-06	-1.67E-04	7.11E-05	-8.08E-05				
22	409.33	1.14E+00	1.58E+00	5.71E-01	3.78E+00	-2.01E-02	-4.72E+00	5.15E+00	-2.43E+00	46.65	5.11E+00	-5.69E-01	
	-68.00	7.76E-06	2.45E-05	-1.42E-05	2.91E-04	-1.54E-06	-3.63E-04	1.62E-04	-1.30E-04				
23	324.00	6.06E-01	1.20E-01	-2.93E+01	1.60E+00	-6.14E-01	-1.53E+00	1.98E+00	-1.25E+00	40.68	6.06E-01	1.60E+00	
	-19.00	1.85E-05	-1.43E-07	-1.60E-05	1.23E-04	-4.73E-05	-1.18E-04	7.13E-05	-5.29E-05				
24	372.00	3.72E-01	-2.58E-01	-6.17E-01	4.04E+00	-5.89E-01	-4.30E+00	4.11E+00	-4.00E+00	42.77	3.72E-01	4.04E+00	
	-9.33	1.99E-05	-4.40E-06	-1.82E-05	3.11E-04	-4.53E-05	-3.31E-04	1.64E-04	-1.48E-04				
25	401.25	1.72E-01	-5.44E-02	-6.76E-01	1.34E+00	-2.00E-01	-1.80E+00	1.40E+00	-1.28E+00	42.57	-1.09E+00	6.95E-01	
	-19.00	1.28E-05	4.03E-06	-1.99E-05	1.03E-04	-1.54E-05	-1.39E-04	6.00E-05	-4.32E-05				
26	427.67	2.13E+00	2.14E+00	1.08E+00	4.56E+00	-7.99E-01	-6.11E+00	6.69E+00	-2.43E+00	45.03	4.83E+00	3.68E+00	
	-9.33	2.31E-05	2.35E-05	-1.72E-05	3.51E-04	-6.15E-05	-4.70E-04	1.99E-04	-1.52E-04				
27	457.00	3.59E-01	7.64E-01	3.62E-01	3.52E+00	2.37E-02	-3.80E+00	4.09E+00	-2.97E+00	46.65	3.59E-01	3.52E+00	
	-303.00	-2.98E-06	1.54E-05	-2.82E-06	3.20E-04	2.15E-06	-3.45E-04	1.67E-04	-1.54E-04				
28	457.00	2.94E-01	5.92E-01	1.15E-01	3.30E+00	4.52E-03	-3.47E+00	3.75E+00	-2.86E+00	46.29	2.94E-01	3.30E+00	
	-213.00	3.75E-07	1.39E-05	-7.79E-06	3.00E-04	4.11E-07	-3.15E-04	1.57E-04	-1.43E-04				
29	457.00	6.41E-01	4.97E-01	-2.82E-01	2.66E+00	1.35E-01	-2.87E+00	3.23E+00	-2.09E+00	44.22	6.41E-01	2.66E+00	
	-138.00	1.01E-05	6.80E-06	-1.09E-05	1.21E-04	6.12E-06	-1.30E-04	6.88E-05	-5.20E-05				
30	442.00	1.21E+00	2.75E+00	1.10E+00	4.57E+00	1.34E-01	-4.98E+00	6.61E+00	-2.65E+00	49.78	1.21E+00	4.57E+00	
	-68.00	-9.10E-06	5.01E-05	-1.32E-05	3.51E-04	1.03E-05	-3.83E-04	1.99E-04	-1.58E-04				
31	457.33	-5.32E+00	-2.19E+00	-3.40E+00	1.56E+00	2.44E+00	-2.66E+00	-1.55E+00	-5.97E+00	67.52	-2.19E+00	-1.56E+00	
	-88.00	-8.46E-05	3.56E-05	-1.10E-05	1.20E-04	1.87E-04	-2.04E-04	6.04E-05	-1.09E-04				
32	472.67	9.14E+00	8.31E+00	6.59E+00	3.89E+00	-1.46E+00	-6.31E+00	1.26E+01	4.81E+00	41.96	1.16E+01	2.70E+00	
	-68.00	8.73E-05	5.54E-05	-1.06E-05	2.99E-04	-1.12E-04	-4.85E-04	2.22E-04	-7.92E-05				
33	443.00	8.07E-01	7.57E-01	-1.19E-01	2.38E+00	-2.76E-01	-2.42E+00	3.16E+00	-1.59E+00	44.69	8.07E-01	2.38E+00	
	-19.50	1.52E-05	1.32E-05	-2.05E-05	1.83E-04	-2.13E-05	-1.86E-04	1.06E-04	-7.72E-05				
34	454.00	7.41E+00	5.93E+00	4.72E+00	5.89E+00	-1.75E+00	-7.78E+00	1.26E+01	7.28E-01	41.42	9.76E+00	5.07E+00	
	-11.33	8.65E-05	2.95E-05	-1.69E-05	4.53E-04	-1.34E-04	-5.99E-04	2.87E-04	-1.70E-04				
35	461.67	2.48E+00	3.30E+00	1.73E+00	5.57E+00	-4.45E-01	-8.07E+00	8.50E+00	-2.67E+00	47.26	2.48E+00	5.57E+00	
	-12.00	1.21E-05	4.60E-05	-1.66E-05	4.28E-04	-3.42E-05	-6.21E-04	2.44E-04	-1.86E-04				
36	469.00	-4.47E+00	-1.52E+00	-3.05E+00	5.43E-01	2.16E+00	-3.24E+00	-1.42E+00	-4.57E+00	79.91	-1.52E+00	-5.43E-01	
	-30.00	-7.26E-05	4.09E-05	-1.80E-05	4.17E-05	1.66E-04	-2.50E-04	4.47E-05	-7.63E-05				
37	476.33	4.07E+00	5.75E+00	3.28E+00	3.84E+00	-4.78E-01	-6.66E+00	8.84E+00	9.81E-01	51.14	5.64E+00	3.86E+00	
	-12.00	1.27E-05	7.70E-05	-1.77E-05	2.95E-04	-3.69E-05	-5.12E-04	1.96E-04	-1.06E-04				
38	558.50	-1.16E-01	2.54E-01	-1.33E-02	3.27E+00	1.19E-01	-3.63E+00	3.34E+00	-3.20E+00	46.62	-1.16E-01	3.27E+00	
	-303.00	-6.89E-06	9.92E-06	-2.22E-06	2.97E-04	1.08E-05	-3.30E-04	1.50E-04	-1.47E-04				
39	559.50	1.15E-01	7.65E-01	1.50E-01	3.26E+00	2.39E-01	-3.51E+00	3.71E+00	-2.83E+00	47.85	1.16E-01	3.26E+00	
	-213.0[illegible]	[illegible].53E-06	2.10E-05	-5.58E-06	2.96E-04	2.18E-05	[illegible]9E-04	1.55E-04	-1.43E-04				
40	506[illegible]	[illegible].26E-01	1.83E+00	-1.97E-02	7.29E+00	5.78E-01	[illegible]E+00	8.21E+00	-6.51E+00	48.82	-1.26E-01	7.[illegible]	

	-128.00	[illegible]17E-05	3.27E-05	-9.27E-06	3.31E-04	2.63E-05	[illegible]-04	1.75E-04	-1.57E-04					
41	558.50	[illegible].55E+00	1.14E+00	-7.13E-01	3.19E+00	1.91E+00	-4[illegible]E+00	2.98E+00	-4.39E+00	60.00	1.14E+00	-3.19E+[illegible]		
	-148.00	-4.69E-05	3.70E-05	-5.05E-06	1.45E-04	8.70E-05	-2.07E-04	7.86E-05	-8.87E-05					
42	610.83	3.06E+01	1.92E+00	4.32E+01	6.26E+00	1.33E+00	-5.78E+00	7.47E+00	-5.15E+00	48.48	7.40E+00	-9.07E-01		
	-128.00	-5.43E-06	2.53E-05	-4.62E-06	2.85E-04	6.07E-05	-2.63E-04	1.55E-04	-1.31E-04					
43	501.38	-7.49E+01	1.07E+02	-7.66E-01	1.68E+00	6.69E-01	-2.15E+00	1.35E+00	-2.09E+00	51.38	-7.48E-01	1.68E+00		
	-78.00	-1.23E-05	1.69E-05	-1.29E-05	1.29E-04	5.15E-05	-1.45E-04	6.85E-05	-6.38E-05					
44	534.67	1.14E+00	1.58E+00	7.72E-01	5.34E+00	4.15E-01	-6.63E+00	6.71E+00	-3.99E+00	46.18	6.66E+00	-7.10E-01		
	-68.00	5.39E-06	2.24E-05	-8.61E-06	4.11E-04	3.19E-05	-5.10E-04	2.20E-04	-1.92E-04					
45	584.67	-9.23E-01	-1.16E-01	-7.02E-01	4.96E+00	1.37E+00	-4.61E+00	6.45E+00	-5.45E+00	47.33	-9.23E-01	4.96E+00		
	-68.00	-1.64E-05	1.47E-05	-7.87E-06	3.81E-04	1.05E-04	-3.55E-04	1.90E-04	-1.92E-04					
46	610.83	-5.17E+00	-9.04E-01	-2.47E+00	2.67E+00	2.51E+00	-3.72E+00	3.80E-01	-6.46E+00	64.32	-9.04E-01	-2.67E+00		
	-88.00	-1.05E-04	5.91E-05	-1.03E-06	2.05E-04	1.93E-04	-2.86E-04	1.09E-04	-1.54E-04					
47	482.63	-1.31E-01	5.06E-01	-6.18E-01	1.23E+00	6.57E-01	-2.45E+00	1.46E+00	-1.09E+00	52.24	-1.31E-01	1.23E+00		
	-21.00	-2.37E-06	2.21E-05	-2.11E-05	9.49E-05	5.05E-05	-1.88E-04	5.89E-05	-3.91E-05					
48	485.83	2.41E+00	3.68E+00	1.94E+00	3.56E+00	9.53E-02	-7.42E+00	6.66E+00	-5.68E-01	50.03	2.88E+00	3.61E+00		
	-12.00	5.64E-06	5.42E-05	-1.62E-05	2.74E-04	7.33E-06	-5.71E-04	1.69E-04	-1.09E-04					
49	507.88	-6.38E-02	6.58E-02	-6.86E-01	1.34E+00	4.10E-01	-2.69E+00	1.34E+00	-1.34E+00	46.39	-6.38E-02	1.34E+00		
	-21.00	5.07E-06	1.01E-05	-1.89E-05	1.03E-04	3.15E-05	-2.07E-04	5.90E-05	-4.39E-05					
50	538.67	1.04E+00	1.03E+00	4.33E-01	4.75E+00	1.77E+00	-5.75E+00	5.78E+00	-3.71E+00	44.95	5.76E+00	-4.67E-01		
	-10.00	1.26E-05	1.20E-05	-1.08E-05	3.65E-04	1.36E-04	-4.42E-04	1.95E-04	-1.70E-04					
51	484.67	-1.49E+01	-1.03E+01	-1.10E+01	-3.32E-01	1.11E+00	-7.97E-01	-1.03E+01	-1.45E+01	-85.90	-1.03E+01	3.33E-01		
	8.00	-1.76E-04	1.94E-06	-2.53E-05	-2.56E-05	8.51E-05	-6.13E-05	2.86E-06	-1.77E-04					
52	507.00	3.53E+00	4.33E+00	2.41E+00	2.39E+00	8.14E-01	2.27E+00	6.35E+00	1.51E+00	49.78	5.81E+00	1.52E+00		
	9.00	2.29E-05	5.38E-05	-2.02E-05	1.83E-04	6.26E-05	1.75E-04	1.31E-04	-5.47E-05					
53	603.00	3.00E-02	5.08E-02	-6.39E-02	1.95E+00	9.20E-01	-1.89E+00	1.99E+00	-1.91E+00	45.15	-1.18E+00	1.52E+00		
	-18.00	9.69E-07	1.77E-06	-2.65E-06	1.50E-04	7.08E-05	-1.45E-04	7.64E-05	-7.36E-05					
54	712.00	-1.83E-01	4.25E-01	8.95E-02	3.04E+00	2.79E-01	-3.01E+00	3.18E+00	-2.94E+00	47.65	-1.83E-01	3.04E+00		
	-303.00	-1.26E-05	1.50E-05	-2.41E-07	2.77E-04	2.53E-05	-2.73E-04	1.40E-04	-1.38E-04					
55	712.00	-1.68E+00	-7.61E-01	-9.17E-01	3.33E+00	8.87E-01	-2.93E+00	2.15E+00	-6.57E+00	49.01	-1.68E+00	3.33E+00		
	-213.00	-3.30E-05	9.64E-06	1.65E-06	3.03E-04	8.06E-05	-2.66E-04	1.41E-04	-1.65E-04					
56	712.00	-2.35E+00	-9.91E-01	-7.35E-01	2.49E+00	2.08E+00	-2.26E+00	9.08E-01	-4.25E+00	52.62	-2.35E+00	2.49E+00		
	-138.00	-3.20E-05	-1.17E-06	4.66E-06	1.13E-04	9.45E-05	-1.03E-04	4.20E-05	-7.51E-05					
57	712.00	-6.56E-01	8.76E-02	-2.81E-02	1.59E+00	8.57E-01	-1.81E+00	1.35E+00	-1.92E+00	51.56	-6.56E-01	1.59E+00		
	-78.00	-1.87E-05	9.53E-06	5.48E-06	1.23E-04	6.59E-05	-1.39E-04	5.86E-05	-6.74E-05					
58	712.00	-8.08E-01	-3.95E-01	-2.49E-01	2.15E+00	7.63E-01	-2.10E+00	1.56E+00	-2.76E+00	47.74	-8.08E-01	2.15E+00		
	-18.00	-1.51E-05	7.66E-07	6.37E-06	1.65E-04	5.87E-05	-1.62E-04	7.59E-05	-9.03E-05					
59	837.00	-8.57E+00	-4.68E+00	-5.30E+00	2.54E+00	1.52E+00	-2.54E+00	-3.43E+00	-9.82E+00	63.72	-4.68E+00	-2.54E+00		
	-318.00	-1.49E-04	2.81E-05	.00E+00	2.31E-04	1.38E-04	-2.31E-04	8.51E-05	-2.06E-04					
60	887.00	-1.11E+00	1.07E-01	-4.03E-01	6.79E+00	6.14E-01	-5.57E+00	6.31E+00	-7.32E+00	47.57	5.77E+00	-2.66E+00		
	-288.00	-3.23E-05	2.32E-05	.00E+00	6.17E-04	5.58E-05	-5.06E-04	3.05E-04	-3.14E-04					
61	987.00	1.60E+00	1.20E+00	1.12E+00	6.87E+00	-2.85E-01	-5.02E+00	8.28E+00	-5.47E+00	44.16	1.60E+00	6.87E+00		
	-288.00	2.19E-05	3.56E-06	.00E+00	6.25E-04	-2.59E-05	-4.56E-04	3.25E-04	-3.00E-04					
62	1037.00	-8.37E+00	-4.96E+00	-5.33E+00	5.01E+00	1.19E+00	-3.98E+00	-1.37E+00	-1.20E+01	54.41	-4.96E+00	-5.01E+00		
	-318.00	-1.38E-04	1.71E-05	.00E+00	4.56E-04	1.09E-04	-3.62E-04	1.80E-04	-3.01E-04					
63	862.00	-1.60E-01	1.87E-02	1.70E-01	3.44E+00	2.19E-01	-2.85E+00	3.37E+00	-3.51E+00	45.74	-1.60E-01	3.44E+00		
	-213.00	-7.64E-06	4.70E-07	7.36E-06	3.13E-04	1.99E-05	-2.59E-04	1.53E-04	-1.60E-04					
64	1012.00	4.72E-01	3.92E-01	5.96E-01	3.69E+00	-5.44E-02	-2.83E+00	4.12E+00	-3.25E+00	44.69	4.72E-01	3.69E+00		
	-213.00	2.51E-06	-1.17E-06	8.15E-06	3.35E-04	-4.95E-06	-2.57E-04	1.68E-04	-1.67E-04					
65	837.00	-1.80E-01	-1.32E-01	6.29E-01	2.65E+00	8.43E-01	-3.04E+00	2.49E+00	-2.80E+00	45.26	-1.32E-01	-2.65E+00		
	-148.00	-5.75E-06	-4.66E-06	1.26E-05	1.20E-04	3.83E-05	-1.38E-04	5.49E-05	-6.53E-05					
66	937.00	-5.04E-01	-1.16E-02	4.91E-01	4.56E+00	4.72E-01	-3.46E+00	4.31E+00	-4.83E+00	46.54	3.07E+00	-3.14E+00		
	-128.00	-1.13E-05	-1.34E-07	1.13E-05	2.07E-04	2.14E-05	-1.57E-04	9.82E-05	-1.10E-04					
67	1037.00	-4.37E+00	-7.88E-01	-8.37E-01	4.43E+00	1.60E+00	-4.03E+00	2.19E+00	-7.36E+00	56.02	-7.88E-01	-4.43E+00		
	-148.00	-6.79E-05	1.35E-05	1.24E-05	2.01E-04	7.27E-05	-1.83E-04	8.13E-05	-1.36E-04					
68	837.00	-1.45E+00	-1.13E+00	-6.64E-01	4.97E+00	9.41E-01	-3.87E+00	3.68E+00	-6.26E+00	45.93	-1.45E+00	4.97E+00		
	-68.00	-2.02E-05	-7.81E-06	1.02E-05	3.82E-04	7.24E-05	-2.98E-04	1.77E-04	-2.05E-04					
69	937.00	-1.79E+00	3.46E-01	9.90E-04	2.76E+00	9.68E-01	-2.43E+00	2.23E+00	-3.66E+00	55.60	3.46E-01	-2.76E+00		
	-88.00	-5.31E-05	2.92E-05	1.59E-05	2.12E-04	7.45E-05	-1.87E-04	1.02E-04	-1.26E-04					
70	1037.00	1.30E-01	9.52E-01	9.56E-01	4.68E+00	-2.36E-01	-5.11E+00	5.24E+00	-4.16E+00	47.51	4.07E+00	-3.11E+00		
	-68.00	-1.74E-05	1.42E-05	1.44E-05	3.60E-04	-1.83E-05	-3.93E-04	1.79E-04	-1.82E-04					
71	862.00	-1.17E+00	-5.60E-01	-1.84E-01	2.12E+00	8.19E-01	-2.04E+00	1.26E+00	-3.02E+00	48.90	-1.17E+00	2.12E+00		
	-18.00	-2.37E-05	-1.31E-06	1.43E-05	1.63E-04	6.30E-05	-1.57E-04	6.99E-05	-9.45E-05					
72	1012.00	3.60E-01	6.31E-01	9.85E-01	2.32E+00	-1.03E-01	-1.80E+00	2.82E+00	-1.83E+00	46.67	3.60E-01	2.32E+00		

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	-18.00	-7.95E-06	2.54E-06	1.62E-05	1.78E-04	-7.95E-06	-1.30E-04	8.67E-05	-9.20E-05				
73	1387.00	4.71E-01	5.15E-01	4.89E-01	2.69E+00	1.56E-02	-1.66E+00	3.10E+00	-2.20E+00	45.24	4.71E-01	2.69E+00	
	-309.00	2.24E-06	4.27E-06	3.06E-06	2.45E-04	1.47E-06	-1.53E-04	1.26E-04	-1.19E-04				
74	1387.00	5.75E-02	-3.16E-02	3.09E-01	2.86E+00	8.62E-02	-1.67E+00	2.88E+00	-2.85E+00	44.55	5.75E-02	2.86E+00	
	-213.00	-1.72E-06	-5.77E-06	9.66E-06	2.60E-04	7.83E-06	-1.52E-04	1.26E-04	-1.34E-04				
75	1387.00	-7.07E-02	2.20E-01	8.56E-01	2.12E+00	2.62E-01	-1.11E+00	2.20E+00	-2.05E+00	46.97	-7.07E-02	2.12E+00	
	-138.00	-6.88E-06	-2.63E-07	1.42E-05	9.62E-05	1.19E-05	-5.05E-05	4.46E-05	-5.18E-05				
76	1187.00	-9.33E-01	-6.61E-01	-1.50E-01	3.17E+00	6.95E-01	-9.45E-01	2.38E+00	-3.97E+00	46.23	-9.33E-01	3.17E+00	
	-68.00	-1.64E-05	-5.93E-06	1.26E-05	2.44E-04	5.35E-05	-7.27E-05	1.11E-04	-1.33E-04				
77	1387.00	-1.00E+00	-7.01E-01	3.03E-02	1.69E+00	5.11E-01	-1.28E+00	8.31E-01	-2.53E+00	47.56	-7.01E-01	-1.68E+00	
	-88.00	-2.01E-05	-8.58E-06	1.95E-05	1.29E-04	3.93E-05	-9.83E-05	5.04E-05	-7.91E-05				
78	1587.00	-1.72E-01	-6.63E-02	5.27E-01	2.06E+00	-2.86E-02	-6.21E-01	1.94E+00	-2.18E+00	45.73	7.20E-01	-1.88E+00	
	-68.00	-9.77E-06	-5.72E-06	1.71E-05	1.58E-04	-2.20E-06	-4.76E-05	7.13E-05	-8.68E-05				
79	1237.00	-1.31E+00	-4.71E-01	-4.84E-02	1.79E+00	6.93E-01	-1.04E+00	9.49E-01	-2.73E+00	51.59	-1.31E+00	1.79E+00	
	-18.00	-3.03E-05	1.99E-06	1.82E-05	1.38E-04	5.33E-05	-8.01E-05	5.66E-05	-8.45E-05				
80	1433.80	-7.99E-01	-2.63E-01	2.97E-01	2.11E+00	2.93E-01	-7.73E-01	1.60E+00	-2.65E+00	48.54	-7.89E-01	2.11E+00	
	-8.00	-2.20E-05	-1.83E-06	1.97E-05	1.63E-04	2.25E-05	-5.94E-05	6.59E-05	-9.38E-05				
81	1533.80	-1.29E+00	-3.00E-01	7.22E-02	1.25E+00	2.08E-01	-4.80E-01	5.52E-01	-2.14E+00	55.76	-3.00E-01	-1.25E+00	
	-28.00	-3.29E-05	5.11E-06	1.94E-05	9.63E-05	1.60E-05	-3.69E-05	3.79E-05	-6.56E-05				
82	1633.80	-1.31E+00	-4.17E-01	-2.66E-02	4.31E-01	-4.09E-02	-6.26E-02	-2.43E-01	-1.46E+00	68.00	-2.43E-01	-3.03E-02	
	-8.00	-3.11E-05	3.23E-06	1.82E-05	3.32E-05	-3.15E-06	-4.82E-06	9.93E-06	-3.78E-05				
83	1433.80	-5.41E+00	-2.32E+00	-2.28E+00	1.40E+00	1.56E+00	-6.02E-01	-1.78E+00	-5.95E+00	68.93	-2.32E+00	-1.40E+00	
	27.60	-9.81E-05	2.07E-05	2.24E-05	1.08E-04	1.20E-04	-4.63E-05	4.14E-05	-1.19E-04				
84	1296.10	-1.91E+00	-2.30E-01	-7.675E-02	1.52E+00	7.73E-01	-8.25E-01	6.67E-01	-2.81E+00	59.49	-1.17E+00	-1.74E+00	
	40.70	-4.92E-05	1.56E-05	2.14E-05	1.17E-04	5.95E-05	-6.35E-05	5.00E-05	-8.37E-05				
85	1148.60	-8.73E-01	3.65E-01	5.125E-01	1.98E+00	8.45E-01	-3.04E-01	1.82E+00	-2.33E+00	53.68	1.49E+00	1.13E+00	
	57.33	-3.25E-05	1.51E-05	1.69E-05	1.52E-04	6.50E-05	-2.34E-05	7.11E-05	-8.85E-05				
86	1131.40	-6.82E+00	-3.34E+00	-3.07E+00	6.97E-01	2.85E+00	-4.53E-02	-3.21E+00	-6.95E+00	79.08	-3.34E+00	-6.97E-01	
	112.00	-1.17E-04	1.68E-05	2.73E-05	5.36E-05	2.19E-04	-3.48E-06	2.20E-05	-1.22E-04				
87	1019.80	-1.96E+00	-5.64E-01	-3.16E-01	2.13E+00	1.13E+00	-3.28E+00	9.78E-01	-3.50E+00	54.07	-5.64E-01	-2.13E+00	
	34.67	-4.41E-05	9.50E-06	1.90E-05	1.64E-04	8.69E-05	-2.53E-04	6.88E-05	-1.03E-04				
88	886.60	-9.54E-01	-2.41E-01	6.905E-02	1.70E+00	5.44E-01	-1.88E+00	1.14E+00	-2.33E+00	50.93	-9.54E-01	1.70E+00	
	46.00	-2.43E-05	3.11E-06	1.50E-05	1.30E-04	4.19E-05	-1.45E-04	5.61E-05	-7.73E-05				
89	969.80	-4.60E+00	-2.01E+00	-1.95E+00	8.67E-01	1.62E+00	-6.00E-01	-1.75E+00	-4.87E+00	73.11	-2.01E+00	-8.67E-01	
	96.00	-8.30E-05	1.67E-05	1.92E-05	6.67E-05	1.25E-04	-4.61E-05	2.68E-05	-9.31E-05				
90	952.60	-7.15E-01	2.25E+00	1.25E+00	2.64E+00	8.23E-01	-1.90E+00	3.79E+00	-2.26E+00	59.63	3.12E+00	-1.90E+00	
	128.00	-5.81E-05	5.88E-05	1.76E-05	2.03E-04	6.33E-05	-1.46E-04	1.15E-04	-1.18E-04				
91	869.80	-1.32E+00	-1.99E-01	-6.575E-02	1.15E+00	8.65E-01	-3.53E-01	5.15E-01	-2.04E+00	58.05	-1.32E+00	1.15E+00	
	160.00	-3.34E-05	9.77E-06	1.49E-05	8.81E-05	6.66E-05	-2.71E-05	3.72E-05	-6.09E-05				
92	869.80	-6.26E+00	-2.06E+00	-2.40E+00	5.63E-01	3.08E+00	-7.14E-01	-1.98E+00	-6.33E+00	82.49	-2.06E+00	-5.63E-01	
	203.60	-1.23E-04	3.87E-05	2.53E-05	4.33E-05	2.37E-04	-5.49E-05	4.16E-05	-1.26E-04				
93	598.67	1.41E-01	8.43E-02	1.55E-01	3.36E+00	2.12E+00	-3.97E+00	3.48E+00	-3.25E+00	44.76	8.43E-02	-3.36E+00	
	16.00	1.24E-06	-9.26E-07	1.77E-06	2.59E-04	1.63E-04	-3.05E-04	1.30E-04	-1.29E-04				
94	645.75	-6.33E-01	-2.70E-01	-2.54E-01	2.15E+00	8.71E-01	-1.89E+00	1.71E+00	-2.61E+00	47.41	-6.33E-01	2.15E+00	
	24.00	-1.16E-05	2.32E-06	2.94E-06	1.65E-04	6.70E-05	-1.45E-04	7.83E-05	-8.76E-05				
95	613.10	-9.58E-01	-1.35E+00	-9.67E-01	3.64E+00	8.70E-01	-3.67E-01	2.49E+00	-4.80E+00	43.45	-9.58E-01	3.64E+00	
	60.33	-8.39E-07	-1.60E-05	-1.19E-06	2.80E-04	6.69E-05	-2.83E-05	1.32E-04	-1.49E-04				
96	708.45	-1.20E+00	-2.22E-01	-2.33E-01	1.72E+00	8.92E-01	-1.46E+00	1.08E+00	-2.50E+00	52.93	-1.31E+00	-1.69E+00	
	55.00	-2.80E-05	9.67E-06	9.23E-06	1.33E-04	6.86E-05	-1.13E-04	5.98E-05	-7.81E-05				
97	613.10	-3.51E+00	-1.58E+00	-1.65E+00	1.12E+00	2.82E+00	-9.08E-01	-1.06E+00	-4.02E+00	65.42	-1.58E+00	-1.12E+00	
	96.00	-6.10E-05	1.34E-05	1.06E-05	8.61E-05	2.17E-04	-6.98E-05	3.31E-05	-8.07E-05				
98	682.27	-1.25E+00	-3.03E-01	-2.74E-01	2.33E+00	8.75E-01	-1.52E+00	1.60E+00	-3.15E+00	50.74	1.33E+00	-1.10E+00	
	112.00	-2.80E-05	8.42E-06	9.54E-06	1.79E-04	6.73E-05	-1.17E-04	8.17E-05	-1.01E-04				
99	751.43	-3.97E+00	1.13E+00	-5.64E-01	2.66E+00	2.14E+00	-3.51E+00	2.28E+00	-5.03E+00	66.61	1.13E+00	-2.66E+00	
	96.00	-1.13E-04	7.98E-05	1.47E-05	2.05E-04	1.65E-04	-2.70E-04	1.24E-04	-1.57E-04				
100	683.25	-1.06E+00	-1.55E-01	-7.25E-02	8.76E-01	6.72E-01	-1.23E+00	3.80E-01	-1.59E+00	58.61	-1.06E+00	8.76E-01	
	152.00	-2.65E-05	8.14E-06	1.13E-05	6.74E-05	5.17E-05	-9.49E-05	2.97E-05	-4.70E-05				
101	648.67	-5.59E+00	-2.63E+00	-2.72E+00	5.04E-01	1.87E+00	-7.46E-01	-2.54E+00	-5.67E+00	60.58	-2.63E+00	-5.04E-01	
	192.00	-9.46E-05	1.91E-05	1.55E-05	3.88E-05	1.44E-04	-5.74E-05	2.23E-05	-9.78E-05				
102	725.25	-8.12E-01	5.24E-01	3.73E-01	9.77E-01	5.03E-01	-8.93E-01	1.04E+00	-1.33E+00	62.18	-9.27E-02	-1.18E+00	
	232.70	-3.22E-05	1.92E-05	1.34E-05	7.52E-05	3.87E-05	-6.87E-05	3.91E-05	-5.20E-05				
103	635.50	[illegible]4E-01	-9.91E-01	-3.60E-01	-1.04E-02	3.94E-01	2.[illegible]5E-01	-8.54E-01	-9.91E-01	-4.33	-8.54E-01	-1.04E-02	
	256.00	[illegible]3E-05	-1.39E-05	1.04E-05	-7.97E-07	3.03E-05	2[illegible]05	-8.60E-06	-1.39E-05				
104	635.5[illegible]	[illegible]4E+00	-1.33E+00	-6.87E-01	-1.01E-01	1.35E+00	[illegible]02	-1.31E+00	-1.96E+00	-80.82	-1.33E+00	1.01[illegible]	

	290.6[illegible]	[illegible]2E-05	-7.6[illegible]E-06	1.71E-05	-7.80E-06	1.03E-04	[illegible]06	-7.02E-06	-3.18E-05				
105	969.00	[illegible]96E-01	1.62E-01	5.90E-02	3.57E+00	1.20E+00	-3[illegible]+00	3.91E+00	-3.25E+00	43.66	4.96E-01	3.57E+[illegible]	
	16.50	1.12E-05	-1.64E-06	-5.61E-06	2.75E-04	9.21E-05	-2.58E-04	1.42E-04	-1.33E-04				
106	508.50	6.50E+00	4.38E+00	4.03E+00	2.43E+00	2.76E+00	-5.99E-01	8.10E+00	2.75E+00	33.24	4.38E+00	-2.43E+00	
	13.00	8.61E-05	4.67E-06	-9.86E-06	1.87E-04	2.12E-04	-7.65E-05	1.47E-04	-5.67E-05				
107	521.00	1.86E+00	9.97E-01	6.04E-01	3.44E+00	9.84E-01	-1.84E+00	4.89E+00	-2.04E+00	41.44	1.86E+00	3.44E+00	
	15.75	3.34E-05	3.64E-07	-1.48E-05	2.65E-04	7.57E-05	-1.42E-04	1.50E-04	-1.16E-04				
108	526.25	1.60E+00	8.42E-01	5.24E-01	3.80E+00	8.36E-01	-1.91E+00	5.04E+00	-2.60E+00	42.17	1.60E+00	3.80E+00	
	21.00	2.88E-05	-1.93E-07	-1.23E-05	2.92E-04	6.43E-05	-1.47E-04	1.61E-04	-1.33E-04				
109	515.50	4.00E+00	2.73E+00	2.54E+00	4.63E+00	1.94E+00	-1.01E+00	8.04E+00	-1.31E+00	41.09	2.73E+00	-4.63E+00	
	26.30	5.20E-05	3.06E-06	-4.09E-06	3.56E-04	1.49E-04	-7.78E-05	2.07E-04	-1.52E-04				
110	531.50	5.99E-01	4.74E-01	1.60E-01	3.11E+00	5.94E-01	-1.65E+00	3.65E+00	-2.58E+00	44.49	5.89E-01	3.11E+00	
	34.50	9.16E-06	4.92E-06	-7.33E-06	2.39E-04	4.57E-05	-1.27E-04	1.27E-04	-1.13E-04				
111	515.50	-2.46E+00	-3.72E+00	-2.86E+00	9.00E+00	4.69E-01	2.25E-01	5.93E+00	-1.21E+01	42.99	-2.46E+00	9.00E+00	
	44.00	4.85E-06	-4.37E-05	-1.08E-05	6.92E-04	3.61E-05	1.73E-05	3.27E-04	-3.66E-04				
112	515.50	-1.18E+00	-6.51E-01	-7.86E-01	2.09E+00	1.12E+00	-8.21E-01	1.19E+00	-3.03E+00	48.63	-6.51E-01	-2.09E+00	
	53.33	-1.68E-05	3.77E-06	-1.41E-06	1.61E-04	8.62E-05	-6.31E-05	7.47E-05	-8.76E-05				
113	547.50	-1.15E+00	8.87E-01	-1.55E-01	3.39E+00	6.85E-01	-3.42E+00	3.40E+00	-3.67E+00	53.38	1.93E+00	-2.87E+00	
	64.00	-3.97E-05	3.87E-05	-1.33E-06	2.61E-04	5.27E-05	-2.63E-04	1.36E-04	-1.37E-04				
114	515.50	-2.83E+00	-3.16E+00	-2.50E+00	3.74E+00	2.69E-01	-8.26E-01	7.46E-01	-6.74E+00	43.75	-2.83E+00	3.74E+00	
	74.67	-1.56E-05	-2.82E-05	-2.86E-06	2.98E-04	2.07E-05	-6.35E-05	1.22E-04	-1.66E-04				
115	515.50	-5.92E+00	-3.68E+00	-3.83E+00	1.36E+00	8.58E-01	-7.76E-01	-2.02E+00	-6.56E+00	64.82	-3.66E+00	-1.36E+00	
	88.00	-8.03E-05	6.62E-06	-6.49E-08	1.05E-04	6.60E-05	-5.97E-05	3.13E-05	-1.05E-04				
116	547.50	-3.23E+00	-6.54E-02	-1.32E+00	4.26E+00	5.92E-01	-2.55E+00	2.90E+00	-6.19E+00	55.19	1.75E+00	-3.01E+00	
	104.00	-7.35E-05	4.82E-05	-6.11E-08	3.28E-04	4.55E-05	-1.97E-04	1.62E-04	-1.87E-04				
117	515.50	-1.04E+00	-9.30E-01	-6.66E-01	3.00E+00	7.67E-02	-1.34E+00	2.02E+00	-3.99E+00	45.48	-1.04E+00	3.00E+00	
	120.00	-1.09E-05	-7.04E-06	3.42E-06	2.31E-04	5.90E-06	-1.03E-04	1.07E-04	-1.24E-04				
118	515.50	-4.10E+00	-2.44E+00	-2.42E+00	1.16E+00	4.21E-01	-6.54E-01	-1.84E+00	-4.69E+00	62.74	-2.44E+00	-1.16E+00	
	136.00	-5.91E-05	4.49E-06	5.47E-06	8.93E-05	3.23E-05	-5.03E-05	2.75E-05	-8.22E-05				
119	547.50	-2.82E+00	-7.17E-01	-1.23E+00	2.81E+00	3.07E-01	-1.38E+00	1.23E+00	-4.76E+00	55.26	4.80E-01	-1.98E+00	
	152.00	-5.60E-05	2.47E-05	5.15E-06	2.16E-04	2.36E-05	-1.06E-04	9.96E-05	-1.31E-04				
120	515.50	-1.34E+00	-9.97E-01	-6.10E-01	1.97E+00	4.97E-02	-7.32E-01	8.10E-01	-3.14E+00	47.46	-1.34E+00	1.97E+00	
	168.00	-1.90E-05	-6.01E-06	8.86E-06	1.51E-04	3.82E-06	-5.63E-05	6.35E-05	-8.85E-05				
121	515.50	-5.36E+00	-3.24E+00	-3.09E+00	9.09E-01	4.52E-01	-4.87E-01	-2.91E+00	-5.70E+00	69.69	-3.24E+00	-9.09E-01	
	184.00	-7.78E-05	3.75E-06	9.80E-06	6.99E-05	3.48E-05	-3.75E-05	1.67E-05	-9.07E-05				
122	547.50	-1.67E+00	1.13E+00	1.20E-01	3.15E+00	2.54E-01	-2.01E+00	3.18E+00	-3.72E+00	56.99	2.45E+00	-2.12E+00	
	200.00	-5.96E-05	4.81E-05	9.23E-06	2.42E-04	1.96E-05	-1.55E-04	1.27E-04	-1.38E-04				
123	515.50	8.14E-01	1.44E+00	1.40E+00	1.41E+00	-2.15E-01	-9.83E-01	2.57E+00	-3.20E-01	51.25	8.14E-01	1.41E+00	
	216.00	-8.93E-06	1.53E-05	1.36E-05	1.09E-04	-1.65E-05	-7.56E-05	5.89E-05	-5.24E-05				
124	515.50	-1.64E+00	-8.39E-01	-5.24E-01	3.71E-01	-2.42E-01	-3.23E-01	-6.93E-01	-1.78E+00	68.52	-8.39E-01	-3.71E-01	
	232.00	-3.00E-05	6.97E-07	1.28E-05	2.86E-05	-1.66E-05	-2.48E-05	6.32E-06	-3.56E-05				
125	547.50	-7.32E-01	-2.11E-01	6.14E-02	7.43E-01	-1.57E-01	-1.11E+00	3.16E-01	-1.26E+00	54.66	1.08E-01	-5.33E-01	
	248.00	-1.85E-05	1.57E-06	1.21E-05	5.72E-05	-1.21E-05	-8.57E-05	2.19E-05	-3.88E-05				
126	515.50	1.47E+00	2.21E+00	2.02E+00	-1.91E-01	-4.29E-01	-1.15E+00	2.25E+00	1.42E+00	-76.25	1.47E+00	-1.91E-01	
	264.00	-6.04E-06	2.22E-05	1.51E-05	-1.47E-05	-3.30E-05	-8.85E-05	2.40E-05	-7.84E-06				
127	515.50	-7.78E-01	-3.84E-01	-7.97E-02	1.44E-01	-8.36E-01	-1.86E-01	-3.36E-01	-8.25E-01	71.88	-3.84E-01	-1.44E-01	
	274.00	-1.63E-05	-1.12E-06	1.06E-05	1.11E-05	-6.43E-05	-1.43E-05	7.03E-07	-1.81E-05				
128	531.50	6.31E-01	4.02E-01	8.70E-01	7.93E-02	-3.85E-01	-1.08E-01	6.56E-01	3.77E-01	17.34	6.31E-01	7.93E-02	
	297.00	3.36E-06	-5.46E-06	1.26E-05	6.10E-06	-2.96E-05	-8.31E-06	4.31E-06	-6.41E-06				
129	515.50	2.86E+00	2.51E+00	2.65E+00	-5.25E-01	-4.13E-01	-7.37E-01	3.24E+00	2.13E+00	-35.66	2.86E+00	-5.25E-01	
	320.00	2.20E-05	8.36E-06	1.37E-05	-4.04E-05	-3.18E-05	-5.67E-05	3.65E-05	-6.14E-06				
130	565.50	7.45E-02	1.19E-01	-2.59E-01	5.33E+00	1.57E+00	-4.19E+00	5.43E+00	-5.24E+00	45.12	7.45E-02	5.33E+00	
	-8.00	4.04E-06	5.71E-06	-1.03E-05	4.10E-04	1.21E-04	-3.22E-04	2.10E-04	-2.00E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .5700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4535E+02	-.2867E+03	.1419E+03	.5739E+02	.1375E+03	-.9229E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.9039E+01	.3760E+01	.1894E+01	.4927E+02	-.3677E+02	-.4651E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7543E+01	-.1300E+01	.5004E+00	.7900E+02	-.8329E+02	-.8430E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1051E+02	.2366E+01	.2576E+00	.1105E+03	-.1298E+03	-.1234E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1187E+02	-.1793E+01	.2733E+00	.1427E+03	-.1763E+03	-.1659E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1078E+00	-.9160E+00	.7467E+00	.1927E+03	-.2229E+03	-.2168E+03
25	.2478E+02	.4039E+01	.2077E+00	.2409E+03	-.2456E+03	-.2664E+03
26	-.1862E+02	-.2376E+01	.1300E+00	.2603E+03	-.2597E+03	-.3028E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1212E+03	-.2409E+02	.4611E+01	.2657E+03	-.3576E+03	-.3321E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2377E+04	.4036E+03	-.1041E+02	.3778E+03	-.9492E+03	-.5258E+03
40	.1596E+04	.2427E+03	.9358E+01	.3537E+03	-.9373E+03	-.4820E+03
41	.9805E+03	.1245E+03	.2404E+02	.3044E+03	-.8500E+03	-.4183E+03
42	.2112E+03	.1047E+02	.2011E+02	.2656E+03	-.6056E+03	-.3665E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2074E+04	-.2645E+03	-.1104E+02	.5042E+02	-.9972E+03	.2740E+03
48	-.1790E+04	-.2298E+03	-.1244E+02	.1356E+03	-.9205E+03	.1963E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3434E+04	-.5236E+03	-.1607E+02	-.1654E+02	-.6765E+03	.8202E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.8420E+01	.2176E+02	-.4952E+00	.2783E+02	-.9816E+03	.2575E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2354E+04	-.3578E+03	-.1598E+02	.2519E+02	-.5475E+03	.7713E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1652E+04	-.2522E+03	-.2145E+02	.2063E+02	-.5161E+03	.7496E+03
66	-.5638E+03	-.8825E+02	-.2703E+02	.1565E+02	-.4329E+03	.7805E+03
[illegible]	.1117E+04	.1645E+03	-.2714E+02	.169[illegible]2	-.3483E+03	.7789E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1988E+04	.2955E+03	-.2292E+02	.1097E+03	-.2773E+03	.7800E+03
76	-.2134E+03	-.3396E+02	-.1593E+02	.1414E+03	-.1802E+03	.7904E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.8380E+03	.1249E+03	-.1180E+02	.1591E+03	-.5824E+02	.7631E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3496E+03	-.5256E+02	-.8571E+01	.2089E+03	.1780E+02	.7445E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4923E+03	.7480E+02	-.7647E+01	.1680E+03	.1233E+03	.6883E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3149E+03	-.4564E+02	-.6385E+01	.1490E+03	.1878E+03	.6286E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3635E+03	.5699E+02	-.6515E+01	.1473E+03	.2762E+03	.5659E+03
109	-.2130E+03	-.2889E+02	-.5697E+01	.1465E+03	.3369E+03	.4895E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3056E+03	.4962E+02	-.5565E+01	.9113E+02	.4046E+03	.4072E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1772E+03	.3075E+02	-.1306E+01	.5504E+02	.4381E+03	.3220E+03
115	.3675E+02	.9927E+01	.2605E-02	.2100E+02	.4433E+03	.2333E+03
116	.1566E+03	.2851E+02	.1301E+01	-.1704E+01	.4686E+03	.1772E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1495E+03	.2773E+02	.2829E+01	.2627E+02	.4843E+03	.1564E+03
119	.9343E+02	.1896E+02	.4188E+01	-.3982E+02	.4427E+03	.9051E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2723E+03	.3601E+02	.1657E+02	-.4000E+02	.3885E+03	.4814E+02
122	.2316E+03	.1837E+02	.2840E+02	.1401E+02	.3765E+03	.4846E+02
123	.1771E+03	.1239E+02	.2504E+02	.1010E+02	.3297E+03	.4382E+02
124	.1306E+03	.9899E+01	.1726E+02	.7386E+01	.2722E+03	.4007E+02
125	.8700E+02	.4698E+01	.1265E+02	.5125E+01	.2257E+03	.3648E+02
126	.2937E+02	-.4449E+01	.1180E+02	.2254E+01	.1909E+03	.3264E+02
127	-.1347E+02	-.1166E+02	.1208E+02	.2654E+00	.1641E+03	.2772E+02
128	-.5767E+02	-.1771E+02	.1166E+02	-.4407E+01	.1090E+03	.2215E+02
129	-.5926E+02	-.1549E+02	.9910E+01	-.6604E+01	.6406E+02	.1719E+02
130	-.4166E+02	-.9586E+01	.7399E+01	-.7101E+01	.3069E+02	.1365E+02
131	-.1115E+02	-.1752E+01	.5099E+01	-.6225E+01	.1206E+02	.1138E+02
132	.1236E+01	.7960E+00	.3777E+01	-.4016E+01	.1205E+02	.9749E+01

133	.2103E+01	.6520E+00	.3445E+01	-.2715E+01	.1316E+02	.6166E+01
134	.5017E+00	.2300E+00	.3425E+01	-.2073E+01	.1102E+02	.6416E+01
135	.2444E-01	.1931E-01	.3850E+01	-.1595E+01	.7756E+01	.4728E+01
136	-.1812E-01	.2266E-01	.5110E+01	-.1132E+01	.5055E+01	.3158E+01
137	-.9583E-01	-.2815E-01	.7971E+01	-.3301E+00	.2292E+01	.1730E+01
138	.2154E-01	.1656E+00	.1273E+03	-.6100E+00	-.6230E+00	.8810E+00
139	.1234E+00	.2000E+00	-.2714E+02	-.2137E-01	.3380E+00	-.3512E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5800E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.52917E-01	-.29462E-03	.53100E-01	.00000E+00
3	-.96622E-01	-.10330E-02	.96620E-01	.00000E+00
4	-.10480E+00	-.10378E-02	.10454E+00	.00000E+00
5	-.11316E+00	.33111E-05	.11320E+00	.00000E+00
6	-.12804E+00	.62332E-05	.12802E+00	-.28078E-04
7	-.11748E+00	-.22357E-02	.11908E+00	.00000E+00
8	-.12841E+00	-.17334E-02	.12886E+00	-.59024E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.52609E-01	-.63522E-03	.53163E-01	.00000E+00
11	-.97263E-01	-.13399E-02	.98791E-01	.00000E+00
12	-.10942E+00	-.16453E-02	.11024E+00	.00000E+00
13	-.11747E+00	-.13193E-02	.11844E+00	.00000E+00
14	-.12917E+00	-.18452E-02	.13110E+00	-.14700E-04
15	-.11901E+00	-.34103E-02	.12462E+00	.00000E+00
16	-.13032E+00	-.29993E-02	.13476E+00	.35260E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.53121E-01	-.96409E-03	.55500E-01	.00000E+00
19	-.99142E-01	-.19632E-02	.10404E+00	.00000E+00
20	-.11081E+00	-.24598E-02	.11662E+00	.00000E+00
21	-.12031E+00	-.17706E-02	.12564E+00	.00000E+00
22	-.13189E+00	-.22027E-02	.13988E+00	-.69298E-05
23	-.12353E+00	-.51447E-02	.13616E+00	.00000E+00
24	-.13384E+00	-.45941E-02	.14658E+00	-.46984E-04
25	-.13521E+00	-.57411E-02	.15089E+00	-.17410E-05
26	-.13600E+00	-.55593E-02	.15343E+00	.85839E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.53143E-01	-.18532E-02	.57571E-01	.00000E+00
29	-.10133E+00	-.37343E-02	.10943E+00	.00000E+00
30	-.11336E+00	-.43958E-02	.12420E+00	.00000E+00
31	-.12458E+00	-.53251E-02	.13838E+00	.00000E+00
32	-.13684E+00	-.63462E-02	.15625E+00	-.12761E-03
33	-.12423E+00	-.76452E-02	.13854E+00	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.52726E-01	-.26645E-02	.57741E-01	.00000E+00
36	-.10206E+00	-.46113E-02	.11075E+00	.00000E+00
37	-.11461E+00	-.51945E-02	.12392E+00	.00000E+00
38	-.12792E+00	-.66532E-02	.14366E+00	.00000E+00
39	-.13044E+00	-.89064E-02	.16111E+00	.72545E-04
40	-.13818E+00	-.92406E-02	.15998E+00	-.68530E-05
41	-.13742E+00	-.88527E-02	.15893E+00	-.59770E-04
42	-.13748E+00	-.78363E-02	.15776E+00	-.10851E-03
43	-.11329E+00	-.65787E-02	.12183E+00	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.49096E-01	.59172E-04	.53038E-01	.00000E+00
46	-.10158E+00	-.40939E-02	.10676E+00	.00000E+00
47	-.13857E+00	-.82346E-02	.16154E+00	.79170E-04
48	-.13853E+00	-.85377E-02	.16148E+00	.10451E-03
49	-.12776E+00	-.68517E-02	.14248E+00	.00000E+00
50	-.13982E+00	-.76112E-02	.16207E+00	.31066E-03
	-.12878E+00	-.74377E-02	.13962E+00	.000E+00
	-.14447E+00	-.76407E-02	.15294E+00	.000E+00

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	-.13867E+00	-.78506E-02	.16177E+00	[illegible]44E-04
[illegible]	-.11271E+00	-.42510E-02	.11387E+00	[illegible]00E+00
55	-.12601E+00	-.61353E-02	.12582E+00	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.42144E-01	-.46450E-02	.39409E-01	.00000E+00
58	-.90541E-01	-.30510E-02	.75693E-01	.00000E+00
59	-.14714E+00	-.59508E-02	.14542E+00	.00000E+00
60	-.14473E+00	-.73023E-02	.14877E+00	.00000E+00
61	-.14102E+00	-.86326E-02	.16246E+00	.47868E-03
62	-.10663E+00	-.22755E-02	.91425E-01	.00000E+00
63	-.12297E+00	-.22451E-02	.10994E+00	.00000E+00
64	-.14745E+00	-.75168E-02	.15501E+00	.00000E+00
65	-.14264E+00	-.86540E-02	.16282E+00	.59529E-03
66	-.14664E+00	-.86391E-02	.16355E+00	.72384E-03
67	-.15100E+00	-.87136E-02	.16435E+00	.69074E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.33131E-01	.52149E-03	.24010E-01	.00000E+00
70	-.95786E-01	-.78269E-03	.77329E-01	.00000E+00
71	-.14310E+00	-.22663E-02	.12653E+00	.00000E+00
72	-.15143E+00	-.72008E-02	.15545E+00	.00000E+00
73	-.11801E+00	-.11943E-02	.89382E-01	.00000E+00
74	-.16070E+00	-.74005E-02	.16217E+00	.00000E+00
75	-.15470E+00	-.87373E-02	.16505E+00	.52663E-03
76	-.15969E+00	-.89168E-02	.16637E+00	.36953E-03
77	-.13602E+00	-.52665E-03	.10799E+00	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.39530E-01	-.13477E-02	.32007E-01	.00000E+00
80	-.91358E-01	.74159E-03	.69086E-01	.00000E+00
81	-.10115E+00	.82489E-03	.75483E-01	.00000E+00
82	-.11333E+00	.12336E-02	.89925E-01	.00000E+00
83	-.15971E+00	-.21919E-02	.14034E+00	.00000E+00
84	-.15005E+00	-.97614E-04	.12097E+00	.00000E+00
85	-.16534E+00	-.90087E-02	.16804E+00	.29586E-03
86	-.16657E+00	-.76418E-02	.16661E+00	.00000E+00
87	-.13690E+00	.24499E-03	.10332E+00	.00000E+00
88	-.16666E+00	-.60965E-02	.15527E+00	.00000E+00
89	-.16925E+00	-.92500E-02	.16967E+00	.23854E-03
90	-.10512E+00	.63964E-03	.57843E-01	.00000E+00
91	-.11284E+00	.12206E-02	.63626E-01	.00000E+00
92	-.12119E+00	-.60054E-03	.67798E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.65448E-01	.00000E+00	.24753E-01	.00000E+00
95	-.83498E-01	.00000E+00	.44081E-01	.00000E+00
96	-.95608E-01	.00000E+00	.50404E-01	.00000E+00
97	-.99859E-01	.00000E+00	.50026E-01	.00000E+00
98	-.98179E-01	.00000E+00	.48763E-01	.00000E+00
99	-.10730E+00	-.43147E-03	.53441E-01	.00000E+00
100	-.13299E+00	-.89326E-03	.79974E-01	.00000E+00
101	-.16025E+00	-.31947E-02	.12197E+00	.00000E+00
102	-.17527E+00	-.95158E-02	.17200E+00	.21392E-03
103	-.16752E+00	-.36187E-02	.14489E+00	.00000E+00
104	-.17760E+00	-.87527E-02	.17242E+00	.00000E+00
105	-.17948E+00	-.96960E-02	.17399E+00	.18382E-03
106	-.17527E+00	-.42312E-02	.15768E+00	.00000E+00
107	-.18447E+00	-.92389E-02	.17532E+00	.00000E+00
108	-.18436E+00	-.98748E-02	.17594E+00	.17555E-03
109	-.19777E+00	-.10310E-01	.17733E+00	.14902E-03
110	-.13558E+00	-.10103E-01	.16594E+00	.00000E+00
111	-.19213E+00	-.10324E-01	.18027E+00	.00000E+00
112	-.19153E+00	-.10160E-01	.17859E+00	.13329E-03
113	-.19061E+00	-.89452E-02	.17162E+00	.00000E+00
114	-.19362E+00	-.10087E-01	.17943E+00	.49885E-04
115	-.19430E+00	-.10108E-01	.18004E+00	.13437E-04
116	-.19366E+00	-.99369E-02	.18018E+00	-.13446E-04

117	-.15329E+00	-.11351E-01	.18342E+00	.00000E+00
118	-.19437E+00	-.35102E-02	.18023E+00	-.24447E-04
119	-.19311E+00	-.98382E-02	.18019E+00	-.60177E-04
120	-.19492E+00	-.10519E-01	.18313E+00	.00000E+00
121	-.19121E+00	-.94217E-02	.17986E+00	-.10506E-03
122	-.19100E+00	-.87409E-02	.18005E+00	-.12758E-03
123	-.19067E+00	-.79127E-02	.18018E+00	-.14541E-03
124	-.19030E+00	-.69585E-02	.18032E+00	-.16602E-03
125	-.18979E+00	-.58858E-02	.18046E+00	-.19069E-03
126	-.18880E+00	-.37350E-02	.18068E+00	-.21997E-03
127	-.18773E+00	-.15415E-02	.18090E+00	-.22507E-03
128	-.18566E+00	.30196E-02	.18134E+00	-.18614E-03
129	-.18422E+00	.65355E-02	.18173E+00	-.12499E-03
130	-.18336E+00	.88084E-02	.18217E+00	-.52941E-04
131	-.18330E+00	.91136E-02	.18283E+00	.25670E-04
132	-.18388E+00	.73270E-02	.18342E+00	.46125E-04
133	-.18440E+00	.54753E-02	.18393E+00	.36136E-04
134	-.18471E+00	.41506E-02	.18435E+00	.26085E-04
135	-.18490E+00	.31250E-02	.18470E+00	.22198E-04
136	-.18504E+00	.21529E-02	.18494E+00	.22565E-04
137	-.18512E+00	.12069E-02	.18509E+00	.22048E-04
138	-.18518E+00	.18694E-03	.18518E+00	.24044E-04
139	-.18518E+00	.22305E-04	.18518E+00	.23023E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-4.40E-02	-1.81E-01	-1.12E-02	-6.46E+00	-2.58E-02	6.53E+00	6.35E+00	-6.57E+00	-44.70	-4.40E-02	-6.46E+00
	-303.00	1.07E-06	-5.17E-06	2.56E-06	-5.87E-04	-2.34E-06	5.94E-04	2.92E-04	-2.96E-04			
2	72.00	-9.51E-02	-2.52E-01	1.03E-01	-5.43E+00	-1.13E-03	5.58E+00	5.25E+00	-5.60E+00	-44.59	-9.51E-02	-5.43E+00
	-213.00	-1.15E-06	-8.29E-06	7.86E-06	-4.93E-04	-1.02E-07	5.07E-04	2.42E-04	-2.51E-04			
3	72.00	-8.56E-01	-3.01E-01	2.66E-01	-3.62E+00	3.66E-01	3.94E+00	3.05E+00	-4.21E+00	-47.19	-8.56E-01	-3.62E+00
	-138.00	-1.48E-05	-2.17E-06	1.07E-05	-1.64E-04	1.66E-05	1.79E-04	7.40E-05	-9.05E-05			
4	24.00	-4.48E+00	-2.54E+00	-3.21E+00	-6.77E+00	1.20E+00	7.47E+00	3.33E+00	-1.04E+01	-49.08	-4.48E+00	-6.77E+00
	-68.00	-6.00E-05	1.47E-05	-1.10E-05	-5.21E-04	9.26E-05	5.74E-04	2.40E-04	-2.86E-04			
5	72.00	1.54E+00	8.26E-01	1.87E+00	-3.00E+00	-9.78E-02	3.17E+00	4.21E+00	-1.84E+00	-41.61	8.26E-01	3.00E+00
	-88.00	1.27E-05	-1.48E-05	2.53E-05	-2.31E-04	-7.52E-06	2.44E-04	1.15E-04	-1.17E-04			
6	120.00	8.52E-01	8.76E-01	1.24E+00	-5.72E+00	-3.13E-01	5.65E+00	6.58E+00	-4.86E+00	-45.06	-4.76E+00	1.04E+00
	-68.00	1.02E-07	1.03E-06	1.52E-05	-4.40E-04	-2.41E-05	4.34E-04	2.21E-04	-2.19E-04			
7	36.25	-1.57E+00	-5.97E-01	-3.43E-01	-3.25E+00	4.23E-01	3.11E+00	2.20E+00	-4.37E+00	-49.25	-1.46E+00	-3.27E+00
	-19.00	-3.27E-05	4.59E-06	1.44E-05	-2.50E-04	3.25E-05	2.39E-04	1.12E-04	-1.41E-04			
8	108.00	1.76E-01	3.07E-01	6.10E-01	-2.46E+00	-5.03E-03	2.73E+00	2.71E+00	-2.22E+00	-45.76	1.76E-01	-2.46E+00
	-19.00	-5.25E-06	-2.04E-07	1.15E-05	-1.90E-04	-3.87E-07	2.10E-04	9.21E-05	-9.76E-05			
9	216.00	-3.59E-01	-5.16E-01	-2.45E-01	-6.47E+00	5.19E-02	6.66E+00	6.04E+00	-6.91E+00	-44.65	-3.59E-01	-6.47E+00
	-303.00	-1.78E-06	-8.89E-06	3.40E-06	-5.89E-04	4.72E-06	6.06E-04	2.89E-04	-3.00E-04			
10	216.00	-5.00E-01	-5.31E-01	-7.90E-02	-5.58E+00	1.70E-01	5.82E+00	5.06E+00	-6.09E+00	-44.92	-5.00E-01	-5.58E+00
	-213.00	-8.30E-06	-9.74E-06	1.08E-05	-5.07E-04	1.55E-05	5.29E-04	2.44E-04	-2.62E-04			
11	216.00	-8.16E-01	-4.42E-01	5.53E-01	-4.29E+00	5.30E-01	4.60E+00	3.67E+00	-4.92E+00	-46.25	-8.16E-01	-4.29E+00
	-138.00	-1.43E-05	-6.35E-06	1.63E-05	-1.95E-04	2.41E-05	2.09E-04	8.70E-05	-1.08E-04			
12	168.00	-2.07E+00	-2.00E+00	-1.23E+00	-6.60E+00	9.74E-01	6.80E+00	4.56E+00	-8.63E+00	-45.16	-2.07E+00	-6.60E+00
	-68.00	-2.14E-05	-1.86E-05	1.09E-05	-5.07E-04	7.49E-05	5.23E-04	2.34E-04	-2.74E-04			
13	216.00	2.02E+00	7.54E-01	2.10E+00	-2.73E+00	7.99E-02	2.75E+00	4.20E+00	-1.39E+00	-38.67	7.94E-01	2.73E+00
	-88.00	2.37E-05	-2.35E-05	2.69E-05	-2.10E-04	6.15E-06	2.11E-04	1.08E-04	-1.08E-04			
14	264.00	1.38E-01	8.04E-01	1.16E+00	-5.60E+00	-1.02E-01	5.76E+00	6.08E+00	-5.13E+00	-46.70	-4.97E+00	1.34E+00
	-68.00	-1.80E-05	7.43E-06	2.20E-05	-4.30E-04	-7.88E-06	4.43E-04	2.10E-04	-2.21E-04			
15	180.00	-5.69E-01	-1.07E-01	3.84E-01	-2.87E+00	6.55E-01	2.73E+00	2.54E+00	-3.22E+00	-47.30	-5.69E-01	-2.87E+00
	-19.00	-1.87E-05	-9.04E-07	1.80E-05	-2.21E-04	5.04E-05	2.10E-04	1.01E-04	-1.21E-04			
16	252.00	[illegible]49E-01	1.65E-01	7.70E-01	-2.35E+00	2.52E-01	2.87E+00	2.27E+00	-2.45E+00	-48.13	-3.49E-01	-2.35E+00
	-19.00	[illegible]99E-05	-9.51E-08	2.32E-05	-1.80E-04	1.54E-05	[illegible]-04	8.08E-05	-1.01E-04			
17	361.	[illegible]89E-01	-8.33E-01	-3.83E-01	-6.53E+00	2.62E-02	[illegible]00	5.87E+00	-7.19E+00	-44.25	-4.89E-01	-6.5[illegible]

	-303	-7.74E-06	-1.57E-05	4.71E-06	-5.93E-04	2.30E-0[illegible]	[illegible]05E-04	2.89E-04	-3.05E-04				
18	361.	-5.95E-01	-7.63E-01	-1.30E-01	-5.94E+00	1.30E-01	[illegible]20E+00	5.17E+00	-6.55E+00	-44.55	-5.99E-01	-5.8[illegible]	
	-213.00	-7.58E-06	-1.53E-05	1.37E-05	-5.33E-04	1.19E-05	5.64E-04	2.55E-04	-2.78E-04				
19	361.00	-8.93E-01	-6.07E-01	7.24E-01	-4.62E+00	5.26E-01	5.21E+00	2.87E+00	-5.36E+00	-45.88	-8.93E-01	-4.62E+00	
	-138.00	-1.62E-05	-9.73E-06	2.05E-05	-2.10E-04	2.39E-05	2.37E-04	9.21E-05	-1.18E-04				
20	312.00	-3.63E+00	-3.02E+00	-1.98E+00	-7.48E+00	1.66E+00	6.24E+00	4.16E+00	-1.08E+01	-46.17	-3.63E+00	-7.48E+00	
	-68.00	-4.47E-05	-2.13E-05	1.86E-05	-5.75E-04	1.29E-04	6.34E-04	2.55E-04	-3.21E-04				
21	360.67	3.29E+00	1.88E+00	3.16E+00	-3.57E+00	-1.05E-01	4.05E+00	6.23E+00	-1.06E+00	-39.46	1.88E+00	3.57E+00	
	-88.00	3.48E-05	-1.91E-05	3.01E-05	-2.75E-04	-8.08E-06	3.11E-04	1.48E-04	-1.32E-04				
22	409.33	-1.99E+00	-2.75E+00	-9.31E-01	-7.10E+00	4.47E-02	8.87E+00	4.74E+00	-9.48E+00	-43.47	-9.39E+00	1.09E+00	
	-68.00	-1.42E-05	-4.35E-05	2.65E-05	-5.46E-04	3.44E-06	6.82E-04	2.44E-04	-3.02E-04				
23	324.00	-1.19E+00	-2.30E-01	5.18E-01	-2.97E+00	1.17E+00	2.90E+00	2.30E+00	-3.72E+00	-49.60	-1.19E+00	-2.97E+00	
	-10.00	-3.59E-05	1.11E-06	2.99E-05	-2.29E-04	8.98E-05	2.23E-04	9.84E-05	-1.33E-04				
24	372.00	-7.20E-01	5.00E-01	1.15E+00	-7.66E+00	1.11E+00	8.15E+00	7.57E+00	-7.79E+00	-47.28	-7.20E-01	-7.66E+00	
	-9.33	-3.79E-05	9.05E-06	3.40E-05	-5.89E-04	8.57E-05	6.27E-04	2.81E-04	-3.10E-04				
25	401.25	-3.25E-01	1.05E-01	1.26E+00	-2.52E+00	3.83E-01	3.39E+00	2.42E+00	-2.64E+00	-47.44	2.05E+00	-1.31E+00	
	-10.00	-2.39E-05	-7.42E-06	3.71E-05	-1.94E-04	2.95E-05	2.61E-04	8.16E-05	-1.13E-04				
26	427.67	-3.81E+00	-3.66E+00	-1.82E+00	-8.60E+00	1.51E+00	1.15E+01	4.85E+00	-1.23E+01	-45.22	-8.89E+00	-6.89E+00	
	-9.33	-4.42E-05	-3.92E-05	3.23E-05	-6.61E-04	1.16E-04	8.88E-04	2.99E-04	-3.72E-04				
27	457.00	-5.90E-01	-1.23E+00	-5.66E-01	-6.57E+00	-3.65E-02	7.07E+00	5.67E+00	-7.48E+00	-43.58	-5.80E-01	-6.57E+00	
	-303.00	4.53E-06	-2.52E-05	5.17E-06	-5.97E-04	-3.32E-06	6.43E-04	2.88E-04	-3.09E-04				
28	457.00	-5.25E-01	-9.17E-01	-1.35E-01	-6.16E+00	2.01E-02	6.49E+00	5.44E+00	-6.88E+00	-44.09	-5.25E-01	-6.16E+00	
	-213.00	-3.37E-06	-2.12E-05	1.43E-05	-5.60E-04	1.83E-06	5.90E-04	2.68E-04	-2.92E-04				
29	457.00	-1.33E+00	-8.41E-01	5.05E-01	-4.91E+00	-1.97E-01	5.34E+00	3.83E+00	-6.00E+00	-46.43	-1.33E+00	-4.91E+00	
	-138.00	-2.15E-05	-1.04E-05	2.02E-05	-2.23E-04	-8.96E-06	2.43E-04	9.57E-05	-1.28E-04				
30	442.00	-2.02E+00	-4.61E+00	-1.76E+00	-8.47E+00	-2.31E-01	9.38E+00	5.26E+00	-1.19E+01	-40.65	-2.02E+00	-8.47E+00	
	-68.00	1.45E-05	-8.51E-05	2.45E-05	-6.52E-04	-1.78E-05	7.21E-04	2.94E-04	-3.65E-04				
31	457.33	9.94E+00	4.31E+00	6.44E+00	-2.92E+00	-4.56E+00	4.97E+00	1.12E+01	3.07E+00	-23.03	4.31E+00	2.92E+00	
	-88.00	1.55E-04	-6.16E-05	2.04E-05	-2.25E-04	-3.50E-04	3.82E-04	2.03E-04	-1.05E-04				
32	472.67	-1.67E+01	-1.47E+01	-1.18E+01	-7.27E+00	2.77E+00	1.19E+01	-8.36E+00	-2.30E+01	-48.99	-2.12E+01	-4.89E+00	
	-68.00	-1.68E-04	-8.95E-05	1.97E-05	-5.59E-04	2.13E-04	9.13E-04	1.54E-04	-4.11E-04				
33	443.00	-1.48E+00	-1.28E+00	2.86E-01	-4.38E+00	5.33E-01	4.54E+00	2.99E+00	-5.76E+00	-45.65	-1.48E+00	-4.38E+00	
	-10.50	-2.98E-05	-2.21E-05	3.82E-05	-3.37E-04	4.10E-05	3.49E-04	1.42E-04	-1.94E-04				
34	454.00	-1.35E+01	-1.05E+01	-8.48E+00	-1.10E+01	3.29E+00	1.47E+01	-9.29E-01	-2.31E+01	-48.84	-1.79E+01	-9.43E+00	
	-11.33	-1.62E-04	-4.81E-05	3.15E-05	-8.46E-04	2.53E-04	1.13E-03	3.22E-04	-5.32E-04				
35	461.67	-4.05E+00	-5.38E+00	-2.64E+00	-1.04E+01	8.39E-01	1.52E+01	5.72E+00	-1.51E+01	-43.17	-4.05E+00	-1.04E+01	
	-12.00	-2.31E-05	-7.43E-05	3.10E-05	-8.01E-04	6.45E-05	1.17E-03	3.53E-04	-4.50E-04				
36	469.00	8.21E+00	2.94E+00	5.68E+00	-1.00E+00	-4.03E+00	6.08E+00	8.40E+00	2.76E+00	-10.43	2.94E+00	1.00E+00	
	-30.00	1.31E-04	-7.19E-05	3.36E-05	-7.72E-05	-3.10E-04	4.68E-04	1.38E-04	-7.90E-05				
37	476.33	-6.99E+00	-9.78E+00	-5.51E+00	-7.14E+00	9.02E-01	1.25E+01	-1.11E+00	-1.57E+01	-39.48	-9.90E+00	-7.12E+00	
	-12.00	-2.41E-05	-1.31E-04	3.30E-05	-5.49E-04	6.94E-05	9.63E-04	2.02E-04	-3.58E-04				
38	558.50	3.03E-01	-2.70E-01	1.37E-01	-6.13E+00	-2.09E-01	6.78E+00	6.15E+00	-6.12E+00	-43.66	3.03E-01	-6.13E+00	
	-303.00	1.16E-05	-1.45E-05	4.01E-06	-5.57E-04	-1.90E-05	6.17E-04	2.77E-04	-2.80E-04				
39	558.50	-1.76E-01	-1.21E+00	-2.39E-01	-6.11E+00	-4.17E-01	6.58E+00	5.44E+00	-6.82E+00	-42.59	-1.76E-01	-6.11E+00	
	-213.00	1.31E-05	-3.38E-05	1.02E-05	-5.55E-04	-3.79E-05	5.98E-04	2.68E-04	-2.89E-04				
40	506.17	1.39E-01	-2.50E+00	1.53E-01	-1.37E+01	-9.62E-01	1.39E+01	1.24E+01	-1.52E+01	-41.84	1.39E-01	-1.37E+01	
	-128.00	1.68E-05	-5.22E-05	1.72E-05	-6.23E-04	-4.37E-05	6.33E-04	2.96E-04	-3.31E-04				
41	558.50	4.46E+00	-1.84E+00	1.32E+00	-5.94E+00	-3.43E+00	8.45E+00	8.03E+00	-5.41E+00	-31.05	-1.84E+00	5.94E+00	
	-148.00	8.06E-05	-6.24E-05	9.26E-06	-2.70E-04	-1.56E-04	3.84E-04	1.62E-04	-1.44E-04				
42	610.83	-7.00E-01	-3.11E+00	-6.61E-01	-1.18E+01	-2.42E+00	1.09E+01	9.95E+00	-1.38E+01	-42.10	-1.36E+01	1.94E+00	
	-128.00	7.36E-06	-4.71E-05	8.47E-06	-5.36E-04	-1.10E-04	4.95E-04	2.50E-04	-2.89E-04				
43	501.38	1.30E+00	1.25E-01	1.45E+00	-3.14E+00	-1.20E+00	4.01E+00	3.91E+00	-2.48E+00	-39.68	1.30E+00	-3.14E+00	
	-78.00	1.35E-05	-2.68E-05	2.41E-05	-2.41E-04	-9.21E-05	3.00E-04	1.19E-04	-1.27E-04				
44	534.67	-2.01E+00	-2.50E+00	-1.22E+00	-9.96E+00	-7.27E-01	1.23E+01	7.71E+00	-1.22E+01	-44.29	-1.21E+01	1.49E+00	
	-68.00	-1.43E-05	-3.32E-05	1.60E-05	-7.66E-04	-5.59E-05	9.49E-04	3.59E-04	-4.07E-04				
45	584.67	1.79E+00	4.84E-01	1.44E+00	-9.39E+00	-2.40E+00	8.72E+00	1.06E+01	-8.26E+00	-43.02	1.79E+00	-9.39E+00	
	-68.00	2.79E-05	-2.21E-05	1.46E-05	-7.22E-04	-1.90E-04	6.71E-04	3.45E-04	-3.59E-04				
46	610.83	9.68E+00	2.01E+00	4.74E+00	-5.05E+00	-4.64E+00	7.00E+00	1.22E+01	-4.99E-01	-26.40	2.01E+00	5.02E+00	
	-88.00	1.92E-04	-1.03E-04	1.90E-06	-3.89E-04	-3.57E-04	5.38E-04	2.98E-04	-2.00E-04				
47	482.63	3.59E-01	-6.54E-01	1.32E+00	-2.30E+00	-1.22E+00	4.57E+00	2.21E+00	-2.50E+00	-38.79	3.59E-01	-2.30E+00	
	-21.00	2.58E-06	-3.64E-05	3.94E-05	-1.77E-04	-9.35E-05	3.52E-04	7.37E-05	-1.07E-04				
48	485.83	-3.74E+00	-5.60E+00	-2.66E+00	-6.67E+00	-1.73E-01	1.39E+01	2.03E+00	-1.15E+01	-40.85	-4.61E+00	-6.74E+00	
	-12.00	-1.09E-05	-8.58E-05	3.03E-05	-5.13E-04	-1.33E-05	1.07E-03	2.11E-04	-3.08E-04				
49	507.88	1.41E-01	1.02E-01	1.39E+00	-2.50E+00	-7.32E-01	5.00E+00	2.62E+00	-2.38E+00	-44.77	1.41E-01	-2.50E+00	

	-21.00	-1.24E-05	-1.30E-05	3.53E-05	-1.92E-04	-5.63E-05	3.85E-04	8.30E-05	-1.09E-04				
50	538.67	-1.87E+00	-1.50E+00	-6.13E-01	-9.88E+00	-3.26E+00	1.07E+01	7.20E+00	-1.06E+01	-45.60	-1.05E+01	1.04E+00	
	-10.00	-2.92E-05	-1.30E-05	2.01E-05	-6.83E-04	-2.50E-04	8.27E-04	3.20E-04	-3.62E-04				
51	484.67	2.85E+01	1.97E+01	2.10E+01	6.34E-01	-2.13E+00	1.49E+00	2.86E+01	1.97E+01	4.11	1.97E+01	-6.34E-01	
	8.00	3.36E-04	-2.25E-06	4.74E-05	4.89E-05	-1.64E-04	1.15E-04	3.37E-04	-4.01E-06				
52	507.00	-6.85E+00	-8.40E+00	-4.74E+00	-4.65E+00	-1.49E+00	-4.12E+00	-2.94E+00	-1.24E+01	-40.39	-1.13E+01	-2.95E+00	
	6.00	-4.40E-05	-1.03E-04	3.79E-05	-3.58E-04	-1.15E-04	-3.17E-04	1.07E-04	-2.55E-04				
53	603.00	-9.39E-02	9.62E-03	1.53E-01	-3.63E+00	-1.65E+00	3.54E+00	3.65E+00	-3.73E+00	-45.40	2.22E+00	-2.92E+00	
	-18.00	-4.37E-06	-3.67E-07	5.13E-06	-2.84E-04	-1.27E-04	2.72E-04	1.40E-04	-1.44E-04				
54	712.00	4.27E-01	-6.43E-01	-7.33E-02	-5.75E+00	-5.04E-01	5.67E+00	5.67E+00	-5.88E+00	-42.34	4.27E-01	-5.75E+00	
	-303.00	2.32E-05	-2.55E-05	4.24E-07	-5.23E-04	-4.59E-05	5.15E-04	2.61E-04	-2.64E-04				
55	712.00	3.18E+00	1.56E+00	1.80E+00	-6.31E+00	-1.61E+00	5.55E+00	8.73E+00	-3.99E+00	-41.33	3.18E+00	-6.31E+00	
	-213.00	5.96E-05	-1.42E-05	-3.01E-06	-5.73E-04	-1.46E-04	5.04E-04	3.12E-04	-2.66E-04				
56	712.00	4.26E+00	1.99E+00	1.40E+00	-4.75E+00	-3.74E+00	4.29E+00	8.03E+00	-1.76E+00	-38.27	4.26E+00	-4.75E+00	
	-138.00	5.67E-05	5.07E-06	-8.36E-06	-2.16E-04	-1.70E-04	1.95E-04	1.42E-04	-8.01E-05				
57	712.00	1.19E+00	-6.41E-02	9.42E-02	-3.02E+00	-1.53E+00	3.37E+00	3.65E+00	-2.52E+00	-39.14	1.19E+00	-3.02E+00	
	-78.00	3.23E-05	-1.59E-05	-9.79E-06	-2.32E-04	-1.19E-04	2.59E-04	1.27E-04	-1.10E-04				
58	712.00	1.49E+00	8.74E-01	5.37E-01	-4.00E+00	-1.36E+00	4.00E+00	5.27E+00	-2.90E+00	-42.83	1.49E+00	-4.08E+00	
	-18.00	2.55E-05	1.70E-06	-1.13E-05	-3.14E-04	-1.05E-04	3.07E-04	1.71E-04	-1.44E-04				
59	937.00	1.63E+01	8.96E+00	1.01E+01	-4.91E+00	-2.89E+00	4.82E+00	1.87E+01	6.57E+00	-26.37	8.96E+00	4.81E+00	
	-318.00	2.81E-04	-5.16E-05	.00E+00	-4.37E-04	-2.63E-04	4.38E-04	3.89E-04	-1.60E-04				
60	887.00	2.20E+00	2.31E-03	8.83E-01	-1.29E+01	-1.13E+00	1.07E+01	1.40E+01	-1.18E+01	-42.56	-1.08E+01	5.09E+00	
	-288.00	6.01E-05	-4.00E-05	.00E+00	-1.17E-03	-1.03E-04	9.71E-04	5.97E-04	-5.77E-04				
61	987.00	-2.96E+00	-2.10E+00	-2.03E+00	-1.31E+01	5.86E-01	9.78E+00	1.05E+01	-1.56E+01	-45.95	-2.96E+00	-1.31E+01	
	-288.00	-4.27E-05	-3.39E-06	.60E+00	-1.19E-03	5.33E-05	8.89E-04	5.71E-04	-6.17E-04				
62	1037.00	1.61E+01	9.62E+00	1.03E+01	-9.56E+00	-2.35E+00	7.82E+00	2.29E+01	2.75E+00	-35.67	9.62E+00	9.56E+00	
	-318.00	2.64E-04	-2.99E-05	.00E+00	-8.69E-04	-2.13E-04	7.11E-04	5.76E-04	-3.42E-04				
63	862.00	3.44E-01	9.60E-02	-2.28E-01	-6.52E+00	-3.60E-01	5.50E+00	6.74E+00	-6.30E+00	-44.45	3.44E-01	-6.52E+00	
	-213.00	1.20E-05	1.61E-06	-1.31E-05	-5.93E-04	-3.27E-05	5.00E-04	3.04E-04	-2.89E-04				
64	1012.00	-8.65E-01	-6.25E-01	-1.03E+00	-7.01E+00	1.47E-01	5.53E+00	6.26E+00	-7.75E+00	-45.49	-8.65E-01	-7.01E+00	
	-213.00	-6.57E-06	4.36E-06	-1.42E-05	-6.37E-04	1.34E-05	5.02E-04	3.18E-04	-3.20E-04				
65	837.00	-1.74E-02	3.89E-01	-1.15E+00	-4.98E+00	-1.10E+00	5.79E+00	5.17E+00	-4.80E+00	-46.17	3.89E-01	4.98E+00	
	-148.00	3.68E-06	1.29E-05	-2.21E-05	-2.26E-04	-5.01E-05	2.63E-04	1.22E-04	-1.05E-04				
66	937.00	8.51E-01	1.74E-01	-8.19E-01	-8.69E+00	-7.36E-01	6.76E+00	9.20E+00	-8.18E+00	-43.88	-5.72E+00	6.06E+00	
	-128.00	1.83E-05	2.87E-06	-1.97E-05	-3.95E-04	-3.34E-05	3.07E-04	2.08E-04	-1.87E-04				
67	1037.00	8.12E+00	1.65E+00	1.70E+00	-8.37E+00	-2.88E+00	7.70E+00	1.39E+01	-4.09E+00	-34.44	1.65E+00	8.37E+00	
	-148.00	1.24E-04	-2.26E-05	-2.15E-05	-3.80E-04	-1.31E-04	3.50E-04	2.55E-04	-1.53E-04				
68	837.00	2.63E+00	2.27E+00	1.30E+00	-9.46E+00	-1.55E+00	7.62E+00	1.19E+01	-7.00E+00	-44.45	2.63E+00	-9.46E+00	
	-68.00	3.31E-05	1.92E-05	-1.82E-05	-7.27E-04	-1.19E-04	5.86E-04	3.90E-04	-3.38E-04				
69	937.00	3.20E+00	-5.21E-01	7.32E-02	-5.12E+00	-1.63E+00	4.51E+00	6.79E+00	-4.11E+00	-35.03	-5.21E-01	5.12E+00	
	-88.00	9.27E-05	-5.02E-05	-2.74E-05	-3.94E-04	-1.25E-04	3.47E-04	2.31E-04	-1.88E-04				
70	1037.00	1.15E-01	-1.21E+00	-1.34E+00	-8.72E+00	3.69E-01	9.26E+00	8.20E+00	-9.29E+00	-42.82	-7.04E+00	5.86E+00	
	-68.00	3.12E-05	-1.99E-05	-2.48E-05	-6.71E-04	2.84E-05	7.12E-04	3.42E-04	-3.31E-04				
71	862.00	2.11E+00	1.20E+00	4.13E-01	-4.01E+00	-1.37E+00	3.84E+00	5.69E+00	-2.38E+00	-41.78	2.11E+00	-4.01E+00	
	-18.00	4.02E-05	5.30E-06	-2.50E-05	-3.09E-04	-1.05E-04	2.95E-04	1.78E-04	-1.33E-04				
72	1012.00	-6.14E-01	-1.02E+00	-1.67E+00	-4.37E+00	1.86E-01	3.47E+00	3.56E+00	-5.19E+00	-43.68	-6.14E-01	-4.37E+00	
	-18.00	1.27E-05	-2.76E-06	-2.81E-05	-3.36E-04	1.43E-05	2.67E-04	1.73E-04	-1.63E-04				
73	1387.00	-8.79E-01	-9.35E-01	-8.82E-01	-5.18E+00	-1.05E-02	3.47E+00	4.27E+00	-6.09E+00	-44.84	-8.79E-01	-5.18E+00	
	-303.00	-4.93E-06	-7.49E-06	-5.09E-06	-4.71E-04	-9.59E-07	3.16E-04	2.29E-04	-2.42E-04				
74	1387.00	-9.56E-02	1.24E-01	-4.88E-01	-5.49E+00	-1.17E-01	3.45E+00	5.50E+00	-5.47E+00	-45.57	-9.56E-02	-5.49E+00	
	-213.00	1.62E-06	1.16E-05	-1.62E-05	-4.99E-04	-1.07E-05	3.13E-04	2.56E-04	-2.43E-04				
75	1387.00	9.43E-02	-3.67E-01	-1.45E+00	-4.04E+00	-3.93E-01	2.33E+00	3.91E+00	-4.19E+00	-43.37	9.43E-02	-4.09E+00	
	-138.00	1.12E-05	6.94E-07	-2.39E-05	-1.84E-04	-1.78E-05	1.06E-04	9.80E-05	-8.61E-05				
76	1187.00	1.56E+00	1.12E+00	2.83E-01	-6.16E+00	-1.11E+00	2.43E+00	7.51E+00	-4.83E+00	-43.98	1.56E+00	-6.16E+00	
	-68.00	2.73E-05	1.05E-05	-2.16E-05	-4.74E-04	-8.53E-05	1.87E-04	2.56E-04	-2.18E-04				
77	1387.00	1.81E+00	1.34E+00	7.42E-02	-3.14E+00	-8.24E-01	2.42E+00	4.73E+00	-1.57E+00	-42.83	1.34E+00	3.14E+00	
	-88.00	3.43E-05	1.60E-05	-3.26E-05	-2.42E-04	-6.34E-05	1.86E-04	1.46E-04	-9.60E-05				
78	1587.00	4.39E-01	2.61E-01	-7.57E-01	-3.94E+00	3.16E-02	1.45E+00	4.29E+00	-3.59E+00	-44.35	-1.25E+00	3.60E+00	
	-68.00	1.75E-05	1.07E-05	-2.85E-05	-3.03E-04	2.43E-06	1.11E-04	1.65E-04	-1.37E-04				
79	1237.00	2.40E+00	9.17E-01	1.99E-01	-3.38E+00	-1.15E+00	2.07E+00	5.12E+00	-1.80E+00	-38.81	2.40E+00	-3.38E+00	
	-18.00	5.37E-05	-3.40E-06	-3.10E-05	-2.60E-04	-8.86E-05	1.59E-04	1.58E-04	-1.08E-04				
80	1433.80	1.45E+00	4.63E-01	-4.34E-01	-3.98E+00	-5.14E-01	1.55E+00	4.96E+00	-3.05E+00	-41.45	1.45E+00	-3.98E+00	
	-8.0[illegible]	[illegible].06E-05	1.51E-06	-3.30E-05	-3.06E-04	-3.96E-05	[illegible]E-04	1.75E-04	-1.34E-04				
81	153[illegible]	[illegible].32E+00	5.42E-01	-1.09E-02	-2.33E+00	-4.03E-01	[illegible]E-01	3.97E+00	-1.04E+00	-34.18	5.42E-01	2.[illegible]	

	-29.	[illegible]8E-05	-1.12E-05	-3.25E-05	-1.79E-04	-3.10E-05	[illegible]	[illegible]-05	1.21E-04	-7.20E-05				
82	1633.9[illegible]	[illegible].49E+00	9.23E-01	2.17E-01	-8.42E-01	1.55E-02	[illegible]	[illegible]-01	2.95E+00	4.73E-01	-22.60	4.75E-01	8.24E[illegible]	
	[illegible]-8.00	[illegible].71E-05	-7.13E-06	-3.05E-05	-6.47E-05	1.19E-06	1.48E-05	7.06E-05	-2.07E-05					
83	1433.80	9.92E+00	4.22E+00	4.31E+00	-2.61E+00	-2.73E+00	1.16E+00	1.05E+01	3.26E+00	-21.36	4.28E+00	2.61E+00		
	-27.60	1.78E-04	-3.88E-05	-3.76E-05	-2.00E-04	-2.10E-04	8.54E-05	2.17E-04	-7.81E-05					
84	1296.10	3.52E+00	4.50E-01	2.59E-01	-2.81E+00	-1.32E+00	1.48E+00	5.18E+00	-1.22E+00	-30.67	2.18E+00	3.19E+00		
	40.70	9.89E-05	-2.91E-05	-3.65E-05	-2.16E-04	-1.01E-04	1.14E-04	1.53E-04	-9.32E-05					
85	1148.60	1.59E+00	-7.01E-01	-7.07E-01	-3.73E+00	-1.47E+00	8.77E-01	4.35E+00	-3.46E+00	-36.46	-2.84E+00	-2.11E+00		
	57.33	5.93E-05	-2.90E-05	-2.92E-05	-2.87E-04	-1.13E-04	6.75E-05	1.65E-04	-1.35E-04					
86	1131.40	1.35E+01	6.14E+00	5.76E+00	-1.35E+00	-4.99E+00	1.46E-01	1.28E+01	5.87E+00	-11.47	6.14E+00	1.35E+00		
	112.00	2.13E-04	-3.22E-05	-4.69E-05	-1.04E-04	-3.84E-04	1.12E-05	2.24E-04	-4.27E-05					
87	1019.80	3.60E+00	1.31E+00	7.67E-01	-3.95E+00	-1.91E+00	5.86E+00	6.57E+00	-1.66E+00	-36.93	1.31E+00	3.95E+00		
	34.67	7.60E-05	-1.19E-05	-3.29E-05	-3.04E-04	-1.47E-04	4.51E-04	1.90E-04	-1.26E-04					
88	886.60	1.78E+00	5.90E-01	-6.59E-03	-3.20E+00	-9.32E-01	3.50E+00	4.44E+00	-2.07E+00	-39.73	1.78E+00	-3.20E+00		
	46.00	4.25E-05	-3.31E-06	-2.62E-05	-2.46E-04	-7.17E-05	2.69E-04	1.45E-04	-1.06E-04					
89	869.80	8.25E+00	3.63E+00	3.54E+00	-1.71E+00	-2.84E+00	1.23E+00	8.82E+00	3.06E+00	-18.23	3.63E+00	1.71E+00		
	96.00	1.48E-04	-2.99E-05	-3.34E-05	-1.32E-04	-2.19E-04	9.50E-05	1.70E-04	-5.16E-05					
90	952.60	1.39E+00	-3.98E+00	-2.15E+00	-4.85E+00	-1.48E+00	3.51E+00	4.24E+00	-6.84E+00	-30.52	-5.60E+00	3.50E+00		
	128.00	1.05E-04	-1.01E-04	-3.05E-05	-3.73E-04	-1.14E-04	2.70E-04	2.15E-04	-2.11E-04					
91	869.80	2.38E+00	3.12E-01	1.29E-01	-2.17E+00	-1.53E+00	7.71E-01	3.75E+00	-1.06E+00	-32.30	2.38E+00	-2.17E+00		
	160.00	6.05E-05	-1.90E-05	-2.60E-05	-1.67E-04	-1.19E-04	5.93E-05	1.13E-04	-7.19E-05					
92	869.80	1.14E+01	3.83E+00	4.51E+00	-1.14E+00	-5.47E+00	1.34E+00	1.16E+01	3.66E+00	-8.33	3.83E+00	1.14E+00		
	203.60	2.23E-04	-7.02E-05	-4.40E-05	-8.78E-05	-4.20E-04	1.03E-04	2.29E-04	-7.66E-05					
93	598.67	-4.47E-01	1.86E-02	-2.76E-01	-6.37E+00	-3.74E+00	7.37E+00	6.16E+00	-6.59E+00	-46.05	1.86E-02	6.37E+00		
	16.00	-9.46E-06	8.46E-06	-2.87E-06	-4.90E-04	-2.88E-04	5.67E-04	2.45E-04	-2.46E-04					
94	645.75	1.14E+00	6.19E-01	5.22E-01	-4.08E+00	-1.54E+00	3.56E+00	4.97E+00	-3.21E+00	-43.19	1.14E+00	-4.08E+00		
	24.00	1.97E-05	-1.20E-06	-4.96E-06	-3.14E-04	-1.19E-04	2.74E-04	1.66E-04	-1.49E-04					
95	613.10	1.54E+00	2.30E+00	1.62E+00	-6.98E+00	-1.49E+00	9.67E-01	8.91E+00	-5.07E+00	-46.56	1.54E+00	-6.98E+00		
	69.33	-8.30E-07	2.85E-05	2.39E-06	-5.37E-04	-1.15E-04	7.44E-05	2.83E-04	-2.55E-04					
96	708.45	2.16E+00	4.80E-01	4.67E-01	-3.27E+00	-1.58E+00	2.79E+00	4.69E+00	-2.05E+00	-37.79	2.52E+00	3.15E+00		
	55.00	4.89E-05	-1.57E-05	-1.62E-05	-2.51E-04	-1.21E-04	2.15E-04	1.46E-04	-1.13E-04					
97	613.10	6.16E+00	2.77E+00	2.89E+00	-2.21E+00	-4.89E+00	1.70E+00	7.24E+00	1.68E+00	-26.26	2.77E+00	2.21E+00		
	96.00	1.07E-04	-2.34E-05	-1.86E-05	-1.70E-04	-3.76E-04	1.31E-04	1.49E-04	-6.53E-05					
98	682.27	2.24E+00	6.42E-01	5.47E-01	-4.51E+00	-1.51E+00	2.97E+00	6.02E+00	-3.14E+00	-39.96	-2.56E+00	2.22E+00		
	112.00	4.86E-05	-1.30E-05	-1.67E-05	-3.47E-04	-1.16E-04	2.28E-04	1.94E-04	-1.58E-04					
99	751.43	7.25E+00	-1.66E+00	1.30E+00	-5.00E+00	-3.86E+00	6.55E+00	9.50E+00	-3.90E+00	-24.14	-1.66E+00	5.00E+00		
	96.00	2.03E-04	-1.40E-04	-2.58E-05	-3.85E-04	-2.97E-04	5.04E-04	2.89E-04	-2.26E-04					
100	683.25	1.94E+00	4.04E-01	2.10E-01	-1.66E+00	-1.16E+00	2.25E+00	3.00E+00	-6.61E-01	-32.63	1.94E+00	-1.66E+00		
	152.00	4.65E-05	-1.25E-05	-2.00E-05	-1.28E-04	-8.89E-05	1.73E-04	8.74E-05	-5.34E-05					
101	648.67	1.01E+01	4.77E+00	4.95E+00	-1.03E+00	-3.27E+00	1.43E+00	1.03E+01	4.57E+00	-10.64	4.77E+00	1.03E+00		
	192.00	1.70E-04	-3.41E-05	-2.71E-05	-7.94E-05	-2.52E-04	1.10E-04	1.77E-04	-4.15E-05					
102	725.25	1.53E+00	-8.80E-01	-5.93E-01	-1.80E+00	-8.68E-01	1.62E+00	2.49E+00	-1.84E+00	-28.06	2.52E-01	2.16E+00		
	232.70	5.83E-05	-3.45E-05	-2.35E-05	-1.38E-04	-6.67E-05	1.24E-04	9.52E-05	-7.14E-05					
103	635.50	1.50E+00	1.69E+00	5.96E-01	-3.33E-02	-6.71E-01	-4.11E-01	1.70E+00	1.49E+00	-80.51	1.50E+00	-3.33E-02		
	256.00	1.60E-05	2.34E-05	-1.87E-05	-2.56E-06	-5.16E-05	-3.16E-05	2.37E-05	1.58E-05					
104	635.50	3.62E+00	2.46E+00	1.35E+00	1.25E-01	-2.33E+00	1.15E-01	3.64E+00	2.45E+00	6.08	2.46E+00	-1.25E-01		
	290.67	5.77E-05	1.31E-05	-2.99E-05	9.62E-06	-1.79E-04	8.81E-06	5.82E-05	1.26E-05					
105	569.00	-9.31E-01	-6.11E-02	-1.16E-02	-6.71E+00	-2.16E+00	6.26E+00	6.23E+00	-7.22E+00	-46.65	-9.31E-01	-6.71E+00		
	16.50	-2.48E-05	8.68E-06	1.06E-05	-5.16E-04	-1.66E-04	4.82E-04	2.51E-04	-2.67E-04					
106	508.50	-1.28E+01	-8.53E+00	-7.91E+00	-4.69E+00	-5.03E+00	1.88E+00	-5.51E+00	-1.58E+01	-57.16	-8.53E+00	4.69E+00		
	13.00	-1.70E-04	-7.11E-06	1.67E-05	-3.61E-04	-3.87E-04	1.45E-04	1.09E-04	-2.86E-04					
107	521.00	-3.54E+00	-1.73E+00	-1.12E+00	-6.51E+00	-1.80E+00	3.47E+00	3.91E+00	-9.23E+00	-48.85	-3.54E+00	-6.51E+00		
	15.75	-6.54E-05	2.27E-06	2.77E-05	-5.01E-04	-1.38E-04	2.67E-04	2.21E-04	-2.84E-04					
108	526.25	-3.04E+00	-1.49E+00	-9.67E-01	-7.19E+00	-1.52E+00	3.60E+00	4.97E+00	-9.49E+00	-48.08	-3.04E+00	-7.19E+00		
	21.00	-5.64E-05	3.16E-06	2.31E-05	-5.53E-04	-1.17E-04	2.77E-04	2.52E-04	-3.05E-04					
109	515.50	-7.90E+00	-5.31E+00	-5.00E+00	-8.80E+00	-3.50E+00	1.91E+00	2.29E+00	-1.55E+01	-49.19	-5.31E+00	8.80E+00		
	26.00	-1.04E-04	-4.09E-06	7.81E-06	-6.77E-04	-2.69E-04	1.47E-04	2.88E-04	-3.96E-04					
110	531.50	-1.11E+00	-7.98E-01	-2.64E-01	-5.87E+00	-1.07E+00	3.09E+00	4.92E+00	-6.83E+00	-45.77	-1.11E+00	-5.87E+00		
	34.50	-1.89E-05	-6.80E-06	1.37E-05	-4.52E-04	-8.20E-05	2.38E-04	2.13E-04	-2.39E-04					
111	518.50	4.46E+00	6.05E+00	5.25E+00	-1.71E+01	-8.31E-01	-2.06E-02	2.28E+01	-1.15E+01	-47.00	4.46E+00	-1.71E+01		
	44.00	-1.05E-05	8.15E-05	2.01E-05	-1.32E-03	-6.39E-05	-1.59E-06	6.95E-04	-6.24E-04					
112	515.50	1.97E+00	1.12E+00	1.34E+00	-3.97E+00	-1.97E+00	1.54E+00	5.53E+00	-2.44E+00	-41.91	1.12E+00	3.97E+00		
	53.33	2.73E-05	-5.75E-06	2.84E-06	-3.05E-04	-1.52E-04	1.19E-04	1.64E-04	-1.43E-04					
113	547.50	2.40E+00	-1.19E+00	5.82E-01	-6.33E+00	-1.23E+00	6.17E+00	7.18E+00	-5.97E+00	-37.10	-3.14E+00	5.41E+00		

	64.00	7.25E-05	-6.53E-05	2.57E-06	-4.97E-04	-9.45E-05	4.75E-04	2.57E-04	-2.49E-04					
114	515.50	5.32E+00	6.03E+00	4.73E+00	-7.12E+00	-4.83E-01	1.71E+00	1.28E+01	-1.46E+00	-46.43	5.32E+00	-7.12E+00		
	74.47	2.79E-05	5.53E-05	5.24E-06	-5.48E-04	-3.71E-05	1.32E-04	3.16E-04	-2.33E-04					
115	515.50	1.00E+01	6.75E+00	7.04E+00	-2.58E+00	-1.56E+00	1.45E+00	1.21E+01	5.51E+00	-25.77	6.75E+00	2.59E+00		
	88.00	1.46E-04	-1.11E-05	7.03E-09	-1.98E-04	-1.20E-04	1.12E-04	1.94E-04	-5.85E-05					
116	547.50	6.15E+00	3.85E-01	2.62E+00	-7.95E+00	-1.10E+00	4.79E+00	1.17E+01	-5.19E+00	-35.03	-3.02E+00	5.66E+00		
	104.00	1.36E-04	-8.59E-05	6.61E-08	-4.11E-04	-8.42E-05	3.68E-04	3.50E-04	-3.00E-04					
117	515.50	2.05E+00	1.96E+00	1.37E+00	-5.69E+00	-1.30E-01	2.63E+00	7.69E+00	-3.68E+00	-44.78	2.05E+00	-5.69E+00		
	120.00	1.96E-05	1.03E-05	-6.36E-06	-4.37E-04	-1.00E-05	2.02E-04	2.37E-04	-2.01E-04					
118	515.50	7.59E+00	4.58E+00	4.49E+00	-2.20E+00	-7.59E-01	1.22E+00	8.74E+00	3.41E+00	-27.73	4.56E+00	2.20E+00		
	136.00	1.09E-04	-7.41E-06	-1.00E-05	-1.69E-04	-5.84E-05	9.42E-05	1.53E-04	-5.18E-05					
119	547.50	5.31E+00	1.42E+00	2.35E+00	-5.31E+00	-5.73E-01	2.71E+00	9.02E+00	-2.29E+00	-34.94	-8.46E-01	3.77E+00		
	152.00	1.04E-04	-4.51E-05	-9.46E-06	-4.08E-04	-4.41E-05	2.08E-04	2.47E-04	-1.88E-04					
120	515.50	2.51E+00	1.96E+00	1.10E+00	-3.78E+00	-5.97E-02	1.58E+00	6.03E+00	-1.55E+00	-42.92	2.51E+00	-3.78E+00		
	168.00	3.44E-05	1.32E-05	-1.64E-05	-2.91E-04	-4.59E-06	1.22E-04	1.70E-04	-1.22E-04					
121	515.50	9.85E+00	5.98E+00	5.69E+00	-1.72E+00	-7.57E-01	9.15E-01	1.05E+01	5.33E+00	-20.88	5.98E+00	1.72E+00		
	184.00	1.42E-04	-6.27E-06	-1.77E-05	-1.33E-04	-5.82E-05	7.04E-05	1.68E-04	-3.16E-05					
122	547.50	3.25E+00	-1.86E+00	-5.52E-02	-5.88E+00	-4.47E-01	3.79E+00	7.11E+00	-5.72E+00	-33.26	-4.33E+00	3.94E+00		
	200.00	1.10E-04	-8.63E-05	-1.67E-05	-4.53E-04	-3.44E-05	2.91E-04	2.59E-04	-2.35E-04					
123	515.50	-1.42E+00	-2.50E+00	-2.48E+00	-2.71E+00	4.40E-01	2.08E+00	8.08E-01	-4.72E+00	-39.40	-1.42E+00	-2.71E+00		
	216.00	1.56E-05	-2.57E-05	-2.51E-05	-2.09E-04	3.38E-05	1.60E-04	1.01E-04	-1.11E-04					
124	515.50	2.96E+00	1.54E+00	9.64E-01	-7.01E-01	5.56E-01	6.05E-01	3.25E+00	1.25E+00	-22.28	1.54E+00	7.01E-01		
	232.00	5.39E-05	-8.83E-07	-2.30E-05	-5.40E-05	4.28E-05	4.65E-05	6.50E-05	-1.19E-05					
125	547.50	1.48E+00	5.79E-01	3.61E-02	-1.39E+00	3.28E-01	1.91E+00	2.49E+00	-4.27E-01	-35.97	-2.04E-02	1.01E+00		
	248.00	3.40E-05	-7.85E-07	-2.17E-05	-1.07E-04	2.52E-05	1.47E-04	7.27E-05	-3.95E-05					
126	515.50	-2.53E+00	-3.79E+00	-3.53E+00	2.96E-01	7.99E-01	2.24E+00	-2.46E+00	-3.85E+00	12.56	-2.53E+00	2.96E-01		
	264.00	1.11E-05	-3.75E-05	-2.77E-05	2.28E-05	6.14E-05	1.72E-04	1.36E-05	-4.00E-05					
127	515.50	1.47E+00	7.46E-01	1.90E-01	-2.66E-01	1.56E+00	3.44E-01	1.56E+00	6.59E-01	-18.09	7.46E-01	2.66E-01		
	276.00	3.02E-05	2.20E-06	-1.91E-05	-2.05E-05	1.20E-04	2.64E-05	3.35E-05	-1.14E-06					
128	531.50	-1.11E+00	-7.28E-01	-1.57E+00	-1.53E-01	7.14E-01	2.03E-01	-6.75E-01	-1.17E+00	-70.85	-1.11E+00	-1.53E-01		
	297.00	-5.42E-06	9.46E-06	-2.28E-05	-1.18E-05	5.49E-05	1.56E-05	1.15E-05	-7.46E-06					
129	515.50	-5.07E+00	-4.44E+00	-4.71E+00	9.39E-01	7.68E-01	1.47E+00	-3.76E+00	-5.74E+00	54.24	-5.07E+00	9.39E-01		
	320.00	-3.86E-05	-1.45E-05	-2.50E-05	7.22E-05	5.91E-05	1.13E-04	1.15E-05	-6.46E-05					
183	565.50	-1.87E-01	1.21E-02	6.28E-01	-1.00E+01	-2.83E+00	7.92E+00	9.96E+00	-1.01E+01	-45.28	-1.87E-01	-1.00E+01		
	-8.00	-1.22E-05	-4.51E-06	1.92E-05	-7.73E-04	-2.18E-04	6.09E-04	3.78E-04	-3.95E-04					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .5800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.9910E+02	.6226E+03	-.1692E+03	-.1084E+03	-.2564E+03	.1728E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1477E+02	-.6685E+01	-.3206E+01	-.9506E+02	.6865E+02	.8778E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1323E+02	.2217E+01	-.1471E+01	-.1529E+03	.1542E+03	.1596E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1851E+02	-.4200E+01	-.3677E+00	-.2140E+03	.2410E+03	.2335E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.2050E+02	.3031E+01	-.3898E+00	-[illegible]	.3272E+03	.3139E+03

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.1037E+01	.1341E+01	-.1277E+01	-.3[illegible]	.4146E+03	.4101E+03
	-.4572E+02	-.7429E+01	-.3158E+00	-.4618E+03	.4568E+03	.5037E+03
26	.2564E+02	.2914E+01	-.8930E-01	-.4997E+03	.4820E+03	.5722E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.2300E+03	.4499E+02	-.6185E+01	-.5113E+03	.6658E+03	.6275E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.4200E+04	-.7207E+03	.2339E+02	-.7213E+03	.1774E+04	.9913E+03
40	-.2876E+04	-.4445E+03	-.1177E+02	-.5775E+03	.1751E+04	.9092E+03
41	-.1831E+04	-.2392E+03	-.3995E+02	-.5852E+03	.1588E+04	.7896E+03
42	-.4165E+03	-.2581E+02	-.3544E+02	-.5116E+03	.1130E+04	.6884E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.4159E+04	.5382E+03	.2269E+02	-.1053E+03	.1864E+04	-.5075E+03
48	.3598E+04	.4669E+03	.2534E+02	-.2482E+03	.1723E+04	-.3642E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.6478E+04	.9875E+03	.3034E+02	.7259E+02	.1272E+04	-.1539E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1688E+02	-.3607E+02	.1455E+01	-.5959E+02	.1836E+04	-.4766E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.4438E+04	.6744E+03	.3015E+02	-.1123E+02	.1029E+04	-.1449E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.3112E+04	.4750E+03	.4045E+02	-.5546E+01	.9695E+03	-.1408E+04
66	.1054E+04	.1650E+03	.5093E+02	.6481E+01	.8131E+03	-.1467E+04
67	-.2124E+04	-.3128E+03	.5106E+02	.2869E+01	.6535E+03	-.1464E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3780E+04	-.5620E+03	.4304E+02	-.1708E+03	.5197E+03	-.1456E+04
76	.4068E+03	.6462E+02	.2972E+02	-.2278E+03	.3378E+03	-.1473E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1589E+04	-.2369E+03	.2187E+02	-.2636E+03	.1106E+03	-.1423E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.4444E+03	.1002E+03	.1571E+02	-.3563E+03	-.2980E+02	-.1386E+04
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.9311E+03	-.1414E+03	.1406E+02	-.2842E+03	-.2251E+03	-.1282E+04
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.6064E+03	.8800E+02	.1176E+02	-.2527E+03	-.3434E+03	-.1172E+04
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.6958E+03	-.1091E+03	.1200E+02	-.2515E+03	-.5073E+03	-.1054E+04
109	.4098E+03	.5584E+02	.1040E+02	-.2529E+03	-.6185E+03	-.9121E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.5832E+03	-.9446E+02	.1016E+02	-.1546E+03	-.7430E+03	-.7570E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.3165E+03	-.5513E+02	.2233E+01	-.9119E+02	-.8036E+03	-.5972E+03
115	-.8013E+02	-.2011E+02	-.2007E+00	-.3444E+02	-.8119E+03	-.4322E+03
116	-.2690E+03	-.4966E+02	-.2921E+01	.4547E+01	-.8564E+03	-.3261E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.2714E+03	-.5038E+02	-.5246E+01	-.4352E+02	-.8841E+03	-.2895E+03
119	-.1720E+03	-.3484E+02	-.7678E+01	.7244E+02	-.8083E+03	-.1649E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.5012E+03	-.6625E+02	-.3031E+02	.7158E+02	-.7094E+03	-.8601E+02
122	-.4243E+03	-.3351E+02	-.5213E+02	-.2418E+02	-.6870E+03	-.8864E+02
123	-.3238E+03	-.2251E+02	-.4611E+02	-.1706E+02	-.6013E+03	-.8016E+02
124	-.2382E+03	-.1608E+02	-.3180E+02	-.1212E+02	-.4963E+03	-.7329E+02
125	-.1585E+03	-.8425E+01	-.2333E+02	-.8022E+01	-.4114E+03	-.6673E+02
126	-.5301E+02	.8269E+01	-.2176E+02	-.2813E+01	-.3478E+03	-.5972E+02
127	.2508E+02	.2140E+02	-.2227E+02	.7621E+00	-.2988E+03	-.5073E+02
128	.1057E+03	.3242E+02	-.2149E+02	.9216E+01	-.1979E+03	-.4055E+02
129	.1084E+03	.2834E+02	-.1829E+02	.1312E+02	-.1160E+03	-.3149E+02
130	.7612E+02	.1751E+02	-.1365E+02	.1390E+02	-.5511E+02	-.2501E+02
131	.2038E+02	.3203E+01	-.9462E+01	.1214E+02	-.2127E+02	-.2086E+02
132	-.2214E+01	-.1451E+01	-.7019E+01	.7944E+01	-.2145E+02	-.1788E+02
133	-.3831E+01	-.1215E+01	-.6397E+01	.5432E+01	-.2365E+02	-.1498E+02
134	-.1087E+01	-.3652E+00	-.6358E+01	.4152E+01	-.1986E+02	-.1177E+02
135	-.3539E-01	-.3377E-01	-.7144E+01	.3181E+01	-.1405E+02	-.8676E+01
136	.2233E-01	-.4328E-01	-.8489E+01	.2243E+01	-.9113E+01	-.5795E+01
137	.1629E+00	.5352E-01	-.1483E+02	.1609E+01	-.4128E+01	-.3173E+01
138	-.5446E-01	-.3107E+00	-.2391E+03	.1137E+01	.1111E+01	-.1606E+01
139	-.2298E+00	-.3726E+00	.5745E+02	.1745E+00	-.6012E+00	.6183E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.54933E-01	.31366E-03	-.55101E-01	.00000E+00
3	.10054E+00	.10700E-02	-.10056E+00	.00000E+00
[illegible]	.10918E+00	.10530E-02	-.10895E+00	.00000E+00
[illegible]	.11805E+00	.27911E-04	-.11810E+00	[illegible]0000E+00
[illegible]	.13395E+00	-.14332E-04	-.13393E+00	[illegible]588E-04

	.12265E+00	.21550E-02	-.12433E+00	.00000E+00
	.13434E+00	.16664E-02	-.13491E+00	.3337E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.54625E-01	.60569E-03	-.55217E-01	.00000E+00
11	.10130E+00	.13777E-02	-.10289E+00	.00000E+00
12	.11308E+00	.15464E-02	-.11497E+00	.00000E+00
13	.12265E+00	.12349E-02	-.12365E+00	.00000E+00
14	.13516E+00	.17003E-02	-.13716E+00	.13137E-04
15	.12436E+00	.31440E-02	-.13015E+00	.00000E+00
16	.13639E+00	.27266E-02	-.14101E+00	-.49269E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.55219E-01	.85307E-03	-.57663E-01	.00000E+00
19	.10335E+00	.17281E-02	-.10842E+00	.00000E+00
20	.11571E+00	.21771E-02	-.12170E+00	.00000E+00
21	.12571E+00	.14313E-02	-.13122E+00	.00000E+00
22	.13907E+00	.18256E-02	-.14638E+00	.45394E-05
23	.12920E+00	.46132E-02	-.14234E+00	.00000E+00
24	.14016E+00	.40378E-02	-.15342E+00	.45891E-04
25	.14161E+00	.51656E-02	-.15795E+00	.34880E-06
26	.14246E+00	.49325E-02	-.16062E+00	-.14720E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.55418E-01	.16554E-02	-.59947E-01	.00000E+00
29	.10588E+00	.32475E-02	-.11421E+00	.00000E+00
30	.11849E+00	.37936E-02	-.12976E+00	.00000E+00
31	.13027E+00	.46619E-02	-.14468E+00	.00000E+00
32	.14336E+00	.55900E-02	-.16358E+00	.12491E-03
33	.12997E+00	.68797E-02	-.14487E+00	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.55071E-01	.24450E-02	-.60172E-01	.00000E+00
36	.10679E+00	.40160E-02	-.11573E+00	.00000E+00
37	.11980E+00	.45103E-02	-.12950E+00	.00000E+00
38	.13392E+00	.57269E-02	-.15029E+00	.00000E+00
39	.14501E+00	.78338E-02	-.16867E+00	-.81471E-04
40	.14473E+00	.82683E-02	-.16749E+00	-.22214E-05
41	.14446E+00	.79748E-02	-.16638E+00	.51889E-04
42	.14401E+00	.70284E-02	-.16514E+00	.10321E-03
43	.11887E+00	.57907E-02	-.12768E+00	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.51665E-01	-.41756E-03	-.55552E-01	.00000E+00
46	.10674E+00	.34429E-02	-.11197E+00	.00000E+00
47	.14515E+00	.71590E-02	-.16912E+00	-.74821E-04
48	.14510E+00	.74948E-02	-.16906E+00	-.11298E-03
49	.13377E+00	.59338E-02	-.14907E+00	.00000E+00
50	.14649E+00	.75009E-02	-.16969E+00	-.32949E-03
51	.13513E+00	.65096E-02	-.14630E+00	.00000E+00
52	.15157E+00	.65446E-02	-.16036E+00	.00000E+00
53	.14525E+00	.67240E-02	-.16936E+00	-.18306E-04
54	.11848E+00	.35287E-02	-.11958E+00	.00000E+00
55	.13305E+00	.54244E-02	-.13230E+00	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.44507E-01	.47732E-02	-.41700E-01	.00000E+00
58	.95749E-01	.29117E-02	-.80383E-01	.00000E+00
59	.15458E+00	.49851E-02	-.15291E+00	.00000E+00
60	.15193E+00	.62301E-02	-.15613E+00	.00000E+00
61	.14775E+00	.75184E-02	-.17011E+00	-.50718E-03
62	.11251E+00	.18596E-02	-.97113E-01	.00000E+00
63	.12958E+00	.16422E-02	-.11623E+00	.00000E+00
64	.15469E+00	.65040E-02	-.16255E+00	.00000E+00
65	.14947E+00	.75367E-02	-.17050E+00	-.62997E-03
66	.15372E+00	.75452E-02	-.17128E+00	-.76504E-03
67	.15031E+00	.75313E-02	-.17214E+00	-.72940E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.35124E-01	-.64197E-03	-.25845E-01	.00000E+00
70	.10147E+00	.48297E-03	-.83226E-01	.00000E+00

71	.15079E+00	.1[illegible]E-02	-.13415E+00	.00000E+00
72	.15802E+00	.60365E-02	-.16311E+00	.00000E+00
73	.12504E+00	.21199E-03	-.97073E-01	.00000E+00
74	.16965E+00	.62143E-02	-.17019E+00	.00000E+00
75	.14221E+00	.75387E-02	-.17259E+00	-.55522E-03
76	.16746E+00	.77599E-02	-.17431E+00	-.38852E-03
77	.14356E+00	-.41712E-04	-.11624E+00	.00000E+00
78	.00000E+00	.00100E+00	.00000E+00	.00000E+00
79	.42046E-01	.13259E-02	-.34543E-01	.00000E+00
80	.97139E-01	-.10022E-02	-.75352E-01	.00000E+00
81	.10759E+00	-.11157E-02	-.82621E-01	.00000E+00
82	.12033E+00	-.16554E-02	-.97127E-01	.00000E+00
83	.16529E+00	.12770E-02	-.14809E+00	.00000E+00
84	.15875E+00	-.53414E-03	-.13013E+00	.00000E+00
85	.17340E+00	.78457E-02	-.17610E+00	-.31062E-03
86	.17482E+00	.64140E-02	-.17475E+00	.00000E+00
87	.14515E+00	-.68741E-03	-.11229E+00	.00000E+00
88	.17513E+00	.49588E-02	-.16382E+00	.00000E+00
89	.17749E+00	.80792E-02	-.17785E+00	-.25014E-03
90	.11265E+00	-.67100E-03	-.68122E-01	.00000E+00
91	.12070E+00	-.12505E-02	-.74026E-01	.00000E+00
92	.12934E+00	.64561E-03	-.78499E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.49039E-01	.00000E+00	-.29816E-01	.00000E+00
95	.89865E-01	.00000E+00	-.53034E-01	.00000E+00
96	.10271E+00	.00000E+00	-.60275E-01	.00000E+00
97	.10736E+00	.00000E+00	-.60440E-01	.00000E+00
98	.10570E+00	.00000E+00	-.59173E-01	.00000E+00
99	.11509E+00	.51095E-03	-.64218E-01	.00000E+00
100	.14131E+00	.85143E-03	-.90094E-01	.00000E+00
101	.16922E+00	.27490E-02	-.13158E+00	.00000E+00
102	.18382E+00	.83265E-02	-.18035E+00	-.22461E-03
103	.17653E+00	.27160E-02	-.15414E+00	.00000E+00
104	.18634E+00	.75264E-02	-.18094E+00	.00000E+00
105	.18824E+00	.84955E-02	-.18250E+00	-.19375E-03
106	.18448E+00	.31473E-02	-.16702E+00	.00000E+00
107	.19364E+00	.80314E-02	-.18426E+00	.00000E+00
108	.19331E+00	.86581E-02	-.18452E+00	-.18513E-03
109	.19698E+00	.87926E-02	-.18615E+00	-.15691E-03
110	.19502E+00	.90934E-02	-.17576E+00	.00000E+00
111	.20167E+00	.96554E-02	-.18962E+00	.00000E+00
112	.20094E+00	.89221E-02	-.18755E+00	-.14043E-03
113	.20012E+00	.78312E-02	-.18131E+00	.00000E+00
114	.20316E+00	.88382E-02	-.18869E+00	-.53475E-04
115	.20391E+00	.88499E-02	-.18921E+00	-.15613E-04
116	.20400E+00	.86757E-02	-.18943E+00	.11730E-04
117	.20291E+00	.10346E-01	-.19281E+00	.00000E+00
118	.20373E+00	.86464E-02	-.18953E+00	.32669E-04
119	.20230E+00	.85598E-02	-.18955E+00	.59088E-04
120	.20458E+00	.93375E-02	-.19269E+00	.00000E+00
121	.20092E+00	.83513E-02	-.18928E+00	.10553E-03
122	.20070E+00	.74640E-02	-.18948E+00	.12873E-03
123	.20037E+00	.66371E-02	-.18963E+00	.14706E-03
124	.19999E+00	.56711E-02	-.18977E+00	.16819E-03
125	.19948E+00	.45732E-02	-.18992E+00	.19341E-03
126	.19848E+00	.24521E-02	-.19017E+00	.22325E-03
127	.19739E+00	.16436E-03	-.19040E+00	.22828E-03
128	.19530E+00	-.45259E-02	-.19089E+00	.18802E-03
129	.19385E+00	-.79342E-02	-.19132E+00	.12506E-03
130	.19300E+00	-.10342E-01	-.19180E+00	.51004E-04
131	.19300E+00	-.10407E-01	-.19253E+00	-.29614E-04
132	.19344E+00	-.84259E-02	-.19317E+00	-.50660E-04
1[illegible]	.19422E+00	-.63745E-02	-.19374E+00	[illegible]410E-04
	.19456E+00	-.48584E-02	-.19420E+00	[illegible]884E-04

1	.19479E+00	-.36707E-02	-.194[illegible]7E+00	[illegible]8E-04
136	.19494E+00	-.25265E-02	-.19495E+00	-.[illegible]94E-04
137	.19504E+00	-.14131E-02	-.19501E+00	-.25854E-04
138	.19510E+00	-.21745E-03	-.19510E+00	-.27986E-04
139	.19510E+00	-.26590E-04	-.19510E+00	-.24822E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .5900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.82E-02	1.74E-01	3.57E-03	6.71E+00	2.46E-02	-6.78E+00	6.81E+00	-6.60E+00	45.29	3.82E-02	6.71E+00
	-303.00	-1.07E-06	5.11E-06	-2.64E-06	6.10E-04	2.24E-06	-6.16E-04	3.07E-04	-3.03E-04			
2	72.00	1.02E-01	2.48E-01	-1.14E-01	5.66E+00	-2.78E-03	-5.82E+00	5.84E+00	-5.49E+00	45.37	1.02E-01	5.66E+00
	-213.00	1.55E-06	8.21E-06	-8.23E-06	5.15E-04	-2.52E-07	-5.29E-04	2.62E-04	-2.52E-04			
3	72.00	9.29E-01	2.96E-01	-2.80E-01	3.80E+00	-3.89E-01	-4.13E+00	4.43E+00	-3.20E+00	42.62	9.29E-01	3.80E+00
	-138.00	1.62E-05	1.76E-06	-1.13E-05	1.73E-04	-1.77E-05	-1.88E-04	9.57E-05	-7.77E-05			
4	24.00	4.64E+00	2.56E+00	3.24E+00	7.14E+00	-1.25E+00	-7.88E+00	1.08E+01	-3.62E+00	40.85	4.64E+00	7.14E+00
	-68.00	6.38E-05	-1.63E-05	9.91E-06	5.50E-04	-9.65E-05	-6.06E-04	3.01E-04	-2.54E-04			
5	72.00	-1.53E+00	-8.13E-01	-1.89E+00	3.14E+00	9.80E-02	-3.32E+00	1.99E+00	-4.33E+00	48.24	-8.13E-01	-3.14E+00
	-88.00	-1.22E-05	1.52E-05	-2.62E-05	2.42E-04	7.54E-06	-2.56E-04	1.23E-04	-1.20E-04			
6	120.00	-8.29E-01	-8.36E-01	-1.24E+00	6.05E+00	3.29E-01	-5.96E+00	5.22E+00	-6.88E+00	44.98	5.12E+00	-1.09E+00
	-68.00	1.38E-08	-2.40E-07	-1.57E-05	4.65E-04	2.53E-05	-4.58E-04	2.33E-04	-2.33E-04			
7	36.25	1.69E+00	6.51E-01	3.84E-01	3.43E+00	-4.50E-01	-3.29E+00	4.64E+00	-2.31E+00	40.74	1.56E+00	3.45E+00
	-19.00	3.48E-05	-4.81E-06	-1.51E-05	2.64E-04	-3.46E-05	-2.53E-04	1.49E-04	-1.19E-04			
8	108.00	-1.85E-01	-3.38E-01	-6.43E-01	2.63E+00	5.30E-03	-2.89E+00	2.37E+00	-2.90E+00	44.17	-1.85E-01	2.63E+00
	-19.00	5.71E-06	-1.98E-07	-1.19E-05	2.03E-04	4.08E-07	-2.22E-04	1.04E-04	-9.86E-05			
9	216.00	3.40E-01	4.74E-01	2.17E-01	6.72E+00	-5.53E-02	-6.92E+00	7.13E+00	-6.32E+00	45.29	3.40E-01	6.72E+00
	-303.00	2.06E-06	8.17E-06	-3.54E-06	6.11E-04	-5.02E-06	-6.29E-04	3.11E-04	-3.00E-04			
10	216.00	4.98E-01	4.90E-01	4.87E-02	5.82E+00	-1.82E-01	-6.07E+00	6.31E+00	-5.32E+00	44.98	4.98E-01	5.82E+00
	-213.00	9.18E-06	8.81E-06	-1.13E-05	5.29E-04	-1.65E-05	-5.52E-04	2.73E-04	-2.55E-04			
11	216.00	8.78E-01	4.09E-01	-5.77E-01	4.51E+00	-5.66E-01	-4.82E+00	5.16E+00	-3.87E+00	43.51	8.78E-01	4.51E+00
	-138.00	1.62E-05	5.56E-06	-1.68E-05	2.05E-04	-2.57E-05	-2.19E-04	1.13E-04	-9.17E-05			
12	168.00	2.11E+00	1.92E+00	1.20E+00	6.93E+00	-1.03E+00	-7.17E+00	8.95E+00	-4.92E+00	44.60	2.11E+00	6.93E+00
	-68.00	2.37E-05	1.62E-05	-1.12E-05	5.33E-04	-7.91E-05	-5.51E-04	2.87E-04	-2.47E-04			
13	216.00	-2.02E+00	-7.83E-01	-2.13E+00	2.84E+00	-9.20E-02	-2.88E+00	1.50E+00	-4.31E+00	51.17	-7.83E-01	-2.84E+00
	-88.00	-2.38E-05	2.42E-05	-2.77E-05	2.18E-04	-7.08E-06	-2.21E-04	1.12E-04	-1.11E-04			
14	264.00	-8.60E-02	-7.58E-01	-1.16E+00	5.91E+00	1.03E-01	-6.06E+00	5.49E+00	-6.34E+00	43.37	5.33E+00	-1.40E+00
	-68.00	1.88E-05	-7.08E-06	-2.27E-05	4.54E-04	7.95E-06	-4.66E-04	2.33E-04	-2.22E-04			
15	180.00	6.42E-01	1.23E-01	-3.72E-01	3.02E+00	-6.93E-01	-2.89E+00	3.41E+00	-2.64E+00	42.54	6.42E-01	3.02E+00
	-19.00	2.04E-05	4.18E-07	-1.86E-05	2.32E-04	-5.33E-05	-2.22E-04	1.27E-04	-1.06E-04			
16	252.00	3.59E-01	-2.05E-01	-8.13E-01	2.50E+00	-2.69E-01	-3.03E+00	2.60E+00	-2.44E+00	41.79	3.59E-01	2.50E+00
	-19.00	2.11E-05	-6.30E-07	-2.40E-05	1.92E-04	-2.06E-05	-2.33E-04	1.07E-04	-8.66E-05			
17	361.00	4.47E-01	7.40E-01	3.26E-01	6.79E+00	-3.20E-02	-7.21E+00	7.39E+00	-6.20E+00	45.62	4.47E-01	6.79E+00
	-303.00	6.90E-07	1.40E-05	-4.94E-06	6.17E-04	-2.91E-06	-6.55E-04	3.16E-04	-3.01E-04			
18	361.00	5.97E-01	6.91E-01	8.03E-02	6.11E+00	-1.48E-01	-6.47E+00	6.76E+00	-5.47E+00	45.22	5.97E-01	6.11E+00
	-213.00	9.36E-06	1.37E-05	-1.41E-05	5.56E-04	-1.35E-05	-5.89E-04	2.89E-04	-2.66E-04			
19	361.00	9.71E-01	5.32E-01	-7.64E-01	4.81E+00	-5.76E-01	-5.45E+00	5.57E+00	-4.07E+00	43.69	9.71E-01	4.81E+00
	-138.00	1.82E-05	8.21E-06	-2.12E-05	2.19E-04	-2.62E-05	-2.48E-04	1.23E-04	-9.63E-05			
20	312.00	3.69E+00	2.88E+00	1.93E+00	7.82E+00	-1.76E+00	-6.66E+00	1.11E+01	-4.54E+00	43.52	3.69E+00	7.82E+00
	-68.00	4.85E-05	1.74E-05	-1.92E-05	6.02E-04	-1.35E-04	-6.68E-04	3.34E-04	-2.68E-04			
21	360.67	-3.29E+00	-1.82E+00	-3.18E+00	3.69E+00	9.17E-02	-4.23E+00	1.20E+00	-6.31E+00	50.62	-1.82E+00	-3.69E+00
	-88.00	-3.53E-05	2.10E-05	-3.13E-05	2.84E-04	7.06E-06	-3.25E-04	1.37E-04	-1.52E-04			
22	409.33	1.94E+00	2.68E+00	8.47E-01	7.44E+00	-5.28E-02	-9.31E+00	9.76E+00	-5.13E+00	46.43	9.67E+00	-1.17E+00
	-68.00	1.45E-05	4.31E-05	-2.75E-05	5.72E-04	-4.06E-06	-7.16E-04	3.15E-04	-2.58E-04			
23	324.00	1.31E+00	2.46E-01	-5.09E-01	3.10E+00	-1.24E+00	-3.06E+00	3.92E+00	-2.36E+00	40.15	1.31E+00	3.10E+00
	-19.00	3.88E-05	-1.99E-06	-3.10E-05	2.39E-04	-9.51E-05	-2.35E-04	1.35E-04	-1.02E-04			
24	372.00	7.75E-01	-5.43E-01	-1.19E+00	8.10E+00	-1.17E+00	-8.63E+00	8.24E+00	-8.01E+00	42.68	7.75E-01	8.10E+00
	-9.33	4.04E-05	-1.03E-05	-3.53E-05	6.23E-04	-9.04E-05	-6.64E-04	3.28E-04	-2.98E-04			
25	401.25	3.43E-01	-1.12E-01	-1.31E+00	2.66E+00	-4.06E-01	-3.56E+00	2.78E+00	-2.55E+00	42.55	-2.16E+00	1.38E+00
	-19.00	2.51E-05	7.61E-06	-3.87E-05	2.04E-04	-3.14E-05	-2.74E-04	1.19E-04	-8.61E-05			
26	427.67	3.83E+00	3.55E+00	1.73E+00	9.05E+00	-1.59E+00	-1.22E+01	1.27E+01	-5.36E+00	44.56	9.16E+00	7.21E+00

	-9.33	4.72E-05	3.65E-05	-3.37E-05	6.56E-04	-1.22E-04	-5.38E-04	3.91E-04	-3.06E-04				
27	457.00	5.22E-01	1.11E+00	4.[illegible]E-01	6.95E+00	3.11E-02	-7.37E+00	7.67E+00	-6.04E+00	46.22	5.22E-01	6.95E+00	
	-303.00	-3.76E-06	2.28E-05	-5.27E-06	6.22E-04	2.82E-06	-6.70E-04	3.21E-04	-3.02E-04				
28	457.00	5.25E-01	7.78E-01	6.77E-02	6.43E+00	-4.66E-02	-6.79E+00	7.06E+00	-5.78E+00	45.56	5.25E-01	6.43E+00	
	-213.00	6.05E-06	1.76E-05	-1.47E-05	5.35E-04	-4.24E-06	-6.16E-04	3.04E-04	-2.81E-04				
29	457.00	1.52E+00	7.55E-01	-5.01E-01	5.07E+00	1.58E-01	-5.[illegible]6E+00	6.24E+00	-3.93E+00	42.97	1.52E+00	5.07E+00	
	-138.00	2.49E-05	9.59E-06	-2.09E-05	2.30E-04	7.16E-06	-2.53E-04	1.32E-04	-9.87E-05				
30	442.00	1.88E+00	4.31E+00	1.55E+00	8.80E+00	2.24E-01	-9.85E+00	1.20E+01	-5.78E+00	48.94	1.88E+00	8.80E+00	
	-68.00	-1.28E-05	9.09E-05	-2.55E-05	6.77E-04	1.74E-05	-7.58E-04	3.76E-04	-3.07E-04				
31	457.33	-1.04E+01	-4.70E+00	-6.80E+00	3.05E+00	4.76E+00	-5.20E+00	-3.37E+00	-1.17E+01	66.45	-4.70E+00	-3.05E+00	
	-88.00	-1.59E-04	5.96E-05	-2.10E-05	2.35E-04	3.66E-04	-4.00E-04	1.11E-04	-2.10E-04				
32	472.67	1.71E+01	1.45E+01	1.19E+01	7.59E+00	-2.94E+00	-1.25E+01	2.35E+01	8.13E+00	40.16	2.17E+01	4.95E+00	
	-68.00	1.80E-04	8.00E-05	-2.04E-05	5.84E-04	-2.26E-04	-5.59E-04	4.26E-04	-1.66E-04				
33	443.00	1.53E+00	1.22E+00	-3.55E-01	4.51E+00	-5.70E-01	-4.76E+00	5.88E+00	-3.14E+00	44.02	1.52E+00	4.51E+00	
	-19.50	3.24E-05	2.06E-05	-3.99E-05	3.47E-04	-4.39E-05	-3.66E-04	2.00E-04	-1.47E-04				
34	454.00	1.38E+01	1.05E+01	8.53E+00	1.15E+01	-3.46E+00	-1.54E+01	2.37E+01	5.57E-01	40.92	1.84E+01	9.80E+00	
	-11.33	1.70E-04	4.33E-05	-3.28E-05	8.83E-04	-2.66E-04	-1.19E-03	5.53E-04	-3.39E-04				
35	461.67	3.68E+00	4.76E+00	2.20E+00	1.09E+01	-8.82E-01	-1.60E+01	1.51E+01	-6.67E+00	46.43	3.68E+00	1.09E+01	
	-12.00	2.45E-05	6.43E-05	-3.23E-05	8.37E-04	-6.79E-05	-1.23E-03	4.64E-04	-3.74E-04				
36	469.00	-8.44E+00	-3.17E+00	-5.92E+00	1.04E+00	4.21E+00	-6.37E+00	-2.98E+00	-8.64E+00	79.23	-3.17E+00	-1.04E+00	
	-30.00	-1.32E-04	7.06E-05	-3.49E-05	8.00E-05	3.24E-04	-4.90E-04	7.82E-05	-1.40E-04				
37	476.33	6.71E+00	9.30E+00	5.15E+00	7.43E+00	-9.49E-01	-1.31E+01	1.55E+01	4.64E-01	49.94	9.72E+00	7.34E+00	
	-12.00	2.56E-05	1.25E-04	-3.44E-05	5.71E-04	-7.30E-05	-1.01E-03	3.65E-04	-2.15E-04				
38	558.50	-3.97E-01	8.91E-02	-2.47E-01	6.42E+00	2.06E-01	-7.08E+00	6.27E+00	-6.58E+00	46.08	-3.97E-01	6.42E+00	
	-303.00	-1.08E-05	1.13E-05	-4.02E-06	5.84E-04	1.87E-05	-6.44E-04	2.92E-04	-2.92E-04				
39	558.50	1.47E-01	1.05E+00	1.60E-01	6.41E+00	4.08E-01	-6.89E+00	7.02E+00	-5.82E+00	47.02	1.47E-01	6.41E+00	
	-213.00	-1.10E-05	3.02E-05	-1.04E-05	5.82E-04	3.71E-05	-6.26E-04	3.01E-04	-2.82E-04				
40	506.17	-5.32E-02	2.54E+00	-2.65E-01	1.44E+01	9.01E-01	-1.47E+01	1.57E+01	-1.32E+01	47.57	-5.32E-02	1.44E+01	
	-128.00	-1.29E-05	4.61E-05	-1.77E-05	6.54E-04	4.09E-05	-6.66E-04	3.45E-04	-3.12E-04				
41	558.50	-4.36E+00	1.64E+00	-1.35E+00	6.18E+00	3.46E+00	-6.78E+00	5.51E+00	-8.23E+00	57.96	1.64E+00	-6.18E+00	
	-148.00	-7.78E-05	5.87E-05	-9.35E-06	2.81E-04	1.57E-04	-3.99E-04	1.47E-04	-1.66E-04				
42	610.83	7.14E-01	2.78E+00	5.61E-01	1.24E+01	2.46E+00	-1.15E+01	1.42E+01	-1.07E+01	47.38	1.40E+01	-2.26E+00	
	-128.00	-5.05E-06	4.20E-05	-8.55E-06	5.64E-04	1.12E-04	-5.21E-04	3.02E-04	-2.65E-04				
43	501.28	-1.27E+00	-2.68E-01	-1.52E+00	3.28E+00	1.20E+00	-4.19E+00	2.55E+00	-4.09E+00	49.34	-1.27E+00	3.28E+00	
	-78.00	-1.52E-05	2.33E-05	-2.50E-05	2.52E-04	9.25E-05	-3.22E-04	1.32E-04	-1.24E-04				
44	534.67	2.00E+00	2.19E+00	1.07E+00	1.04E+01	7.16E-01	-1.28E+01	1.25E+01	-8.29E+00	45.26	1.23E+01	-1.71E+00	
	-68.00	1.90E-05	2.63E-05	-1.65E-05	7.98E-04	5.51E-05	-9.88E-04	4.22E-04	-3.77E-04				
45	584.67	-1.92E+00	-7.69E-01	-1.63E+00	9.94E+00	2.51E+00	-9.20E+00	8.61E+00	-1.13E+01	46.66	-1.92E+00	9.94E+00	
	-68.00	-2.65E-05	1.79E-05	-1.51E-05	7.64E-04	1.93E-04	-7.08E-04	3.79E-04	-3.87E-04				
46	610.83	-1.01E+01	-2.40E+00	-5.07E+00	5.34E+00	4.81E+00	-7.34E+00	3.25E-01	-1.28E+01	62.92	-2.40E+00	-5.34E+00	
	-88.00	-1.96E-04	1.01E-04	-1.80E-06	4.11E-04	3.70E-04	-5.65E-04	2.06E-04	-3.01E-04				
47	482.63	-4.83E-01	4.06E-01	-1.53E+00	2.40E+00	1.26E+00	-4.78E+00	2.40E+00	-2.48E+00	50.25	-4.83E-01	2.40E+00	
	-21.00	-9.55E-07	3.32E-05	-4.11E-05	1.84E-04	9.70E-05	-3.67E-04	1.10E-04	-7.77E-05				
48	485.83	3.16E+00	4.90E+00	2.04E+00	6.99E+00	1.76E-01	-1.46E+01	1.10E+01	-3.06E+00	48.34	4.07E+00	7.04E+00	
	-12.00	1.17E-05	7.47E-05	-3.15E-05	5.38E-04	1.36E-05	-1.13E-03	3.14E-04	-2.28E-04				
49	507.88	-1.66E-01	-3.19E-01	-1.53E+00	2.62E+00	7.35E-01	-5.22E+00	2.37E+00	-2.86E+00	44.16	-1.66E-01	2.62E+00	
	-21.00	1.58E-05	9.85E-06	-3.67E-05	2.01E-04	5.65E-05	-4.01E-04	1.13E-04	-8.78E-05				
50	538.67	1.98E+00	1.16E+00	4.58E-01	9.28E+00	3.35E+00	-1.12E+01	1.08E+01	-7.77E+00	43.89	1.07E+01	-1.26E+00	
	-10.00	3.39E-05	6.07E-06	-2.07E-05	7.14E-04	2.58E-04	-8.65E-04	3.77E-04	-3.37E-04				
51	484.67	-3.04E+01	-2.11E+01	-2.24E+01	-6.72E-01	2.30E+00	-1.56E+00	-2.10E+01	-3.05E+01	-85.90	-2.11E+01	6.72E-01	
	8.00	-3.58E-04	1.01E-06	-4.95E-05	-5.17E-05	1.77E-04	-1.20E-04	2.87E-06	-3.60E-04				
52	507.00	7.50E+00	9.08E+00	5.19E+00	5.05E+00	1.53E+00	4.19E+00	1.34E+01	3.18E+00	49.47	1.23E+01	3.18E+00	
	9.00	4.90E-05	1.10E-04	-3.95E-05	3.88E-04	1.18E-04	3.23E-04	2.76E-04	-1.17E-04				
53	603.00	1.37E-01	-1.08E-01	-1.84E-01	3.90E+00	1.65E+00	-3.70E+00	3.92E+00	-3.85E+00	44.10	-2.32E+00	3.13E+00	
	-18.00	6.97E-06	-2.45E-06	-5.38E-06	3.00E-04	1.27E-04	-2.85E-04	1.52E-04	-1.48E-04				
54	712.00	-5.27E-01	5.30E-01	-1.02E-02	6.07E+00	5.12E-01	-5.96E+00	6.09E+00	-6.09E+00	47.49	-5.27E-01	6.07E+00	
	-303.00	-2.39E-05	2.42E-05	-3.79E-07	5.52E-04	4.66E-05	-5.42E-04	2.77E-04	-2.77E-04				
55	712.00	-3.36E+00	-1.79E+00	-1.96E+00	6.67E+00	1.63E+00	-5.85E+00	4.14E+00	-9.25E+00	48.37	-3.36E+00	6.67E+00	
	-213.00	-6.05E-05	1.11E-05	3.18E-06	6.06E-04	1.46E-04	-5.32E-04	2.81E-04	-3.30E-04				
56	712.00	-4.33E+00	-2.20E+00	-1.47E+00	5.06E+00	3.77E+00	-4.55E+00	1.91E+00	-8.44E+00	50.95	-4.33E+00	5.06E+00	
	-128.00	-5.65E-05	-8.05E-06	8.58E-06	2.30E-04	1.72E-04	-2.07E-04	8.53E-05	-1.50E-04				
57	712.00	[illegible]21E+00	-2.49E-02	-1.29E-01	3.19E+00	1.54E+00	-3.[illegible]1E+00	2.63E+00	-3.86E+00	50.24	-1.21E+00	3.19E+00	
	-78.00	[illegible]4E-05	1.40E-05	9.97E-06	2.46E-04	1.18E-04	-[illegible]04	1.16E-04	-1.34E-04				
58	712.	[illegible]55E+00	-1.04E+00	-6.21E-01	4.31E+00	1.36E+00	[illegible]00	3.03E+00	-5.62E+00	46.67	-1.55E+00	4.3[illegible]	

	-18.00	[illegible].42E-05	-4.94E-06	1.14E-05	3.32E-04	1.05E-04	[illegible]E-04	1.52E-04	-1.61E-04					
59	837.00	1.72E+01	-9.55E+00	-1.07E+01	5.09E+00	3.06E+00	[illegible]E+00	-7.02E+00	-1.96E+01	63.54	-9.55E+00	-5.09E		
	-318.00	-2.97E-04	5.40E-05	.00E+00	4.63E-04	2.78E-04	-4.63E-04	1.68E-04	-4.12E-04					
60	887.00	-2.42E+00	-1.53E-01	-1.05E+00	1.36E+01	1.16E+00	-1.14E+01	1.24E+01	-1.50E+01	47.34	1.12E+01	-5.43E+00		
	-288.00	-6.25E-05	3.88E-05	.00E+00	1.24E-03	1.06E-04	-1.04E-03	6.10E-04	-6.33E-04					
61	987.00	3.07E+00	2.06E+00	2.05E+00	1.39E+01	-6.60E-01	-1.06E+01	1.64E+01	-1.13E+01	43.96	3.07E+00	1.39E+01		
	-288.00	4.61E-05	4.65E-07	.00E+00	1.26E-03	-6.00E-05	-9.61E-04	6.54E-04	-6.08E-04					
62	1037.00	-1.72E+01	-1.04E+01	-1.10E+01	1.02E+01	2.56E+00	-6.52E+00	-3.06E+00	-2.45E+01	54.25	-1.04E+01	-1.02E+01		
	-318.00	-2.80E-04	2.55E-05	.00E+00	9.26E-04	2.32E-04	-7.74E-04	3.63E-04	-6.13E-04					
63	862.00	-4.02E-01	-2.24E-01	1.58E-01	6.90E+00	3.31E-01	-5.89E+00	6.59E+00	-7.21E+00	45.37	-4.02E-01	6.90E+00		
	-213.00	-1.22E-05	-4.09E-06	1.33E-05	6.27E-04	3.01E-05	-5.36E-04	3.05E-04	-3.22E-04					
64	1012.00	8.89E-01	5.53E-01	1.01E+00	7.44E+00	-1.95E-01	-5.98E+00	8.16E+00	-6.72E+00	44.35	8.89E-01	7.44E+00		
	-213.00	8.62E-06	-6.68E-06	1.40E-05	6.76E-04	-1.77E-05	-5.44E-04	3.39E-04	-3.37E-04					
65	837.00	3.40E-01	-5.42E-01	1.19E+00	5.23E+00	7.23E-01	-6.15E+00	5.15E+00	-5.35E+00	42.57	-5.42E-01	-5.23E+00		
	-148.00	2.70E-06	-1.75E-05	2.18E-05	2.38E-04	3.29E-05	-2.79E-04	1.12E-04	-1.27E-04					
66	937.00	-8.04E-01	-3.26E-01	7.75E-01	9.22E+00	6.34E-01	-7.32E+00	8.66E+00	-9.75E+00	45.74	5.97E+00	-6.51E+00		
	-128.00	-1.64E-05	-5.55E-06	1.95E-05	4.19E-04	2.88E-05	-3.33E-04	1.99E-04	-2.21E-04					
67	1037.00	-8.43E+00	-1.90E+00	-1.90E+00	8.84E+00	2.91E+00	-8.20E+00	4.26E+00	-1.46E+01	55.14	-1.90E+00	-8.84E+00		
	-148.00	-1.27E-04	2.10E-05	2.10E-05	4.02E-04	1.32E-04	-3.73E-04	1.61E-04	-2.67E-04					
68	837.00	-2.68E+00	-2.53E+00	-1.42E+00	1.00E+01	1.42E+00	-8.30E+00	7.43E+00	-1.26E+01	45.21	-2.68E+00	1.00E+01		
	-68.00	-3.03E-05	-2.46E-05	1.84E-05	7.72E-04	1.09E-04	-6.39E-04	3.59E-04	-4.14E-04					
69	937.00	-3.19E+00	4.30E-01	-1.35E-01	5.33E+00	1.54E+00	-4.68E+00	4.25E+00	-7.01E+00	54.39	4.30E-01	-5.33E+00		
	-88.00	-9.10E-05	4.84E-05	2.67E-05	4.10E-04	1.18E-04	-3.60E-04	1.95E-04	-2.38E-04					
70	1037.00	-4.55E-01	7.32E-01	9.87E-01	9.09E+00	-3.18E-01	-9.40E+00	9.24E+00	-8.97E+00	46.87	6.83E+00	-6.17E+00		
	-68.00	-3.14E-05	1.43E-05	2.41E-05	6.99E-04	-2.44E-05	-7.23E-04	3.42E-04	-3.59E-04					
71	862.00	-2.13E+00	-1.35E+00	-4.86E-01	4.23E+00	1.28E+00	-4.03E+00	2.51E+00	-5.99E+00	47.62	-2.13E+00	4.23E+00		
	-18.00	-3.82E-05	-8.36E-06	2.48E-05	3.26E-04	9.87E-05	-3.10E-04	1.40E-04	-1.87E-04					
72	1012.00	5.89E-01	9.09E-01	1.60E+00	4.59E+00	-1.90E-01	-3.71E+00	5.34E+00	-3.85E+00	46.00	5.89E-01	4.59E+00		
	-18.00	-1.14E-05	8.69E-07	2.76E-05	3.53E-04	-1.46E-05	-2.86E-04	1.71E-04	-1.82E-04					
73	1387.00	9.18E-01	9.52E-01	8.95E-01	5.55E+00	-6.32E-03	-3.95E+00	6.49E+00	-4.62E+00	45.09	9.18E-01	5.55E+00		
	-303.00	5.83E-06	7.37E-06	4.76E-06	5.05E-04	-5.74E-07	-3.59E-04	2.59E-04	-2.46E-04					
74	1387.00	9.01E-02	-1.89E-01	4.32E-01	5.86E+00	8.20E-02	-3.90E+00	5.81E+00	-5.91E+00	44.32	9.01E-02	5.86E+00		
	-213.00	-2.32E-07	-1.29E-05	1.53E-05	5.33E-04	7.46E-06	-3.54E-04	2.60E-04	-2.73E-04					
75	1387.00	-6.16E-02	3.42E-01	1.38E+00	4.31E+00	3.19E-01	-2.65E+00	4.46E+00	-4.17E+00	46.34	-6.16E-02	4.31E+00		
	-138.00	-1.01E-05	-9.46E-07	2.27E-05	1.96E-04	1.45E-05	-1.21E-04	9.25E-05	-1.04E-04					
76	1187.00	-1.45E+00	-1.06E+00	-2.40E-01	6.66E+00	9.83E-01	-3.13E+00	5.40E+00	-7.92E+00	45.84	-1.45E+00	6.66E+00		
	-68.00	-2.56E-05	-1.06E-05	2.10E-05	5.12E-04	7.56E-05	-2.41E-04	2.38E-04	-2.74E-04					
77	1387.00	-1.84E+00	-1.43E+00	-1.94E-01	3.29E+00	7.41E-01	-2.55E+00	1.67E+00	-4.93E+00	46.81	-1.43E+00	-3.29E+00		
	-88.00	-3.28E-05	-1.68E-05	3.06E-05	2.53E-04	5.70E-05	-1.96E-04	1.02E-04	-1.52E-04					
78	1587.00	-5.65E-01	-3.93E-01	5.88E-01	4.20E+00	-1.47E-02	-1.77E+00	3.72E+00	-4.68E+00	45.57	1.21E+00	-3.84E+00		
	-68.00	-1.76E-05	-1.12E-05	2.67E-05	3.23E-04	-1.13E-06	-1.36E-04	1.47E-04	-1.76E-04					
79	1237.00	-2.47E+00	-9.93E-01	-3.00E-01	3.57E+00	1.07E+00	-2.27E+00	1.92E+00	-5.37E+00	50.83	-2.47E+00	3.57E+00		
	-18.00	-5.36E-05	3.14E-06	2.98E-05	2.75E-04	8.24E-05	-1.75E-04	1.15E-04	-1.65E-04					
80	1433.80	-1.50E+00	-4.59E-01	3.47E-01	4.18E+00	5.04E-01	-1.71E+00	3.23E+00	-5.19E+00	48.55	-1.50E+00	4.18E+00		
	-8.00	-4.00E-05	4.99E-08	3.11E-05	3.21E-04	3.88E-05	-1.31E-04	1.42E-04	-1.82E-04					
81	1533.80	-2.48E+00	-5.43E-01	-9.74E-02	2.42E+00	4.32E-01	-1.10E+00	1.09E+00	-4.12E+00	55.87	-5.49E-01	-2.42E+00		
	-28.00	-6.10E-05	1.32E-05	3.06E-05	1.86E-04	3.32E-05	-8.43E-05	7.63E-05	-1.24E-04					
82	1633.80	-2.65E+00	-8.59E-01	-3.74E-01	9.13E-01	3.75E-02	-2.70E-01	-5.10E-01	-3.04E+00	66.90	-5.15E-01	-1.10E-01		
	-8.00	-5.08E-05	8.52E-06	2.87E-05	7.02E-05	2.89E-06	-2.08E-05	2.35E-05	-7.38E-05					
83	1433.80	-1.02E+01	-4.41E+00	-4.55E+00	2.72E+00	2.68E+00	-1.25E+00	-3.34E+00	-1.13E+01	68.38	-4.41E+00	-2.72E+00		
	27.60	-1.81E-04	4.07E-05	3.55E-05	2.09E-04	2.06E-04	-9.59E-05	8.22E-05	-2.23E-04					
84	1296.10	-3.62E+00	-4.91E-01	-3.70E-01	2.90E+00	1.26E+00	-1.49E+00	1.24E+00	-5.36E+00	59.17	-2.27E+00	-3.29E+00		
	40.70	-9.01E-05	3.04E-05	3.50E-05	2.23E-04	9.69E-05	-1.15E-04	9.70E-05	-1.57E-04					
85	1148.60	-1.63E+00	7.49E-01	6.89E-01	3.93E+00	1.44E+00	-1.20E+00	3.67E+00	-4.55E+00	53.41	3.03E+00	2.20E+00		
	57.33	-6.06E-05	3.09E-05	2.86E-05	3.02E-04	1.10E-04	-9.20E-05	1.43E-04	-1.73E-04					
86	1131.40	-1.29E+01	-6.32E+00	-6.03E+00	1.46E+00	4.90E+00	-2.07E-01	-6.01E+00	-1.32E+01	78.03	-6.32E+00	-1.46E+00		
	112.00	-2.18E-04	3.42E-05	4.53E-05	1.12E-04	3.77E-04	-1.59E-05	4.61E-05	-2.30E-04					
87	1015.80	-3.71E+00	-1.62E+00	-9.58E-01	4.10E+00	1.61E+00	-5.87E+00	1.57E+00	-6.90E+00	52.13	-1.62E+00	-4.10E+00		
	34.67	-7.35E-05	6.75E-06	3.23E-05	3.16E-04	1.39E-04	-4.52E-04	1.29E-04	-1.96E-04					
88	886.60	-1.86E+00	-7.47E-01	-9.60E-02	3.38E+00	8.97E-01	-3.65E+00	2.12E+00	-4.72E+00	49.67	-1.86E+00	3.38E+00		
	46.00	-4.18E-05	9.58E-07	2.60E-05	2.60E-04	6.90E-05	-2.81E-04	1.11E-04	-1.52E-04					
89	869.80	-9.30E+00	-3.66E+00	-3.59E+00	1.87E+00	2.80E+00	-1.39E+00	-2.00E+00	-8.56E+00	70.53	-3.66E+00	-1.87E+00		
	96.00	-1.48E-04	3.00E-05	3.28E-05	1.44E-04	2.16E-04	-1.07E-04	5.54E-05	-1.74E-04					
90	952.60	-1.49E+00	3.96E+00	2.08E+00	4.99E+00	1.49E+00	-3.64E+00	6.91E+00	-4.45E+00	59.33	5.62E+00	-3.61E+00		

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	128.00	-1.07E-04	1.02E-04	3.01E-05	3.93E-04	1.15E-04	-2.60E-04	2.16E-04	-2.21E-04				
91	860.00	-2.40E+00	-2.72E-01	-1.31E-01	2.30E+00	1.52E+00	-9.05E-01	1.20E+00	-3.87E+00	57.39	-2.40E+00	2.30E+00	
	160.00	-6.15E-05	2.03E-05	2.57E-05	1.77E-04	1.17E-04	-6.96E-05	7.70E-05	-1.18E-04				
92	869.80	-1.17E+01	-3.99E+00	-4.71E+00	1.28E+00	5.46E+00	-1.41E+00	-2.78E+00	-1.19E+01	60.88	-3.99E+00	-1.28E+00	
	203.60	-2.27E-04	7.12E-05	4.33E-05	9.82E-05	4.20E-04	-1.09E-04	7.91E-05	-2.35E-04				
93	598.67	6.42E-01	-1.87E-01	2.83E-01	6.74E+00	3.72E+00	-7.67E+00	6.98E+00	-6.53E+00	43.24	-1.87E-01	-6.74E+00	
	16.00	1.66E-05	-1.53E-05	2.70E-06	5.18E-04	2.87E-04	-5.90E-04	2.60E-04	-2.59E-04				
94	645.75	-1.14E+00	-7.56E-01	-5.81E-01	4.32E+00	1.53E+00	-3.75E+00	3.38E+00	-5.28E+00	46.28	-1.14E+00	4.32E+00	
	24.00	-1.67E-05	-1.83E-06	4.87E-06	3.33E-04	1.18E-04	-2.88E-04	1.57E-04	-1.76E-04				
95	613.10	-1.39E+00	-2.20E+00	-1.52E+00	7.46E+00	1.44E+00	-1.26E+00	5.68E+00	-9.26E+00	43.42	-1.38E+00	7.46E+00	
	69.33	3.11E-06	-2.86E-05	-2.50E-06	5.74E-04	1.11E-04	-9.67E-05	2.75E-04	-3.00E-04				
96	708.45	-2.18E+00	-5.64E-01	-5.08E-01	3.46E+00	1.57E+00	-2.97E+00	2.18E+00	-4.92E+00	51.56	-2.71E+00	-3.29E+00	
	58.00	-4.80E-05	1.40E-05	1.61E-05	2.66E-04	1.21E-04	-2.28E-04	1.20E-04	-1.54E-04				
97	613.10	-6.04E+00	-2.72E+00	-2.84E+00	2.42E+00	4.79E+00	-1.78E+00	-1.45E+00	-7.32E+00	62.25	-2.72E+00	-2.42E+00	
	96.00	-1.05E-04	2.28E-05	1.95E-05	1.86E-04	3.68E-04	-1.37E-04	7.17E-05	-1.54E-04				
98	682.27	-2.26E+00	-7.43E-01	-5.96E-01	4.86E+00	1.46E+00	-3.22E+00	3.42E+00	-6.42E+00	49.43	2.75E+00	-2.47E+00	
	112.00	-4.73E-05	1.09E-05	1.66E-05	3.74E-04	1.13E-04	-2.48E-04	1.71E-04	-2.07E-04				
99	751.43	-7.59E+00	1.30E+00	-1.58E+00	5.25E+00	3.91E+00	-6.83E+00	3.73E+00	-1.00E+01	65.15	1.30E+00	-5.25E+00	
	96.00	-2.06E-04	1.37E-04	2.57E-05	4.04E-04	3.01E-04	-5.25E-04	2.30E-04	-2.99E-04				
100	683.25	-1.99E+00	-5.28E-01	-2.78E-01	1.76E+00	1.12E+00	-2.30E+00	6.51E-01	-3.17E+00	56.23	-1.99E+00	1.76E+00	
	152.00	-4.57E-05	1.04E-05	2.00E-05	1.36E-04	8.61E-05	-1.77E-04	5.57E-05	-9.11E-05				
101	648.67	-1.02E+01	-4.84E+00	-5.03E+00	1.16E+00	3.23E+00	-1.52E+00	-4.60E+00	-1.04E+01	78.23	-4.84E+00	-1.16E+00	
	192.00	-1.71E-04	3.40E-05	2.69E-05	8.94E-05	2.48E-04	-1.17E-04	4.33E-05	-1.80E-04				
102	728.25	-1.62E+00	8.26E-01	5.32E-01	1.85E+00	8.43E-01	-1.65E+00	1.82E+00	-2.61E+00	61.71	-3.36E-01	-2.22E+00	
	232.70	-5.93E-05	3.46E-05	2.33E-05	1.42E-04	6.49E-05	-1.27E-04	7.29E-05	-9.76E-05				
103	635.50	-1.47E+00	-1.62E+00	-5.48E-01	8.26E-02	6.44E-01	3.26E-01	-1.44E+00	-1.66E+00	23.87	-1.47E+00	8.26E-02	
	256.00	-1.66E-05	-2.24E-05	1.90E-05	6.35E-06	4.95E-05	2.51E-05	-1.52E-05	-2.38E-05				
104	635.50	-3.78E+00	-2.55E+00	-1.46E+00	-7.14E-02	2.28E+00	-1.33E-01	-2.55E+00	-3.78E+00	-66.68	-2.55E+00	7.14E-02	
	290.67	-5.97E-05	-1.26E-05	2.96E-05	-5.49E-06	1.75E-04	-1.02E-05	-1.25E-05	-5.99E-05				
105	569.00	9.84E-01	-1.64E-01	-7.28E-02	7.05E+00	2.19E+00	-6.54E+00	7.48E+00	-6.66E+00	42.67	9.84E-01	7.05E+00	
	16.50	2.96E-05	-1.45E-05	-1.10E-05	5.42E-04	1.69E-04	-5.03E-04	2.80E-04	-2.65E-04				
106	509.50	1.40E+01	9.25E+00	8.65E+00	5.03E+00	5.15E+00	-1.98E+00	1.72E+01	6.05E+00	32.49	9.25E+00	-5.03E+00	
	19.00	1.86E-04	5.85E-06	-1.73E-05	3.87E-04	3.96E-04	-1.52E-04	3.10E-04	-1.17E-04				
107	521.00	3.77E+00	1.79E+00	1.18E+00	6.88E+00	1.84E+00	-3.66E+00	9.73E+00	-4.17E+00	40.89	3.77E+00	6.88E+00	
	15.75	7.11E-05	-5.29E-06	-2.88E-05	5.29E-04	1.41E-04	-2.81E-04	3.00E-04	-2.34E-04				
108	526.25	3.23E+00	1.47E+00	1.00E+00	7.60E+00	1.55E+00	-3.79E+00	1.00E+01	-5.30E+00	41.71	3.23E+00	7.60E+00	
	21.00	6.15E-05	-6.07E-06	-2.41E-05	5.84E-04	1.19E-04	-2.91E-04	3.22E-04	-2.66E-04				
109	515.50	8.67E+00	5.75E+00	5.47E+00	9.34E+00	3.54E+00	-2.01E+00	1.67E+01	-2.24E+00	40.57	5.75E+00	-9.34E+00	
	26.00	1.15E-04	2.68E-06	-8.13E-06	7.18E-04	2.72E-04	-1.54E-04	4.22E-04	-3.05E-04				
110	531.50	1.18E+00	7.43E-01	2.50E-01	6.19E+00	1.07E+00	-3.23E+00	7.15E+00	-5.23E+00	44.00	1.18E+00	6.19E+00	
	34.50	2.14E-05	4.74E-06	-1.42E-05	4.76E-04	8.27E-05	-2.48E-04	2.51E-04	-2.25E-04				
111	515.50	-4.54E+00	-7.07E+00	-5.40E+00	1.81E+01	8.27E-01	-3.30E-01	1.24E+01	-2.40E+01	43.00	-4.54E+00	1.81E+01	
	44.00	1.24E-05	-8.52E-05	-2.07E-05	1.40E-03	6.36E-05	-2.54E-05	6.63E-04	-7.36E-04				
112	515.50	-1.83E+00	-1.06E+00	-1.27E+00	4.19E+00	1.96E+00	-1.62E+00	2.77E+00	-5.66E+00	47.60	-1.06E+00	-4.19E+00	
	53.33	-2.46E-05	4.73E-06	-2.98E-06	3.23E-04	1.50E-04	-1.24E-04	1.52E-04	-1.72E-04				
113	547.50	-2.73E+00	7.99E-01	-8.75E-01	6.61E+00	1.24E+00	-6.26E+00	5.88E+00	-7.81E+00	52.47	2.85E+00	-5.68E+00	
	64.00	-7.42E-05	6.16E-05	-2.80E-06	5.09E-04	9.53E-05	-4.82E-04	2.57E-04	-2.70E-04				
114	515.50	-5.58E+00	-6.42E+00	-4.99E+00	7.58E+00	4.87E-01	-1.93E+00	1.59E+00	-1.36E+01	43.41	-5.58E+00	7.58E+00	
	74.67	-2.79E-05	-6.03E-05	-5.24E-06	5.83E-04	3.75E-05	-1.49E-04	2.48E-04	-3.36E-04				
115	515.50	-1.11E+01	-6.96E+00	-7.23E+00	2.72E+00	1.59E+00	-1.52E+00	-5.62E+00	-1.25E+01	63.69	-6.96E+00	-2.72E+00	
	88.00	-1.49E-04	1.03E-05	1.30E-07	2.09E-04	1.23E-04	-1.17E-04	6.20E-05	-2.01E-04				
116	547.50	-6.53E+00	-6.51E-01	-2.87E+00	8.29E+00	1.14E+00	-5.02E+00	5.21E+00	-1.24E+01	54.76	2.90E+00	-5.93E+00	
	104.00	-1.41E-04	8.54E-05	1.22E-07	6.38E-04	8.73E-05	-3.96E-04	3.11E-04	-3.66E-04				
117	515.50	-2.24E+00	-2.24E+00	-1.55E+00	6.01E+00	1.24E-01	-2.86E+00	3.77E+00	-8.25E+00	44.98	-2.24E+00	6.01E+00	
	120.00	-1.98E-05	-2.01E-05	6.74E-06	4.63E-04	9.56E-06	-2.20E-04	2.11E-04	-2.51E-04				
118	515.50	-7.85E+00	-4.76E+00	-4.66E+00	2.32E+00	7.72E-01	-1.28E+00	-3.52E+00	-9.09E+00	61.83	-4.76E+00	-2.32E+00	
	136.00	-1.12E-04	6.77E-06	1.05E-05	1.79E-04	5.94E-05	-9.86E-05	5.46E-05	-1.60E-04				
119	547.50	-5.60E+00	-1.57E+00	-2.51E+00	5.61E+00	5.59E-01	-2.95E+00	2.37E+00	-9.54E+00	54.87	8.30E-01	-4.00E+00	
	152.00	-1.09E-04	4.59E-05	9.87E-06	4.31E-04	4.61E-05	-2.27E-04	1.98E-04	-2.61E-04				
120	515.50	-2.64E+00	-2.15E+00	-1.30E+00	4.05E+00	3.37E-02	-1.84E+00	1.66E+00	-6.45E+00	46.75	-2.64E+00	4.05E+00	
	168.00	-3.48E-05	-1.57E-05	1.71E-05	3.12E-04	2.59E-06	-1.42E-04	1.31E-04	-1.81E-04				
121	515.50	[illegible]01E+01	-4.17E+00	-5.95E+00	1.82E+00	7.19E-01	-9[illegible]E-01	-5.46E+00	-1.08E+01	68.59	-6.17E+00	-1.82E+00	
	184.00	[illegible]6E-04	5.81E-06	1.82E-05	1.40E-04	5.53E-05	-[illegible]05	3.33E-05	-1.73E-04				
122	547	[illegible]51E+00	1.71E+00	-9.32E-02	6.15E+00	4.45E-01	[illegible]00	5.78E+00	-7.57E+00	56.50	4.30E+00	-4.2[illegible]	

	200.00	[illegible]14E-04	8.76E-05	1.71E-05	4.73E-04	3.42E-05	[illegible]-04	2.43E-04	-2.71E-04					
123	515.50	[illegible].39E+00	2.41E+00	2.47E+00	2.90E+00	-4.51E-01	-[illegible]+00	4.85E+00	-1.05E+00	50.01	1.39E+00	2.90E+[illegible]		
	216.00	-1.55E-05	2.40E-05	2.60E-05	2.23E-04	-3.75E-05	-1.83E-04	1.18E-04	-1.09E-04					
124	515.50	-2.00E+00	-1.17E+00	-9.78E-01	7.39E-01	-6.66E-01	-6.34E-01	-1.26E+00	-3.31E+00	66.98	-1.57E+00	-7.39E-01		
	232.00	-5.44E-05	4.87E-07	2.34E-05	5.69E-05	-5.12E-05	-4.87E-05	1.26E-05	-6.64E-05					
125	547.50	-1.64E+00	-7.63E-01	-1.61E-01	1.44E+00	-3.70E-01	-1.85E+00	3.07E-01	-2.71E+00	53.46	-1.35E-01	-1.07E+00		
	248.00	-3.50E-05	-1.15E-06	2.20E-05	1.11E-04	-2.84E-05	-1.42E-04	4.00E-05	-7.61E-05					
126	515.50	2.43E+00	3.65E+00	3.47E+00	-2.53E-01	-8.29E-01	-2.41E+00	3.70E+00	2.38E+00	-78.66	2.43E+00	-2.53E-01		
	264.00	-1.13E-05	3.53E-05	2.85E-05	-1.95E-05	-6.37E-05	-1.85E-04	3.73E-05	-1.33E-05					
127	515.50	-1.54E+00	-7.95E-01	-2.22E-01	2.72E-01	-1.62E+00	-3.57E-01	-7.07E-01	-1.63E+00	71.98	-7.95E-01	-2.72E-01		
	276.00	-3.12E-05	-2.44E-06	1.96E-05	2.09E-05	-1.24E-04	-2.74E-05	9.64E-07	-3.46E-05					
128	531.50	1.11E+00	7.43E-01	1.55E+00	1.63E-01	-7.38E-01	-2.13E-01	1.17E+00	6.81E-01	20.69	1.11E+00	1.63E-01		
	297.00	4.95E-06	-9.28E-06	2.33E-05	1.25E-05	-5.68E-05	-1.64E-05	7.32E-06	-1.17E-05					
129	515.50	5.03E+00	4.40E+00	4.71E+00	-9.45E-01	-7.97E-01	-1.62E+00	5.71E+00	3.72E+00	-35.72	5.03E+00	-9.45E-01		
	320.00	3.82E-05	1.38E-05	2.57E-05	-7.27E-05	-6.13E-05	-1.25E-04	6.43E-05	-1.24E-05					
130	565.50	2.43E-01	-2.38E-01	-7.17E-01	1.06E+01	2.87E+00	-8.37E+00	1.06E+01	-1.06E+01	44.35	2.43E-01	1.06E+01		
	-8.00	1.72E-05	-1.33E-06	-1.98E-05	8.13E-04	2.21E-04	-6.44E-04	4.15E-04	-3.95E-04					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC @ .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .5900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1173E+03	-.7335E+03	.8283E+02	.1142E+03	.2665E+03	-.1805E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1518E+02	.6658E+01	.3046E+01	.1021E+03	-.7147E+02	-.9238E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1300E+02	-.2114E+01	.1334E+01	.1648E+03	-.1593E+03	-.1685E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1826E+02	.4178E+01	.2744E+00	.2306E+03	-.2496E+03	-.2463E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1984E+02	-.2865E+01	.2909E+00	.2969E+03	-.3388E+03	-.3312E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2238E+01	-.2042E+01	.1222E+01	.3961E+03	-.4300E+03	-.4326E+03
25	.4718E+02	.7645E+01	.2605E+00	.4932E+03	-.4740E+03	-.5311E+03
26	-.1817E+02	-.1591E+01	-.5305E-01	.5347E+03	-.5011E+03	-.6032E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2437E+03	-.4697E+02	.8141E+01	.5483E+03	-.6915E+03	-.6615E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.4157E+04	.7209E+03	-.2820E+02	.7695E+03	-.1849E+04	-.1043E+04
40	.2904E+04	.4558E+03	.6831E+01	.7238E+03	-.1825E+04	-.9572E+03

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3704

41	.1912E+04	.2562E+03	.3702E+02	.5271E+03	-.1555E+04	-.8317E+03
42	.4561E+03	.3293E+02	.3530E+02	.5451E+03	-.1176E+04	-.7254E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.4613E+04	-.6047E+03	-.2566E+02	.1207E+03	-.1944E+04	.5263E+03
48	-.4003E+04	-.5233E+03	-.2047E+02	.2544E+03	-.1759E+04	.3780E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.6827E+04	-.1041E+04	-.3200E+02	-.1160E+03	-.1333E+04	.1613E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1074E+02	.3327E+02	-.2013E+01	.4953E+02	-.1915E+04	.4939E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.4675E+04	-.7103E+03	-.3173E+02	-.2273E+02	-.1078E+04	.1520E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.3275E+04	-.4999E+03	-.4263E+02	-.2601E+02	-.1015E+04	.1477E+04
66	-.1102E+04	-.1724E+03	-.5364E+02	-.4120E+02	-.8507E+03	.1539E+04
67	.2254E+04	.3321E+03	-.5370E+02	-.3634E+02	-.6824E+03	.1537E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.4013E+04	.5966E+03	-.4518E+02	.1456E+03	-.5413E+03	.1520E+04
76	-.4328E+03	-.6862E+02	-.3100E+02	.2030E+03	-.3506E+03	.1535E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1693E+04	.2510E+03	-.2268E+02	.2430E+03	-.1139E+03	.1484E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.7095E+03	-.1066E+03	-.1627E+02	.3396E+03	.3130E+02	.1443E+04
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
1[illegible]	.0837E+03	.1494E+03	-.1447E+02	.2684[illegible]	.2335E+03	.1336E+04
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

[illegible]	-.6505E+03	-.9452E+02	-.1213E+02	.23[illegible]	.3552E+03	.1221E+04
106	.0000E+00	.0000E+00	.0000E+00	.0000E[illegible]	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.7440E+03	.1165E+03	-.1238E+02	.2397E+03	.5252E+03	.1098E+04
109	-.4396E+03	-.6010E+02	-.1064E+02	.2435E+03	.6393E+03	.9503E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.6212E+03	.1004E+03	-.1039E+02	.1463E+03	.7675E+03	.7873E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.3168E+03	.5544E+02	-.2128E+01	.8385E+02	.8287E+03	.6198E+03
115	.9499E+02	.2258E+02	.4093E+00	.3104E+02	.8359E+03	.4483E+03
116	.2614E+03	.4865E+02	.2752E+01	-.6353E+01	.8800E+03	.3362E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.2769E+03	.5146E+02	.5485E+01	.3986E+02	.9072E+03	.3001E+03
119	.1784E+03	.3603E+02	.7944E+01	-.7399E+02	.8294E+03	.1687E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5177E+03	.6836E+02	.3114E+02	-.7173E+02	.7275E+03	.8650E+02
122	.4363E+03	.3423E+02	.5365E+02	.2346E+02	.7040E+03	.9094E+02
123	.3324E+03	.2288E+02	.4759E+02	.1617E+02	.6161E+03	.8222E+02
124	.2438E+03	.1626E+02	.3284E+02	.1113E+02	.5083E+03	.7517E+02
125	.1618E+03	.8438E+01	.2411E+02	.6947E+01	.4212E+03	.6844E+02
126	.5358E+02	-.8669E+01	.2248E+02	.1633E+01	.3558E+03	.6123E+02
127	-.2636E+02	-.2210E+02	.2300E+02	-.1982E+01	.3055E+03	.5201E+02
128	-.1089E+03	-.3336E+02	.2219E+02	-.1058E+02	.2018E+03	.4156E+02
129	-.1115E+03	-.2912E+02	.1890E+02	-.1448E+02	.1177E+03	.3227E+02
130	-.7813E+02	-.1797E+02	.1413E+02	-.1516E+02	.5541E+02	.2565E+02
131	-.2091E+02	-.3288E+01	.9813E+01	-.1319E+02	.2092E+02	.2140E+02
132	.2233E+01	.1486E+01	.7285E+01	-.8733E+01	.2134E+02	.1835E+02
133	.4041E+01	.1259E+01	.6637E+01	-.6026E+01	.2981E+02	.1538E+02
134	.1121E+01	.3743E+00	.6595E+01	-.4610E+01	.2005E+02	.1209E+02
135	.2663E-01	.3277E-01	.7408E+01	-.3520E+01	.1418E+02	.8914E+01
136	-.1272E-01	.4587E-01	.9843E+01	-.2470E+01	.9201E+01	.5953E+01
137	-.1730E+00	-.5694E-01	.1541E+02	-.1739E+01	.4163E+01	.3258E+01
138	.7075E-01	.3260E+00	.2509E+03	-.1186E+01	-.1110E+01	.1640E+01
139	.2395E+00	.3882E+00	-.6695E+02	-.1861E+00	.5987E+00	-.6092E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.23708E-01	-.13446E-03	.23769E-01	.00000E+00
3	-.43400E-01	-.45918E-03	.43412E-01	.00000E+00
4	-.47139E-01	-.45377E-03	.47046E-01	.00000E+00
5	-.50981E-01	-.16920E-04	.51002E-01	.00000E+00
6	-.57857E-01	.76699E-05	.57849E-01	-.10419E-04
7	-.52966E-01	-.89389E-03	.53686E-01	.00000E+00
8	-.58027E-01	-.69315E-03	.58226E-01	-.21333E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.23567E-01	-.25422E-03	.23816E-01	.00000E+00
11	-.43728E-01	-.55392E-03	.44399E-01	.00000E+00
12	-.48831E-01	-.63359E-03	.49625E-01	.00000E+00
13	-.52965E-01	-.50430E-03	.53377E-01	.00000E+00
14	-.58303E-01	-.69358E-03	.59225E-01	-.53140E-05
15	-.53712E-01	-.12309E-02	.56158E-01	.00000E+00
16	-.58312E-01	-.11089E-02	.60865E-01	.23485E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.23827E-01	-.35405E-03	.24828E-01	.00000E+00
19	-.44616E-01	-.69191E-03	.46747E-01	.00000E+00
20	-.49973E-01	-.87364E-03	.52488E-01	.00000E+00
21	-.54291E-01	-.50184E-03	.56598E-01	.00000E+00
22	-.59641E-01	-.70792E-03	.63154E-01	-.16215E-05
23	-.55409E-01	-.18767E-02	.61355E-01	.00000E+00
24	-.60544E-01	-.16257E-02	.66155E-01	-.19284E-04

25	-.51172E-01	-.20280E-02	.68096E-01	.85333E-07
26	-.61549E-01	-.19161E-02	.69228E-01	.70751E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.23930E-01	-.67752E-03	.25802E-01	.00000E+00
29	-.45733E-01	-.13199E-02	.49186E-01	.00000E+00
30	-.51177E-01	-.15157E-02	.55903E-01	.00000E+00
31	-.56263E-01	-.18786E-02	.62330E-01	.00000E+00
32	-.61927E-01	-.22334E-02	.70492E-01	-.52646E-04
33	-.56136E-01	-.28054E-02	.62399E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.23791E-01	-.10138E-02	.25889E-01	.00000E+00
36	-.46137E-01	-.16210E-02	.49815E-01	.00000E+00
37	-.51786E-01	-.18152E-02	.55770E-01	.00000E+00
38	-.57850E-01	-.22725E-02	.64732E-01	.00000E+00
39	-.62636E-01	-.31581E-02	.72662E-01	.35929E-04
40	-.62514E-01	-.33500E-02	.72158E-01	.23382E-05
41	-.62398E-01	-.32479E-02	.71688E-01	-.20828E-04
42	-.62209E-01	-.28580E-02	.71157E-01	-.43023E-04
43	-.51391E-01	-.23511E-02	.54919E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.22357E-01	.22219E-03	.23860E-01	.00000E+00
46	-.46168E-01	-.13775E-02	.48127E-01	.00000E+00
47	-.62694E-01	-.28678E-02	.72854E-01	.32430E-04
48	-.62676E-01	-.30095E-02	.72828E-01	.49260E-04
49	-.57789E-01	-.23826E-02	.64197E-01	.00000E+00
50	-.63274E-01	-.30105E-02	.73103E-01	.14299E-02
51	-.58415E-01	-.26311E-02	.62960E-01	.00000E+00
52	-.65507E-01	-.26349E-02	.69027E-01	.00000E+00
53	-.62740E-01	-.26783E-02	.72952E-01	.75184E-05
54	-.51246E-01	-.14012E-02	.51394E-01	.00000E+00
55	-.57541E-01	-.21932E-02	.56860E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.19267E-01	-.20531E-02	.17857E-01	.00000E+00
58	-.41443E-01	-.12150E-02	.34422E-01	.00000E+00
59	-.66830E-01	-.19613E-02	.65757E-01	.00000E+00
60	-.65678E-01	-.25069E-02	.67189E-01	.00000E+00
61	-.63824E-01	-.30171E-02	.73284E-01	.21993E-03
62	-.48687E-01	-.72585E-03	.41592E-01	.00000E+00
63	-.56056E-01	-.60255E-03	.49827E-01	.00000E+00
64	-.66859E-01	-.25340E-02	.69977E-01	.00000E+00
65	-.64570E-01	-.30242E-02	.73453E-01	.27309E-03
66	-.66413E-01	-.30348E-02	.73793E-01	.33151E-03
67	-.68400E-01	-.30398E-02	.74163E-01	.31596E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.15212E-01	.28734E-03	.11043E-01	.00000E+00
70	-.43930E-01	-.15366E-03	.35568E-01	.00000E+00
71	-.65228E-01	-.50163E-03	.57500E-01	.00000E+00
72	-.68691E-01	-.24156E-02	.70207E-01	.00000E+00
73	-.54127E-01	-.27895E-03	.41435E-01	.00000E+00
74	-.72895E-01	-.24582E-02	.73272E-01	.00000E+00
75	-.70090E-01	-.30456E-02	.74488E-01	.24038E-03
76	-.72361E-01	-.31164E-02	.75104E-01	.16807E-03
77	-.62255E-01	.13564E-03	.49671E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.18220E-01	-.56505E-03	.14855E-01	.00000E+00
80	-.42074E-01	.47229E-03	.32136E-01	.00000E+00
81	-.46596E-01	.53343E-03	.35225E-01	.00000E+00
82	-.52109E-01	.79459E-03	.41437E-01	.00000E+00
83	-.72790E-01	-.35738E-03	.63870E-01	.00000E+00
84	-.68694E-01	.38257E-03	.55561E-01	.00000E+00
85	-.74932E-01	-.31447E-02	.75884E-01	.13432E-03
86	-.75563E-01	-.25260E-02	.75269E-01	.00000E+00
87	-.62822E-01	.40285E-03	.47903E-01	.00000E+00
88	-.75715E-01	-.19156E-02	.70400E-01	.00000E+00

	-.76701E-01	-.32416E-02	.76643E-01	.10509E-03
	-.48777E-01	.30391E-03	.28930E-01	.00000E+00
	-.52249E-01	.57185E-03	.31448E-01	.00000E+00
92	-.55071E-01	-.23563E-03	.33342E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.21239E-01	.00000E+00	.12655E-01	.00000E+00
95	-.35918E-01	.00000E+00	.22501E-01	.00000E+00
96	-.44476E-01	.00000E+00	.25579E-01	.00000E+00
97	-.44408E-01	.00000E+00	.25634E-01	.00000E+00
98	-.45769E-01	.00000E+00	.25090E-01	.00000E+00
99	-.49827E-01	-.21041E-03	.27246E-01	.00000E+00
100	-.61133E-01	-.29783E-03	.38337E-01	.00000E+00
101	-.73183E-01	-.10239E-02	.56142E-01	.00000E+00
102	-.79439E-01	-.33419E-02	.77732E-01	.97111E-04
103	-.76347E-01	-.95554E-03	.66024E-01	.00000E+00
104	-.80545E-01	-.29936E-02	.77948E-01	.00000E+00
105	-.81347E-01	-.34094E-02	.78670E-01	.83831E-04
106	-.79773E-01	-.11202E-02	.71640E-01	.00000E+00
107	-.83705E-01	-.31954E-02	.79374E-01	.00000E+00
108	-.83542E-01	-.34735E-02	.79549E-01	.80102E-04
109	-.85128E-01	-.35227E-02	.80263E-01	.67870E-04
110	-.84289E-01	-.36161E-02	.75437E-01	.00000E+00
111	-.87168E-01	-.38834E-02	.81681E-01	.00000E+00
112	-.86844E-01	-.35775E-02	.80877E-01	.60747E-04
113	-.86503E-01	-.30769E-02	.77939E-01	.00000E+00
114	-.87802E-01	-.35383E-02	.81299E-01	.23184E-04
115	-.88127E-01	-.35393E-02	.81621E-01	.67446E-05
116	-.88164E-01	-.34625E-02	.81732E-01	-.52806E-05
117	-.87703E-01	-.40439E-02	.83100E-01	.00000E+00
118	-.88046E-01	-.34687E-02	.81781E-01	-.14419E-04
119	-.87635E-01	-.34137E-02	.81803E-01	-.26120E-04
120	-.88434E-01	-.37202E-02	.83086E-01	.00000E+00
121	-.86801E-01	-.33196E-02	.81702E-01	-.46589E-04
122	-.86706E-01	-.29282E-02	.81791E-01	-.56743E-04
123	-.86561E-01	-.25595E-02	.81857E-01	-.64751E-04
124	-.86394E-01	-.21389E-02	.81924E-01	-.73963E-04
125	-.86170E-01	-.16564E-02	.81991E-01	-.84935E-04
126	-.85729E-01	-.72608E-03	.82101E-01	-.97821E-04
127	-.85253E-01	.27545E-03	.82207E-01	-.99849E-04
128	-.84340E-01	.23232E-02	.82424E-01	-.81907E-04
129	-.83712E-01	.38299E-02	.82623E-01	-.54113E-04
130	-.83346E-01	.47047E-02	.82838E-01	-.21505E-04
131	-.83358E-01	.48283E-02	.83166E-01	.13831E-04
132	-.83652E-01	.39216E-02	.83457E-01	.23038E-04
133	-.83914E-01	.29949E-02	.83711E-01	.18525E-04
134	-.84072E-01	.22884E-02	.83919E-01	.13934E-04
135	-.84177E-01	.17270E-02	.84087E-01	.12213E-04
136	-.84251E-01	.11835E-02	.84209E-01	.12382E-04
137	-.84294E-01	.66392E-03	.84283E-01	.12158E-04
138	-.84324E-01	.10179E-03	.84325E-01	.13028E-04
139	-.84324E-01	.12516E-04	.84324E-01	.12569E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ=PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.51E-02	-7.35E-02	-2.36E-03	-2.89E+00	-1.00E-02	2.92E+00	2.85E+00	-2.94E+00	-44.71	-1.51E-02	-2.89E+00
	-303.00	4.95E-07	-2.16E-06	1.07E-06	-2.63E-04	-9.11E-07	2.66E-04	1.31E-04	-1.32E-04			
2	72.00	-4.32E-02	-1.05E-01	4.67E-02	-2.44E+00	1.59E-03	2.51E+00	2.37E+00	-2.52E+00	-44.64	-4.32E-02	-2.44E+00
	-213.00	-6.42E-07	-3.46E-06	3.44E-06	-2.22E-04	1.45E-07	2.28E-04	1.09E-04	-1.13E-04			
3	72.00	-4.04E-01	-1.29E-01	1.16E-01	-1.64E+00	1.67E-01	1.79E+00	1.38E+00	-1.91E+00	-47.42	-4.04E-01	-1.64E+00

	-138.00	-7.01E-06	-6.77E-07	4.80E-06	-7.47E-05	7.57E-06	8.11E-05	3.26E-05	-4.13E-05				
4	24.00	-1.96E+00	-1.08E+00	-1.36E+00	-3.09E+00	5.35E-01	3.40E+00	1.55E+00	-4.65E+00	-49.16	-1.98E+00	-3.09E+00	
	-68.00	-2.76E-05	7.13E-06	-3.37E-06	-2.37E-04	4.12E-05	2.61E-04	1.10E-04	-1.30E-04				
5	72.00	6.42E-01	3.37E-01	7.32E-01	-1.35E+00	-4.45E-02	1.44E+00	1.85E+00	-8.73E-01	-41.79	3.37E-01	1.35E+00	
	-88.00	5.22E-06	-6.51E-06	1.10E-05	-1.04E-04	-3.42E-06	1.10E-04	5.18E-05	-5.30E-05				
6	120.00	3.46E-01	3.47E-01	5.18E-01	-2.62E+00	-1.42E-01	2.58E+00	2.96E+00	-2.27E+00	-45.00	-2.23E+00	4.72E-01	
	-68.00	9.66E-09	3.82E-08	6.61E-06	-2.01E-04	-1.09E-05	1.98E-04	1.01E-04	-1.01E-04				
7	36.25	-7.29E-01	-2.64E-01	-1.71E-01	-1.48E+00	1.94E-01	1.42E+00	9.90E-01	-2.00E+00	-49.28	-6.78E-01	-1.49E+00	
	-19.00	-1.50E-05	2.09E-06	6.43E-06	-1.14E-04	1.49E-05	1.09E-04	5.11E-05	-6.40E-05				
8	108.00	7.91E-02	1.49E-01	2.74E-01	-1.14E+00	-3.14E-03	1.25E+00	1.25E+00	-1.03E+00	-45.87	7.91E-02	-1.14E+00	
	-19.00	-2.46E-06	1.85E-07	5.03E-06	-8.76E-05	-2.41E-07	9.60E-05	4.27E-05	-4.50E-05				
9	216.00	-1.43E-01	-1.98E-01	-9.07E-02	-2.90E+00	2.35E-02	2.98E+00	2.73E+00	-3.07E+00	-44.73	-1.43E-01	-2.90E+00	
	-303.00	-9.04E-07	-3.38E-06	1.48E-06	-2.64E-04	2.14E-06	2.71E-04	1.30E-04	-1.34E-04				
10	216.00	-2.13E-01	-2.04E-01	-2.13E-02	-2.51E+00	7.75E-02	2.62E+00	2.30E+00	-2.72E+00	-45.05	-2.13E-01	-2.51E+00	
	-213.00	-3.99E-06	-3.58E-06	4.72E-06	-2.28E-04	7.05E-06	2.38E-04	1.10E-04	-1.18E-04				
11	216.00	-3.83E-01	-1.70E-01	2.39E-01	-1.95E+00	2.43E-01	2.09E+00	1.67E+00	-2.23E+00	-46.57	-3.83E-01	-1.95E+00	
	-138.00	-7.05E-06	-2.21E-06	7.07E-06	-8.85E-05	1.10E-05	9.46E-05	3.97E-05	-4.89E-05				
12	168.00	-9.01E-01	-8.00E-01	-5.08E-01	-2.99E+00	4.41E-01	3.09E+00	2.14E+00	-3.84E+00	-45.49	-9.01E-01	-2.99E+00	
	-48.00	-1.04E-05	-6.48E-06	4.72E-06	-2.30E-04	3.39E-05	2.38E-04	1.07E-04	-1.23E-04				
13	216.00	8.57E-01	3.26E-01	8.97E-01	-1.22E+00	3.44E-02	1.25E+00	1.84E+00	-6.58E-01	-38.87	3.26E-01	1.22E+00	
	-88.00	1.01E-05	-1.03E-05	1.16E-05	-9.39E-05	2.65E-06	9.58E-05	4.80E-05	-4.82E-05				
14	264.00	2.54E-02	3.13E-01	4.82E-01	-2.55E+00	-4.43E-02	2.62E+00	2.73E+00	-2.39E+00	-46.61	-2.32E+00	6.02E-01	
	-68.00	-8.04E-06	3.02E-06	9.52E-06	-1.96E-04	-3.41E-06	2.01E-04	9.58E-05	-1.01E-04				
15	180.00	-2.85E-01	-5.51E-02	1.50E-01	-1.30E+00	2.97E-01	1.25E+00	1.13E+00	-1.47E+00	-47.53	-2.85E-01	-1.30E+00	
	-19.00	-8.87E-06	-2.80E-08	7.85E-06	-9.99E-05	2.28E-05	9.60E-05	4.57E-05	-5.46E-05				
16	282.00	-1.56E-01	9.27E-02	3.44E-01	-1.08E+00	1.15E-01	1.31E+00	1.06E+00	-1.12E+00	-48.28	-1.56E-01	-1.08E+00	
	-19.00	-9.08E-06	4.82E-07	1.01E-05	-8.32E-05	8.81E-06	1.01E-04	3.76E-05	-4.62E-05				
17	361.00	-1.87E-01	-3.05E-01	-1.35E-01	-2.93E+00	1.35E-02	3.10E+00	2.69E+00	-3.18E+00	-44.42	-1.87E-01	-2.93E+00	
	-303.00	-3.54E-07	-5.73E-06	2.01E-06	-2.66E-04	1.22E-06	2.82E-04	1.30E-04	-1.36E-04				
18	361.00	-2.56E-01	-2.84E-01	-3.48E-02	-2.64E+00	6.28E-02	2.79E+00	2.37E+00	-2.91E+00	-44.85	-2.56E-01	-2.64E+00	
	-213.00	-4.18E-06	-5.43E-06	5.88E-06	-2.40E-04	5.71E-06	2.54E-04	1.15E-04	-1.25E-04				
19	361.00	-4.25E-01	-2.17E-01	3.16E-01	-2.07E+00	2.46E-01	2.35E+00	1.76E+00	-2.40E+00	-46.44	-4.25E-01	-2.07E+00	
	-138.00	-7.95E-06	-3.21E-06	8.89E-06	-9.43E-05	1.12E-05	1.07E-04	4.16E-05	-5.26E-05				
20	312.00	-1.58E+00	-1.20E+00	-8.18E-01	-3.37E+00	7.54E-01	3.74E+00	1.99E+00	-4.76E+00	-46.58	-1.58E+00	-3.37E+00	
	-68.00	-2.11E-05	-6.74E-06	8.06E-06	-2.59E-04	5.80E-05	2.88E-04	1.16E-04	-1.44E-04				
21	360.67	1.39E+00	7.61E-01	1.34E+00	-1.58E+00	-4.76E-02	1.83E+00	2.69E+00	-5.37E-01	-39.34	7.61E-01	1.58E+00	
	-88.00	1.52E-05	-9.13E-06	1.31E-05	-1.22E-04	-3.66E-06	1.41E-04	6.52E-05	-5.90E-05				
22	409.33	-8.20E-01	-1.13E+00	-3.61E-01	-3.21E+00	2.12E-02	4.01E+00	2.24E+00	-4.19E+00	-43.61	-4.15E+00	5.11E-01	
	-68.00	-6.14E-06	-1.81E-05	1.15E-05	-2.47E-04	1.63E-06	3.09E-04	1.11E-04	-1.36E-04				
23	324.00	-5.74E-01	-1.09E-01	2.04E-01	-1.33E+00	5.30E-01	1.32E+00	1.01E+00	-1.69E+00	-49.96	-5.74E-01	-1.33E+00	
	-19.00	-1.68E-05	1.09E-06	1.31E-05	-1.02E-04	4.08E-05	1.02E-04	4.41E-05	-5.98E-05				
24	372.00	-3.35E-01	2.45E-01	5.07E-01	-3.50E+00	5.04E-01	3.73E+00	3.46E+00	-3.55E+00	-47.37	-3.35E-01	-3.50E+00	
	-9.33	-1.75E-05	4.84E-06	1.40E-05	-2.69E-04	3.87E-05	2.87E-04	1.29E-04	-1.41E-04				
25	401.25	-1.53E-01	4.50E-02	5.51E-01	-1.15E+00	1.74E-01	1.53E+00	1.10E+00	-1.20E+00	-47.48	9.28E-01	-5.97E-01	
	-19.00	-1.03E-05	-3.14E-06	1.63E-05	-8.81E-05	1.34E-05	1.18E-04	3.73E-05	-5.12E-05				
26	427.67	-1.63E+00	-1.48E+00	-7.25E-01	-3.90E+00	6.80E-01	5.26E+00	2.35E+00	-5.46E+00	-45.54	-3.92E+00	-3.10E+00	
	-9.33	-2.04E-05	-1.48E-05	1.42E-05	-3.00E-04	5.23E-05	4.05E-04	1.33E-04	-1.68E-04				
27	457.00	-2.18E-01	-4.58E-01	-2.03E-01	-2.96E+00	-1.36E-02	3.17E+00	2.62E+00	-3.30E+00	-43.84	-2.18E-01	-2.96E+00	
	-303.00	1.52E-06	-9.40E-06	2.17E-06	-2.69E-04	-1.23E-06	2.88E-04	1.31E-04	-1.38E-04				
28	457.00	-2.26E-01	-3.14E-01	-2.88E-02	-2.78E+00	1.87E-02	2.92E+00	2.51E+00	-3.05E+00	-44.54	-2.26E-01	-2.78E+00	
	-213.00	-2.88E-06	-6.89E-06	6.07E-06	-2.52E-04	1.70E-06	2.65E-04	1.21E-04	-1.31E-04				
29	457.00	-6.72E-01	-3.34E-01	1.94E-01	-2.18E+00	-7.21E-02	2.40E+00	1.68E+00	-2.69E+00	-47.22	-6.72E-01	-2.18E+00	
	-138.00	-1.10E-05	-3.33E-06	8.67E-06	-9.91E-05	-3.28E-06	1.09E-04	4.25E-05	-5.69E-05				
30	442.00	-7.78E-01	-1.79E+00	-6.38E-01	-3.78E+00	-1.02E-01	4.24E+00	2.53E+00	-5.10E+00	-41.19	-7.78E-01	-3.78E+00	
	-68.00	5.29E-06	-3.36E-05	1.07E-05	-2.91E-04	-7.81E-06	3.26E-04	1.33E-04	-1.61E-04				
31	457.33	4.47E+00	2.05E+00	2.93E+00	-1.32E+00	-2.06E+00	2.24E+00	5.05E+00	1.47E+00	-23.74	2.05E+00	1.32E+00	
	-88.00	6.81E-05	-2.49E-05	8.71E-06	-1.01E-04	-1.59E-04	1.72E-04	9.04E-05	-4.72E-05				
32	472.67	-7.33E+00	-6.14E+00	-5.08E+00	-3.27E+00	1.27E+00	5.37E+00	-3.41E+00	-1.01E+01	-50.13	-9.30E+00	-2.11E+00	
	-68.00	-7.79E-05	-3.24E-05	8.43E-06	-2.51E-04	9.76E-05	4.13E-04	7.25E-05	-1.83E-04				
33	443.00	-6.39E-01	-5.12E-01	1.45E-01	-1.93E+00	2.43E-01	2.05E+00	1.35E+00	-2.52E+00	-46.09	-6.59E-01	-1.93E+00	
	-19.50	-1.41E-05	-8.42E-06	1.68E-05	-1.49E-04	1.87E-05	1.58E-04	6.31E-05	-8.56E-05				
34	454.00	[illegible]89E+00	-4.44E+00	-3.63E+00	-4.94E+00	1.49E+00	6.66E+00	-1.76E-01	-1.02E+01	-49.18	-7.85E+00	-4.21E+00	
	-11.33	[illegible]2E-05	-1.74E-05	1.38E-05	-3.80E-04	1.15E-04	5[illegible]04	1.47E-04	-2.37E-04				
35	461.[illegible]	[illegible]0E+00	-1.52E+00	-9.76E-01	-4.69E+00	3.79E-01	[illegible]00	2.97E+00	-6.40E+00	-43.72	-1.50E+00	-4.6[illegible]	

	-12.00	[illegible]E-05	-2.66E-05	1.36E-05	-3.60E-04	2.91E-05	[illegible]-04	1.62E-04	-1.99E-04				
36	465.00	[illegible]60E+00	1.37E+00	2.53E+00	-4.49E-01	-1.82E+00	2[illegible]+00	3.69E+00	1.29E+00	-10.96	1.37E+00	4.49E-[illegible]	
	-30.00	5.62E-05	-2.94E-05	1.47E-05	-3.45E-05	-1.40E-04	2.11E-04	5.95E-05	-3.29E-05				
37	476.33	-2.80E+00	-2.86E+00	-2.14E+00	-3.10E+00	4.06E-01	5.67E+00	-9.75E-02	-6.57E+00	-40.29	-4.09E+00	-3.14E+00	
	-12.00	-1.10E-05	-5.18E-05	1.44E-05	-2.45E-04	3.14E-05	4.36E-04	9.30E-05	-1.56E-04				
38	558.50	1.79E-01	-1.84E-02	1.14E-01	-2.78E+00	-8.88E-02	3.04E+00	2.86E+00	-2.70E+00	-43.98	1.79E-01	-2.78E+00	
	-303.00	4.57E-06	-4.40E-06	1.61E-06	-2.52E-04	-8.07E-06	2.77E-04	1.26E-04	-1.26E-04				
39	558.50	-6.26E-02	-4.31E-01	-6.99E-02	-2.77E+00	-1.76E-01	2.96E+00	2.53E+00	-3.02E+00	-43.10	-6.26E-02	-2.77E+00	
	-213.00	4.47E-06	-1.23E-05	4.13E-06	-2.52E-04	-1.60E-05	2.69E-04	1.22E-04	-1.30E-04				
40	506.17	1.21E-02	-1.03E+00	1.10E-01	-6.22E+00	-3.58E-01	6.31E+00	5.73E+00	-6.75E+00	-42.61	1.21E-02	-6.22E+00	
	-128.00	5.03E-06	-1.86E-05	7.27E-06	-2.83E-04	-1.81E-05	2.87E-04	1.35E-04	-1.49E-04				
41	558.50	1.94E+00	-6.74E-01	5.52E-01	-2.67E+00	-1.50E+00	3.79E+00	3.53E+00	-2.36E+00	-32.37	-6.74E-01	2.67E+00	
	-148.00	3.29E-05	-2.43E-05	3.51E-06	-1.21E-04	-6.83E-05	1.72E-04	7.13E-05	-6.28E-05				
42	610.83	-3.13E-01	-1.14E+00	-2.54E-01	-5.37E+00	-1.06E+00	4.94E+00	4.66E+00	-6.12E+00	-42.79	-6.02E+00	1.01E+00	
	-128.00	1.85E-06	-1.70E-05	3.21E-06	-2.44E-04	-4.81E-05	2.24E-04	1.15E-04	-1.30E-04				
43	501.38	5.29E-01	1.27E-01	6.40E-01	-1.41E+00	-5.24E-01	1.80E+00	1.76E+00	-1.10E+00	-40.96	5.29E-01	-1.41E+00	
	-78.00	6.10E-06	-9.35E-06	1.04E-05	-1.09E-04	-4.03E-05	1.39E-04	5.33E-05	-5.66E-05				
44	534.67	-8.52E-01	-8.81E-01	-4.53E-01	-4.45E+00	-3.11E-01	5.55E+00	3.61E+00	-5.34E+00	-44.91	-5.28E+00	7.63E-01	
	-68.00	-8.76E-06	-9.85E-06	6.60E-06	-3.44E-04	-2.39E-05	4.27E-04	1.63E-04	-1.81E-04				
45	564.67	8.34E-01	3.70E-01	7.01E-01	-4.30E+00	-1.09E+00	3.96E+00	4.91E+00	-3.71E+00	-43.46	8.34E-01	-4.30E+00	
	-68.00	1.11E-05	-6.70E-06	6.03E-06	-3.31E-04	-8.37E-05	3.04E-04	1.68E-04	-1.64E-04				
46	610.83	4.36E+00	1.08E+00	2.19E+00	-2.31E+00	-2.08E+00	3.16E+00	5.56E+00	-1.15E-01	-27.34	1.08E+00	2.31E+00	
	-88.00	8.39E-05	-4.22E-05	2.43E-07	-1.78E-04	-1.60E-04	2.43E-04	1.30E-04	-8.82E-05				
47	482.63	2.19E-01	-1.38E-01	6.63E-01	-1.03E+00	-5.46E-01	2.06E+00	1.09E+00	-1.01E+00	-40.09	2.19E-01	-1.03E+00	
	-21.00	2.39E-07	-1.35E-05	1.73E-05	-7.94E-05	-4.20E-05	1.58E-04	3.36E-05	-4.69E-05				
48	485.83	-1.25E+00	-1.88E+00	-7.73E-01	-3.01E+00	-7.59E-02	6.31E+00	1.46E+00	-4.59E+00	-41.98	-1.64E+00	-3.03E+00	
	-12.00	-5.06E-06	-2.96E-05	1.32E-05	-2.32E-04	-5.84E-06	4.85E-04	9.92E-05	-1.34E-04				
49	507.98	6.42E-02	1.62E-01	6.52E-01	-1.13E+00	-3.19E-01	2.25E+00	1.24E+00	-1.02E+00	-46.24	6.42E-02	-1.13E+00	
	-21.00	-7.17E-06	-3.43E-06	1.54E-05	-8.67E-05	-2.45E-05	1.73E-04	3.81E-05	-4.87E-05				
50	538.67	-8.10E-01	-4.33E-01	-1.90E-01	-4.00E+00	-1.45E+00	4.86E+00	3.38E+00	-4.63E+00	-46.35	-4.58E+00	5.74E-01	
	-10.00	-1.54E-05	-9.16E-07	8.44E-06	-3.08E-04	-1.12E-04	3.74E-04	1.46E-04	-1.62E-04				
51	484.67	1.32E+01	9.16E+00	9.71E+00	2.88E-01	-1.01E+00	6.73E-01	1.32E+01	9.14E+00	4.05	9.16E+00	-2.88E-01	
	8.00	1.56E-04	-1.62E-07	2.10E-05	2.21E-05	-7.75E-05	5.17E-05	1.56E-04	-9.45E-07				
52	507.00	-3.29E+00	-3.97E+00	-2.30E+00	-2.21E+00	-6.64E-01	-1.82E+00	-1.40E+00	-5.87E+00	-40.62	-5.39E+00	-1.38E+00	
	9.00	-2.15E-05	-4.77E-05	1.66E-05	-1.70E-04	-5.10E-05	-1.40E-04	5.15E-05	-1.21E-04				
53	603.00	-7.32E-02	5.47E-02	5.75E-02	-1.69E+00	-7.17E-01	1.59E+00	1.68E+00	-1.70E+00	-46.08	9.94E-01	-1.36E+00	
	-18.00	-3.24E-06	1.67E-06	1.78E-06	-1.30E-04	-5.51E-05	1.23E-04	6.42E-05	-6.58E-05				
54	712.00	2.34E-01	-7.17E-01	7.72E-03	-2.63E+00	-2.20E-01	2.56E+00	2.65E+00	-2.63E+00	-42.55	2.34E-01	-2.63E+00	
	-303.00	1.03E-05	-1.02E-05	3.26E-08	-2.39E-04	-2.00E-05	2.32E-04	1.20E-04	-1.20E-04				
55	712.00	1.45E+00	7.50E-01	8.45E-01	-2.89E+00	-7.03E-01	2.51E+00	4.03E+00	-1.76E+00	-41.71	1.46E+00	-2.89E+00	
	-213.00	2.60E-05	-4.23E-06	-1.74E-06	-2.63E-04	-6.39E-05	2.28E-04	1.43E-04	-1.21E-04				
56	712.00	1.86E+00	9.61E-01	6.05E-01	-2.20E+00	-1.63E+00	1.95E+00	3.65E+00	-8.33E-01	-39.23	1.86E+00	-2.20E+00	
	-138.00	2.43E-05	3.88E-06	-4.22E-06	-9.99E-05	-7.41E-05	8.86E-05	6.51E-05	-3.69E-05				
57	712.00	5.09E-01	1.34E-02	3.18E-02	-1.38E+00	-6.66E-01	1.51E+00	1.67E+00	-1.14E+00	-39.92	5.09E-01	-1.38E+00	
	-78.00	1.35E-05	-5.57E-06	-4.87E-06	-1.06E-04	-5.13E-05	1.16E-04	5.80E-05	-5.01E-05				
58	712.00	6.60E-01	4.65E-01	2.49E-01	-1.87E+00	-5.91E-01	1.82E+00	2.43E+00	-1.31E+00	-43.50	6.60E-01	-1.87E+00	
	-18.00	1.03E-05	2.77E-06	-5.52E-06	-1.44E-04	-4.55E-05	1.40E-04	7.85E-05	-6.54E-05				
59	837.00	7.47E+00	4.15E+00	4.65E+00	-2.20E+00	-1.31E+00	2.18E+00	8.57E+00	3.05E+00	-26.48	4.15E+00	2.20E+00	
	-318.00	1.28E-04	-2.28E-05	.00E+00	-2.00E-04	-1.19E-04	1.98E-04	1.78E-04	-7.27E-05				
60	887.00	1.06E+00	1.05E-01	4.67E-01	-5.90E+00	-5.00E-01	4.88E+00	6.50E+00	-5.34E+00	-42.68	-4.85E+00	2.36E+00	
	-288.00	2.70E-05	-1.64E-05	.00E+00	-5.37E-04	-4.54E-05	4.44E-04	2.74E-04	-2.64E-04				
61	987.00	-1.32E+00	-8.76E-01	-8.78E-01	-5.01E+00	2.80E-01	4.51E+00	4.91E+00	-7.11E+00	-46.06	-1.32E+00	-6.01E+00	
	-288.00	-2.00E-05	9.59E-08	.00E+00	-5.46E-04	2.54E-05	4.10E-04	2.63E-04	-2.83E-04				
62	1037.00	7.46E+00	4.51E+00	4.79E+00	-4.41E+00	-1.09E+00	3.63E+00	1.06E+01	1.34E+00	-35.76	4.51E+00	4.41E+00	
	-318.00	1.21E-04	-1.26E-05	.00E+00	-4.01E-04	-9.90E-05	3.30E-04	2.66E-04	-1.57E-04				
63	862.00	1.75E-01	1.08E-01	-7.42E-02	-2.99E+00	-1.41E-01	2.52E+00	3.13E+00	-2.84E+00	-44.68	1.75E-01	-2.99E+00	
	-213.00	5.23E-06	2.21E-06	-6.08E-06	-2.71E-04	-1.28E-05	2.29E-04	1.39E-04	-1.32E-04				
64	1012.00	-3.88E-01	-2.31E-01	-4.44E-01	-3.22E+00	3.41E-02	2.55E+00	2.91E+00	-3.53E+00	-45.70	-3.88E-01	-3.22E+00	
	-213.00	-3.94E-06	3.32E-06	-6.38E-06	-2.93E-04	7.65E-06	2.32E-04	1.46E-04	-1.47E-04				
65	837.00	-1.72E-01	2.50E-01	-5.48E-01	-2.26E+00	-3.28E-01	2.63E+00	2.31E+00	-2.23E+00	-47.67	2.50E-01	2.26E+00	
	-148.00	-1.45E-06	8.15E-06	-9.99E-06	-1.03E-04	-1.49E-05	1.20E-04	5.50E-05	-4.83E-05				
66	937.00	3.38E-01	1.60E-01	-3.61E-01	-3.99E+00	-2.71E-01	3.13E+00	4.24E+00	-3.74E+00	-44.36	-2.57E+00	2.83E+00	
	-128.00	6.97E-06	2.92E-06	-8.92E-06	-1.81E-04	-1.23E-05	1.42E-04	9.56E-05	-8.58E-05				
67	1037.00	3.64E+00	8.54E-01	7.99E-01	-3.82E+00	-1.25E+00	3.51E+00	6.31E+00	-1.82E+00	-35.00	8.54E-01	3.82E+00	

	-149.00	5.45E-05	-9.33E-06	-9.58E-04	-1.74E-04	-1.68E-05	1.60E-04	1.16E-04	-6.92E-05					
68	837.00	1.15E+00	1.13E+00	6.09E-01	-4.34E+00	-6.17E-01	3.55E+00	5.49E+00	-3.26E+00	-44.89	1.16E+00	-4.34E+00		
	-68.00	1.29E-05	1.16E-05	-9.46E-06	-3.34E-04	-4.75E-05	2.73E-04	1.79E-04	-1.55E-04					
69	937.00	1.36E+00	-1.55E-01	2.49E-02	-2.30E+00	-6.63E-01	2.01E+00	3.01E+00	-1.85E+00	-35.73	-1.89E-01	2.30E+00		
	-88.00	3.90E-05	-2.04E-05	-1.21E-05	-1.77E-04	-5.10E-05	1.55E-04	1.03E-04	-8.41E-05					
70	1037.00	2.23E-01	-2.55E-01	-4.12E-01	-3.93E+00	1.43E-01	4.03E+00	3.92E+00	-3.95E+00	-43.26	-2.90E+00	2.68E+00		
	-68.00	1.35E-05	-4.53E-06	-1.10E-05	-3.02E-04	1.10E-05	3.10E-04	1.56E-04	-1.47E-04					
71	862.00	9.07E-01	5.54E-01	1.86E-01	-1.33E+00	-5.55E-01	1.73E+00	2.59E+00	-1.09E+00	-42.56	9.07E-01	-1.83E+00		
	-18.00	1.63E-05	4.30E-06	-1.14E-05	-1.41E-04	-4.27E-05	1.33E-04	8.11E-05	-6.04E-05					
72	1012.00	-2.63E-01	-3.82E-01	-7.15E-01	-1.98E+00	8.69E-02	1.59E+00	1.66E+00	-2.31E+00	-44.14	-2.63E-01	-1.98E+00		
	-18.00	4.94E-06	2.57E-07	-1.26E-05	-1.53E-04	6.68E-06	1.22E-04	7.86E-05	-7.37E-05					
73	1387.00	-3.99E-01	-4.13E-01	-3.91E-01	-2.41E+00	3.53E-03	1.68E+00	2.00E+00	-2.81E+00	-44.92	-3.99E-01	-2.41E+00		
	-303.00	-2.52E-06	-3.14E-06	-2.15E-06	-2.19E-04	3.21E-07	1.53E-04	1.07E-04	-1.12E-04					
74	1387.00	-4.24E-02	8.20E-02	-1.97E-01	-2.54E+00	-3.25E-02	1.66E+00	2.56E+00	-2.52E+00	-45.70	-4.24E-02	-2.54E+00		
	-213.00	1.14E-07	5.77E-06	-6.50E-06	-2.31E-04	-2.96E-06	1.51E-04	1.18E-04	-1.12E-04					
75	1387.00	1.92E-02	-1.51E-01	-6.23E-01	-1.87E+00	-1.29E-01	1.13E+00	1.80E+00	-1.93E+00	-43.69	1.92E-02	-1.87E+00		
	-138.00	4.40E-06	5.26E-07	-1.02E-05	-8.48E-05	-5.86E-06	5.12E-05	4.49E-05	-4.00E-05					
76	1187.00	6.17E-01	4.52E-01	7.88E-02	-2.89E+00	-4.17E-01	1.32E+00	3.42E+00	-2.35E+00	-44.18	6.17E-01	-2.88E+00		
	-68.00	1.11E-05	4.78E-06	-9.58E-06	-2.22E-04	-3.21E-05	1.02E-04	1.19E-04	-1.03E-04					
77	1387.00	7.97E-01	6.24E-01	7.26E-02	-1.43E+00	-3.13E-01	1.09E+00	2.14E+00	-7.20E-01	-43.27	6.24E-01	1.43E+00		
	-88.00	1.42E-05	7.60E-06	-1.36E-05	-1.10E-04	-2.41E-05	8.38E-05	6.59E-05	-4.43E-05					
78	1587.00	2.39E-01	1.72E-01	-2.69E-01	-1.82E+00	1.20E-02	7.50E-01	2.02E+00	-1.61E+00	-44.47	-5.24E-01	1.66E+00		
	-68.00	7.63E-06	5.06E-06	-1.19E-05	-1.40E-04	9.21E-07	5.77E-05	7.63E-05	-6.36E-05					
79	1237.00	1.06E+00	4.33E-01	1.10E-01	-1.54E+00	-4.53E-01	9.68E-01	2.32E+00	-8.29E-01	-39.25	1.06E+00	-1.54E+00		
	-18.00	2.32E-05	-9.73E-07	-1.34E-05	-1.19E-04	-3.49E-05	7.44E-05	7.17E-05	-4.95E-05					
80	1433.80	6.45E-01	2.06E-01	-1.63E-01	-1.80E+00	-2.09E-01	7.23E-01	2.24E+00	-1.39E+00	-41.53	6.45E-01	-1.80E+00		
	-8.00	1.73E-05	3.64E-07	-1.38E-05	-1.39E-04	-1.61E-05	5.56E-05	7.87E-05	-6.11E-05					
81	1533.80	1.07E+00	2.38E-01	2.69E-02	-1.05E+00	-1.79E-01	4.67E-01	1.78E+00	-4.74E-01	-34.21	2.38E-01	1.05E+00		
	-28.00	2.64E-05	-5.47E-06	-1.36E-05	-8.06E-05	-1.37E-05	3.59E-05	5.38E-05	-3.29E-05					
82	1633.80	1.14E+00	3.85E-01	1.44E-01	-3.94E-01	-9.67E-03	1.13E-01	1.31E+00	2.16E-01	-23.17	2.18E-01	4.88E-02		
	-8.00	2.54E-05	-3.51E-06	-1.28E-05	-3.03E-05	-7.44E-07	8.72E-06	3.19E-05	-1.00E-05					
83	1433.80	4.39E+00	1.91E+00	1.94E+00	-1.18E+00	-1.14E+00	5.30E-01	4.86E+00	1.44E+00	-21.72	1.91E+00	1.18E+00		
	27.60	7.93E-05	-1.73E-05	-1.57E-05	-9.05E-05	-8.76E-05	4.08E-05	9.63E-05	-3.53E-05					
84	1296.10	1.56E+00	2.15E-01	1.40E-01	-1.25E+00	-5.34E-01	6.37E-01	2.31E+00	-5.35E-01	-30.91	9.84E-01	1.42E+00		
	40.70	3.89E-05	-1.28E-05	-1.57E-05	-9.64E-05	-4.11E-05	4.90E-05	6.78E-05	-4.16E-05					
85	1148.60	6.96E-01	-3.24E-01	-3.24E-01	-1.69E+00	-6.09E-01	5.05E-01	1.96E+00	-1.58E+00	-36.62	-1.31E+00	-9.48E-01		
	57.33	2.63E-05	-1.30E-05	-1.30E-05	-1.30E-04	-4.68E-05	3.88E-05	7.47E-05	-6.14E-05					
86	1131.40	5.55E+00	2.72E+00	2.57E+00	-6.37E-01	-2.10E+00	8.21E-02	5.69E+00	2.58E+00	-12.09	2.72E+00	6.37E-01		
	112.00	9.44E-05	-1.47E-05	-2.01E-05	-4.90E-05	-1.61E-04	6.32E-06	9.96E-05	-1.99E-05					
87	1019.80	1.60E+00	7.32E-01	4.02E-01	-1.78E+00	-7.80E-01	2.52E+00	3.00E+00	-6.60E-01	-38.11	7.32E-01	1.78E+00		
	34.67	3.16E-05	-1.92E-06	-1.46E-05	-1.37E-04	-6.00E-05	1.94E-04	8.52E-05	-5.55E-05					
88	886.60	7.95E-01	3.36E-01	1.77E-02	-1.46E+00	-3.86E-01	1.57E+00	2.04E+00	-9.13E-01	-40.54	7.95E-01	-1.46E+00		
	46.00	1.80E-05	3.09E-07	-1.19E-05	-1.12E-04	-2.97E-05	1.20E-04	6.60E-05	-4.78E-05					
89	869.80	3.54E+00	1.56E+00	1.49E+00	-8.16E-01	-1.22E+00	5.78E-01	3.83E+00	1.27E+00	-19.72	1.56E+00	8.16E-01		
	96.00	6.38E-05	-1.25E-05	-1.51E-05	-6.27E-05	-9.39E-05	4.44E-05	7.50E-05	-2.37E-05					
90	952.60	6.38E-01	-1.69E+00	-9.21E-01	-2.15E+00	-6.42E-01	1.57E+00	1.92E+00	-2.97E+00	-30.78	-2.40E+00	1.56E+00		
	128.00	4.62E-05	-4.33E-05	-1.38E-05	-1.65E-04	-4.94E-05	1.71E-04	9.54E-05	-9.24E-05					
91	869.80	1.02E+00	1.21E-01	2.61E-02	-9.94E-01	-6.57E-01	3.80E-01	1.66E+00	-5.19E-01	-32.78	1.02E+00	-9.94E-01		
	160.00	2.65E-05	-8.22E-06	-1.19E-05	-7.65E-05	-5.05E-05	2.92E-05	5.11E-05	-3.28E-05					
92	869.80	5.04E+00	1.71E+00	1.99E+00	-5.63E-01	-2.38E+00	6.11E-01	5.13E+00	1.62E+00	-9.36	1.71E+00	5.63E-01		
	203.60	9.78E-05	-3.01E-05	-1.96E-05	-4.33E-05	-1.83E-04	4.70E-05	1.01E-04	-3.37E-05					
93	598.67	-2.97E-01	1.01E-01	-1.44E-01	-2.91E+00	-1.63E+00	3.31E+00	2.82E+00	-3.02E+00	-46.95	1.01E-01	2.91E+00		
	16.00	-7.69E-06	7.61E-06	-1.79E-06	-2.24E-04	-1.25E-04	2.55E-04	1.12E-04	-1.12E-04					
94	645.75	4.31E-01	3.39E-01	2.31E-01	-1.87E+00	-6.67E-01	1.61E+00	2.28E+00	-1.46E+00	-43.91	4.81E-01	-1.87E+00		
	24.00	6.96E-06	1.49E-06	-2.67E-06	-1.44E-04	-5.13E-05	1.24E-04	7.62E-05	-6.78E-05					
95	613.10	5.76E-01	9.45E-01	6.31E-01	-3.23E+00	-6.36E-01	5.08E-01	4.00E+00	-2.48E+00	-46.64	5.76E-01	-3.23E+00		
	69.33	-1.51E-06	1.27E-05	6.15E-07	-2.49E-04	-4.89E-05	3.91E-05	1.30E-04	-1.19E-04					
96	708.45	9.22E-01	2.50E-01	1.92E-01	-1.50E+00	-6.83E-01	1.27E+00	2.12E+00	-9.49E-01	-38.68	1.18E+00	1.42E+00		
	55.00	2.05E-05	-5.35E-06	-7.62E-06	-1.15E-04	-5.26E-05	9.78E-05	6.66E-05	-5.15E-05					
97	613.10	2.55E+00	1.14E+00	1.16E+00	-1.05E+00	-2.12E+00	7.66E-01	3.12E+00	5.78E-01	-28.06	1.14E+00	1.05E+00		
	96.00	4.49E-05	-9.53E-06	-8.67E-06	-8.11E-05	-1.63E-04	5.89E-05	6.65E-05	-3.11E-05					
98	682.2[illegible]	[illegible].65E-01	3.35E-01	2.36E-01	-2.11E+00	-6.46E-01	1.[illegible]7E+00	2.78E+00	-1.48E+00	-40.75	-1.19E+00	1.08E+00		
	112.[illegible]	[illegible].02E-05	-4.00E-06	-7.79E-06	-1.62E-04	-4.57E-05	[illegible]E-04	9.01E-05	-7.39E-05					
99	751	[illegible].27E+00	-5.13E-01	6.72E-01	-2.27E+00	-1.70E+00	[illegible]+00	4.33E+00	-1.57E+00	-25.06	-5.13E-01	2.[illegible]		

	96.00	[illegible]92E-05	-5.74E-05	-1.19E-05	-1.74E-04	-1.31E-04	[illegible]-04	1.29E-04	-9.82E-05					
100	682.25	[illegible].42E-01	2.31E-01	9.09E-02	-7.63E-01	-4.95E-01	[illegible]E-01	1.36E+00	-2.86E-01	-34.09	8.42E-01	-7.63E-		
	152.00	1.26E-05	-3.91E-06	-9.29E-06	-5.87E-05	-3.61E-05	7.64E-05	3.95E-05	-2.38E-05					
101	648.67	4.34E+00	2.05E+00	2.10E+00	-5.05E-01	-1.44E+00	6.47E-01	4.45E+00	1.95E+00	-11.92	2.05E+00	5.05E-01		
	192.00	7.35E-05	-1.43E-05	-1.25E-05	-3.58E-05	-1.10E-04	4.98E-05	7.76E-05	-1.84E-05					
102	725.25	6.92E-01	-3.52E-01	-2.53E-01	-7.96E-01	-3.76E-01	7.18E-01	1.12E+00	-7.82E-01	-28.38	1.48E-01	9.52E-01		
	232.70	2.57E-05	-1.45E-05	-1.07E-05	-6.13E-05	-2.69E-05	5.52E-05	4.22E-05	-3.10E-05					
103	635.50	6.34E-01	7.11E-01	2.24E-01	-3.47E-02	-2.87E-01	-1.65E-01	7.25E-01	6.21E-01	-69.04	6.34E-01	-3.47E-02		
	256.00	7.14E-06	1.01E-05	-8.63E-06	-2.67E-06	-2.21E-05	-1.27E-05	1.06E-05	6.63E-06					
104	635.50	1.61E+00	1.09E+00	5.90E-01	2.98E-02	-1.02E+00	5.95E-02	1.51E+00	1.09E+00	3.27	1.09E+00	-2.98E-02		
	290.67	2.58E-05	5.78E-06	-1.35E-05	2.29E-06	-7.86E-05	4.58E-06	2.58E-05	5.72E-06					
105	569.00	-4.44E-01	9.29E-02	1.40E-02	-3.04E+00	-9.47E-01	2.82E+00	2.88E+00	-3.23E+00	-47.52	-4.44E-01	-3.04E+00		
	16.50	-1.34E-05	7.23E-06	4.25E-06	-2.34E-04	-7.29E-05	2.17E-04	1.14E-04	-1.21E-04					
106	508.50	-6.15E+00	-4.07E+00	-3.84E+00	-2.19E+00	-2.24E+00	8.51E-01	-2.69E+00	-7.54E+00	-57.65	-4.07E+00	2.19E+00		
	13.00	-8.20E-05	-2.21E-06	6.92E-06	-1.69E-04	-1.72E-04	6.54E-05	5.12E-05	-1.35E-04					
107	521.00	-1.65E+00	-7.63E-01	-5.29E-01	-2.98E+00	-7.56E-01	1.58E+00	1.81E+00	-4.22E+00	-49.24	-1.65E+00	-2.98E+00		
	15.75	-3.12E-05	3.00E-06	1.20E-05	-2.29E-04	-6.12E-05	1.21E-04	1.02E-04	-1.30E-04					
108	526.25	-1.41E+00	-6.27E-01	-4.55E-01	-3.29E+00	-6.70E-01	1.63E+00	2.29E+00	-4.33E+00	-48.40	-1.41E+00	-3.29E+00		
	21.00	-2.69E-05	3.28E-06	9.93E-06	-2.53E-04	-5.15E-05	1.26E-04	1.16E-04	-1.39E-04					
109	515.50	-3.83E+00	-2.54E+00	-2.44E+00	-4.05E+00	-1.55E+00	8.62E-01	9.21E-01	-7.29E+00	-49.52	-2.54E+00	4.05E+00		
	26.00	-5.05E-05	-8.37E-07	2.94E-06	-3.12E-04	-1.19E-04	6.63E-05	1.32E-04	-1.84E-04					
110	531.50	-5.23E-01	-3.15E-01	-1.29E-01	-2.68E+00	-4.65E-01	1.39E+00	2.26E+00	-3.10E+00	-46.11	-5.23E-01	-2.68E+00		
	34.50	-9.49E-06	-1.49E-06	5.67E-06	-2.06E-04	-3.58E-05	1.07E-04	9.76E-05	-1.09E-04					
111	515.50	1.94E+00	3.05E+00	2.31E+00	-7.87E+00	-3.59E-01	9.38E-02	1.04E+01	-5.39E+00	-47.02	1.94E+00	-7.87E+00		
	44.00	-5.96E-06	3.72E-05	8.53E-06	-6.05E-04	-2.76E-05	7.22E-06	3.19E-04	-2.88E-04					
112	515.50	7.33E-01	4.25E-01	4.90E-01	-1.82E+00	-8.59E-01	6.95E-01	2.40E+00	-1.25E+00	-42.58	4.25E-01	1.82E+00		
	53.33	1.01E-05	-1.77E-06	7.31E-07	-1.40E-04	-6.61E-05	5.35E-05	7.43E-05	-6.60E-05					
113	547.50	1.18E+00	-3.13E-01	3.73E-01	-2.86E+00	-5.39E-01	2.74E+00	3.39E+00	-2.52E+00	-37.66	-1.20E+00	2.46E+00		
	64.00	3.18E-05	-2.57E-05	6.88E-07	-2.20E-04	-4.15E-05	2.11E-04	1.17E-04	-1.10E-04					
114	515.50	2.40E+00	2.78E+00	2.14E+00	-3.29E+00	-2.10E-01	8.13E-01	5.89E+00	-7.02E-01	-46.66	2.40E+00	-3.29E+00		
	74.67	1.18E-05	2.66E-05	1.85E-06	-2.53E-04	-1.62E-05	6.26E-05	1.46E-04	-1.08E-04					
115	515.50	4.75E+00	2.98E+00	3.07E+00	-1.18E+00	-6.98E-01	6.54E-01	5.34E+00	2.39E+00	-26.52	2.98E+00	1.18E+00		
	88.00	6.41E-05	-4.18E-06	-5.70E-07	-9.07E-05	-5.37E-05	5.03E-05	8.67E-05	-2.68E-05					
116	547.50	2.82E+00	3.08E-01	1.23E+00	-3.58E+00	-4.93E-01	2.18E+00	5.36E+00	-2.23E+00	-35.34	-1.23E+00	2.57E+00		
	104.00	6.06E-05	-3.61E-05	-5.37E-07	-2.76E-04	-3.79E-05	1.68E-04	1.58E-04	-1.34E-04					
117	515.50	9.63E-01	9.87E-01	6.60E-01	-2.61E+00	-5.48E-02	1.22E+00	3.59E+00	-1.63E+00	-45.13	9.63E-01	-2.61E+00		
	120.00	8.36E-06	9.29E-06	-3.31E-06	-2.01E-04	-4.21E-06	9.37E-05	1.09E-04	-9.16E-05					
118	515.50	3.35E+00	2.02E+00	1.96E+00	-1.01E+00	-3.47E-01	5.51E-01	3.88E+00	1.46E+00	-28.42	2.02E+00	1.01E+00		
	136.00	4.79E-05	-2.67E-06	-5.04E-06	-7.75E-05	-2.67E-05	4.24E-05	6.89E-05	-2.36E-05					
119	547.50	2.42E+00	7.04E-01	1.08E+00	-2.42E+00	-2.64E-01	1.28E+00	4.13E+00	-1.01E+00	-35.27	-3.36E-01	1.74E+00		
	152.00	4.68E-05	-1.90E-05	-4.74E-06	-1.86E-04	-2.03E-05	9.82E-05	1.13E-04	-8.50E-05					
120	515.50	1.14E+00	9.53E-01	5.56E-01	-1.76E+00	-1.97E-02	7.67E-01	2.91E+00	-7.16E-01	-43.45	1.14E+00	-1.76E+00		
	168.00	1.48E-05	7.49E-06	-7.75E-06	-1.35E-04	-1.52E-06	5.90E-05	7.90E-05	-5.67E-05					
121	515.50	4.31E+00	2.63E+00	2.47E+00	-7.89E-01	-3.35E-01	4.13E-01	4.62E+00	2.31E+00	-21.61	2.63E+00	7.89E-01		
	184.00	6.24E-05	-2.28E-06	-8.40E-06	-6.07E-05	-2.58E-05	3.18E-05	7.44E-05	-1.43E-05					
122	547.50	1.51E+00	-7.17E-01	2.92E-02	-2.65E+00	-2.02E-01	1.73E+00	3.27E+00	-2.48E+00	-33.60	-1.83E+00	1.81E+00		
	200.00	4.91E-05	-3.66E-05	-7.91E-06	-2.04E-04	-1.56E-05	1.33E-04	1.17E-04	-1.04E-04					
123	515.50	-5.80E-01	-9.99E-01	-1.05E+00	-1.26E+00	2.02E-01	9.84E-01	4.88E-01	-2.07E+00	-40.29	-5.80E-01	-1.26E+00		
	216.00	6.60E-06	-9.49E-06	-1.16E-05	-9.69E-05	1.56E-05	7.57E-05	4.77E-05	-5.06E-05					
124	515.50	1.25E+00	6.49E-01	3.73E-01	-3.16E-01	2.50E-01	2.72E-01	1.39E+00	5.14E-01	-23.16	6.49E-01	3.16E-01		
	232.00	2.32E-05	-4.18E-08	-1.06E-05	-2.43E-05	1.92E-05	2.10E-05	2.84E-05	-5.24E-06					
125	547.50	6.72E-01	2.95E-01	2.23E-02	-6.19E-01	1.42E-01	8.45E-01	1.13E+00	-1.63E-01	-36.53	2.61E-02	4.58E-01		
	248.00	1.50E-05	4.80E-07	-1.00E-05	-4.76E-05	1.10E-05	6.50E-05	3.26E-05	-1.72E-05					
126	515.50	-1.04E+00	-1.55E+00	-1.50E+00	1.11E-01	3.49E-01	1.01E+00	-1.02E+00	-1.57E+00	11.90	-1.04E+00	1.11E-01		
	264.00	4.80E-06	-1.46E-05	-1.26E-05	9.57E-06	2.69E-05	7.77E-05	5.70E-06	-1.55E-05					
127	515.50	6.23E-01	3.10E-01	4.81E-02	-1.10E-01	6.65E-01	1.54E-01	6.58E-01	2.75E-01	-17.61	3.10E-01	1.10E-01		
	276.00	1.32E-05	1.15E-06	-8.93E-06	-8.48E-06	5.12E-05	1.19E-05	1.45E-05	-1.95E-07					
128	531.50	-5.03E-01	-3.31E-01	-7.11E-01	-6.74E-02	3.11E-01	9.30E-02	-3.08E-01	-5.26E-01	-70.93	-5.03E-01	-6.74E-02		
	297.00	-2.36E-06	4.24E-06	-1.04E-05	-5.19E-06	2.39E-05	7.15E-06	5.14E-06	-3.26E-06					
129	515.50	-2.17E+00	-1.86E+00	-2.02E+00	4.16E-01	3.35E-01	6.70E-01	-1.57E+00	-2.46E+00	55.34	-2.17E+00	4.16E-01		
	320.00	-1.70E-05	-4.92E-06	-1.13E-05	3.20E-05	2.57E-05	5.16E-05	6.15E-06	-2.81E-05					
130	565.50	-1.17E-01	1.45E-01	3.04E-01	-4.57E+00	-1.24E+00	3.61E+00	4.58E+00	-4.56E+00	-45.82	-1.17E-01	-4.57E+00		
	-8.00	-8.15E-06	1.94E-06	8.04E-06	-3.51E-04	-9.55E-05	2.77E-04	1.73E-04	-1.79E-04					

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3704

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.5255E+02	.3283E+03	-.2117E+02	-.4871E+02	-.1121E+03	.7627E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.6499E+01	-.2918E+01	-.1258E+01	-.4424E+02	.3013E+02	.3943E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.5488E+01	.8843E+00	-.5418E+00	-.7161E+02	.6697E+02	.7205E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.7724E+01	-.1772E+01	-.9930E-01	-.1003E+03	.1051E+03	.1054E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.8376E+01	.1205E+01	-.1091E+00	-.1291E+03	.1427E+03	.1417E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1042E+01	.8828E+00	-.5091E+00	-.1721E+03	.1813E+03	.1853E+03
25	-.2015E+02	-.3264E+01	-.1014E+00	-.2141E+03	.1998E+03	.2276E+03
26	.4719E+01	.5017E+00	.4248E-01	-.2322E+03	.2113E+03	.2586E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1052E+03	.2020E+02	-.3453E+01	-.2383E+03	.2920E+03	.2837E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1759E+04	-.3060E+03	.1271E+02	-.3337E+03	.7823E+03	.4476E+03
40	-.1237E+04	-.1953E+03	-.2138E+01	-.3146E+03	.7722E+03	.4107E+03
41	-.8249E+03	-.1115E+03	-.1527E+02	-.2728E+03	.7000E+03	.3567E+03
42	-.1996E+03	-.1506E+02	-.1480E+02	-.2388E+03	.4972E+03	.3111E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2036E+04	.2677E+03	.1133E+02	-.5375E+02	.8233E+03	-.2272E+03
48	.1755E+04	.2318E+03	.1258E+02	-.1088E+03	.7623E+03	-.1631E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2956E+04	.4504E+03	.1390E+02	.5654E+02	.5655E+03	-.6931E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.8262E+01	-.1359E+02	.8963E+00	-.3109E+02	.8109E+03	-.2134E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
	.2024E+04	.3074E+03	.1374E+02	.1543E+02	.4571E+03	-.6526E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1414E+04	.2163E+03	.1849E+02	.1657E+02	.4296E+03	-.6345E+03
66	.4755E+03	.7432E+02	.2325E+02	.2356E+02	.3584E+03	-.6610E+03
67	-.9780E+03	-.1442E+03	.2327E+02	.2140E+02	.2952E+03	-.6601E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1741E+04	-.2590E+03	.1955E+02	-.5751E+02	.2232E+03	-.6539E+03
76	.1882E+03	.2971E+02	.1339E+02	-.8210E+02	.1403E+03	-.6605E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.7301E+03	-.1090E+03	.9780E+01	-.9952E+02	.3801E+02	-.6384E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3083E+03	.4621E+02	.6995E+01	-.1413E+03	-.2441E+02	-.6212E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4264E+03	-.6491E+02	.6223E+01	-.1108E+03	-.1116E+03	-.5748E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2833E+03	.4104E+02	.5214E+01	-.9839E+02	-.1637E+03	-.5253E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3240E+03	-.5075E+02	.5319E+01	-.7905E+02	-.2371E+03	-.4723E+03
109	.1916E+03	.2612E+02	.4560E+01	-.1011E+03	-.2858E+03	-.4088E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2701E+03	-.4373E+02	.4441E+01	-.5991E+02	-.3410E+03	-.3390E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1352E+03	-.2379E+02	.8595E+00	-.3365E+02	-.3669E+03	-.2671E+03
115	-.4357E+02	-.1023E+02	-.2462E+00	-.1154E+02	-.3698E+03	-.1935E+03
116	-.1133E+03	-.2116E+02	-.1304E+01	.3910E+01	-.3883E+03	-.1458E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1214E+03	-.2260E+02	-.2501E+01	-.1547E+02	-.3998E+03	-.1295E+03
119	-.8015E+02	-.1611E+02	-.3614E+01	.3223E+02	-.3651E+03	-.7347E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2266E+03	-.2974E+02	-.1361E+02	.3041E+02	-.3189E+03	-.3812E+02
122	-.1207E+03	-.1461E+02	-.2327E+02	-.1021E+02	-.3083E+03	-.3943E+02

123	-.1480E+03	-.2706E+01	-.2064E+02	-.7004E+01	-.2697E+03	-.3561E+02
124	-.1061E+03	-.4812E+01	-.1424E+02	-.4789E+01	-.2224E+03	-.3252E+02
125	-.7021E+02	-.3505E+01	-.1046E+02	-.2952E+01	-.1841E+03	-.2958E+02
126	-.2279E+02	.3965E+01	-.9745E+01	-.6147E+00	-.1553E+03	-.2642E+02
127	.1216E+02	.9829E+01	-.9963E+01	.9698E+00	-.1332E+03	-.2239E+02
128	.4916E+02	.1472E+02	-.9598E+01	.4742E+01	-.8758E+02	-.1764E+02
129	.4914E+02	.1292E+02	-.9138E+01	.6444E+01	-.5070E+02	-.1380E+02
130	.3433E+02	.7888E+01	-.6053E+01	.6724E+01	-.2346E+02	-.1095E+02
131	.9148E+01	.1437E+01	-.4178E+01	.5838E+01	-.8537E+01	-.6139E+01
132	-.9843E+00	-.6522E+00	-.3097E+01	.3870E+01	-.8898E+01	-.7856E+01
133	-.1781E+01	-.5523E+00	-.2825E+01	.2673E+01	-.1010E+02	-.6596E+01
134	-.4921E+00	-.1626E+00	-.2811E+01	.2044E+01	-.8534E+01	-.5188E+01
135	-.9347E-02	-.1288E-01	-.3158E+01	.1560E+01	-.6035E+01	-.3824E+01
136	.5269E-02	-.1913E-01	-.4197E+01	.1093E+01	-.3913E+01	-.2553E+01
137	.7601E-01	.2513E-01	-.6579E+01	.7633E+00	-.1769E+01	-.1396E+01
138	-.3321E-01	-.1411E+00	-.1081E+03	.5124E+00	.4693E+00	-.7010E+00
139	-.1034E+00	-.1676E+00	.3138E+02	.8122E-01	-.2528E+00	.2558E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6100E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.10971E-01	-.59024E-04	.10983E-01	.00000E+00
3	-.20011E-01	-.20615E-03	.20015E-01	.00000E+00
4	-.21708E-01	-.20564E-03	.21671E-01	.00000E+00
5	-.23444E-01	-.61544E-05	.23453E-01	.00000E+00
6	-.26505E-01	.30451E-05	.26502E-01	-.48813E-05
7	-.24329E-01	-.41715E-03	.24642E-01	.00000E+00
8	-.26580E-01	-.31300E-03	.26664E-01	-.94674E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.10882E-01	-.12185E-03	.10981E-01	.00000E+00
11	-.20135E-01	-.26018E-03	.20414E-01	.00000E+00
12	-.22456E-01	-.29357E-03	.22786E-01	.00000E+00
13	-.24323E-01	-.23549E-03	.24484E-01	.00000E+00
14	-.26737E-01	-.31940E-03	.27092E-01	-.25245E-05
15	-.24651E-01	-.61034E-03	.25688E-01	.00000E+00
16	-.26972E-01	-.51605E-03	.27797E-01	.10649E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.10990E-01	-.17559E-03	.11409E-01	.00000E+00
19	-.20521E-01	-.34220E-03	.21401E-01	.00000E+00
20	-.22954E-01	-.42560E-03	.23997E-01	.00000E+00
21	-.24910E-01	-.28463E-03	.25856E-01	.00000E+00
22	-.27296E-01	-.33696E-03	.28781E-01	-.10288E-05
23	-.25579E-01	-.90490E-03	.27910E-01	.00000E+00
24	-.27698E-01	-.78171E-03	.30074E-01	-.89402E-05
25	-.27979E-01	-.99849E-03	.30910E-01	-.21755E-07
26	-.26143E-01	-.95252E-03	.31406E-01	.26324E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.11011E-01	-.34006E-03	.11748E-01	.00000E+00
29	-.20291E-01	-.65369E-03	.22355E-01	.00000E+00
30	-.23475E-01	-.75012E-03	.25403E-01	.00000E+00
31	-.25778E-01	-.91770E-03	.28296E-01	.00000E+00
32	-.28316E-01	-.10885E-02	.31955E-01	-.24603E-04
33	-.25713E-01	-.13553E-02	.28281E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.10935E-01	-.50155E-03	.11752E-01	.00000E+00
36	-.21155E-01	-.80510E-03	.22544E-01	.00000E+00
37	-.23739E-01	-.99732E-03	.25290E-01	.00000E+00
38	-.26490E-01	-.11315E-02	.29313E-01	.00000E+00
39	-.28636E-01	-.15303E-02	.32895E-01	.16000E-04
[illegible]	-.28502E-01	-.16158E-02	.32678E-01	[illegible]45189E-06
[illegible]	-.28530E-01	-.15582E-02	.32474E-01	[illegible]0202E-04
[illegible]	-.28444E-01	-.13718E-02	.32244E-01	[illegible]0308E-04

	-.23407E-01	-.11577E-02	.24586E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.10215E-01	.52579E-04	.10661E-01	.00000E+00
46	-.21105E-01	-.70426E-03	.21522E-01	.00000E+00
47	-.28662E-01	-.14300E-02	.32978E-01	.14589E-04
48	-.29654E-01	-.14537E-02	.32969E-01	.22186E-04
49	-.26450E-01	-.11742E-02	.29059E-01	.00000E+00
50	-.28225E-01	-.14539E-02	.33091E-01	.65023E-04
51	-.26712E-01	-.13001E-02	.28335E-01	.00000E+00
52	-.29941E-01	-.12257E-02	.31067E-01	.00000E+00
53	-.28682E-01	-.13150E-02	.33013E-01	.33447E-05
54	-.23419E-01	-.72428E-03	.22926E-01	.00000E+00
55	-.26289E-01	-.10907E-02	.25301E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.37663E-02	-.95353E-03	.77395E-02	.00000E+00
58	-.19833E-01	-.57233E-03	.14822E-01	.00000E+00
59	-.30516E-01	-.96362E-03	.29329E-01	.00000E+00
60	-.30016E-01	-.12269E-02	.30156E-01	.00000E+00
61	-.29177E-01	-.14668E-02	.33171E-01	.10019E-03
62	-.22142E-01	-.36522E-03	.17912E-01	.00000E+00
63	-.25523E-01	-.31701E-03	.21729E-01	.00000E+00
64	-.30556E-01	-.12737E-02	.31494E-01	.00000E+00
65	-.29516E-01	-.14698E-02	.33245E-01	.12449E-03
66	-.30356E-01	-.14742E-02	.33395E-01	.15120E-03
67	-.31263E-01	-.14762E-02	.33558E-01	.14414E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.68985E-02	.11776E-03	.45948E-02	.00000E+00
70	-.19886E-01	-.82202E-04	.14818E-01	.00000E+00
71	-.29696E-01	-.25262E-03	.24932E-01	.00000E+00
72	-.31387E-01	-.11190E-02	.31549E-01	.00000E+00
73	-.24481E-01	-.13030E-03	.16884E-01	.00000E+00
74	-.33304E-01	-.12013E-02	.32953E-01	.00000E+00
75	-.32034E-01	-.14783E-02	.33701E-01	.10971E-03
76	-.33071E-01	-.15104E-02	.33983E-01	.76811E-04
77	-.28205E-01	.81356E-04	.20675E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.82224E-02	-.27532E-03	.59533E-02	.00000E+00
80	-.18966E-01	.21276E-03	.12939E-01	.00000E+00
81	-.20977E-01	.25960E-03	.14068E-01	.00000E+00
82	-.23522E-01	.38747E-03	.17017E-01	.00000E+00
83	-.33129E-01	-.14481E-03	.27649E-01	.00000E+00
84	-.31099E-01	.24027E-03	.23078E-01	.00000E+00
85	-.34246E-01	-.15221E-02	.34329E-01	.61426E-04
86	-.34524E-01	-.12397E-02	.33939E-01	.00000E+00
87	-.28361E-01	.24791E-03	.19441E-01	.00000E+00
88	-.34549E-01	-.90671E-03	.31131E-01	.00000E+00
89	-.35055E-01	-.15654E-02	.34674E-01	.49407E-04
90	-.21668E-01	.16415E-03	.98018E-02	.00000E+00
91	-.23267E-01	.31763E-03	.10945E-01	.00000E+00
92	-.24972E-01	-.21884E-04	.11725E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.93356E-02	.00000E+00	.40764E-02	.00000E+00
95	-.17173E-01	.00000E+00	.72482E-02	.00000E+00
96	-.19680E-01	.00000E+00	.83589E-02	.00000E+00
97	-.20539E-01	.00000E+00	.81676E-02	.00000E+00
98	-.20168E-01	.00000E+00	.79047E-02	.00000E+00
99	-.22088E-01	-.57638E-04	.87998E-02	.00000E+00
100	-.27450E-01	-.25754E-04	.14354E-01	.00000E+00
101	-.33169E-01	-.36487E-03	.23124E-01	.00000E+00
102	-.36307E-01	-.16097E-02	.35162E-01	.44385E-04
103	-.34724E-01	-.39377E-03	.28374E-01	.00000E+00
104	-.36819E-01	-.14490E-02	.35145E-01	.00000E+00
105	-.37178E-01	-.16376E-02	.35587E-01	.38182E-04
106	-.36331E-01	-.47249E-03	.31213E-01	.00000E+00

107	-.38244E-01	-.15372E-02	.35685E-01	.00000E+00
108	-.39177E-01	-.16537E-02	.35978E-01	.36453E-04
109	-.39409E-01	-.16334E-02	.36303E-01	.30925E-04
110	-.39422E-01	-.15014E-02	.32951E-01	.00000E+00
111	-.39816E-01	-.18356E-02	.36663E-01	.00000E+00
112	-.39681E-01	-.17045E-02	.36572E-01	.27646E-04
113	-.39501E-01	-.13611E-02	.34426E-01	.00000E+00
114	-.40115E-01	-.16335E-02	.36769E-01	.10348E-04
115	-.40254E-01	-.15301E-02	.36909E-01	.25708E-05
116	-.40253E-01	-.16404E-02	.36966E-01	-.35923E-05
117	-.40051E-01	-.19246E-02	.37426E-01	.00000E+00
118	-.40152E-01	-.16324E-02	.36988E-01	-.82965E-05
119	-.39953E-01	-.16134E-02	.36997E-01	-.14354E-04
120	-.40411E-01	-.17242E-02	.37423E-01	.00000E+00
121	-.39502E-01	-.15680E-02	.36955E-01	-.24658E-04
122	-.39452E-01	-.13624E-02	.37000E-01	-.29665E-04
123	-.39376E-01	-.11705E-02	.37033E-01	-.33611E-04
124	-.39290E-01	-.95302E-03	.37066E-01	-.38136E-04
125	-.39175E-01	-.70532E-03	.37100E-01	-.43492E-04
126	-.38950E-01	-.23137E-03	.37155E-01	-.49663E-04
127	-.38708E-01	.27556E-03	.37208E-01	-.50427E-04
128	-.38249E-01	.13054E-02	.37317E-01	-.41035E-04
129	-.37935E-01	.20571E-02	.37416E-01	-.26865E-04
130	-.37754E-01	.25313E-02	.37524E-01	-.10356E-04
131	-.37767E-01	.25290E-02	.37688E-01	.73165E-05
132	-.37918E-01	.20583E-02	.37833E-01	.11864E-04
133	-.38052E-01	.15748E-02	.37960E-01	.95735E-05
134	-.38134E-01	.12118E-02	.38063E-01	.72816E-05
135	-.38188E-01	.91590E-03	.38147E-01	.64443E-05
136	-.38227E-01	.63059E-03	.38207E-01	.65366E-05
137	-.38249E-01	.35179E-03	.38244E-01	.64488E-05
138	-.38265E-01	.53709E-04	.38265E-01	.68534E-05
139	-.38265E-01	.66181E-05	.38265E-01	.66424E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.03E-03	-3.59E-02	-5.32E-03	-1.34E+00	-4.29E-03	1.35E+00	1.32E+00	-1.36E+00	-44.69	-7.03E-03	-1.34E+00
	-303.00	3.07E-07	-1.00E-06	3.85E-07	-1.22E-04	-3.90E-07	1.23E-04	6.05E-05	-6.12E-05			
2	72.00	-1.79E-02	-5.00E-02	1.49E-02	-1.12E+00	1.32E-04	1.15E+00	1.09E+00	-1.16E+00	-44.59	-1.79E-02	-1.12E+00
	-213.00	-1.26E-07	-1.59E-06	1.37E-06	-1.02E-04	1.20E-08	1.05E-04	5.02E-05	-5.19E-05			
3	72.00	-1.78E-01	-5.89E-02	4.34E-02	-7.48E-01	7.16E-02	8.13E-01	6.32E-01	-8.69E-01	-47.27	-1.78E-01	-7.48E-01
	-138.00	-3.03E-06	-3.24E-07	2.00E-06	-3.40E-05	3.26E-06	3.69E-05	1.54E-05	-1.87E-05			
4	24.00	-8.76E-01	-4.76E-01	-5.97E-01	-1.39E+00	2.35E-01	1.53E+00	7.33E-01	-2.08E+00	-49.09	-8.76E-01	-1.39E+00
	-68.00	-1.23E-05	3.12E-06	-1.54E-06	-1.07E-04	1.81E-05	1.17E-04	4.96E-05	-5.88E-05			
5	72.00	2.90E-01	1.46E-01	3.41E-01	-6.15E-01	-2.58E-02	6.57E-01	8.37E-01	-4.01E-01	-41.65	1.46E-01	6.15E-01
	-88.00	2.62E-06	-2.94E-06	4.59E-06	-4.73E-05	-1.99E-06	5.05E-05	2.37E-05	-2.40E-05			
6	120.00	1.58E-01	1.61E-01	2.28E-01	-1.18E+00	-6.42E-02	1.17E+00	1.34E+00	-1.02E+00	-45.03	-1.00E+00	2.15E-01
	-68.00	7.34E-09	1.77E-07	2.75E-06	-9.10E-05	-4.94E-06	9.00E-05	4.56E-05	-4.54E-05			
7	36.25	-3.26E-01	-1.27E-01	-8.03E-02	-6.61E-01	8.63E-02	6.33E-01	4.42E-01	-8.95E-01	-49.29	-3.04E-01	-6.64E-01
	-19.00	-6.69E-06	9.78E-07	2.78E-06	-5.09E-05	6.64E-06	4.87E-05	2.29E-05	-2.86E-05			
8	108.00	3.44E-02	6.53E-02	1.17E-01	-5.06E-01	-2.98E-03	5.59E-01	5.57E-01	-4.57E-01	-45.87	3.44E-02	-5.06E-01
	-19.00	-1.06E-06	1.31E-07	2.11E-06	-3.90E-05	-2.29E-07	4.29E-05	1.90E-05	-2.00E-05			
9	216.00	-7.11E-02	-9.94E-02	-4.97E-02	-1.34E+00	9.75E-03	1.37E+00	1.25E+00	-1.42E+00	-44.70	-7.11E-02	-1.34E+00
	-303.00	-3.72E-07	-1.66E-06	6.00E-07	-1.22E-04	8.86E-07	1.25E-04	5.98E-05	-6.19E-05			
10	216.00	-1.02E-01	-1.01E-01	-2.16E-02	-1.15E+00	3.27E-02	1.20E+00	1.05E+00	-1.25E+00	-45.01	-1.02E-01	-1.15E+00
	-213.00	-1.71E-06	-1.69E-06	1.94E-06	-1.05E-04	2.97E-06	1.09E-04	5.07E-05	-5.41E-05			
11	216.00	[illegible]73E-01	-8.34E-02	9.06E-02	-8.87E-01	1.03E-01	9.[illegible]5E-01	7.60E-01	-1.02E+00	-46.45	-1.73E-01	-8.87E-01
	-138.00	[illegible]07E-06	-1.02E-06	2.93E-06	-4.03E-05	4.70E-06	[illegible]-05	1.81E-05	-2.22E-05			
12	168.0[illegible]	[illegible]11E-01	-3.72E-01	-2.42E-01	-1.35E+00	1.92E-01	[illegible]+00	9.61E-01	-1.74E+00	-45.42	-4.11E-01	-1.35[illegible]

	-68.00	[illegible].55E-06	-3.04E-06	1.97E-06	-1.04E-04	1.48E-05	[illegible]-04	4.82E-05	-5.58E-05					
13	216.00	[illegible].91E-01	1.44E-01	1.20E-01	-5.53E-01	3.17E-03	[illegible]-01	8.35E-01	-3.04E-01	-38.76	1.44E-01	5.58E		
	-88.00	4.87E-06	-4.62E-06	4.83E-06	-4.29E-05	2.44E-07	4.43E-05	2.21E-05	-2.16E-05					
14	264.00	9.73E-03	1.45E-01	2.04E-01	-1.16E+00	-2.10E-02	1.19E+00	1.24E+00	-1.08E+00	-46.68	-1.05E+00	2.75E-01		
	-68.00	-3.59E-06	1.62E-06	3.95E-06	-8.90E-05	-1.62E-06	5.16E-05	4.36E-05	-4.55E-05					
15	180.00	-1.29E-01	-2.46E-02	5.89E-02	-5.82E-01	1.29E-01	5.59E-01	5.08E-01	-6.61E-01	-47.55	-1.29E-01	-5.82E-01		
	-19.00	-3.91E-06	8.94E-08	3.30E-06	-4.48E-05	9.55E-06	4.30E-05	2.06E-05	-2.44E-05					
16	252.00	-7.49E-02	3.06E-02	1.41E-01	-4.82E-01	4.87E-02	5.87E-01	4.68E-01	-5.03E-01	-48.39	-7.49E-02	-4.82E-01		
	-15.00	-4.04E-06	3.23E-07	4.26E-06	-3.71E-05	3.74E-06	4.51E-05	1.68E-05	-2.05E-05					
17	361.00	-9.58E-02	-1.57E-01	-7.66E-02	-1.35E+00	3.94E-03	1.42E+00	1.22E+00	-1.48E+00	-44.35	-9.56E-02	-1.35E+00		
	-303.00	-7.20E-08	-2.87E-06	9.01E-07	-1.23E-04	3.58E-07	1.29E-04	5.99E-05	-6.29E-05					
18	361.00	-1.24E-01	-1.45E-01	-3.49E-02	-1.21E+00	2.28E-02	1.27E+00	1.08E+00	-1.34E+00	-44.75	-1.24E-01	-1.21E+00		
	-213.00	-1.68E-06	-2.65E-06	2.35E-06	-1.10E-04	2.07E-06	1.15E-04	5.28E-05	-5.72E-05					
19	361.00	-1.92E-01	-1.10E-01	1.16E-01	-9.49E-01	9.83E-02	1.07E+00	7.99E-01	-1.10E+00	-46.24	-1.92E-01	-9.49E-01		
	-138.00	-3.39E-06	-1.52E-06	3.61E-06	-4.31E-05	4.47E-06	4.85E-05	1.91E-05	-2.40E-05					
20	312.00	-7.22E-01	-5.66E-01	-3.93E-01	-1.53E+00	3.27E-01	1.67E+00	8.87E-01	-2.17E+00	-46.46	-7.22E-01	-1.53E+00		
	-68.00	-9.29E-06	-3.29E-06	3.34E-06	-1.18E-04	2.52E-05	1.29E-04	5.26E-05	-6.52E-05					
21	360.67	6.41E-01	3.50E-01	5.91E-01	-7.26E-01	-4.24E-02	8.42E-01	1.24E+00	-2.45E-01	-39.33	3.50E-01	7.26E-01		
	-88.00	7.27E-06	-3.93E-06	5.35E-06	-5.59E-05	-3.26E-06	6.48E-05	3.02E-05	-2.68E-05					
22	409.33	-3.90E-01	-5.32E-01	-1.98E-01	-1.46E+00	4.82E-03	1.82E+00	9.97E-01	-1.92E+00	-43.60	-1.90E+00	2.31E-01		
	-68.00	-2.70E-06	-8.17E-06	4.71E-06	-1.12E-04	3.71E-07	1.40E-04	5.07E-05	-6.15E-05					
23	324.00	-2.62E-01	-5.26E-02	7.48E-02	-6.01E-01	2.31E-01	5.94E-01	4.53E-01	-7.67E-01	-49.94	-2.62E-01	-6.01E-01		
	-19.00	-7.44E-06	6.11E-07	5.51E-06	-4.62E-05	1.77E-05	4.57E-05	2.00E-05	-2.69E-05					
24	372.00	-1.47E-01	1.25E-01	2.19E-01	-1.57E+00	2.20E-01	1.67E+00	1.56E+00	-1.58E+00	-47.48	-1.47E-01	-1.57E+00		
	-9.33	-7.82E-06	2.63E-06	6.27E-06	-1.20E-04	1.69E-05	1.29E-04	5.79E-05	-6.31E-05					
25	401.25	-7.86E-02	1.41E-02	2.24E-01	-5.15E-01	7.28E-02	6.93E-01	4.85E-01	-5.50E-01	-47.57	4.09E-01	-2.70E-01		
	-19.00	-4.78E-06	-1.22E-06	6.87E-06	-3.96E-05	5.60E-06	5.33E-05	1.69E-05	-2.29E-05					
26	427.67	-7.46E-01	-6.77E-01	-3.56E-01	-1.76E+00	3.00E-01	2.37E+00	1.05E+00	-2.47E+00	-45.56	-1.78E+00	-1.40E+00		
	-9.33	-9.15E-06	-6.49E-06	5.86E-06	-1.35E-04	2.30E-05	1.82E-04	5.99E-05	-7.56E-05					
27	457.00	-1.14E-01	-2.35E-01	-1.14E-01	-1.36E+00	-8.83E-03	1.44E+00	1.19E+00	-1.54E+00	-43.73	-1.14E-01	-1.36E+00		
	-303.00	8.19E-07	-4.68E-06	8.50E-07	-1.24E-04	-8.03E-07	1.31E-04	6.00E-05	-6.38E-05					
28	457.00	-1.10E-01	-1.64E-01	-3.69E-02	-1.27E+00	-2.75E-03	1.32E+00	1.14E+00	-1.41E+00	-44.39	-1.10E-01	-1.27E+00		
	-213.00	-9.62E-07	-3.41E-06	2.36E-06	-1.16E-04	-2.50E-07	1.20E-04	5.57E-05	-6.00E-05					
29	457.00	-2.98E-01	-1.64E-01	5.65E-02	-1.00E+00	-5.67E-02	1.10E+00	7.72E-01	-1.23E+00	-46.92	-2.98E-01	-1.00E+00		
	-138.00	-4.65E-06	-1.60E-06	3.41E-06	-4.55E-05	-2.58E-06	5.00E-05	1.97E-05	-2.59E-05					
30	442.00	-3.75E-01	-8.54E-01	-3.33E-01	-1.72E+00	-5.95E-02	1.90E+00	1.12E+00	-2.35E+00	-41.04	-3.75E-01	-1.72E+00		
	-68.00	2.73E-06	-1.57E-05	4.36E-06	-1.32E-04	-4.58E-06	1.46E-04	6.03E-05	-7.33E-05					
31	457.33	2.03E+00	9.15E-01	1.30E+00	-6.02E-01	-9.53E-01	1.01E+00	2.29E+00	6.52E-01	-23.58	9.15E-01	6.02E-01		
	-88.00	3.15E-05	-1.15E-05	3.39E-06	-4.63E-05	-7.33E-05	7.79E-05	4.16E-05	-2.16E-05					
32	472.67	-3.35E+00	-2.85E+00	-2.36E+00	-1.48E+00	5.67E-01	2.42E+00	-1.60E+00	-4.61E+00	-49.83	-4.25E+00	-9.69E-01		
	-68.00	-3.49E-05	-1.54E-05	3.28E-06	-1.14E-04	4.36E-05	1.86E-04	3.27E-05	-8.31E-05					
33	443.00	-3.12E-01	-2.52E-01	3.16E-02	-8.80E-01	1.00E-01	9.26E-01	5.98E-01	-1.16E+00	-45.98	-3.12E-01	-8.80E-01		
	-19.50	-6.15E-06	-3.84E-06	7.06E-06	-6.77E-05	7.69E-06	7.12E-05	2.89E-05	-3.88E-05					
34	454.00	-2.59E+00	-2.03E+00	-1.68E+00	-2.23E+00	6.72E-01	3.01E+00	-1.03E-01	-4.62E+00	-49.17	-3.57E+00	-1.90E+00		
	-11.33	-3.30E-05	-7.82E-06	5.66E-06	-1.72E-04	5.17E-05	2.32E-04	6.64E-05	-1.07E-04					
35	461.67	-7.19E-01	-9.18E-01	-4.52E-01	-2.12E+00	1.68E-01	3.12E+00	1.30E+00	-2.94E+00	-43.66	-7.19E-01	-2.12E+00		
	-12.00	-4.70E-05	-1.23E-05	5.56E-06	-1.63E-04	1.29E-05	2.40E-04	7.29E-05	-9.00E-05					
36	469.00	1.62E+00	6.04E-01	1.11E+00	-2.08E-01	-8.47E-01	1.25E+00	1.67E+00	5.64E-01	-11.11	6.04E-01	2.08E-01		
	-30.00	2.59E-05	-1.35E-05	6.04E-06	-1.60E-05	-6.52E-05	9.59E-05	2.73E-05	-1.50E-05					
37	476.33	-1.31E+00	-1.80E+00	-1.03E+00	-1.44E+00	1.81E-01	2.57E+00	-8.99E-02	-3.02E+00	-40.19	-1.89E+00	-1.42E+00		
	-12.00	-4.92E-06	-2.37E-05	5.95E-06	-1.11E-04	1.39E-05	1.97E-04	4.20E-05	-7.06E-05					
38	558.50	6.82E-02	-3.63E-02	3.02E-02	-1.27E+00	-4.44E-02	1.37E+00	1.29E+00	-1.26E+00	-43.83	6.82E-02	-1.27E+00		
	-303.00	2.29E-06	-2.44E-06	5.65E-07	-1.16E-04	-4.04E-06	1.25E-04	5.78E-05	-5.80E-05					
39	558.50	-3.97E-02	-2.25E-01	-6.34E-02	-1.27E+00	-8.91E-02	1.33E+00	1.14E+00	-1.40E+00	-42.91	-3.97E-02	-1.27E+00		
	-213.00	2.45E-06	-5.95E-06	1.37E-06	-1.15E-04	-8.10E-06	1.21E-04	5.60E-05	-5.95E-05					
40	506.17	1.66E-02	-5.14E-01	7.71E-03	-2.83E+00	-2.35E-01	2.83E+00	2.60E+00	-3.09E+00	-42.32	1.66E-02	-2.83E+00		
	-138.00	2.95E-06	-9.12E-06	2.74E-06	-1.29E-04	-1.07E-05	1.28E-04	6.16E-05	-6.77E-05					
41	558.50	8.72E-01	-3.34E-01	2.04E-01	-1.23E+00	-7.43E-01	1.76E+00	1.64E+00	-1.10E+00	-31.93	-3.34E-01	1.23E+00		
	-148.00	1.59E-05	-1.15E-05	7.46E-07	-5.59E-05	-3.38E-05	7.99E-05	3.32E-05	-2.89E-05					
42	610.83	-1.61E-01	-1.71E-01	-1.81E-01	-2.45E+00	-5.02E-01	2.21E+00	2.10E+00	-2.83E+00	-42.61	-2.79E+00	4.46E-01		
	-128.00	1.13E-06	-8.19E-06	6.82E-07	-1.11E-04	-2.28E-05	1.00E-04	5.24E-05	-5.95E-05					
43	501.38	2.38E-01	3.32E-02	2.56E-01	-6.45E-01	-2.63E-01	8.15E-01	7.88E-01	-5.17E-01	-40.49	2.38E-01	-6.45E-01		
	-78.00	3.36E-06	-4.52E-06	4.05E-06	-4.96E-05	-2.03E-05	6.27E-05	2.45E-05	-2.57E-05					
44	534.67	-4.08E-01	-4.31E-01	-2.97E-01	-2.05E+00	-1.60E-01	2.57E+00	1.63E+00	-2.47E+00	-44.84	-2.44E+00	3.45E-01		

	-66.00	-3.66E-06	-4.52E-06	2.17E-06	-1.58E-04	-1.23E-05	1.58E-04	7.47E-05	-8.29E-05				
45	584.67	3.60E-01	1.52E-01	2.91E-01	-1.96E+00	-5.23E-01	1.75E+00	2.22E+00	-1.70E+00	-43.41	3.69E-01	-1.96E+00	
	-68.00	5.39E-06	-2.05E-05	1.68E-06	-1.50E-04	-4.06E-05	1.35E-04	7.65E-05	-7.41E-05				
46	610.93	1.98E+00	4.73E-01	9.53E-01	-1.06E+00	-9.55E-01	1.42E+00	2.53E+00	-7.07E-02	-27.23	4.73E-01	1.06E+00	
	-88.00	3.88E-05	-1.93E-05	-8.07E-07	-4.13E-05	-7.38E-05	1.09E-04	5.97E-05	-4.02E-05				
47	482.63	8.27E-02	-8.91E-02	2.62E-01	-4.68E-01	-2.57E-01	9.32E-01	4.73E-01	-4.79E-01	-39.80	8.27E-02	-4.68E-01	
	-21.00	3.74E-07	-6.23E-06	7.26E-06	-3.60E-05	-1.98E-05	7.17E-05	1.54E-05	-2.12E-05				
48	485.83	-6.06E-01	-9.05E-01	-4.09E-01	-1.36E+00	-3.59E-02	2.86E+00	6.12E-01	-2.12E+00	-41.05	-7.82E-01	-1.37E+00	
	-12.00	-2.20E-06	-1.37E-05	5.37E-06	-1.05E-04	-2.76E-06	2.20E-04	4.46E-05	-6.05E-05				
49	507.88	1.00E-02	4.59E-02	2.53E-01	-5.11E-01	-1.59E-01	1.03E+00	5.39E-01	-4.83E-01	-46.01	1.00E-02	-5.11E-01	
	-21.00	-3.01E-06	-1.63E-06	6.34E-06	-3.93E-05	-1.23E-05	7.89E-05	1.73E-05	-2.20E-05				
50	538.67	-3.04E-01	-2.15E-01	-1.34E-01	-1.82E+00	-6.86E-01	2.23E+00	1.52E+00	-2.13E+00	-46.41	-2.11E+00	2.65E-01	
	-10.00	-7.00E-06	-1.02E-07	3.01E-06	-1.40E-04	-5.28E-05	1.71E-04	6.66E-05	-7.37E-05				
51	484.67	5.99E+00	4.15E+00	4.38E+00	1.24E-01	-4.67E-01	3.02E-01	6.00E+00	4.14E+00	3.82	4.15E+00	-1.24E-01	
	8.00	7.09E-05	-2.14E-08	8.90E-06	9.52E-06	-3.59E-05	2.32E-05	7.12E-05	-3.39E-07				
52	907.00	-1.51E+00	-1.82E+00	-1.08E+00	-1.01E+00	-3.16E-01	-8.93E-01	-6.45E-01	-2.69E+00	-40.74	-2.47E+00	-6.28E-01	
	0.00	-9.74E-06	-2.14E-05	6.87E-06	-7.76E-05	-2.43E-05	-6.87E-05	2.37E-05	-5.48E-05				
53	603.00	-4.64E-02	6.78E-03	-2.20E-02	-7.67E-01	-3.55E-01	7.21E-01	7.47E-01	-7.87E-01	-45.99	4.37E-01	-6.16E-01	
	-18.00	-1.11E-06	9.38E-07	-1.70E-07	-5.90E-05	-2.73E-05	5.54E-05	2.94E-05	-2.96E-05				
54	712.00	9.12E-02	-1.24E-01	-1.95E-02	-1.20E+00	-1.05E-01	1.13E+00	1.19E+00	-1.22E+00	-42.43	9.12E-02	-1.20E+00	
	-303.00	4.83E-06	-4.97E-06	-2.04E-07	-1.09E-04	-9.54E-06	1.03E-04	5.46E-05	-5.47E-05				
55	712.00	6.60E-01	3.40E-01	3.55E-01	-1.31E+00	-3.37E-01	1.10E+00	1.82E+00	-8.23E-01	-41.52	6.60E-01	-1.31E+00	
	-213.00	1.24E-05	-2.15E-06	-1.47E-06	-1.19E-04	-3.06E-05	1.00E-04	6.52E-05	-5.50E-05				
56	712.00	8.67E-01	4.17E-01	2.18E-01	-9.94E-01	-7.95E-01	8.42E-01	1.66E+00	-3.78E-01	-38.62	8.67E-01	-9.94E-01	
	-138.00	1.18E-05	1.89E-06	-2.92E-06	-4.52E-05	-3.61E-05	3.83E-05	2.99E-05	-1.65E-05				
57	712.00	2.24E-01	-1.97E-02	-3.97E-02	-6.29E-01	-3.29E-01	6.82E-01	7.42E-01	-5.38E-01	-39.51	2.24E-01	-6.29E-01	
	-78.00	6.81E-06	-2.57E-06	-3.34E-06	-4.83E-05	-2.53E-05	5.25E-05	2.67E-05	-2.25E-05				
58	712.00	2.94E-01	1.96E-01	5.88E-02	-8.46E-01	-2.96E-01	7.95E-01	1.09E+00	-6.03E-01	-43.33	2.94E-01	-8.46E-01	
	-18.00	5.29E-06	1.50E-06	-3.77E-06	-6.51E-05	-2.28E-05	6.12E-05	3.60E-05	-2.92E-05				
59	837.00	3.39E+00	1.87E+00	2.11E+00	-1.00E+00	-5.68E-01	5.46E-01	3.89E+00	1.37E+00	-26.41	1.87E+00	1.00E+00	
	-318.00	5.84E-05	-1.06E-05	.00E+00	-9.10E-05	-5.16E-05	8.60E-05	8.11E-05	-3.32E-05				
60	887.00	4.75E-01	2.43E-02	2.00E-01	-2.68E+00	-2.31E-01	2.07E+00	2.94E+00	-2.44E+00	-42.59	-2.22E+00	1.06E+00	
	-288.00	1.25E-05	-7.98E-06	.00E+00	-2.43E-04	-2.10E-05	1.88E-04	1.24E-04	-1.20E-04				
61	987.00	-6.06E-01	-4.20E-01	-4.11E-01	-2.72E+00	1.03E-01	1.86E+00	2.21E+00	-3.23E+00	-45.98	-6.06E-01	-2.72E+00	
	-288.00	-8.89E-06	-4.42E-07	.00E+00	-2.47E-04	9.32E-06	1.69E-04	1.19E-04	-1.28E-04				
62	1037.00	3.35E+00	2.01E+00	2.14E+00	-1.99E+00	-4.40E-01	1.47E+00	4.78E+00	5.79E-01	-35.69	2.01E+00	1.99E+00	
	-318.00	5.40E-05	-6.12E-06	.00E+00	-1.81E-04	-4.00E-05	1.33E-04	1.20E-04	-7.11E-05				
63	862.00	6.76E-02	2.92E-02	-7.20E-02	-1.35E+00	-7.59E-02	1.06E+00	1.46E+00	-1.30E+00	-44.59	6.76E-02	-1.35E+00	
	-213.00	2.75E-06	1.01E-06	-3.60E-06	-1.23E-04	-6.90E-06	9.66E-05	6.33E-05	-5.96E-05				
64	1012.00	-1.90E-01	-1.25E-01	-2.45E-01	-1.45E+00	2.48E-02	1.05E+00	1.30E+00	-1.61E+00	-45.65	-1.90E-01	-1.45E+00	
	-213.00	-1.38E-06	1.60E-06	-3.86E-06	-1.32E-04	2.25E-06	9.54E-05	6.62E-05	-6.60E-05				
65	837.00	-8.77E-03	9.90E-02	-3.19E-01	-1.03E+00	-3.22E-01	1.14E+00	1.07E+00	-9.84E-01	-46.50	9.90E-02	1.03E+00	
	-148.00	1.00E-06	3.45E-06	-6.05E-06	-4.67E-05	-1.46E-05	5.16E-05	2.56E-05	-2.12E-05				
66	937.00	1.68E-01	6.09E-02	-2.41E-01	-1.79E+00	-1.63E-01	1.29E+00	1.91E+00	-1.68E+00	-44.14	-1.16E+00	1.26E+00	
	-128.00	3.88E-06	1.44E-06	-5.41E-06	-8.16E-05	-7.40E-06	5.87E-05	4.35E-05	-3.81E-05				
67	1037.00	1.67E+00	3.95E-01	2.88E-01	-1.73E+00	-5.89E-01	1.51E+00	2.88E+00	-8.12E-01	-34.87	3.95E-01	1.73E+00	
	-148.00	2.57E-05	-3.39E-06	-5.81E-06	-7.88E-05	-2.68E-05	6.88E-05	5.31E-05	-3.08E-05				
68	837.00	5.66E-01	5.29E-01	2.54E-01	-1.96E+00	-3.54E-01	1.44E+00	2.50E+00	-1.41E+00	-44.73	5.66E-01	-1.96E+00	
	-68.00	6.95E-06	5.52E-06	-5.05E-06	-1.50E-04	-2.72E-05	1.11E-04	8.15E-05	-6.90E-05				
69	937.00	6.28E-01	-1.30E-01	-6.94E-02	-1.07E+00	-3.59E-01	9.12E-01	1.38E+00	-8.84E-01	-35.22	-1.30E-01	1.07E+00	
	-88.00	1.94E-05	-9.72E-06	-7.37E-06	-8.21E-05	-2.76E-05	7.01E-05	4.84E-05	-3.87E-05				
70	1037.00	3.83E-02	-1.85E-01	-3.01E-01	-1.82E+00	9.81E-02	1.88E+00	1.75E+00	-1.89E+00	-43.24	-1.41E+00	1.24E+00	
	-68.00	6.39E-06	-2.19E-06	-6.66E-06	-1.40E-04	7.55E-06	1.45E-04	7.71E-05	-6.79E-05				
71	962.00	4.21E-01	2.61E-01	2.20E-02	-8.33E-01	-3.05E-01	7.60E-01	1.18E+00	-4.96E-01	-42.26	4.21E-01	-8.33E-01	
	-18.00	8.44E-06	2.30E-06	-6.87E-06	-6.41E-05	-2.35E-05	5.85E-05	3.76E-05	-2.68E-05				
72	1012.00	-1.53E-01	-2.06E-01	-4.18E-01	-8.98E-01	5.04E-02	6.71E-01	7.19E-01	-1.08E+00	-44.14	-1.53E-01	-8.98E-01	
	-18.00	2.68E-06	6.01E-07	-7.55E-06	-6.91E-05	3.88E-06	5.16E-05	3.62E-05	-3.29E-05				
73	1387.00	-1.88E-01	-2.01E-01	-1.97E-01	-1.07E+00	-2.72E-03	6.16E-01	8.76E-01	-1.27E+00	-44.82	-1.88E-01	-1.07E+00	
	-303.00	-9.28E-07	-1.53E-06	-1.35E-06	-9.73E-05	-2.48E-07	5.60E-05	4.74E-05	-4.99E-05				
74	1387.00	-2.92E-02	1.80E-02	-1.35E-01	-1.13E+00	-2.33E-02	6.18E-01	1.13E+00	-1.14E+00	-45.60	-2.92E-02	-1.13E+00	
	-213.00	5.64E-07	2.71E-06	-4.22E-06	-1.03E-04	-2.11E-06	5.62E-05	5.32E-05	-5.00E-05				
75	1387.00	7.56E-03	-8.89E-02	-3.77E-01	-9.37E-01	-7.35E-02	4.09E-01	7.98E-01	-8.79E-01	-43.35	7.56E-03	-8.37E-01	
	-138.00	2.57E-06	3.82E-07	-6.16E-06	-3.80E-05	-3.34E-06	1.84E-05	2.05E-05	-1.76E-05				
76	1107.[illegible]	[illegible]21E-01	2.31E-01	8.97E-03	-1.26E+00	-2.37E-01	[illegible]-01	1.54E+00	-9.87E-01	-43.98	3.21E-01	-1.[illegible]	

	-68.0	[illegible].18E-06	2.72E-06	-5.82E-06	-9.71E-05	-1.82E-05	[illegible]E-05	5.30E-05	-4.41E-05			
77	1387.00	[illegible].85E-01	2.93E-01	-2.61E-02	-6.61E-01	-1.73E-01	[illegible]E-01	1.00E+00	-3.24E-01	-43.01	2.93E-01	6.61E[illegible]
	-88.00	7.64E-06	4.10E-06	-8.16E-06	-5.08E-05	-1.33E-05	3.61E-05	3.14E-05	-1.96E-05			
78	1587.00	6.47E-02	3.81E-02	-2.19E-01	-4.11E-01	2.19E-02	2.30E-01	8.52E-01	-7.59E-01	-44.53	-2.73E-01	7.43E-01
	-68.00	3.76E-06	2.74E-06	-7.13E-06	-6.23E-05	1.69E-06	1.77E-05	3.44E-05	-2.79E-05			
79	1237.00	4.93E-01	1.55E-01	-1.63E-02	-7.01E-01	-2.36E-01	3.83E-01	1.06E+00	-3.72E-01	-39.00	4.93E-01	-7.01E-01
	-18.00	1.16E-05	1.16E-07	-8.01E-06	-5.39E-05	-1.82E-05	2.95E-05	3.34E-05	-2.17E-05			
80	1433.80	2.98E-01	1.17E-01	-1.35E-01	-9.19E-01	-9.10E-02	2.77E-01	1.03E+00	-6.16E-01	-41.64	2.98E-01	-8.19E-01
	-8.00	8.39E-06	1.42E-06	-8.28E-06	-6.30E-05	-7.00E-06	2.13E-05	3.66E-05	-2.68E-05			
81	1533.80	4.88E-01	1.17E-01	-5.19E-02	-4.89E-01	-5.42E-02	1.78E-01	8.25E-01	-2.21E-01	-34.61	1.17E-01	4.89E-01
	-28.00	1.27E-05	-1.59E-06	-9.07E-06	-3.75E-05	-4.94E-06	1.37E-05	2.57E-05	-1.46E-05			
82	1633.80	4.95E-01	1.57E-01	-1.46E-02	-1.70E-01	2.55E-02	2.30E-02	5.66E-01	8.64E-02	-22.59	8.69E-02	1.66E-02
	-8.00	1.20E-05	-9.61E-07	-7.57E-06	-1.31E-05	1.96E-05	1.77E-06	1.48E-05	-3.68E-06			
83	1433.80	2.05E+00	8.52E-01	8.41E-01	-5.46E-01	-5.49E-01	2.17E-01	2.27E+00	6.76E-01	-21.66	8.93E-01	5.46E-01
	27.60	3.73E-05	-7.25E-06	-9.27E-05	-4.20E-05	-4.21E-05	1.67E-05	4.57E-05	-1.56E-05			
84	1296.10	7.23E-01	9.77E-02	-5.90E-03	-5.85E-01	-2.67E-01	2.98E-01	1.07E+00	-2.53E-01	-30.94	4.56E-01	6.62E-01
	40.70	1.88E-05	-5.19E-06	-9.18E-06	-4.50E-05	-2.06E-05	2.29E-05	3.23E-05	-1.87E-05			
85	1148.60	3.19E-01	-1.45E-01	-2.13E-01	-7.60E-01	-2.93E-01	1.17E-01	8.81E-01	-7.08E-01	-36.54	-5.83E-01	-4.27E-01
	57.33	1.27E-05	-5.12E-06	-7.77E-06	-5.85E-05	-2.25E-05	8.97E-06	3.43E-05	-2.68E-05			
86	1131.40	2.60E+00	1.26E+00	1.12E+00	-2.90E-01	-1.03E+00	6.59E-03	2.66E+00	1.20E+00	-11.72	1.26E+00	2.90E-01
	112.00	4.52E-05	-6.30E-06	-1.16E-05	-2.23E-05	-7.95E-05	5.07E-07	4.75E-05	-8.62E-06			
87	1019.80	7.57E-01	3.12E-01	1.09E-01	-8.28E-01	-4.15E-01	1.22E+00	1.39E+00	-3.23E-01	-37.48	3.12E-01	8.28E-01
	34.67	1.62E-05	-9.50E-07	-8.75E-06	-6.37E-05	-3.20E-05	9.40E-05	4.06E-05	-2.54E-05			
88	886.60	3.52E-01	1.36E-01	-6.97E-02	-6.65E-01	-2.02E-01	7.04E-01	9.17E-01	-4.30E-01	-40.38	3.52E-01	-6.65E-01
	46.00	8.94E-06	6.25E-07	-7.27E-06	-5.11E-05	-1.55E-05	5.41E-05	3.07E-05	-2.11E-05			
89	869.80	1.66E+00	7.15E-01	6.13E-01	-3.58E-01	-6.36E-01	1.93E-01	1.78E+00	5.94E-01	-18.62	7.15E-01	3.58E-01
	96.00	3.09E-05	-5.31E-06	-9.22E-06	-2.75E-05	-4.89E-05	1.48E-05	3.56E-05	-9.95E-06			
90	952.60	2.67E-01	-8.03E-01	-5.21E-01	-1.00E+00	-3.06E-01	7.26E-01	8.67E-01	-1.40E+00	-30.94	-1.14E+00	7.30E-01
	128.00	2.19E-05	-1.93E-05	-8.42E-06	-7.70E-05	-2.36E-05	5.59E-05	4.50E-05	-4.24E-05			
91	869.80	4.78E-01	8.00E-02	-4.24E-02	-4.43E-01	-3.28E-01	1.22E-01	7.65E-01	-2.07E-01	-32.90	4.78E-01	-4.43E-01
	160.00	1.27E-05	-2.59E-06	-7.30E-06	-3.41E-05	-2.53E-05	9.35E-06	2.38E-05	-1.36E-05			
92	869.80	2.34E+00	7.76E-01	8.25E-01	-2.52E-01	-1.21E+00	2.78E-01	2.38E+00	7.36E-01	-8.95	7.76E-01	2.52E-01
	203.60	4.66E-05	-1.34E-05	-1.15E-05	-1.94E-05	-9.31E-05	2.14E-05	4.81E-05	-1.50E-05			
93	598.67	-1.13E-01	2.60E-02	-1.07E-01	-1.32E+00	-8.50E-01	1.53E+00	1.27E+00	-1.36E+00	-46.53	2.69E-02	1.32E+00
	16.00	-2.24E-06	3.16E-06	-1.98E-06	-1.01E-04	-6.54E-05	1.18E-04	5.11E-05	-5.02E-05			
94	645.75	2.15E-01	1.43E-01	5.65E-02	-8.45E-01	-3.41E-01	7.22E-01	1.02E+00	-6.67E-01	-43.78	2.15E-01	-8.45E-01
	24.00	3.72E-06	9.35E-07	-2.38E-06	-6.50E-05	-2.62E-05	5.56E-05	3.49E-05	-3.02E-05			
95	613.10	3.08E-01	4.93E-01	3.00E-01	-1.45E+00	-3.55E-01	8.69E-02	1.86E+00	-1.06E+00	-46.82	3.08E-01	-1.45E+00
	69.33	-2.47E-07	6.87E-06	-5.74E-07	-1.12E-04	-2.73E-05	6.69E-06	5.93E-05	-5.27E-05			
96	708.45	4.10E-01	1.07E-01	3.00E-02	-6.79E-01	-3.52E-01	5.49E-01	9.59E-01	-4.34E-01	-38.56	5.27E-01	6.44E-01
	55.00	9.98E-06	-1.93E-06	-4.94E-06	-5.22E-05	-2.70E-05	4.23E-05	3.08E-05	-2.28E-05			
97	613.10	1.20E+00	5.14E-01	4.83E-01	-4.66E-01	-1.17E+00	3.46E-01	1.44E+00	2.78E-01	-26.81	5.14E-01	4.66E-01
	96.00	2.20E-05	-4.39E-06	-5.57E-06	-3.59E-05	-9.00E-05	2.66E-05	3.11E-05	-1.34E-05			
98	682.27	4.54E-01	1.54E-01	6.06E-02	-9.36E-01	-3.59E-01	5.54E-01	1.75E+00	-6.44E-01	-40.46	-5.17E-01	4.74E-01
	112.00	1.01E-05	-1.41E-06	-5.01E-06	-7.20E-05	-2.76E-05	4.26E-05	4.08E-05	-3.21E-05			
99	751.43	1.48E+00	-2.85E-01	2.14E-01	-1.03E+00	-8.42E-01	1.34E+00	1.96E+00	-7.59E-01	-24.69	-2.85E-01	1.03E+00
	96.00	4.16E-05	-2.65E-05	-7.29E-06	-7.94E-05	-6.48E-05	1.03E-04	5.98E-05	-4.47E-05			
100	683.25	3.69E-01	7.52E-02	-3.15E-02	-3.45E-01	-2.77E-01	4.76E-01	5.97E-01	-1.53E-01	-33.46	3.69E-01	-3.45E-01
	152.00	9.66E-06	-1.64E-06	-5.75E-06	-2.65E-05	-2.13E-05	3.66E-05	1.84E-05	-1.04E-05			
101	648.67	2.00E+00	9.21E-01	8.82E-01	-2.10E-01	-7.99E-01	2.75E-01	2.04E+00	8.81E-01	-10.58	9.21E-01	2.10E-01
	192.00	3.52E-05	-6.43E-06	-7.89E-06	-1.61E-05	-6.15E-05	2.11E-05	3.67E-05	-7.93E-06			
102	725.25	3.01E-01	-1.83E-01	-1.89E-01	-3.69E-01	-2.15E-01	3.57E-01	5.00E-01	-3.83E-01	-28.36	4.81E-02	4.41E-01
	232.70	1.24E-05	-6.27E-06	-6.49E-06	-2.84E-05	-1.65E-05	2.75E-05	2.00E-05	-1.39E-05			
103	635.50	3.18E-01	2.94E-01	1.04E-01	1.93E-03	-1.68E-01	-1.55E-01	3.94E-01	3.18E-01	88.53	3.18E-01	1.93E-03
	256.00	3.27E-06	6.18E-06	-4.56E-06	1.49E-07	-1.29E-05	-1.19E-05	6.18E-06	3.27E-06			
104	635.50	7.04E-01	4.86E-01	1.85E-01	3.16E-02	-5.92E-01	2.72E-02	7.09E-01	4.82E-01	8.09	4.86E-01	-3.16E-02
	290.67	1.20E-05	3.58E-06	-7.99E-06	2.43E-06	-4.56E-05	2.09E-06	1.21E-05	3.41E-06			
105	560.00	-2.36E-01	6.53E-03	-5.40E-02	-1.39E+00	-4.59E-01	1.29E+00	1.27E+00	-1.50E+00	-47.51	-2.36E-01	-1.39E+00
	16.50	-5.97E-06	3.37E-06	1.04E-06	-1.06E-04	-3.53E-05	9.96E-05	5.20E-05	-5.46E-05			
106	508.50	-2.94E+00	-1.90E+00	-1.82E+00	-1.00E+00	-1.09E+00	3.79E-01	-1.26E+00	-3.48E+00	-57.63	-1.90E+00	1.00E+00
	13.00	-3.73E-05	-9.71E-07	2.22E-06	-7.69E-05	-8.42E-05	2.92E-05	2.34E-05	-6.17E-05			
107	521.00	-7.72E-01	-3.59E-01	-2.81E-01	-1.36E+00	-3.82E-01	7.09E-01	8.08E-01	-1.94E+00	-49.32	-7.72E-01	-1.36E+00
	15.75	-1.42E-05	1.71E-06	4.70E-06	-1.04E-04	-2.94E-05	5.45E-05	4.66E-05	-5.90E-05			
108	526.25	-6.65E-01	-3.01E-01	-2.50E-01	-1.50E+00	-3.24E-01	7.36E-01	1.02E+00	-1.99E+00	-48.47	-6.65E-01	-1.50E+00

	21.	[illegible].22E-05	1.79E-06	3.74E-06	-1.15E-04	-2.49E-05	[illegible]E-05	5.28E-05	-6.32E-05				
109	51[illegible]	1.76E+00	-1.13E+00	-1.15E+00	-1.55E+00	-7.76E-01	[illegible]E-01	2.86E-01	-3.36E+00	-49.49	-1.19E+00	1.85[illegible]	
	26.00	-2.23E-05	-2.27E-07	3.15E-07	-1.42E-04	-5.97E-05	2.95E-05	6.04E-05	-8.35E-05				
110	531.50	-2.62E-01	-1.63E-01	-1.05E-01	-1.22E+00	-2.29E-01	6.25E-01	1.01E+00	-1.44E+00	-46.15	-2.62E-01	-1.22E+00	
	34.50	-4.24E-06	-4.55E-07	1.77E-06	-9.40E-05	-1.76E-05	4.69E-05	4.47E-05	-4.94E-05				
111	515.50	9.00E-01	1.42E+00	1.05E+00	-3.58E+00	-1.82E-01	-1.64E-01	4.75E+00	-2.43E+00	-47.09	9.00E-01	-3.58E+00	
	44.00	-2.43E-06	1.77E-05	3.23E-06	-2.76E-04	-1.40E-05	-1.26E-05	1.46E-04	-1.30E-04				
112	515.50	3.13E-01	1.69E-01	1.66E-01	-3.23E-01	-4.56E-01	3.12E-01	1.07E+00	-5.92E-01	-42.45	1.65E-01	8.28E-01	
	53.33	4.96E-06	-7.35E-07	-6.83E-07	-6.37E-05	-3.51E-05	2.40E-05	3.41E-05	-2.99E-05				
113	547.50	4.72E-01	-2.32E-01	7.27E-02	-1.31E+00	-2.71E-01	1.39E+00	1.48E+00	-1.23E+00	-37.47	-6.37E-01	1.12E+00	
	64.00	1.47E-05	-1.24E-05	-6.42E-07	-1.01E-04	-2.09E-05	1.07E-04	5.33E-05	-5.09E-05				
114	515.50	1.08E+00	1.26E+00	9.40E-01	-1.50E+00	-1.02E-01	2.83E-01	2.67E+00	-3.30E-01	-46.68	1.08E+00	-1.50E+00	
	74.67	5.54E-06	1.23E-05	1.60E-07	-1.15E-04	-7.82E-06	2.18E-05	6.65E-05	-4.87E-05				
115	515.50	2.16E+00	1.34E+00	1.36E+00	-5.39E-01	-3.50E-01	2.96E-01	2.42E+00	1.07E+00	-26.40	1.34E+00	5.39E-01	
	88.00	2.06E-05	-1.85E-06	-1.13E-06	-4.15E-05	-2.69E-05	2.27E-05	3.99E-05	-1.21E-05				
116	547.50	1.26E+00	1.07E-01	5.08E-01	-1.65E+00	-2.35E-01	1.01E+00	2.43E+00	-1.07E+00	-35.37	-6.03E-01	1.19E+00	
	104.00	2.79E-05	-1.65E-05	-1.07E-06	-1.27E-04	-1.80E-05	7.80E-05	7.29E-05	-6.16E-05				
117	515.50	4.04E-01	4.20E-01	2.49E-01	-1.20E+00	-3.10E-02	4.91E-01	1.61E+00	-7.84E-01	-45.20	4.04E-01	-1.20E+00	
	120.00	3.74E-06	4.38E-06	-2.22E-06	-9.20E-05	-2.39E-06	3.78E-05	5.01E-05	-4.19E-05				
118	515.50	1.46E+00	8.70E-01	8.14E-01	-4.61E-01	-1.90E-01	2.48E-01	1.71E+00	6.18E-01	-28.68	8.70E-01	4.61E-01	
	136.00	2.16E-05	-1.09E-06	-3.25E-06	-3.55E-05	-1.46E-05	1.91E-05	3.13E-05	-1.08E-05				
119	547.50	1.09E+00	3.41E-01	4.63E-01	-1.10E+00	-1.29E-01	5.53E-01	1.88E+00	-4.41E-01	-35.52	-1.30E-01	7.90E-01	
	152.00	2.12E-05	-7.73E-06	-3.06E-06	-8.43E-05	-9.96E-06	4.25E-05	5.13E-05	-3.78E-05				
120	515.50	5.21E-01	4.49E-01	2.33E-01	-7.97E-01	-2.82E-02	2.35E-01	1.28E+00	-3.13E-01	-43.71	5.21E-01	-7.97E-01	
	168.00	6.82E-06	4.06E-06	-4.27E-06	-6.13E-05	-2.17E-06	1.81E-05	3.61E-05	-2.53E-05				
121	515.50	1.93E+00	1.16E+00	1.06E+00	-3.57E-01	-2.23E-01	1.84E-01	2.07E+00	1.02E+00	-21.49	1.16E+00	3.57E-01	
	184.00	2.86E-05	-8.80E-07	-4.96E-06	-2.75E-05	-1.72E-05	1.42E-05	3.40E-05	-6.29E-06				
122	547.50	6.48E-01	-3.66E-01	-5.74E-02	-1.20E+00	-1.19E-01	8.06E-01	1.45E+00	-1.17E+00	-33.59	-8.73E-01	8.25E-01	
	200.00	2.25E-05	-1.65E-05	-4.67E-06	-9.27E-05	-9.19E-06	6.20E-05	5.32E-05	-4.73E-05				
123	515.50	-2.64E-01	-4.42E-01	-5.02E-01	-5.65E-01	6.40E-02	3.05E-01	2.19E-01	-9.24E-01	-40.53	-2.64E-01	-5.65E-01	
	216.00	3.11E-06	-3.72E-06	-6.03E-06	-4.34E-05	4.93E-06	2.35E-05	2.17E-05	-2.23E-05				
124	515.50	5.31E-01	2.54E-01	9.13E-02	-1.38E-01	1.74E-02	1.22E-01	5.88E-01	1.97E-01	-22.42	2.54E-01	1.38E-01	
	232.00	1.08E-05	1.43E-07	-6.12E-06	-1.06E-05	1.34E-06	9.41E-06	1.30E-05	-2.04E-06				
125	547.50	2.10E-01	1.99E-02	-1.18E-01	-2.77E-01	2.48E-02	5.24E-01	4.08E-01	-1.78E-01	-35.54	-9.94E-02	2.00E-01	
	240.00	6.84E-06	-4.68E-07	-5.76E-06	-2.13E-05	1.91E-06	4.03E-05	1.45E-05	-8.09E-06				
126	515.50	-5.31E-01	-7.65E-01	-7.54E-01	7.34E-02	1.47E-01	3.84E-01	-5.10E-01	-7.86E-01	16.07	-5.31E-01	7.34E-02	
	264.00	2.10E-06	-6.88E-06	-6.49E-06	5.64E-06	1.13E-05	2.95E-05	2.92E-06	-7.69E-06				
127	515.50	2.04E-01	7.61E-02	-7.34E-02	-3.92E-02	2.50E-01	7.20E-02	2.15E-01	6.50E-02	-15.79	7.61E-02	3.92E-02	
	276.00	5.57E-06	6.60E-07	-5.09E-06	-3.02E-06	1.93E-05	5.54E-06	5.99E-06	2.34E-07				
128	531.50	-2.89E-01	-1.77E-01	-3.88E-01	-2.43E-02	1.30E-01	4.40E-02	-1.72E-01	-2.94E-01	-78.26	-2.89E-01	-2.43E-02	
	297.00	-1.73E-06	2.58E-06	-5.53E-06	-1.87E-06	1.00E-05	3.39E-06	2.77E-06	-1.93E-06				
129	515.50	-1.08E+00	-8.56E-01	-9.83E-01	2.18E-01	1.38E-01	2.27E-01	-7.23E-01	-1.21E+00	58.62	-1.08E+00	2.18E-01	
	320.00	-9.47E-06	-8.34E-07	-5.73E-06	1.68E-05	1.06E-05	1.74E-05	4.28E-06	-1.46E-05				
183	565.50	-6.07E-02	6.85E-02	1.08E-01	-2.07E+00	-6.01E-01	1.61E+00	2.08E+00	-2.07E+00	-45.89	-6.07E-02	-2.07E+00	
	-8.00	-3.60E-06	1.37E-06	2.87E-06	-1.59E-04	-4.63E-05	1.24E-04	7.86E-05	-8.09E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2300E+02	.1438E+03	-.1414E+02	-.2090E+02	-.4639E+02	.3197E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2961E+01	-.1298E+01	-.5735E+00	-.1960E+02	.1257E+02	.1703E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2505E+01	.4216E+00	-.2535E+00	-.3201E+02	.2758E+02	.3120E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2407E+01	-.3243E+00	-.4721E-01	-.4493E+02	.4398E+02	.4569E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4022E+01	.5047E+00	-.5979E-01	-.5794E+02	.5984E+02	.6155E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2282E+00	.3673E+00	-.2377E+00	-.7760E+02	.7606E+02	.6076E+02
25	-.9040E+01	-.1449E+01	-.4946E-01	-.9654E+02	.8384E+02	.9960E+02
26	.3925E+01	.3784E+00	.6256E-02	-.1046E+03	.8875E+02	.1134E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4719E+02	.9126E+01	-.1608E+01	-.1073E+03	.1231E+03	.1246E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.8152E+03	-.1414E+03	.5550E+01	-.1515E+03	.3310E+03	.1977E+03
40	-.5709E+03	-.8961E+02	-.1327E+01	-.1427E+03	.3266E+03	.1811E+03
41	-.3772E+03	-.5057E+02	-.7291E+01	-.1235E+03	.2961E+03	.1569E+03
42	-.8929E+02	-.6451E+01	-.6908E+01	-.1077E+03	.2102E+03	.1367E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9187E+03	.1207E+03	.5001E+01	-.2405E+02	.3496E+03	-.1055E+03
48	.7976E+03	.1045E+03	.5625E+01	-.4970E+02	.3235E+03	-.7527E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1351E+04	.2056E+03	.6409E+01	.2432E+02	.2397E+03	-.3099E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3729E+01	-.6290E+01	.2956E+00	-.1378E+02	.3439E+03	-.9948E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.9253E+03	.1404E+03	.6355E+01	.5804E+01	.1929E+03	-.2908E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.6481E+03	.9873E+02	.8500E+01	.6696E+01	.1803E+03	-.2825E+03
66	.2174E+03	.3384E+02	.1068E+02	.9821E+01	.1476E+03	-.2943E+03
67	-.4456E+03	-.6586E+02	.1070E+02	.9089E+01	.1137E+03	-.2936E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.7928E+03	-.1181E+03	.8962E+01	-.27[illegible]02	.8376E+02	-.2959E+03
	.8611E+02	.1341E+02	.6153E+01	-.3[illegible]02	.4484E+02	-.3003E+03

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3334E+03	-.4996E+02	.4514E+01	-.4665E+02	-.2420E+01	-.2897E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1409E+03	.2087E+02	.3225E+01	-.6589E+02	-.3107E+02	-.2831E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1952E+03	-.2990E+02	.2877E+01	-.5115E+02	-.7134E+02	-.2613E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1282E+03	.1838E+02	.2403E+01	-.4454E+02	-.9521E+02	-.2383E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1472E+03	-.2326E+02	.2443E+01	-.4500E+02	-.1291E+03	-.2147E+03
109	.8726E+02	.1169E+02	.2103E+01	-.4552E+02	-.1513E+03	-.1855E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1232E+03	-.2016E+02	.2036E+01	-.2664E+02	-.1770E+03	-.1549E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.6372E+02	-.1136E+02	.3767E+00	-.1459E+02	-.1884E+03	-.1229E+03
115	-.2087E+02	-.5029E+01	-.1725E+00	-.3531E+01	-.1898E+03	-.8977E+02
116	-.5953E+02	-.1106E+02	-.7694E+00	.3391E+01	-.1982E+03	-.6943E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6136E+02	-.1144E+02	-.1387E+01	-.5781E+01	-.2035E+03	-.6014E+02
119	-.4298E+02	-.8515E+01	-.2018E+01	.1586E+02	-.1851E+03	-.3603E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1114E+03	-.1434E+02	-.6727E+01	.1394E+02	-.1595E+03	-.2002E+02
122	-.9400E+02	-.6655E+01	-.1112E+02	-.5439E+01	-.1539E+03	-.1894E+02
123	-.7128E+02	-.4345E+01	-.9821E+01	-.3808E+01	-.1344E+03	-.1704E+02
124	-.5197E+02	-.3079E+01	-.6774E+01	-.2681E+01	-.1107E+03	-.1550E+02
125	-.3405E+02	-.1475E+01	-.4967E+01	-.1747E+01	-.9146E+02	-.1404E+02
126	-.1042E+02	.2214E+01	-.4626E+01	-.5543E+00	-.7688E+02	-.1247E+02
127	.6951E+01	.5114E+01	-.4718E+01	.2564E+00	-.6563E+02	-.1049E+02
128	.2466E+02	.7486E+01	-.4494E+01	.2173E+01	-.4263E+02	-.8246E+01
129	.2492E+02	.6478E+01	-.3760E+01	.3043E+01	-.2415E+02	-.6291E+01
130	.1729E+02	.3962E+01	-.2737E+01	.3199E+01	-.1064E+02	-.4947E+01
131	.4537E+01	.7112E+00	-.1831E+01	.2770E+01	-.3444E+01	-.4137E+01
132	-.5153E+00	-.3285E+00	-.1347E+01	.1811E+01	-.3858E+01	-.3586E+01
133	-.8903E+00	-.2736E+00	-.1238E+01	.1237E+01	-.4554E+01	-.3029E+01
134	-.2455E+00	-.7884E-01	-.1239E+01	.9446E+00	-.3925E+01	-.2386E+01
135	-.1524E-02	-.4414E-02	-.1332E+01	.7226E+00	-.2774E+01	-.1758E+01
136	.5559E-02	-.7312E-02	-.1851E+01	.5073E+00	-.1793E+01	-.1172E+01
137	.3631E-01	.1217E-01	-.2910E+01	.3536E+00	-.8086E+00	-.6408E+00
138	-.1568E-01	-.6491E-01	-.4867E+02	.2358E+00	.2140E+00	-.3211E+00
139	-.4751E-01	-.7700E-01	.1659E+02	.3753E-01	-.1152E+00	.1163E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.37428E-01	.70564E-03	-.37465E-01	.00000E+00
3	.68440E-01	.70521E-03	-.68467E-01	.00000E+00
4	.74331E-01	.69509E-03	-.74270E-01	.00000E+00
5	.00384E-01	.39381E-04	-.80415E-01	.00000E+00
6	.91136E-01	-.15243E-04	-.91125E-01	.14571E-04
7	.83490E-01	.13319E-02	-.84569E-01	.00000E+00
8	.91328E-01	.10135E-02	-.91691E-01	.28174E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.37146E-01	.38394E-03	-.37501E-01	.00000E+00
11	.68929E-01	.82252E-03	-.69900E-01	.00000E+00
12	.76981E-01	.93159E-03	-.78124E-01	.00000E+00
13	.83469E-01	.72351E-03	-.84028E-01	.00000E+00
14	.91954E-01	.97292E-03	-.93186E-01	.74142E-05
15	.84656E-01	.18581E-02	-.89231E-01	.00000E+00
16	.92791E-01	.15527E-02	-.95644E-01	-.43385E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.37553E-01	.52004E-03	-.39013E-01	.00000E+00
19	.70313E-01	.98747E-03	-.73368E-01	.00000E+00
20	.78773E-01	.12298E-02	-.82379E-01	.00000E+00
21	.85546E-01	.76721E-03	-.88828E-01	.00000E+00
22	.93923E-01	.89197E-03	-.99077E-01	.19040E-05
23	.87930E-01	.26688E-02	-.96025E-01	.00000E+00
24	.95334E-01	.22559E-02	-.10358E+00	.28912E-04
25	.96319E-01	.29563E-02	-.10650E+00	-.75804E-06
26	.96892E-01	.27465E-02	-.10822E+00	-.12513E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.37735E-01	.99295E-03	-.40284E-01	.00000E+00
29	.72084E-01	.18510E-02	-.76824E-01	.00000E+00
30	.90644E-01	.21055E-02	-.87370E-01	.00000E+00
31	.88607E-01	.26301E-02	-.97370E-01	.00000E+00
32	.97502E-01	.31420E-02	-.11013E+00	.79663E-04
33	.88417E-01	.40137E-02	-.97388E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.37531E-01	.15176E-02	-.40345E-01	.00000E+00
36	.72737E-01	.22944E-02	-.77609E-01	.00000E+00
37	.81606E-01	.25469E-02	-.87033E-01	.00000E+00
38	.91116E-01	.31755E-02	-.10099E+00	.00000E+00
39	.98593E-01	.44100E-02	-.11340E+00	-.58275E-04
40	.98404E-01	.47534E-02	-.11264E+00	-.69988E-05
41	.98224E-01	.46203E-02	-.11194E+00	.28933E-04
42	.97936E-01	.40528E-02	-.11114E+00	.63899E-04
43	.81042E-01	.33713E-02	-.85215E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.35304E-01	-.42152E-03	-.36850E-01	.00000E+00
46	.72852E-01	.19413E-02	-.74460E-01	.00000E+00
47	.98684E-01	.39469E-02	-.11369E+00	-.51080E-04
48	.98657E-01	.41714E-02	-.11366E+00	-.78481E-04
49	.91023E-01	.33211E-02	-.10013E+00	.00000E+00
50	.99605E-01	.41576E-02	-.11409E+00	-.22663E-03
51	.92034E-01	.37267E-02	-.97851E-01	.00000E+00
52	.10322E+00	.36407E-02	-.10734E+00	.00000E+00
53	.98753E-01	.36584E-02	-.11382E+00	-.10569E-04
54	.80464E-01	.19452E-02	-.79433E-01	.00000E+00
55	.90765E-01	.31350E-02	-.87795E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.30403E-01	.32244E-02	-.27123E-01	.00000E+00
	.65345E-01	.18071E-02	-.52161E-01	.00000E+00
	.10533E+00	.26040E-02	-.10173E+00	.00000E+00
	.10353E+00	.34370E-02	-.10432E+00	.00000E+00

[illegible]	.10043E+00	.41751E-02	-.11437E+00	[illegible]29E-03
[illegible]	.76750E-01	.95469E-03	-.63046E-01	[illegible]000E+00
63	.69355E-01	.68164E-03	-.74005E-01	.00000E+00
64	.10534E+00	.35540E-02	-.10983E+00	.00000E+00
65	.10166E+00	.41336E-02	-.11463E+00	-.43231E-03
66	.10457E+00	.41345E-02	-.11516E+00	-.52450E-03
67	.10772E+00	.41363E-02	-.11574E+00	-.40963E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.23984E-01	-.46517E-03	-.16461E-01	.00000E+00
70	.69200E-01	.93196E-04	-.53057E-01	.00000E+00
71	.10290E+00	.38410E-03	-.87507E-01	.00000E+00
72	.10824E+00	.32625E-02	-.10910E+00	.00000E+00
73	.85217E-01	.21965E-03	-.61200E-01	.00000E+00
74	.11486E+00	.32704E-02	-.11395E+00	.00000E+00
75	.11039E+00	.41397E-02	-.11625E+00	-.37979E-03
76	.11397E+00	.43014E-02	-.11723E+00	-.26526E-03
77	.98013E-01	-.58293E-03	-.74063E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.28718E-01	.69189E-03	-.21813E-01	.00000E+00
80	.66238E-01	-.85522E-03	-.47187E-01	.00000E+00
81	.73303E-01	-.10184E-02	-.51548E-01	.00000E+00
82	.82043E-01	-.15164E-02	-.61302E-01	.00000E+00
83	.11469E+00	-.35949E-04	-.97176E-01	.00000E+00
84	.10811E+00	-.11332E-02	-.82660E-01	.00000E+00
85	.11803E+00	.43314E-02	-.11845E+00	-.21187E-03
86	.11906E+00	.33659E-02	-.11726E+00	.00000E+00
87	.98809E-01	-.10522E-02	-.70570E-01	.00000E+00
88	.11930E+00	.23331E-02	-.10844E+00	.00000E+00
89	.12082E+00	.44707E-02	-.11966E+00	-.17027E-03
90	.76345E-01	-.55096E-03	-.39822E-01	.00000E+00
91	.81815E-01	-.10510E-02	-.43679E-01	.00000E+00
92	.87638E-01	.13497E-03	-.46671E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.33137E-01	.00000E+00	-.17136E-01	.00000E+00
95	.60739E-01	.00000E+00	-.30440E-01	.00000E+00
96	.69525E-01	.00000E+00	-.34772E-01	.00000E+00
97	.72625E-01	.00000E+00	-.34543E-01	.00000E+00
98	.71430E-01	.00000E+00	-.33676E-01	.00000E+00
99	.77915E-01	.25287E-03	-.36889E-01	.00000E+00
100	.95690E-01	.13444E-03	-.54694E-01	.00000E+00
101	.11511E+00	.99323E-03	-.83164E-01	.00000E+00
102	.12514E+00	.46073E-02	-.12139E+00	-.15311E-03
103	.12024E+00	.81735E-03	-.10003E+00	.00000E+00
104	.12694E+00	.40351E-02	-.12147E+00	.00000E+00
105	.12814E+00	.46338E-02	-.12289E+00	-.13220E-03
106	.12565E+00	.96291E-03	-.10937E+00	.00000E+00
107	.13191E+00	.43011E-02	-.12355E+00	.00000E+00
108	.13161E+00	.47728E-02	-.12428E+00	-.12628E-03
109	.13410E+00	.48326E-02	-.12543E+00	-.10698E-03
110	.13269E+00	.47145E-02	-.11541E+00	.00000E+00
111	.13734E+00	.53339E-02	-.12706E+00	.00000E+00
112	.13601E+00	.48380E-02	-.12641E+00	-.95756E-04
113	.13620E+00	.38410E-02	-.12007E+00	.00000E+00
114	.13932E+00	.48339E-02	-.12712E+00	-.35436E-04
115	.13893E+00	.49087E-02	-.12766E+00	-.99822E-05
116	.13895E+00	.46774E-02	-.12789E+00	.10407E-04
117	.13814E+00	.55850E-02	-.12956E+00	.00000E+00
118	.13953E+00	.46502E-02	-.12798E+00	.25725E-04
119	.13791E+00	.45457E-02	-.12805E+00	.45880E-04
120	.13937E+00	.49573E-02	-.12965E+00	.00000E+00
121	.13645E+00	.44353E-02	-.12795E+00	.80490E-04
122	.13629E+00	.37521E-02	-.12810E+00	.97315E-04
123	.13504E+00	.31316E-02	-.12821E+00	.11054E-03
124	.13576E+00	.24154E-02	-.12833E+00	.12569E-03

125	.13536E+00	.15150E-02	-.12845E+00	.14360E-03
126	.13464E+00	.31106E-04	-.12864E+00	.16423E-03
127	.13345E+00	-.15456E-02	-.12883E+00	.15479E-03
128	.13232E+00	-.50495E-02	-.12921E+00	.13543E-03
129	.13129E+00	-.75245E-02	-.12955E+00	.88089E-04
130	.13070E+00	-.90665E-02	-.12993E+00	.32944E-04
131	.13077E+00	-.90155E-02	-.13051E+00	-.26095E-04
132	.13130E+00	-.73379E-02	-.13102E+00	-.41339E-04
133	.13177E+00	-.56452E-02	-.13146E+00	-.33700E-04
134	.13206E+00	-.43572E-02	-.13182E+00	-.25978E-04
135	.13225E+00	-.32943E-02	-.13212E+00	-.23181E-04
136	.13239E+00	-.22670E-02	-.13233E+00	-.23486E-04
137	.13247E+00	-.12636E-02	-.13246E+00	-.23176E-04
138	.13253E+00	-.19243E-03	-.13253E+00	-.24533E-04
139	.13253E+00	-.23727E-04	-.13253E+00	-.23810E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.98E-02	1.14E-01	1.14E-02	4.56E+00	1.36E-02	-4.60E+00	4.63E+00	-4.50E+00	45.29	1.98E-02	4.56E+00
	-303.00	-9.79E-07	3.28E-06	-1.36E-06	4.15E-04	1.24E-06	-4.19E-04	2.09E-04	-2.06E-04			
2	72.00	6.39E-02	1.63E-01	-5.82E-02	3.85E+00	-2.94E-03	-3.96E+00	3.96E+00	-3.74E+00	45.37	6.39E-02	3.85E+00
	-213.00	7.18E-07	5.21E-06	-4.83E-06	3.50E-04	-2.67E-07	-3.60E-04	1.78E-04	-1.72E-04			
3	72.00	6.34E-01	1.91E-01	-1.56E-01	2.58E+00	-2.52E-01	-2.80E+00	3.01E+00	-2.18E+00	42.55	6.34E-01	2.58E+00
	-138.00	1.09E-05	8.33E-07	-7.06E-06	1.17E-04	-1.15E-05	-1.27E-04	6.48E-05	-5.31E-05			
4	24.00	3.01E+00	1.52E+00	2.01E+00	4.84E+00	-8.10E-01	-5.30E+00	7.19E+00	-2.59E+00	40.85	3.01E+00	4.84E+00
	-68.00	4.30E-05	-1.13E-05	4.60E-06	3.72E-04	-6.23E-05	-4.08E-04	2.04E-04	-1.72E-04			
5	72.00	-9.55E-01	-4.76E-01	-1.15E+00	2.12E+00	8.33E-02	-2.26E+00	1.42E+00	-2.85E+00	48.21	-4.78E-01	-2.12E+00
	-88.00	-8.32E-06	1.00E-05	-1.59E-05	1.63E-04	6.41E-06	-1.74E-04	8.28E-05	-8.12E-05			
6	120.00	-5.10E-01	-5.08E-01	-7.54E-01	4.11E+00	2.22E-01	-4.06E+00	3.60E+00	-4.62E+00	45.01	3.53E+00	-7.40E-01
	-68.00	-1.47E-07	-6.41E-08	-9.53E-06	3.16E-04	1.70E-05	-3.12E-04	1.58E-04	-1.58E-04			
7	36.25	1.15E+00	4.53E-01	2.88E-01	2.30E+00	-3.02E-01	-2.21E+00	3.13E+00	-1.53E+00	40.70	1.07E+00	2.31E+00
	-19.00	2.34E-05	-3.35E-06	-9.68E-06	1.77E-04	-2.32E-05	-1.70E-04	9.95E-05	-7.95E-05			
8	108.00	-1.20E-01	-2.35E-01	-4.09E-01	1.78E+00	9.37E-03	-1.95E+00	1.60E+00	-1.96E+00	44.07	-1.20E-01	1.78E+00
	-19.00	3.79E-06	-6.47E-07	-7.34E-06	1.37E-04	7.21E-07	-1.50E-04	7.01E-05	-6.69E-05			
9	216.00	2.22E-01	3.01E-01	1.44E-01	4.57E+00	-3.46E-02	-4.69E+00	4.83E+00	-4.31E+00	45.25	2.22E-01	4.57E+00
	-303.00	1.41E-06	5.02E-06	-2.10E-06	4.15E-04	-3.15E-06	-4.26E-04	2.11E-04	-2.05E-04			
10	216.00	3.34E-01	3.08E-01	4.89E-02	3.96E+00	-1.16E-01	-4.11E+00	4.28E+00	-3.63E+00	44.91	3.34E-01	3.96E+00
	-213.00	6.22E-06	5.03E-06	-6.76E-06	3.60E-04	-1.05E-05	-3.74E-04	1.85E-04	-1.74E-04			
11	216.00	6.11E-01	2.54E-01	-3.22E-01	3.06E+00	-3.66E-01	-3.26E+00	3.50E+00	-2.64E+00	43.33	6.11E-01	3.06E+00
	-138.00	1.10E-05	2.53E-06	-1.02E-05	1.39E-04	-1.67E-05	-1.48E-04	7.67E-05	-6.27E-05			
12	168.00	1.38E+00	1.18E+00	7.79E-01	4.68E+00	-6.71E-01	-4.82E+00	5.96E+00	-3.40E+00	44.38	1.38E+00	4.68E+00
	-68.00	1.65E-05	8.71E-06	-6.83E-06	3.60E-04	-5.16E-05	-3.71E-04	1.93E-04	-1.67E-04			
13	216.00	-1.30E+00	-4.73E-01	-1.32E+00	1.91E+00	-2.27E-02	-1.98E+00	1.07E+00	-2.84E+00	51.09	-4.73E-01	-1.91E+00
	-88.00	-1.60E-05	1.57E-05	-1.67E-05	1.47E-04	-1.75E-06	-1.52E-04	7.50E-05	-7.52E-05			
14	264.00	-2.91E-03	-4.53E-01	-6.80E-01	4.01E+00	6.98E-02	-4.12E+00	3.79E+00	-4.25E+00	43.40	3.68E+00	-9.45E-01
	-68.00	1.24E-05	-4.95E-06	-1.37E-05	3.09E-04	5.37E-06	-3.17E-04	1.58E-04	-1.51E-04			
15	180.00	4.69E-01	9.12E-02	-1.92E-01	2.02E+00	-4.53E-01	-1.95E+00	2.30E+00	-1.74E+00	42.33	4.69E-01	2.02E+00
	-19.00	1.40E-05	-5.35E-07	-1.14E-05	1.55E-04	-3.48E-05	-1.50E-04	8.46E-05	-7.11E-05			
16	252.00	2.52E-01	-1.15E-01	-4.98E-01	1.69E+00	-1.72E-01	-2.04E+00	1.75E+00	-1.65E+00	41.57	2.52E-01	1.69E+00
	-19.00	1.41E-05	-1.56E-06	-1.48E-05	1.30E-04	-1.32E-05	-1.57E-04	7.18E-05	-5.92E-05			
17	361.00	2.89E-01	4.60E-01	2.14E-01	4.62E+00	-1.73E-02	-4.86E+00	4.99E+00	-4.25E+00	45.53	2.89E-01	4.62E+00
	-303.00	6.24E-07	8.41E-06	-2.78E-06	4.20E-04	-1.58E-06	-4.42E-04	2.14E-04	-2.05E-04			
18	361.00	4.06E-01	4.21E-01	7.88E-02	4.15E+00	-8.81E-02	-4.37E+00	4.56E+00	-3.74E+00	45.05	4.06E-01	4.15E+00
	-213.00	6.69E-06	7.36E-06	-8.17E-06	3.77E-04	-8.01E-06	-3.97E-04	1.96E-04	-1.82E-04			
19	361.00	6.83E-01	3.14E-01	-4.18E-01	3.25E+00	-3.60E-01	-3.68E+00	3.76E+00	-2.76E+00	43.39	6.83E-01	3.25E+00
	-138.00	1.25E-05	4.14E-06	-1.26E-05	1.48E-04	-1.64E-05	-1.67E-04	8.23E-05	-6.57E-05			
20	312.00	[illegible]43E+00	1.79E+00	1.27E+00	5.26E+00	-1.15E+00	-5.80E+00	7.38E+00	-3.16E+00	43.27	2.43E+00	5.26E+00
	-68.00	[illegible]31E-05	8.56E-06	-1.15E-05	4.05E-04	-8.84E-05	[illegible]-04	2.24E-04	-1.82E-04			
21	360.	[illegible]12E+00	-1.12E+00	-1.98E+00	2.47E+00	1.24E-01	[illegible]+00	8.95E-01	-4.14E+00	50.73	-1.12E+00	-2.47[illegible]

	-88.00	[illegible]3E-05	1.42E-05	-1.86E-05	1.90E-04	9.55E-06	[illegible]-04	9.1[illegible]E-05	-1.02E-04				
22	409.33	[illegible]26E+00	1.72E+00	5.02E-01	5.02E+00	-2.27E-02	-[illegible]+00	6.52E+00	-3.54E+00	46.31	6.45E+00	-8.13E-	
	-68.00	9.16E-05	2.69E-05	-1.64E-05	3.86E-04	-1.75E-06	-4.83E-04	2.11E-04	-1.75E-04				
23	324.00	9.32E-01	1.82E-01	-2.50E-01	2.04E+00	-4.08E-01	-2.06E+00	2.65E+00	-1.54E+00	39.85	9.32E-01	2.09E+00	
	-19.00	2.64E-05	-2.48E-06	-1.91E-05	1.50E-04	-6.22E-05	-1.59E-04	9.26E-05	-6.87E-05				
24	372.00	5.20E-01	-4.32E-01	-7.57E-01	5.45E+00	-7.69E-01	-5.83E+00	5.52E+00	-5.43E+00	42.50	5.20E-01	5.45E+00	
	-9.33	2.74E-05	-9.28E-06	-2.18E-05	4.19E-04	-5.91E-05	-4.48E-04	2.20E-04	-2.01E-04				
25	401.25	2.67E-01	-5.32E-02	-7.84E-01	1.79E+00	-2.58E-01	-2.40E+00	1.90E+00	-1.65E+00	42.44	-1.42E+00	9.37E-01	
	-19.00	1.65E-05	4.22E-06	-2.39E-05	1.37E-04	-1.99E-05	-1.84E-04	7.94E-05	-5.86E-05				
26	427.67	2.48E+00	2.15E+00	1.11E+00	6.10E+00	-1.04E+00	-8.23E+00	8.42E+00	-3.78E+00	44.26	6.06E+00	4.83E+00	
	-9.33	3.21E-05	2.00E-05	-2.05E-05	4.69E-04	-8.02E-05	-6.33E-04	2.61E-04	-2.09E-04				
27	457.00	3.38E-01	6.54E-01	3.23E-01	4.66E+00	2.50E-02	-4.94E+00	5.16E+00	-4.15E+00	46.09	3.38E-01	4.66E+00	
	-303.00	-2.22E-06	1.39E-05	-2.93E-06	4.24E-04	2.27E-06	-4.49E-04	2.10E-04	-2.06E-04				
28	457.00	3.61E-01	4.54E-01	7.36E-02	4.37E+00	-1.10E-02	-4.55E+00	4.77E+00	-3.96E+00	45.30	3.61E-01	4.37E+00	
	-213.00	4.88E-06	9.08E-06	-8.19E-06	3.97E-04	-9.97E-07	-4.14E-04	2.05E-04	-1.91E-04				
29	457.00	1.10E+00	5.11E-01	-1.98E-01	3.41E+00	1.55E-01	-3.77E+00	4.22E+00	-2.61E+00	42.54	1.10E+00	3.41E+00	
	-138.00	1.75E-05	4.22E-06	-1.19E-05	1.55E-04	7.05E-06	-1.71E-04	8.86E-05	-6.68E-05				
30	442.00	1.15E+00	2.64E+00	9.63E-01	5.88E+00	1.88E-01	-6.57E+00	7.83E+00	-4.03E+00	48.60	1.15E+00	5.88E+00	
	-68.00	-7.94E-06	4.93E-05	-1.52E-05	4.53E-04	1.45E-05	-5.05E-04	2.49E-04	-2.07E-04				
31	457.33	-6.09E+00	-3.26E+00	-4.53E+00	2.07E+00	3.27E+00	-3.49E+00	-2.34E+00	-7.91E+00	65.96	-3.26E+00	-2.07E+00	
	-88.00	-1.06E-04	3.69E-05	-1.19E-05	1.59E-04	2.52E-04	-2.68E-04	7.24E-05	-1.42E-04				
32	472.67	1.13E+01	9.32E+00	7.86E+00	5.10E+00	-1.98E+00	-8.36E+00	1.55E+01	5.13E+00	39.43	1.44E+01	3.24E+00	
	-68.00	1.23E-04	4.54E-05	-1.15E-05	3.92E-04	-1.52E-04	-6.43E-04	2.84E-04	-1.16E-04				
33	443.00	1.05E+00	7.88E-01	-1.59E-01	2.99E+00	-3.57E-01	-3.20E+00	3.91E+00	-2.07E+00	43.73	1.05E+00	2.99E+00	
	-19.50	2.20E-05	1.18E-05	-2.46E-05	2.30E-04	-2.75E-05	-2.46E-04	1.32E-04	-9.82E-05				
34	454.00	9.06E+00	6.70E+00	5.59E+00	7.68E+00	-2.33E+00	-1.04E+01	1.57E+01	1.15E-01	40.63	1.21E+01	6.52E+00	
	-11.33	1.14E-04	2.32E-05	-1.98E-05	5.91E-04	-1.79E-04	-8.02E-04	3.67E-04	-2.30E-04				
35	461.67	2.15E+00	2.67E+00	1.22E+00	7.28E+00	-5.84E-01	-1.08E+01	9.70E+00	-4.88E+00	46.01	2.15E+00	7.28E+00	
	-12.00	1.64E-05	3.62E-05	-1.94E-05	5.60E-04	-4.49E-05	-8.30E-04	3.07E-04	-2.54E-04				
36	460.00	-5.52E+00	-2.14E+00	-3.83E+00	7.09E-01	2.90E+00	-4.30E+00	-2.00E+00	-5.66E+00	78.60	-2.14E+00	-7.09E-01	
	-30.00	-8.59E-05	4.38E-05	-2.11E-05	5.45E-05	2.23E-04	-3.30E-04	4.93E-05	-9.14E-05				
37	476.33	4.16E+00	5.66E+00	3.17E+00	4.95E+00	-6.29E-01	-8.87E+00	9.92E+00	-9.64E-02	49.31	6.15E+00	4.95E+00	
	-12.00	1.72E-05	7.49E-05	-2.07E-05	3.81E-04	-4.84E-05	-6.82E-04	2.39E-04	-1.46E-04				
38	558.50	-2.95E-01	3.89E-03	-1.73E-01	4.39E+00	1.44E-01	-4.72E+00	4.24E+00	-4.53E+00	45.95	-2.86E-01	4.38E+00	
	-303.00	-7.09E-06	6.09E-06	-1.95E-06	3.98E-04	1.31E-05	-4.29E-04	1.99E-04	-2.00E-04				
39	558.50	1.10E-01	6.42E-01	1.51E-01	4.37E+00	2.86E-01	-4.60E+00	4.75E+00	-4.00E+00	46.74	1.10E-01	4.37E+00	
	-213.00	-6.73E-06	1.74E-05	-4.85E-06	3.97E-04	2.60E-05	-4.18E-04	2.04E-04	-1.93E-04				
40	506.17	-6.52E-04	1.48E+00	-1.08E-01	9.78E+00	7.21E-01	-9.80E+00	1.05E+01	-9.07E+00	47.16	-6.52E-04	9.78E+00	
	-128.00	-7.18E-06	2.64E-05	-9.63E-06	4.45E-04	3.28E-05	-4.45E-04	2.33E-04	-2.13E-04				
41	558.50	-2.82E+00	9.85E-01	-7.15E-01	4.21E+00	2.45E+00	-5.99E+00	3.70E+00	-5.53E+00	57.17	9.85E-01	-4.21E+00	
	-148.00	-5.07E-05	3.58E-05	-2.88E-06	1.91E-04	1.12E-04	-2.72E-04	9.74E-05	-1.12E-04				
42	610.83	5.29E-01	1.68E+00	5.13E-01	8.48E+00	1.68E+00	-7.66E+00	9.60E+00	-7.39E+00	46.95	9.44E+00	-1.67E+00	
	-128.00	-2.27E-06	2.40E-05	-2.63E-06	3.85E-04	7.63E-05	-3.48E-04	2.04E-04	-1.82E-04				
43	501.38	-7.69E-01	-2.02E-01	-9.07E-01	2.22E+00	8.65E-01	-2.80E+00	1.75E+00	-2.72E+00	48.64	-7.69E-01	2.22E+00	
	-78.00	-8.94E-06	1.29E-05	-1.42E-05	1.71E-04	6.66E-05	-2.16E-04	8.80E-05	-8.40E-05				
44	534.67	1.34E+00	1.23E+00	7.43E-01	7.03E+00	5.15E-01	-8.79E+00	8.31E+00	-5.74E+00	44.79	8.19E+00	-1.27E+00	
	-68.00	1.50E-05	1.10E-05	-7.81E-06	5.40E-04	3.96E-05	-6.76E-04	2.83E-04	-2.57E-04				
45	584.67	-1.31E+00	-6.74E-01	-1.05E+00	6.79E+00	1.76E+00	-6.11E+00	5.81E+00	-7.79E+00	46.33	-1.31E+00	6.79E+00	
	-68.00	-1.69E-05	7.41E-06	-7.14E-06	5.23E-04	1.35E-04	-4.70E-04	2.57E-04	-2.66E-04				
46	610.83	-6.82E+00	-1.80E+00	-3.37E+00	3.66E+00	3.27E+00	-4.92E+00	1.28E-01	-8.76E+00	62.21	-1.80E+00	-3.66E+00	
	-88.00	-1.31E-04	6.24E-05	2.34E-06	2.82E-04	2.51E-04	-3.78E-04	1.37E-04	-2.05E-04				
47	482.63	-3.53E-01	1.41E-01	-1.00E+00	1.61E+00	8.75E-01	-3.21E+00	1.52E+00	-1.73E+00	49.36	-3.53E-01	1.61E+00	
	-21.00	-1.90E-07	1.88E-05	-2.53E-05	1.24E-04	6.73E-05	-2.47E-04	7.16E-05	-5.32E-05				
48	485.83	1.66E+00	2.47E+00	9.63E-01	4.69E+00	1.20E-01	-9.88E+00	6.77E+00	-2.65E+00	47.46	2.27E+00	4.70E+00	
	-12.00	7.80E-06	3.82E-05	-1.87E-05	3.61E-04	9.25E-06	-7.60E-04	2.04E-04	-1.58E-04				
49	507.88	-5.53E-02	-2.89E-01	-9.43E-01	1.76E+00	5.24E-01	-3.52E+00	1.59E+00	-1.94E+00	43.10	-5.53E-02	1.76E+00	
	-21.00	1.20E-05	3.02E-06	-2.21E-05	1.35E-04	4.03E-05	-2.71E-04	7.53E-05	-6.03E-05				
50	538.67	1.30E+00	5.06E-01	3.35E-01	6.26E+00	2.32E+00	-7.66E+00	7.18E+00	-5.37E+00	43.19	7.10E+00	-1.00E+00	
	-10.00	2.65E-05	-4.01E-06	-1.07E-05	4.82E-04	1.78E-04	-5.89E-04	2.53E-04	-2.30E-04				
51	484.67	-2.09E+01	-1.45E+01	-1.53E+01	-4.35E-01	1.64E+00	-1.04E+00	-1.45E+01	-2.10E+01	-86.14	-1.45E+01	4.35E-01	
	8.00	-2.47E-04	-6.25E-07	-3.10E-05	-3.35E-05	1.26E-04	-8.01E-05	5.04E-07	-2.49E-04				
52	507.00	5.36E+00	6.41E+00	3.83E+00	3.57E+00	1.06E+00	2.98E+00	9.49E+00	2.27E+00	49.18	8.73E+00	2.21E+00	
	9.00	3.47E-05	7.50E-05	-2.40E-05	2.75E-04	8.19E-05	2.29E-04	1.94E-04	-8.39E-05				
53	603.00	1.73E-01	-8.70E-02	3.48E-02	2.66E+00	1.17E+00	-2.48E+00	2.71E+00	-2.62E+00	43.60	-1.52E+00	2.16E+00	

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	-18.00	5.33E-04	-4.67E-05	1.22E-09	2.09E-04	3.54E-05	-1.91E-04	1.03E-04	-1.02E-04				
54	712.00	-3.66E-01	2.34E-01	6.62E-03	4.15E+00	3.50E-01	-3.02E+00	1.15E+00	-4.16E+00	47.42	-3.66E-01	4.15E+00	
	-303.00	-1.63E-05	1.56E-05	6.05E-07	3.77E-04	3.16E-05	-3.56E-04	1.89E-04	-1.90E-04				
55	712.00	-2.29E+00	-1.27E+00	-1.28E+00	4.56E+00	1.12E+00	-3.85E+00	2.91E+00	-6.37E+00	48.21	-2.29E+00	4.56E+00	
	-213.00	-4.14E-05	5.25E-06	4.67E-06	4.14E-04	1.02E-04	-3.50E-04	1.90E-04	-2.27E-04				
56	712.00	-2.91E+00	-1.51E+00	-7.89E-01	3.48E+00	2.63E+00	-2.96E+00	1.34E+00	-5.76E+00	50.66	-2.91E+00	3.48E+00	
	-138.00	-3.87E-05	-7.07E-06	9.39E-06	1.58E-04	1.20E-04	-1.34E-04	5.77E-05	-1.04E-04				
57	712.00	-7.55E-01	3.07E-03	8.85E-02	2.18E+00	1.03E+00	-2.24E+00	1.84E+00	-2.59E+00	49.93	-7.55E-01	2.18E+00	
	-78.00	-2.17E-05	7.41E-06	1.07E-05	1.68E-04	8.32E-05	-1.60E-04	7.90E-05	-9.23E-05				
58	712.00	-1.01E+00	-7.52E-01	-2.66E-01	2.94E+00	9.71E-01	-2.79E+00	2.07E+00	-3.82E+00	46.24	-1.01E+00	2.94E+00	
	-18.00	-1.65E-05	-6.67E-06	1.20E-05	2.26E-04	7.47E-05	-2.14E-04	1.02E-04	-1.25E-04				
59	837.00	-1.18E+01	-6.55E+00	-7.34E+00	3.48E+00	1.99E+00	-3.32E+00	-4.82E+00	-1.35E+01	63.51	-6.55E+00	-3.48E+00	
	-318.00	-2.03E-04	3.59E-05	.00E+00	3.16E-04	1.81E-04	-3.01E-04	1.15E-04	-2.82E-04				
60	887.00	-1.70E+00	-2.01E-01	-7.62E-01	9.31E+00	7.82E-01	-7.34E+00	8.39E+00	-1.03E+01	47.31	7.61E+00	-3.72E+00	
	-288.00	-4.28E-05	2.55E-05	.00E+00	8.46E-04	7.11E-05	-6.67E-04	4.16E-04	-4.33E-04				
61	987.00	2.06E+00	1.36E+00	1.37E+00	9.47E+00	-3.93E-01	-6.69E+00	1.12E+01	-7.77E+00	43.94	2.06E+00	9.47E+00	
	-288.00	3.16E-05	-4.27E-07	.00E+00	8.61E-04	-3.57E-05	-6.08E-04	4.46E-04	-4.15E-04				
62	1037.00	-1.18E+01	-7.12E+00	-7.55E+00	6.95E+00	1.60E+00	-5.33E+00	-2.11E+00	-1.68E+01	54.24	-7.12E+00	-6.95E+00	
	-318.00	-1.91E-04	1.98E-05	.00E+00	6.32E-04	1.45E-04	-4.85E-04	2.47E-04	-4.19E-04				
63	862.00	-2.62E-01	-1.79E-01	1.82E-01	4.70E+00	2.30E-01	-3.78E+00	4.48E+00	-4.92E+00	45.25	-2.62E-01	4.70E+00	
	-213.00	-8.55E-06	-4.77E-06	1.16E-05	4.27E-04	2.09E-05	-3.44E-04	2.07E-04	-2.20E-04				
64	1012.00	6.39E-01	3.63E-01	7.78E-01	5.07E+00	-1.15E-01	-3.79E+00	5.57E+00	-4.57E+00	44.22	6.39E-01	5.07E+00	
	-213.00	5.91E-06	-6.61E-06	1.23E-05	4.61E-04	-1.05E-05	-3.44E-04	2.30E-04	-2.31E-04				
65	837.00	2.50E-01	-4.23E-01	1.05E+00	3.55E+00	7.74E-01	-3.99E+00	3.48E+00	-3.66E+00	42.30	-4.23E-01	-3.55E+00	
	-148.00	1.07E-06	-1.42E-05	1.93E-05	1.61E-04	3.52E-05	-1.82E-04	7.45E-05	-8.77E-05				
66	937.00	-5.24E-01	-2.95E-01	7.39E-01	6.26E+00	4.64E-01	-4.66E+00	5.86E+00	-6.67E+00	45.52	3.99E+00	-4.46E+00	
	-128.00	-1.18E-05	-6.29E-06	1.72E-05	2.85E-04	2.11E-05	-2.12E-04	1.33E-04	-1.51E-04				
67	1037.00	-5.72E+00	-1.45E+00	-1.10E+00	6.01E+00	1.96E+00	-5.34E+00	2.80E+00	-9.96E+00	54.77	-1.45E+00	-6.01E+00	
	-148.00	-8.66E-05	1.04E-05	1.84E-05	2.73E-04	8.91E-05	-2.43E-04	1.07E-04	-1.83E-04				
68	837.00	-1.89E+00	-1.90E+00	-9.18E-01	6.82E+00	1.07E+00	-5.23E+00	4.93E+00	-8.72E+00	44.98	-1.89E+00	6.82E+00	
	-68.00	-2.09E-05	-2.13E-05	1.64E-05	5.25E-04	8.23E-05	-4.02E-04	2.41E-04	-2.84E-04				
69	937.00	-2.07E+00	3.61E-01	1.60E-01	3.65E+00	1.11E+00	-3.12E+00	2.99E+00	-4.70E+00	54.23	3.61E-01	-3.65E+00	
	-88.00	-6.27E-05	3.10E-05	2.32E-05	2.81E-04	8.56E-05	-2.40E-04	1.32E-04	-1.64E-04				
70	1037.00	-3.50E-01	3.05E-01	7.45E-01	6.22E+00	-2.82E-01	-6.31E+00	6.20E+00	-6.25E+00	46.51	4.50E+00	-4.24E+00	
	-68.00	-2.12E-05	4.03E-06	2.10E-05	4.78E-04	-2.17E-05	-4.85E-04	2.31E-04	-2.48E-04				
71	962.00	-1.40E+00	-9.55E-01	-1.44E-01	2.89E+00	9.39E-01	-2.64E+00	1.72E+00	-4.06E+00	47.21	-1.40E+00	2.89E+00	
	-18.00	-2.64E-05	-9.24E-06	2.19E-05	2.22E-04	7.22E-05	-2.03E-04	9.36E-05	-1.29E-04				
72	1012.00	4.77E-01	6.09E-01	1.31E+00	3.11E+00	-1.64E-01	-2.39E+00	3.65E+00	-2.56E+00	45.61	4.77E-01	3.11E+00	
	-18.00	-7.93E-06	-2.88E-06	2.39E-05	2.39E-04	-1.26E-05	-1.84E-04	1.14E-04	-1.25E-04				
73	1387.00	6.43E-01	6.71E-01	6.53E-01	3.77E+00	-2.54E-03	-2.38E+00	4.43E+00	-3.12E+00	45.11	6.43E-01	3.77E+00	
	-303.00	3.69E-06	4.95E-06	4.13E-06	3.43E-04	-2.31E-07	-2.17E-04	1.76E-04	-1.67E-04				
74	1387.00	8.95E-02	-1.05E-01	3.95E-01	3.98E+00	5.30E-02	-2.36E+00	3.98E+00	-3.99E+00	44.30	8.95E-02	3.98E+00	
	-213.00	-9.59E-07	-9.71E-06	1.30E-05	3.62E-04	4.82E-06	-2.15E-04	1.76E-04	-1.86E-04				
75	1387.00	-6.65E-03	2.72E-01	1.17E+00	2.93E+00	1.95E-01	-1.59E+00	3.07E+00	-2.80E+00	46.36	-6.65E-03	2.93E+00	
	-138.00	-7.69E-06	-1.35E-06	1.91E-05	1.33E-04	8.85E-06	-7.21E-05	6.22E-05	-7.12E-05				
76	1187.00	-9.86E-01	-7.22E-01	-1.62E-02	4.49E+00	6.93E-01	-1.67E+00	3.64E+00	-5.34E+00	45.84	-9.86E-01	4.49E+00	
	-68.00	-1.90E-05	-8.81E-06	1.83E-05	3.45E-04	5.33E-05	-1.29E-04	1.59E-04	-1.87E-04				
77	1387.00	-1.29E+00	-1.02E+00	-7.60E-03	2.27E+00	5.11E-01	-1.64E+00	1.13E+00	-3.43E+00	46.67	-1.02E+00	-2.27E+00	
	-88.00	-2.40E-05	-1.38E-05	2.51E-05	1.75E-04	3.93E-05	-1.26E-04	6.87E-05	-1.06E-04				
78	1587.00	-3.06E-01	-2.22E-01	5.46E-01	2.84E+00	-5.59E-02	-9.95E-01	2.58E+00	-3.11E+00	45.42	8.69E-01	-2.51E+00	
	-68.00	-1.24E-05	-9.18E-06	2.19E-05	2.19E-04	-4.30E-06	-7.65E-05	9.86E-05	-1.20E-04				
79	1237.00	-1.67E+00	-6.91E-01	-3.31E-02	2.43E+00	7.23E-01	-1.41E+00	1.30E+00	-3.66E+00	50.68	-1.67E+00	2.43E+00	
	-18.00	-3.78E-05	-2.99E-07	2.50E-05	1.87E-04	5.56E-05	-1.09E-04	7.63E-05	-1.14E-04				
80	1433.80	-1.01E+00	-3.75E-01	3.72E-01	2.83E+00	2.99E-01	-1.03E+00	2.16E+00	-3.54E+00	48.21	-1.01E+00	2.83E+00	
	-8.00	-2.78E-05	-3.27E-06	2.55E-05	2.18E-04	2.29E-05	-7.93E-05	9.41E-05	-1.25E-04				
81	1533.80	-1.67E+00	-3.87E-01	8.24E-02	1.67E+00	2.36E-01	-6.73E-01	7.59E-01	-2.81E+00	55.49	-3.87E-01	-1.67E+00	
	-28.00	-4.24E-05	6.77E-06	2.48E-05	1.29E-04	1.82E-05	-5.18E-05	5.09E-05	-8.65E-05				
82	1633.80	-1.74E+00	-5.72E-01	-7.55E-02	6.00E-01	-4.13E-02	-1.32E-01	-3.13E-01	-2.02E+00	66.90	-3.16E-01	-7.33E-02	
	-8.00	-4.06E-05	4.21E-06	2.33E-05	4.68E-05	-3.18E-06	-1.02E-05	1.42E-05	-5.06E-05				
83	1433.80	-6.93E+00	-3.03E+00	-2.94E+00	1.87E+00	1.77E+00	-7.78E-01	-2.27E+00	-7.66E+00	68.12	-3.03E+00	-1.87E+00	
	27.60	-1.25E-04	2.53E-05	2.86E-05	1.44E-04	1.36E-04	-5.68E-05	5.42E-05	-1.54E-04				
84	1296.10	[illegible]2.45E+00	-3.47E-01	-7.41E-02	1.99E+00	8.41E-01	-9.89E-01	8.49E-01	-3.65E+00	58.94	-1.56E+00	-2.24E+00	
	40.7[illegible]	[illegible].26E-05	1.82E-05	2.87E-05	1.53E-04	6.47E-05	[illegible]E-05	6.42E-05	-1.09E-04				
85	1148[illegible]	[illegible].07E+00	5.05E-01	6.69E-01	2.64E+00	9.43E-01	[illegible]E-01	2.47E+00	-3.04E+00	53.35	2.04E+00	1.4[illegible]	

	57.3	.24E-05	1.54E-05	2.46E-05	2.03E-04	7.25E-05	[illegible]-05	5.34E-05	-1.18E-04				
86	1131.40	8.77E+00	-4.26E+00	-3.89E+00	1.02E+00	3.34E+00	-[illegible]8E-02	-4.04E+00	-9.00E+00	77.62	-4.26E+00	-1.02E+[illegible]	
	112.00	-1.52E-04	2.22E-05	3.64E-05	7.37E-05	2.57E-04	-5.37E-06	3.07E-05	-1.60E-04				
87	1019.80	-2.56E+00	-1.22E+00	-5.04E-01	2.82E+00	1.29E+00	-6.02E+00	1.01E+00	-4.79E+00	51.67	-1.22E+00	-2.82E+00	
	34.67	-5.14E-05	1.50E-07	2.77E-05	2.17E-04	9.95E-05	-3.09E-04	8.60E-05	-1.37E-04				
88	886.60	-1.21E+00	-5.48E-01	1.39E-01	2.30E+00	6.36E-01	-2.42E+00	1.45E+00	-3.21E+00	49.12	-1.21E+00	2.30E+00	
	46.00	-2.89E-05	-3.23E-06	2.32E-05	1.77E-04	4.89E-05	-1.86E-04	7.35E-05	-1.06E-04				
89	860.80	-5.49E+00	-2.39E+00	-2.09E+00	1.29E+00	2.05E+00	-7.57E-01	-1.92E+00	-5.96E+00	70.20	-2.39E+00	-1.29E+00	
	196.00	-1.02E-04	1.78E-05	2.93E-05	9.39E-05	1.58E-04	-5.82E-05	3.56E-05	-1.20E-04				
90	952.60	-9.56E-01	2.63E+00	1.64E+00	3.39E+00	1.02E+00	-2.47E+00	4.67E+00	-2.99E+00	58.96	3.76E+00	-2.47E+00	
	128.00	-7.32E-05	6.47E-05	2.67E-05	2.60E-04	7.82E-05	-1.90E-04	1.43E-04	-1.52E-04				
91	869.80	-1.59E+00	-2.31E-01	1.16E-01	1.55E+00	1.07E+00	-5.02E-01	7.79E-01	-2.60E+00	56.86	-1.59E+00	1.55E+00	
	160.00	-4.25E-05	9.85E-06	2.32E-05	1.19E-04	8.23E-05	-3.86E-05	4.87E-05	-8.13E-05				
92	869.80	-7.80E+00	-2.66E+00	-2.89E+00	9.15E-01	3.95E+00	-9.63E-01	-2.51E+00	-8.04E+00	80.34	-2.66E+00	-9.15E-01	
	203.60	-1.56E-04	4.52E-05	3.67E-05	7.04E-05	3.04E-04	-7.40E-05	5.12E-05	-1.62E-04				
93	598.67	4.98E-01	-1.94E-01	3.41E-01	4.58E+00	2.76E+00	-5.23E+00	4.74E+00	-4.44E+00	42.84	-1.94E-01	-4.58E+00	
	16.00	1.21E-05	-1.45E-05	6.02E-06	3.52E-04	2.12E-04	-4.02E-04	1.75E-04	-1.78E-04				
94	645.75	-7.17E-01	-5.56E-01	-2.42E-01	2.94E+00	1.11E+00	-2.51E+00	2.31E+00	-3.58E+00	45.78	-7.17E-01	2.94E+00	
	24.00	-1.09E-05	-4.74E-06	7.34E-06	2.26E-04	8.53E-05	-1.93E-04	1.05E-04	-1.21E-04				
95	613.10	-9.07E-01	-1.55E+00	-9.29E-01	5.10E+00	1.12E+00	-5.16E-01	3.88E+00	-6.34E+00	43.20	-9.07E-01	5.10E+00	
	69.33	2.32E-06	-2.24E-05	1.47E-06	3.92E-04	8.60E-05	-3.97E-05	1.86E-04	-2.07E-04				
96	708.45	-1.39E+00	-4.06E-01	-1.47E-01	2.36E+00	1.14E+00	-1.93E+00	1.51E+00	-3.31E+00	50.91	-1.86E+00	-2.21E+00	
	56.00	-3.22E-05	5.78E-06	1.57E-05	1.82E-04	8.78E-05	-1.49E-04	7.96E-05	-1.06E-04				
97	613.10	-3.90E+00	-1.68E+00	-1.59E+00	1.67E+00	3.73E+00	-1.19E+00	-7.83E-01	-4.79E+00	61.80	-1.68E+00	-1.67E+00	
	96.00	-7.12E-05	1.42E-05	1.77E-05	1.28E-04	2.87E-04	-9.17E-05	4.86E-05	-1.06E-04				
98	682.27	-1.50E+00	-5.69E-01	-2.50E-01	3.31E+00	1.14E+00	-2.01E+00	2.31E+00	-4.38E+00	49.02	1.83E+00	-1.72E+00	
	112.00	-3.23E-05	3.65E-06	1.59E-05	2.55E-04	8.74E-05	-1.55E-04	1.14E-04	-1.43E-04				
99	751.63	-5.11E+00	7.19E-01	-9.10E-01	3.56E+00	2.79E+00	-4.60E+00	2.40E+00	-6.80E+00	64.66	7.19E-01	-3.56E+00	
	96.00	-1.38E-04	8.59E-05	2.33E-05	2.74E-04	2.15E-04	-3.54E-04	1.51E-04	-2.03E-04				
100	683.25	-1.26E+00	-3.33E-01	3.41E-02	1.20E+00	8.76E-01	-1.59E+00	4.92E-01	-2.08E+00	55.52	-1.26E+00	1.20E+00	
	152.00	-3.13E-05	4.29E-06	1.84E-05	9.24E-05	6.74E-05	-1.23E-04	3.60E-05	-6.30E-05				
101	648.67	-6.69E+00	-3.10E+00	-3.00E+00	7.78E-01	2.56E+00	-9.70E-01	-2.94E+00	-6.85E+00	78.28	-3.10E+00	-7.78E-01	
	192.00	-1.17E-04	2.13E-05	2.51E-05	5.98E-05	1.97E-04	-7.46E-05	2.75E-05	-1.23E-04				
102	725.25	-1.05E+00	5.67E-01	5.60E-01	1.25E+00	6.78E-01	-1.19E+00	1.25E+00	-1.73E+00	61.44	-2.16E-01	-1.49E+00	
	232.70	-4.13E-05	2.10E-05	2.07E-05	9.62E-05	5.22E-05	-9.12E-05	4.71E-05	-6.74E-05				
103	635.50	-1.03E+00	-1.24E+00	-3.17E-01	2.95E-02	5.24E-01	4.30E-01	-1.02E+00	-1.24E+00	7.92	-1.03E+00	2.95E-02	
	256.00	-1.12E-05	-1.92E-05	1.62E-05	2.27E-06	4.03E-05	3.31E-05	-1.10E-05	-1.93E-05				
104	635.50	-2.43E+00	-1.67E+00	-7.11E-01	-6.61E-02	1.88E+00	-1.00E-01	-1.66E+00	-2.44E+00	-85.11	-1.67E+00	6.61E-02	
	290.67	-4.07E-05	-1.12E-05	2.55E-05	-5.09E-06	1.45E-04	-7.72E-06	-1.10E-05	-4.10E-05				
105	569.00	7.98E-01	-1.67E-01	1.05E-01	4.77E+00	1.53E+00	-4.44E+00	5.11E+00	-4.48E+00	42.11	7.98E-01	4.77E+00	
	16.50	2.26E-05	-1.45E-05	-4.06E-06	3.67E-04	1.17E-04	-3.42E-04	1.88E-04	-1.80E-04				
106	508.50	1.01E+01	6.69E+00	6.41E+00	3.51E+00	3.66E+00	-1.31E+00	1.23E+01	4.48E+00	32.11	6.69E+00	-3.51E+00	
	13.00	1.33E-04	2.51E-06	-8.10E-06	2.70E-04	2.82E-04	-1.01E-04	2.18E-04	-8.22E-05				
107	521.00	2.68E+00	1.19E+00	9.46E-01	4.71E+00	1.28E+00	-2.46E+00	6.70E+00	-2.63E+00	40.49	2.68E+00	4.71E+00	
	15.75	5.03E-05	-7.26E-06	-1.65E-05	3.62E-04	9.85E-05	-1.89E-04	2.05E-04	-1.62E-04				
108	526.25	2.30E+00	9.82E-01	9.31E-01	5.19E+00	1.09E+00	-2.55E+00	6.88E+00	-3.59E+00	41.37	2.30E+00	5.19E+00	
	21.00	4.33E-05	-7.47E-06	-1.33E-05	3.99E-04	8.31E-05	-1.96E-04	2.19E-04	-1.83E-04				
109	515.50	6.31E+00	4.19E+00	4.14E+00	6.43E+00	2.56E+00	-1.33E+00	1.18E+01	-1.26E+00	40.32	4.19E+00	-6.43E+00	
	26.00	8.19E-05	2.05E-07	-1.66E-06	4.95E-04	1.97E-04	-1.02E-04	2.92E-04	-2.10E-04				
110	531.50	8.94E-01	5.01E-01	3.21E-01	4.23E+00	7.55E-01	-2.19E+00	4.93E+00	-3.54E+00	43.67	8.94E-01	4.23E+00	
	34.50	1.55E-05	4.14E-07	-6.51E-06	3.25E-04	5.81E-05	-1.68E-04	1.71E-04	-1.55E-04				
111	515.50	-3.02E+00	-4.83E+00	-3.55E+00	1.25E+01	5.92E-01	2.52E-01	8.57E+00	-1.64E+01	42.92	-3.02E+00	1.25E+01	
	44.00	9.18E-06	-6.05E-05	-1.14E-05	9.59E-04	4.55E-05	1.94E-05	4.55E-04	-5.06E-04				
112	515.50	-9.60E-01	-5.28E-01	-5.32E-01	2.87E+00	1.47E+00	-1.08E+00	2.14E+00	-3.63E+00	47.15	-5.28E-01	-2.87E+00	
	53.33	-1.47E-05	1.88E-06	1.75E-06	2.21E-04	1.13E-04	-6.29E-05	1.04E-04	-1.17E-04				
113	547.50	-1.79E+00	5.07E-01	-4.51E-01	4.50E+00	8.93E-01	-4.59E+00	4.00E+00	-5.28E+00	52.15	1.90E+00	-3.98E+00	
	64.00	-4.96E-05	3.85E-05	1.65E-06	3.46E-04	6.87E-05	-3.53E-04	1.73E-04	-1.84E-04				
114	515.50	-3.73E+00	-4.39E+00	-3.28E+00	5.21E+00	3.37E-01	-1.10E+00	1.16E+00	-9.29E+00	43.20	-3.73E+00	5.21E+00	
	74.67	-1.83E-05	-4.36E-05	-8.17E-07	4.01E-04	2.59E-05	-8.49E-05	1.70E-04	-2.32E-04				
115	515.50	-7.31E+00	-4.56E+00	-4.62E+00	1.87E+00	1.17E+00	-1.02E+00	-3.62E+00	-8.25E+00	63.14	-4.56E+00	-1.87E+00	
	88.00	-9.98E-05	5.69E-06	3.51E-06	1.44E-04	8.97E-05	-7.83E-05	4.21E-05	-1.36E-04				
116	547.50	-4.40E+00	-5.21E-01	-1.85E+00	5.66E+00	7.96E-01	-3.49E+00	3.52E+00	-8.44E+00	54.46	1.91E+00	-4.08E+00	
	104.00	-9.49E-05	5.44E-05	3.30E-06	4.35E-04	6.12E-05	-2.68E-04	2.10E-04	-2.50E-04				
117	515.50	-1.46E+00	-1.57E+00	-9.47E-01	4.15E+00	9.68E-02	-1.79E+00	2.63E+00	-5.66E+00	44.63	-1.46E+00	4.15E+00	

	120.00	-1.25E-05	-1.66E-05	7.27E-06	3.19E-04	7.45E-06	-1.37E-04	1.45E-04	-1.74E-04				
118	515.50	-5.02E+00	-3.02E+00	-2.33E+00	1.60E+00	6.25E-01	-6.57E-01	-2.13E+00	-5.90E+00	61.01	-3.02E+00	-1.60E+00	
	136.00	-7.34E-05	3.29E-06	1.06E-05	1.23E-04	4.81E-05	-6.59E-05	3.73E-05	-1.08E-04				
119	547.50	-3.79E+00	-1.21E+00	-1.63E+00	3.81E+00	4.40E-01	-1.99E+00	1.52E+00	-6.52E+00	54.37	4.32E-01	-2.75E+00	
	152.00	-7.29E-05	2.64E-05	9.99E-06	2.93E-04	3.39E-05	-1.52E-04	1.31E-04	-1.78E-04				
120	515.50	-1.80E+00	-1.59E+00	-8.39E-01	2.80E+00	7.03E-02	-9.77E-01	1.10E+00	-4.50E+00	46.09	-1.80E+00	2.80E+00	
	168.00	-2.20E-05	-1.46E-05	1.42E-05	2.15E-04	5.41E-06	-7.51E-05	8.90E-05	-1.26E-04				
121	515.50	-6.55E+00	-3.97E+00	-3.62E+00	1.24E+00	6.87E-01	-6.38E-01	-3.47E+00	-7.05E+00	66.06	-3.97E+00	-1.24E+00	
	184.00	-9.66E-05	2.71E-06	1.42E-05	9.56E-05	5.28E-05	-4.91E-05	2.20E-05	-1.16E-04				
122	547.50	-2.31E+00	1.11E+00	7.46E-02	4.14E+00	3.83E-01	-2.78E+00	3.88E+00	-5.08E+00	56.22	2.86E+00	-2.85E+00	
	200.00	-7.65E-05	5.51E-05	1.53E-05	3.19E-04	2.94E-05	-2.14E-04	1.62E-04	-1.83E-04				
123	515.50	8.56E-01	1.42E+00	1.65E+00	1.98E+00	-2.54E-01	-1.24E+00	3.14E+00	-8.66E-01	49.06	8.56E-01	1.98E+00	
	216.00	-1.02E-05	1.16E-05	2.02E-05	1.53E-04	-1.95E-05	-9.57E-05	7.78E-05	-7.64E-05				
124	515.50	-1.80E+00	-8.79E-01	-3.44E-01	4.80E-01	-1.61E-01	-4.22E-01	-6.73E-01	-2.00E+00	66.83	-8.79E-01	-4.80E-01	
	232.00	-3.59E-05	-6.35E-07	1.99E-05	3.69E-05	-1.24E-05	-3.25E-05	7.27E-06	-4.38E-05				
125	547.50	-8.28E-01	-2.21E-01	2.64E-01	9.54E-01	-1.23E-01	-1.64E+00	4.77E-01	-1.53E+00	53.83	1.93E-01	-6.99E-01	
	248.00	-2.32E-05	1.44E-07	1.88E-05	7.34E-05	-9.47E-06	-1.26E-04	2.70E-05	-5.01E-05				
126	515.50	1.68E+00	2.42E+00	2.43E+00	-2.09E-01	-5.09E-01	-1.40E+00	2.48E+00	1.63E+00	-75.32	1.68E+00	-2.09E-01	
	264.00	-7.16E-06	2.14E-05	2.17E-05	-1.61E-05	-3.91E-05	-1.08E-04	2.35E-05	-9.26E-06				
127	515.50	-7.49E-01	-3.08E-01	1.85E-01	1.38E-01	-8.84E-01	-2.45E-01	-2.68E-01	-7.88E-01	73.96	-3.08E-01	-1.38E-01	
	276.00	-1.92E-05	-2.27E-06	1.67E-05	1.06E-05	-6.80E-05	-1.89E-05	-7.41E-07	-2.07E-05				
128	531.50	9.31E-01	5.84E-01	1.27E+00	8.92E-02	-4.51E-01	-1.51E-01	9.52E-01	5.62E-01	13.59	9.31E-01	8.92E-02	
	297.00	5.20E-06	-8.16E-06	1.83E-05	6.96E-06	-3.47E-05	-1.16E-05	6.03E-06	-8.99E-06				
129	515.50	3.52E+00	2.81E+00	3.23E+00	-7.14E-01	-4.79E-01	-8.68E-01	3.96E+00	2.36E+00	-31.72	3.52E+00	-7.14E-01	
	320.00	3.04E-05	2.95E-06	1.91E-05	-5.49E-05	-3.69E-05	-6.68E-05	4.74E-05	-1.40E-05				
193	565.50	2.30E-01	-3.57E-01	-4.21E-01	7.17E+00	2.00E+00	-5.60E+00	7.12E+00	-7.24E+00	43.83	2.30E-01	7.17E+00	
	-8.00	1.49E-05	-7.70E-06	-1.02E-05	5.52E-04	1.54E-04	-4.31E-04	2.80E-04	-2.73E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.8709E+02	-.5429E+03	-.4409E+01	.7310E+02	.1614E+03	-.1115E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1005E+02	.4277E+01	.1807E+01	.6922E+02	-.4375E+02	-.5945E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.8319E+01	-.1329E+01	.7578E+00	.1131E+03	-.9667E+02	-.1091E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1177E+02	.2710E+01	.1016E+00	.1588E+03	-.1522E+03	-.1597E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1285E+02	-.1854E+01	.1337E+00	.2044E+03	-.2071E+03	-.2151E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1554E+01	-.1347E+01	.7525E+00	.2724E+03	-.2636E+03	-.2820E+03
25	.3084E+02	.4994E+01	.1304E+00	.3384E+03	-.2906E+03	-.3474E+03
26	-.8293E+01	-.4254E+00	-.1085E+00	.3673E+03	-.3076E+03	-.3953E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	-.1445E+03	-.3140E+02	.5245E+01	.37[illegible]03	-.4267E+03	-.4342E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2669E+04	.4676E+03	-.2126E+02	.5292E+03	-.1150E+04	-.6872E+03
40	.1904E+04	.3030E+03	.1390E+01	.4996E+03	-.1135E+04	-.6300E+03
41	.1295E+04	.1774E+03	.2230E+02	.4335E+03	-.1029E+04	-.5465E+03
42	.3193E+03	.2566E+02	.2255E+02	.3788E+03	-.7296E+03	-.4764E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.3311E+04	-.4386E+03	-.1835E+02	.8874E+02	-.1215E+04	.3594E+03
48	-.2879E+04	-.3794E+03	-.2049E+02	.1681E+03	-.1125E+04	.2569E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.4675E+04	-.7116E+03	-.2216E+02	-.1062E+03	-.8366E+03	.1071E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1344E+02	.1917E+02	-.1349E+01	.5153E+02	-.1195E+04	.3385E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3200E+04	-.4856E+03	-.2196E+02	-.3937E+02	-.6738E+03	.1007E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2240E+04	-.3413E+03	-.2938E+02	-.4077E+02	-.6300E+03	.9783E+03
66	-.7472E+03	-.1164E+03	-.3690E+02	-.5297E+02	-.5171E+03	.1019E+04
67	.1551E+04	.2292E+03	-.3691E+02	-.4973E+02	-.4001E+03	.1017E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2760E+04	.4111E+03	-.3099E+02	.7624E+02	-.2974E+03	.1018E+04
76	-.3001E+03	-.4677E+02	-.2110E+02	.1147E+03	-.1639E+03	.1030E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1158E+04	.1735E+03	-.1540E+02	.1420E+03	-.2141E+01	.9949E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4901E+03	-.7289E+02	-.1095E+02	.2079E+03	.9540E+02	.9706E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5766E+03	.1035E+03	-.9752E+01	.1600E+03	.2326E+03	.8965E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.4507E+03	-.6677E+02	-.8152E+01	.1398E+03	.3135E+03	.8183E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.5154E+03	.8126E+02	-.8300E+01	.1423E+03	.4291E+03	.7365E+03
109	-.3062E+03	-.4126E+02	-.7091E+01	.1458E+03	.5042E+03	.6368E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.4299E+03	.7010E+02	-.6867E+01	.9367E+02	.5912E+03	.5302E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2104E+03	.3759E+02	-.1195E+01	.4438E+02	.6295E+03	.4196E+03
115	.7729E+02	.1793E+02	.6670E+00	.1045E+02	.6334E+03	.3059E+03
116	.1889E+03	.3544E+02	.2608E+01	-.1160E+02	.6612E+03	.2345E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.2038E+03	.3803E+02	.4628E+01	.1756E+02	.6783E+03	.2048E+03
119	.1433E+03	.2839E+02	.6682E+01	-.5291E+02	.6175E+03	.1204E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3752E+03	.4837E+02	.2254E+02	-.4623E+02	.5328E+03	.6548E+02
122	.3153E+03	.2246E+02	.3749E+02	.1727E+02	.5139E+03	.6365E+02
123	.2388E+03	.1464E+02	.3321E+02	.1184E+02	.4488E+03	.5729E+02
124	.1738E+03	.1033E+02	.2292E+02	.3095E+01	.3695E+03	.5215E+02
125	.1138E+03	.4943E+01	.1682E+02	.4995E+01	.3054E+03	.4725E+02
126	.3483E+02	-.7391E+01	.1566E+02	.1039E+01	.2567E+03	.4200E+02
127	-.2317E+02	-.1708E+02	.1597E+02	-.1632E+01	.2191E+03	.3535E+02
128	-.8240E+02	-.2501E+02	.1526E+02	-.7979E+01	.1423E+03	.2785E+02
129	-.8325E+02	-.2164E+02	.1278E+02	-.1082E+02	.8056E+02	.2129E+02
130	-.5773E+02	-.1323E+02	.9344E+01	-.1126E+02	.3543E+02	.1677E+02
131	-.1518E+02	-.2381E+01	.6297E+01	-.9735E+01	.1139E+02	.1402E+02
132	.1689E+01	.1095E+01	.4641E+01	-.6433E+01	.1280E+02	.1215E+02
133	.3002E+01	.9218E+00	.4258E+01	-.4433E+01	.1531E+02	.1025E+02
134	.8238E+00	.2643E+00	.4254E+01	-.3387E+01	.1309E+02	.8078E+01
135	.9413E-03	.1466E-01	.4782E+01	-.2584E+01	.9251E+01	.5952E+01
136	-.1153E-01	.2630E-01	.6360E+01	-.1807E+01	.5985E+01	.3970E+01
137	-.1254E+00	-.4197E-01	.1001E+02	-.1244E+01	.2697E+01	.2169E+01
138	.6113E-01	.2236E+00	.1683E+03	-.8084E+00	-.7080E+00	.1082E+01
139	.1628E+00	.2638E+00	-.5946E+02	-.1308E+00	.3801E+00	-.3799E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.41302E-01	-.22442E-03	.41301E-01	.00000E+00
3	-.75476E-01	-.76499E-03	.75513E-01	.00000E+00
4	-.81971E-01	-.75299E-03	.81876E-01	.00000E+00
5	-.88646E-01	-.52961E-04	.88680E-01	.00000E+00
6	-.10045E+00	.19297E-04	.10043E+00	-.14810E-04
7	-.92037E-01	-.14012E-02	.93204E-01	.00000E+00
8	-.10073E+00	-.10564E-02	.10104E+00	-.26884E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.40949E-01	-.40980E-03	.41313E-01	.00000E+00
11	-.75996E-01	-.86715E-03	.77004E-01	.00000E+00
12	-.84894E-01	-.96733E-03	.86066E-01	.00000E+00
13	-.92019E-01	-.74970E-03	.92567E-01	.00000E+00
14	-.10134E+00	-.97261E-03	.10263E+00	.4218E-05

	-.93336E-01	-.19103E-02	.97072E-01	.00000E+00
	-.10225E+00	-.15504E-02	.10524E+00	.2774E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.41356E-01	-.54246E-03	.42885E-01	.00000E+00
19	-.77513E-01	-.99117E-03	.80658E-01	.00000E+00
20	-.86855E-01	-.12335E-02	.90567E-01	.00000E+00
21	-.94301E-01	-.72911E-03	.97658E-01	.00000E+00
22	-.10350E+00	-.80309E-03	.10890E+00	-.15544E-05
23	-.94926E-01	-.27143E-02	.10538E+00	.00000E+00
24	-.10505E+00	-.22465E-02	.11371E+00	-.30722E-04
25	-.10613E+00	-.29147E-02	.11682E+00	.13245E-05
26	-.10676E+00	-.27644E-02	.11867E+00	.14916E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.41615E-01	-.10337E-02	.44128E-01	.00000E+00
29	-.79478E-01	-.18704E-02	.84185E-01	.00000E+00
30	-.88901E-01	-.20362E-02	.95785E-01	.00000E+00
31	-.97645E-01	-.26379E-02	.10672E+00	.00000E+00
32	-.10743E+00	-.31415E-02	.12072E+00	-.85221E-04
33	-.97443E-01	-.41025E-02	.10667E+00	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.41404E-01	-.16072E-02	.44141E-01	.00000E+00
36	-.80212E-01	-.23215E-02	.84902E-01	.00000E+00
37	-.89866E-01	-.25582E-02	.95320E-01	.00000E+00
38	-.10042E+00	-.31539E-02	.11059E+00	.00000E+00
39	-.10862E+00	-.44146E-02	.12422E+00	.65578E-04
40	-.10841E+00	-.48158E-02	.12340E+00	.10346E-04
41	-.10821E+00	-.47011E-02	.12265E+00	-.29818E-04
42	-.10790E+00	-.41124E-02	.12179E+00	-.67367E-04
43	-.80395E-01	-.34488E-02	.92974E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.38981E-01	.52454E-03	.40076E-01	.00000E+00
46	-.80397E-01	-.19943E-02	.81078E-01	.00000E+00
47	-.10872E+00	-.38791E-02	.12452E+00	.56324E-04
48	-.10869E+00	-.41479E-02	.12449E+00	.87225E-04
49	-.10032E+00	-.33172E-02	.10962E+00	.00000E+00
50	-.10974E+00	-.41197E-02	.12496E+00	.25091E-03
51	-.10157E+00	-.37740E-02	.10688E+00	.00000E+00
52	-.11380E+00	-.36086E-02	.11729E+00	.00000E+00
53	-.10879E+00	-.35390E-02	.12464E+00	.10673E-04
54	-.89239E-01	-.19322E-02	.86437E-01	.00000E+00
55	-.10014E+00	-.31434E-02	.95474E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.33557E-01	-.35450E-02	.29164E-01	.00000E+00
58	-.72086E-01	-.19073E-02	.55995E-01	.00000E+00
59	-.11415E+00	-.24971E-02	.11077E+00	.00000E+00
60	-.11417E+00	-.33435E-02	.11387E+00	.00000E+00
61	-.11070E+00	-.41457E-02	.12527E+00	.38536E-03
62	-.84653E-01	-.90269E-03	.67700E-01	.00000E+00
63	-.97441E-01	-.54363E-03	.81970E-01	.00000E+00
64	-.11614E+00	-.34962E-02	.11892E+00	.00000E+00
65	-.11201E+00	-.41529E-02	.12556E+00	.47819E-03
66	-.11523E+00	-.41606E-02	.12614E+00	.57993E-03
67	-.11871E+00	-.41578E-02	.12677E+00	.55223E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.26459E-01	.52391E-03	.17471E-01	.00000E+00
70	-.76296E-01	.12406E-04	.56359E-01	.00000E+00
71	-.11336E+00	-.10572E-03	.94226E-01	.00000E+00
72	-.11934E+00	-.31570E-02	.11915E+00	.00000E+00
73	-.93923E-01	-.71912E-04	.64534E-01	.00000E+00
74	-.12662E+00	-.31308E-02	.12452E+00	.00000E+00
75	-.12166E+00	-.41572E-02	.12733E+00	.41952E-03
76	-.12562E+00	-.42517E-02	.12842E+00	.29278E-03
77	-.10802E+00	.93800E-03	.78622E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00

79	-.21680E-01	-.98145E-03	.22903E-01	.00000E+00
80	-.73008E-01	.10309E-02	.49546E-01	.00000E+00
81	-.80757E-01	.12564E-02	.53994E-01	.00000E+00
82	-.90431E-01	.18736E-02	.64708E-01	.00000E+00
83	-.13645E+00	.50166E-03	.10462E+00	.00000E+00
84	-.11912E+00	.16523E-02	.87603E-01	.00000E+00
85	-.13010E+00	-.42837E-02	.12977E+00	.23376E-03
86	-.13127E+00	-.32977E-02	.12828E+00	.00000E+00
87	-.10883E+00	.14677E-02	.74271E-01	.00000E+00
88	-.13152E+00	-.21327E-02	.11774E+00	.00000E+00
89	-.13317E+00	-.44271E-02	.13111E+00	.18768E-03
90	-.83840E-01	.66153E-03	.39818E-01	.00000E+00
91	-.89868E-01	.12486E-02	.43986E-01	.00000E+00
92	-.96255E-01	.24568E-04	.46917E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.36318E-01	.00000E+00	.16910E-01	.00000E+00
95	-.66673E-01	.00000E+00	.30014E-01	.00000E+00
96	-.76291E-01	.00000E+00	.34420E-01	.00000E+00
97	-.79659E-01	.00000E+00	.33946E-01	.00000E+00
98	-.78300E-01	.00000E+00	.32996E-01	.00000E+00
99	-.85512E-01	-.22214E-03	.36395E-01	.00000E+00
100	-.10543E+00	.99769E-04	.56225E-01	.00000E+00
101	-.12677E+00	-.63796E-03	.87864E-01	.00000E+00
102	-.13793E+00	-.45913E-02	.13302E+00	.16888E-03
103	-.13253E+00	-.37174E-03	.10738E+00	.00000E+00
104	-.13997E+00	-.39263E-02	.13293E+00	.00000E+00
105	-.14125E+00	-.46416E-02	.13469E+00	.14584E-03
106	-.13851E+00	-.44479E-03	.11803E+00	.00000E+00
107	-.14545E+00	-.41670E-02	.13510E+00	.00000E+00
108	-.14507E+00	-.47119E-02	.13623E+00	.13929E-03
109	-.14782E+00	-.47650E-02	.13753E+00	.11798E-03
110	-.14621E+00	-.44251E-02	.12472E+00	.00000E+00
111	-.15141E+00	-.52480E-02	.13888E+00	.00000E+00
112	-.15091E+00	-.48208E-02	.13862E+00	.10561E-03
113	-.15024E+00	-.35357E-02	.13039E+00	.00000E+00
114	-.15247E+00	-.47299E-02	.13944E+00	.40124E-04
115	-.15303E+00	-.47005E-02	.14004E+00	.10562E-04
116	-.15303E+00	-.45484E-02	.14034E+00	-.12959E-04
117	-.15230E+00	-.55404E-02	.14183E+00	.00000E+00
118	-.15277E+00	-.45144E-02	.14046E+00	-.39498E-04
119	-.15192E+00	-.44365E-02	.14056E+00	-.53969E-04
120	-.15368E+00	-.47632E-02	.14202E+00	.00000E+00
121	-.15021E+00	-.42693E-02	.14049E+00	-.93846E-04
122	-.15002E+00	-.34864E-02	.14067E+00	-.11299E-03
123	-.14973E+00	-.27554E-02	.14080E+00	-.12801E-03
124	-.14940E+00	-.19273E-02	.14094E+00	-.14517E-03
125	-.14897E+00	-.98482E-03	.14107E+00	-.16536E-03
126	-.14811E+00	.81499E-03	.14130E+00	-.18832E-03
127	-.14720E+00	.27348E-02	.14152E+00	-.19067E-03
128	-.14547E+00	.66148E-02	.14197E+00	-.15384E-03
129	-.14430E+00	.94148E-02	.14238E+00	-.99066E-04
130	-.14365E+00	.11127E-01	.14282E+00	-.35534E-04
131	-.14376E+00	.10236E-01	.14350E+00	.31967E-04
132	-.14440E+00	.89560E-02	.14410E+00	.49324E-04
133	-.14495E+00	.69289E-02	.14462E+00	.40521E-04
134	-.14530E+00	.53665E-02	.14505E+00	.31649E-04
135	-.14554E+00	.40412E-02	.14539E+00	.26507E-04
136	-.14571E+00	.27347E-02	.14564E+00	.28871E-04
137	-.14591E+00	.15560E-02	.14579E+00	.28561E-04
138	-.14589E+00	.23514E-03	.14588E+00	.30046E-04
139	-.14588E+00	.29157E-04	.14588E+00	.29249E-04

EARTHQUAKE [illegible]TS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 TIME = .6300E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.99E-02	-1.23E-01	-1.81E-02	-5.03E+00	-1.34E-02	5.07E+00	4.96E+00	-5.10E+00	-44.70	-1.88E-02	-5.03E+00
	-303.00	1.23E-04	-3.52E-06	1.26E-06	-4.58E-04	-1.22E-06	4.61E-04	2.28E-04	-2.30E-04			
2	72.00	-6.73E-02	-1.76E-01	5.30E-02	-4.24E+00	3.64E-03	4.36E+00	4.12E+00	-4.36E+00	-44.63	-6.73E-02	-4.24E+00
	-213.00	-5.83E-07	-5.54E-06	4.89E-06	-3.86E-04	3.31E-07	3.96E-04	1.90E-04	-1.96E-04			
3	72.00	-6.98E-01	-2.06E-01	1.52E-01	-2.84E+00	2.71E-01	3.08E+00	2.40E+00	-3.31E+00	-47.47	-6.98E-01	-2.84E+00
	-138.00	-1.19E-05	-7.36E-07	7.40E-06	-1.29E-04	1.23E-05	1.40E-04	5.86E-05	-7.12E-05			
4	24.00	-3.23E+00	-1.69E+00	-2.11E+00	-5.32E+00	8.66E-01	5.81E+00	2.92E+00	-7.83E+00	-49.15	-3.23E+00	-5.32E+00
	-68.00	-4.71E-05	1.25E-05	-3.94E-06	-4.09E-04	6.68E-05	4.47E-04	1.89E-04	-2.24E-04			
5	72.00	1.01E+00	4.87E-01	1.20E+00	-2.32E+00	-1.01E-01	2.49E+00	3.09E+00	-1.59E+00	-41.80	4.87E-01	2.32E+00
	-88.00	9.22E-06	-1.08E-05	1.64E-05	-1.79E-04	-7.80E-06	1.92E-04	8.92E-05	-9.08E-05			
6	120.00	5.35E-01	5.30E-01	7.84E-01	-4.52E+00	-2.43E-01	4.47E+00	5.06E+00	-3.99E+00	-44.98	-3.92E+00	8.13E-01
	-68.00	2.57E-07	5.63E-08	9.85E-06	-3.48E-04	-1.87E-05	3.44E-04	1.74E-04	-1.74E-04			
7	36.25	-1.27E+00	-5.03E-01	-3.32E-01	-2.51E+00	3.31E-01	2.41E+00	1.66E+00	-3.43E+00	-49.32	-1.18E+00	-2.53E+00
	-19.00	-2.56E-05	3.74E-06	1.03E-05	-1.93E-04	2.54E-05	1.86E-04	8.69E-05	-1.05E-04			
8	108.00	1.29E-01	2.61E-01	4.35E-01	-1.95E+00	-1.36E-02	2.13E+00	2.15E+00	-1.76E+00	-45.97	1.29E-01	-1.95E+00
	-19.00	-4.12E-06	9.82E-07	7.66E-06	-1.50E-04	-1.05E-06	1.64E-04	7.36E-05	-7.67E-05			
9	216.00	-2.41E-01	-3.23E-01	-1.60E-01	-5.04E+00	3.65E-02	5.16E+00	4.76E+00	-5.32E+00	-46.77	-2.41E-01	-5.04E+00
	-303.00	-1.55E-06	-5.29E-06	2.14E-06	-4.58E-04	3.31E-06	4.69E-04	2.26E-04	-2.32E-04			
10	216.00	-3.67E-01	-3.29E-01	-6.44E-02	-4.36E+00	1.23E-01	4.53E+00	4.01E+00	-4.71E+00	-45.13	-3.67E-01	-4.36E+00
	-213.00	-6.82E-06	-5.07E-06	6.95E-06	-3.96E-04	1.12E-05	4.11E-04	1.92E-04	-2.04E-04			
11	216.00	-6.79E-01	-2.69E-01	3.16E-01	-3.37E+00	3.93E-01	3.58E+00	2.90E+00	-3.85E+00	-46.74	-6.79E-01	-3.37E+00
	-138.00	-1.21E-05	-2.80E-06	1.05E-05	-1.53E-04	1.78E-05	1.63E-04	6.93E-05	-8.42E-05			
12	168.00	-1.50E+00	-1.24E+00	-8.41E-01	-5.13E+00	7.22E-01	5.28E+00	3.76E+00	-6.51E+00	-45.72	-1.50E+00	-5.13E+00
	-68.00	-1.83E-05	-8.43E-06	7.04E-06	-3.95E-04	5.55E-05	4.06E-04	1.84E-04	-2.11E-04			
13	216.00	1.39E+00	4.90E-01	1.38E+00	-2.09E+00	2.07E-03	2.19E+00	3.08E+00	-1.20E+00	-38.95	4.90E-01	2.09E+00
	-88.00	1.76E-05	-1.69E-05	1.72E-05	-1.61E-04	1.59E-07	1.68E-04	8.27E-05	-8.20E-05			
14	264.00	-2.53E-02	4.68E-01	6.89E-01	-4.42E+00	-7.69E-02	4.54E+00	4.65E+00	-4.20E+00	-46.60	-4.08E+00	1.04E+00
	-68.00	-1.34E-05	5.57E-06	1.41E-05	-3.40E-04	-5.91E-06	3.49E-04	1.66E-04	-1.74E-04			
15	180.00	-5.32E-01	-1.04E-01	1.79E-01	-2.20E+00	4.88E-01	2.14E+00	1.89E+00	-2.53E+00	-47.78	-5.32E-01	-2.20E+00
	-19.00	-1.54E-05	1.03E-06	1.19E-05	-1.69E-04	3.75E-05	1.64E-04	7.78E-05	-9.22E-05			
16	252.00	-2.83E-01	1.78E-01	5.18E-01	-1.86E+00	1.83E-01	2.24E+00	1.82E+00	-1.92E+00	-48.54	-2.83E-01	-1.86E+00
	-19.00	-1.54E-05	2.32E-06	1.54E-05	-1.43E-04	1.41E-05	1.72E-04	6.54E-05	-7.84E-05			
17	361.00	-3.13E-01	-4.89E-01	-2.35E-01	-5.09E+00	1.63E-02	5.33E+00	4.69E+00	-5.49E+00	-44.50	-3.13E-01	-5.09E+00
	-303.00	-7.50E-07	-8.76E-06	2.77E-06	-4.63E-04	1.49E-06	4.84E-04	2.27E-04	-2.36E-04			
18	361.00	-4.46E-01	-4.42E-01	-1.03E-01	-4.57E+00	8.94E-02	4.79E+00	4.13E+00	-5.02E+00	-45.02	-4.48E-01	-4.57E+00
	-213.00	-7.48E-06	-7.18E-06	8.21E-06	-4.16E-04	8.13E-06	4.35E-04	2.01E-04	-2.15E-04			
19	361.00	-7.63E-01	-3.28E-01	4.04E-01	-3.57E+00	3.78E-01	4.04E+00	3.03E+00	-4.12E+00	-46.74	-7.63E-01	-3.57E+00
	-138.00	-1.37E-05	-3.84E-06	1.28E-05	-1.62E-04	1.72E-05	1.84E-04	7.25E-05	-9.01E-05			
20	312.00	-2.63E+00	-1.89E+00	-1.37E+00	-5.77E+00	1.24E+00	6.33E+00	3.52E+00	-8.04E+00	-46.85	-2.63E+00	-5.77E+00
	-68.00	-3.65E-05	-7.83E-06	1.19E-05	-4.44E-04	9.53E-05	4.87E-04	2.00E-04	-2.44E-04			
21	360.67	2.29E+00	1.18E+00	2.08E+00	-2.70E+00	-1.73E-01	3.19E+00	4.49E+00	-1.03E+00	-39.22	1.18E+00	2.70E+00
	-88.00	2.69E-05	-1.56E-05	1.91E-05	-2.08E-04	-1.33E-05	2.46E-04	1.12E-04	-1.00E-04			
22	400.33	-1.36E+00	-1.84E+00	-6.67E-01	-5.51E+00	1.72E-02	6.88E+00	3.92E+00	-7.12E+00	-43.74	-7.04E+00	9.03E-01
	-68.00	-9.71E-06	-2.84E-05	1.68E-05	-4.24E-04	1.32E-06	5.29E-04	1.93E-04	-2.31E-04			
23	324.00	-1.05E+00	-2.09E-01	2.23E-01	-2.25E+00	8.71E-01	2.26E+00	1.66E+00	-2.92E+00	-50.29	-1.05E+00	-2.25E+00
	-19.00	-2.90E-05	3.33E-06	2.00E-05	-1.73E-04	6.70E-05	1.74E-04	7.52E-05	-1.01E-04			
24	372.00	-5.69E-01	5.11E-01	8.04E-01	-5.97E+00	8.29E-01	6.40E+00	5.97E+00	-6.02E+00	-47.58	-5.69E-01	-5.97E+00
	-9.33	-3.01E-05	1.15E-05	2.27E-05	-4.59E-04	6.38E-05	4.92E-04	2.21E-04	-2.40E-04			
25	401.25	-3.13E-01	4.58E-02	8.03E-01	-1.96E+00	2.73E-01	2.62E+00	1.83E+00	-2.10E+00	-47.62	1.54E+00	-1.03E+00
	-19.00	-1.79E-05	-4.12E-06	2.50E-05	-1.51E-04	2.10E-05	2.02E-04	6.46E-05	-8.66E-05			
26	427.67	-2.67E+00	-2.26E+00	-1.20E+00	-6.69E+00	1.13E+00	9.04E+00	4.23E+00	-9.15E+00	-45.88	-6.58E+00	-5.27E+00
	-9.33	-3.53E-05	-1.56E-05	2.12E-05	-5.14E-04	8.67E-05	6.95E-04	2.30E-04	-2.85E-04			
27	457.00	-3.68E-01	-7.41E-01	-3.55E-01	-5.14E+00	-3.01E-02	5.41E+00	4.59E+00	-5.70E+00	-43.96	-3.68E-01	-5.14E+00
	-303.00	2.29E-06	-1.47E-05	2.87E-06	-4.67E-04	-2.74E-06	4.92E-04	2.28E-04	-2.40E-04			
28	457.00	-4.02E-01	-4.66E-01	-1.00E-01	-4.81E+00	-9.34E-04	4.98E+00	4.37E+00	-5.24E+00	-44.61	-4.02E-01	-4.81E+00
	-213.00	-5.68E-06	-8.62E-06	8.01E-06	-4.37E-04	-8.49E-08	4.53E-04	2.11E-04	-2.26E-04			
29	457.00	-1.24E+00	-5.51E-01	1.39E-01	-3.73E+00	-2.00E-01	4.14E+00	2.85E+00	-4.65E+00	-47.64	-1.24E+00	-3.73E+00
	-138.00	-1.95E-05	-3.85E-06	1.13E-05	-1.70E-04	-9.11E-06	1.88E-04	7.35E-05	-9.69E-05			
30	442.00	-1.21E+00	-2.77E+00	-1.03E+00	-6.43E+00	-2.28E-01	7.16E+00	4.49E+00	-8.47E+00	-41.55	-1.21E+00	-6.43E+00

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3704

	-68.00	8.41E-06	-5.15E-05	1.55E-05	-4.95E-04	-1.75E-05	5.51E-04	2.28E-04	-2.71E-04				
31	457.33	7.66E+00	3.63E+00	4.94E+00	-2.28E+00	-3.62E+00	3.72E+00	8.59E+00	2.60E+00	-24.25	3.63E+00	2.28E+00	
	-88.00	1.16E-04	-3.88E-05	1.17E-05	-1.75E-04	-2.79E-04	2.94E-04	1.56E-04	-7.83E-05				
32	472.67	-1.23E+01	-1.00E+01	-8.52E+00	-5.59E+00	2.17E+00	9.15E+00	-5.46E+00	-1.65E+01	-50.89	-1.57E+01	-3.51E+00	
	-68.00	-1.35E-04	-4.58E-05	1.13E-05	-4.30E-04	1.67E-04	7.04E-04	1.29E-04	-3.10E-04				
33	443.00	-1.17E+00	-8.52E-01	1.26E-01	-3.26E+00	3.76E-01	3.50E+00	2.25E+00	-4.27E+00	-46.40	-1.17E+00	-3.26E+00	
	-10.50	-2.42E-05	-1.19E-05	2.57E-05	-2.50E-04	2.89E-05	2.69E-04	1.07E-04	-1.43E-04				
34	454.00	-9.82E+00	-7.16E+00	-6.05E+00	-8.39E+00	2.55E+00	1.15E+01	2.44E-03	-1.70E+01	-49.50	-1.31E+01	-7.11E+00	
	-11.33	-1.25E-04	-2.24E-05	2.03E-05	-6.45E-04	1.96E-04	8.81E-04	2.53E-04	-4.00E-04				
35	461.67	-2.20E+00	-2.65E+00	-1.22E+00	-7.96E+00	6.33E-01	1.18E+01	5.53E+00	-1.04E+01	-44.19	-2.20E+00	-7.96E+00	
	-12.00	-1.80E-05	-3.54E-05	2.00E-05	-6.12E-04	4.87E-05	9.10E-04	2.80E-04	-3.33E-04				
36	469.00	5.96E+00	2.35E+00	4.11E+00	-7.83E-01	-3.22E+00	4.71E+00	6.12E+00	2.19E+00	-11.72	2.35E+00	7.83E-01	
	-30.00	9.29E-05	-4.62E-05	2.17E-05	-6.02E-05	-2.48E-04	3.63E-04	9.90E-05	-5.24E-05				
37	476.33	-4.38E+00	-5.91E+00	-3.34E+00	-5.40E+00	6.84E-01	9.73E+00	3.05E-01	-1.06E+01	-40.98	-6.55E+00	-5.27E+00	
	-12.00	-1.88E-05	-7.75E-05	2.14E-05	-4.15E-04	5.26E-05	7.49E-04	1.62E-04	-2.58E-04				
38	558.50	3.20E-01	1.81E-02	1.98E-01	-4.84E+00	-1.61E-01	5.15E+00	5.01E+00	-4.67E+00	-44.11	3.20E-01	-4.84E+00	
	-303.00	7.72E-06	-6.01E-06	1.72E-06	-4.40E-04	-1.47E-05	4.68E-04	2.21E-04	-2.19E-04				
39	558.50	-1.29E-01	-6.76E-01	-1.95E-01	-4.82E+00	-3.22E-01	5.02E+00	4.42E+00	-5.23E+00	-43.37	-1.29E-01	-4.82E+00	
	-213.00	7.13E-06	-1.77E-05	4.12E-06	-4.38E-04	-2.92E-05	4.57E-04	2.14E-04	-2.25E-04				
40	506.17	-1.48E-02	-1.51E+00	7.30E-02	-1.08E+01	-8.61E-01	1.07E+01	1.00E+01	-1.16E+01	-43.02	-1.48E-02	-1.08E+01	
	-128.00	7.27E-06	-2.67E-05	9.27E-06	-4.90E-04	-3.92E-05	4.86E-04	2.36E-04	-2.55E-04				
41	558.50	3.04E+00	-1.02E+00	6.75E-01	-4.64E+00	-2.77E+00	6.62E+00	6.07E+00	-4.05E+00	-33.17	-1.02E+00	4.64E+00	
	-148.00	5.50E-05	-3.74E-05	1.22E-06	-2.11E-04	-1.26E-04	3.01E-04	1.24E-04	-1.06E-04				
42	610.83	-6.09E-01	-1.76E+00	-6.47E-01	-9.36E+00	-1.86E+00	8.36E+00	8.19E+00	-1.06E+01	-43.24	-1.04E+01	1.90E+00	
	-128.00	1.98E-06	-2.42E-05	1.12E-06	-4.25E-04	-8.44E-05	3.80E-04	2.02E-04	-2.24E-04				
43	501.38	7.99E-01	2.28E-01	9.26E-01	-2.44E+00	-9.83E-01	3.06E+00	2.97E+00	-1.94E+00	-41.66	7.99E-01	-2.44E+00	
	-78.00	9.27E-06	-1.27E-05	1.42E-05	-1.87E-04	-7.56E-05	2.36E-04	9.26E-05	-9.61E-05				
44	534.67	-1.46E+00	-1.23E+00	-8.36E-01	-7.72E+00	-5.86E-01	9.72E+00	6.38E+00	-9.08E+00	-45.43	-8.94E+00	1.45E+00	
	-68.00	-1.75E-05	-8.65E-06	6.69E-06	-5.94E-04	-4.51E-05	7.47E-04	2.84E-04	-3.10E-04				
45	584.67	1.44E+00	8.15E-01	1.12E+00	-7.50E+00	-1.97E+00	6.64E+00	8.63E+00	-6.38E+00	-43.81	1.44E+00	-7.50E+00	
	-68.00	1.82E-05	-5.75E-06	6.12E-06	-5.77E-04	-1.51E-04	5.11E-04	2.95E-04	-2.82E-04				
46	610.83	7.49E+00	2.07E+00	3.66E+00	-4.05E+00	-3.60E+00	5.37E+00	9.66E+00	-9.85E-02	-28.12	2.07E+00	4.05E+00	
	-88.00	1.43E-04	-6.56E-05	-4.59E-06	-3.12E-04	-2.77E-04	4.13E-04	2.26E-04	-1.49E-04				
47	482.63	3.97E-01	-9.23E-02	1.08E+00	-1.76E+00	-9.74E-01	3.51E+00	1.93E+00	-1.62E+00	-41.04	3.97E-01	-1.76E+00	
	-21.00	3.70E-08	-1.88E-05	2.64E-05	-1.35E-04	-7.49E-05	2.70E-04	5.89E-05	-7.76E-05				
48	485.83	-1.59E+00	-2.33E+00	-8.68E-01	-5.13E+00	-1.33E-01	1.08E+01	3.19E+00	-7.10E+00	-42.94	-2.25E+00	-5.14E+00	
	-12.00	-8.48E-06	-3.69E-05	1.91E-05	-3.95E-04	-1.02E-05	8.34E-04	1.75E-04	-2.21E-04				
49	507.88	2.76E-02	3.49E-01	9.80E-01	-1.93E+00	-5.52E-01	3.86E+00	2.12E+00	-1.75E+00	-47.38	2.76E-02	-1.93E+00	
	-21.00	-1.38E-05	-1.48E-06	2.28E-05	-1.48E-04	-4.55E-05	2.97E-04	6.67E-05	-8.20E-05				
50	538.67	-1.45E+00	-4.24E-01	-3.51E-01	-6.88E+00	-2.58E+00	8.45E+00	5.96E+00	-7.84E+00	-47.13	-7.73E+00	1.18E+00	
	-10.00	-3.09E-05	8.60E-06	9.86E-06	-5.29E-04	-1.98E-04	6.50E-04	2.54E-04	-2.76E-04				
51	484.67	2.32E+01	1.61E+01	1.69E+01	4.66E-01	-1.84E+00	1.14E+00	2.32E+01	1.61E+01	3.74	1.61E+01	-4.66E-01	
	8.00	2.75E-04	1.36E-06	3.26E-05	3.59E-05	-1.42E-04	8.73E-05	2.76E-04	1.93E-07				
52	507.00	-6.04E+00	-7.19E+00	-4.38E+00	-4.00E+00	-1.19E+00	-3.35E+00	-2.56E+00	-1.06E+01	-40.95	-9.81E+00	-2.47E+00	
	9.00	-3.88E-05	-8.27E-05	2.48E-05	-3.08E-04	-9.13E-05	-2.58E-04	9.48E-05	-2.16E-04				
53	503.00	-2.34E-01	9.86E-02	-1.30E-01	-2.94E+00	-1.31E+00	2.72E+00	2.87E+00	-3.01E+00	-46.62	1.63E+00	-2.40E+00	
	-10.00	-6.08E-06	6.71E-06	-2.09E-06	-2.26E-04	-1.01E-04	2.09E-04	1.13E-04	-1.13E-04				
54	712.00	4.04E-01	-3.63E-01	-1.93E-02	-4.58E+00	-3.87E-01	4.24E+00	4.62E+00	-4.58E+00	-42.61	4.04E-01	-4.58E+00	
	-303.00	1.81E-05	-1.68E-05	-1.16E-06	-4.17E-04	-3.52E-05	3.86E-04	2.10E-04	-2.08E-04				
55	712.00	2.53E+00	1.42E+00	1.38E+00	-5.03E+00	-1.25E+00	4.17E+00	7.04E+00	-3.05E+00	-41.85	2.53E+00	-5.03E+00	
	-213.00	4.58E-05	-4.67E-06	-6.57E-06	-4.58E-04	-1.13E-04	3.79E-04	2.51E-04	-2.10E-04				
56	712.00	3.19E+00	1.67E+00	7.50E-01	-3.85E+00	-2.94E+00	3.18E+00	6.35E+00	-1.45E+00	-39.43	3.19E+00	-3.85E+00	
	-138.00	4.30E-05	8.54E-06	-1.23E-05	-1.75E-04	-1.34E-04	1.44E-04	1.15E-04	-6.33E-05				
57	712.00	7.97E-01	-1.93E-02	-1.99E-01	-2.41E+00	-1.22E+00	2.55E+00	2.83E+00	-2.05E+00	-40.19	7.97E-01	-2.41E+00	
	-78.00	2.43E-05	-7.10E-06	-1.40E-05	-1.85E-04	-9.35E-05	1.97E-04	1.03E-04	-8.54E-05				
58	712.00	1.08E+00	8.46E-01	2.02E-01	-3.24E+00	-1.10E+00	3.01E+00	4.21E+00	-2.28E+00	-43.95	1.08E+00	-3.24E+00	
	-18.00	1.83E-05	9.11E-06	-1.57E-05	-2.50E-04	-8.45E-05	2.32E-04	1.39E-04	-1.11E-04				
59	837.00	1.30E+01	7.24E+00	8.11E+00	-3.84E+00	-2.14E+00	3.56E+00	1.49E+01	5.33E+00	-26.50	7.24E+00	3.84E+00	
	-318.00	2.24E-04	-3.94E-05	.00E+00	-3.49E-04	-1.94E-04	3.24E-04	3.11E-04	-1.26E-04				
60	887.00	1.90E+00	2.51E-01	8.61E-01	-1.03E+01	-8.57E-01	7.84E+00	1.14E+01	-9.23E+00	-42.70	-8.37E+00	4.10E+00	
	-388.00	4.73E-05	-2.77E-05	.00E+00	-9.34E-04	-7.80E-05	7.12E-04	4.78E-04	-4.55E-04				
61	987.00	2.27E+00	-1.48E+00	-1.50E+00	-1.05E+01	3.98E-01	7.07E+00	8.58E+00	-1.23E+01	-46.07	-2.27E+00	-1.05E+01	
	-388.0[illegible]	[illegible].48E-05	7.38E-07	.00E+00	-9.50E-04	3.62E-05	[illegible]E-04	4.58E-04	-4.92E-04				
62	103[illegible]	[illegible].30E+01	7.85E+00	8.33E+00	-7.67E+00	-1.68E+0[illegible]	[illegible]E+00	1.85E+01	2.33E+00	-35.76	7.85E+00	7[illegible]	

	-31E.00	1.11E-04	-2.12E-05	.00E+00	-6.97E-04	-1.53E-04	[illegible]-04	4.62E-04	-2.73E-04					
63	862.00	[illegible].80E-01	2.06E-01	-2.47E-01	-5.18E+00	-2.59E-01	4.[illegible]E+00	5.42E+00	-4.94E+00	-44.80	2.80E-01	-5.18E+[illegible]		
	-213.00	5.63E-06	6.26E-06	-1.43E-05	-4.71E-04	-2.34E-05	3.67E-04	2.43E-04	-2.26E-04					
64	1012.00	-7.23E-01	-2.98E-01	-9.14E-01	-5.59E+00	1.16E-01	4.00E+00	5.03E+00	-6.15E+00	-45.83	-7.23E-01	-5.59E+00		
	-213.00	-6.45E-06	8.34E-06	-1.51E-05	-5.06E-04	1.05E-05	3.64E-04	2.55E-04	-2.53E-04					
65	937.00	-2.66E-01	4.69E-01	-1.30E+00	-3.91E+00	-1.03E+00	4.29E+00	4.04E+00	-3.82E+00	-47.76	4.89E-01	3.91E+00		
	-148.00	-4.17E-07	1.67E-05	-2.30E-05	-1.70E-04	-4.70E-05	1.95E-04	9.74E-05	-8.11E-05					
66	937.00	8.69E-01	3.59E-01	-9.38E-01	-6.89E+00	-5.37E-01	4.94E+00	7.36E+00	-6.43E+00	-44.56	-4.36E+00	4.92E+00		
	-128.00	1.30E-05	8.22E-06	-2.13E-05	-3.13E-04	-2.44E-05	2.24E-04	1.67E-04	-1.46E-04					
67	1037.00	6.29E+00	1.68E+00	1.10E+00	-6.62E+00	-2.15E+00	5.74E+00	1.16E+01	-3.03E+00	-35.39	1.68E+00	6.62E+00		
	-148.00	9.55E-05	-9.46E-06	-2.26E-05	-3.01E-04	-9.79E-05	2.61E-04	2.02E-04	-1.16E-04					
68	837.00	2.12E+00	2.19E+00	9.82E-01	-7.51E+00	-1.25E+00	5.51E+00	5.66E+00	-5.36E+00	-45.12	2.12E+00	-7.51E+00		
	-68.00	2.35E-05	2.58E-05	-2.03E-05	-5.78E-04	-9.60E-05	4.24E-04	3.13E-04	-2.64E-04					
69	937.00	2.24E+00	-4.43E-01	-3.22E-01	-4.03E+00	-1.27E+00	3.41E+00	5.15E+00	-3.35E+00	-35.81	-4.43E-01	4.03E+00		
	-88.00	6.99E-05	-3.32E-05	-2.86E-05	-3.10E-04	-9.70E-05	2.62E-04	1.82E-04	-1.45E-04					
70	1037.00	3.92E-01	-2.54E-01	-8.84E-01	-6.88E+00	3.51E-01	6.91E+00	6.95E+00	-6.81E+00	-43.66	-4.91E+00	4.76E+00		
	-68.00	2.33E-05	-1.56E-06	-2.50E-05	-5.29E-04	2.70E-05	5.32E-04	2.76E-04	-2.54E-04					
71	862.00	1.52E+00	1.07E+00	5.03E-02	-3.19E+00	-1.08E+00	2.85E+00	4.49E+00	-1.90E+00	-42.96	1.52E+00	-3.19E+00		
	-18.00	2.95E-05	1.21E-05	-2.71E-05	-2.45E-04	-8.30E-05	2.19E-04	1.44E-04	-1.02E-04					
72	1012.00	-5.72E-01	-6.73E-01	-1.57E+00	-3.41E+00	2.01E-01	2.55E+00	2.79E+00	-4.04E+00	-44.58	-5.72E-01	-3.41E+00		
	-18.00	8.92E-06	5.03E-06	-2.94E-05	-2.63E-04	1.55E-05	1.96E-04	1.38E-04	-1.24E-04					
73	1387.00	-7.19E-01	-7.53E-01	-7.45E-01	-4.15E+00	9.40E-04	2.43E+00	3.41E+00	-4.86E+00	-44.88	-7.19E-01	-4.15E+00		
	-303.00	-3.86E-06	-5.45E-06	-5.08E-06	-3.77E-04	8.55E-08	2.21E-04	1.84E-04	-1.93E-04					
74	1387.00	-1.15E-01	9.98E-02	-4.96E-01	-4.38E+00	-5.89E-02	2.43E+00	4.37E+00	-4.39E+00	-45.70	-1.15E-01	-4.38E+00		
	-213.00	1.41E-06	1.12E-05	-1.59E-05	-3.98E-04	-5.36E-06	2.21E-04	2.05E-04	-1.93E-04					
75	1387.00	-1.08E-02	-3.24E-01	-1.43E+00	-3.23E+00	-2.06E-01	1.61E+00	3.06E+00	-3.40E+00	-43.61	-1.08E-02	-3.23E+00		
	-138.00	9.00E-06	1.88E-06	-2.32E-05	-1.47E-04	-9.38E-06	7.34E-05	7.88E-05	-6.80E-05					
76	1187.00	1.09E+00	8.00E-01	-6.27E-02	-4.91E+00	-7.85E-01	1.56E+00	5.86E+00	-3.97E+00	-44.14	1.09E+00	-4.91E+00		
	-68.00	2.20E-05	1.06E-05	-2.25E-05	-3.78E-04	-6.04E-05	1.20E-04	2.05E-04	-1.73E-04					
77	1387.00	1.43E+00	1.15E+00	-6.77E-02	-2.52E+00	-5.73E-01	1.75E+00	3.81E+00	-1.24E+00	-43.38	1.15E+00	2.52E+00		
	-88.00	2.75E-05	1.65E-05	-3.02E-05	-1.94E-04	-4.41E-05	1.35E-04	1.19E-04	-7.52E-05					
78	1587.00	2.87E-01	2.11E-01	-7.61E-01	-3.12E+00	8.85E-02	9.65E-01	3.37E+00	-2.87E+00	-44.65	-9.87E-01	2.87E+00		
	-68.00	1.39E-05	1.10E-05	-2.64E-05	-2.40E-04	6.81E-06	7.42E-05	1.33E-04	-1.08E-04					
79	1237.00	1.83E+00	7.68E-01	-6.49E-02	-2.68E+00	-9.01E-01	1.47E+00	4.03E+00	-1.43E+00	-39.38	1.83E+00	-2.68E+00		
	-18.00	4.26E-05	1.68E-06	-3.04E-05	-2.06E-04	-6.16E-05	1.13E-04	1.27E-04	-8.28E-05					
80	1433.80	1.11E+00	4.50E-01	-4.93E-01	-3.11E+00	-3.04E-01	1.06E+00	3.91E+00	-2.35E+00	-41.96	1.11E+00	-3.11E+00		
	-8.00	3.10E-05	5.56E-06	-3.07E-05	-2.39E-04	-2.34E-05	8.14E-05	1.39E-04	-1.02E-04					
81	1533.80	1.83E+00	4.35E-01	-1.80E-01	-1.85E+00	-2.28E-01	6.97E-01	3.11E+00	-8.47E-01	-34.70	4.35E-01	1.85E+00		
	-28.00	4.74E-05	-6.14E-06	-2.98E-05	-1.42E-04	-1.75E-05	5.36E-05	9.67E-05	-5.54E-05					
82	1633.80	1.88E+00	6.06E-01	-2.53E-02	-6.61E-01	8.60E-02	1.14E-01	2.16E+00	3.24E-01	-23.06	3.28E-01	7.87E-02		
	-8.00	4.52E-05	-3.70E-06	-2.80E-05	-5.09E-05	6.62E-06	8.79E-06	5.60E-05	-1.45E-05					
83	1433.80	7.64E+00	3.35E+00	3.15E+00	-2.07E+00	-1.93E+00	8.16E-01	8.48E+00	2.51E+00	-22.00	3.35E+00	2.07E+00		
	27.60	1.39E-04	-2.66E-05	-3.43E-05	-1.59E-04	-1.49E-04	6.28E-05	1.71E-04	-5.86E-05					
84	1296.10	2.69E+00	3.89E-01	-2.39E-02	-2.20E+00	-9.24E-01	1.08E+00	4.02E+00	-9.40E-01	-31.17	1.73E+00	2.47E+00		
	40.70	7.00E-05	-1.86E-05	-3.45E-05	-1.69E-04	-7.11E-05	8.28E-05	1.21E-04	-6.98E-05					
85	1148.60	1.17E+00	-5.59E-01	-8.53E-01	-2.88E+00	-1.03E+00	5.57E-01	3.31E+00	-2.71E+00	-36.68	-2.24E+00	-1.61E+00		
	57.33	4.75E-05	-1.88E-05	-3.01E-05	-2.22E-04	-7.89E-05	4.28E-05	1.30E-04	-1.01E-04					
86	1131.40	9.69E+00	4.67E+00	4.16E+00	-1.14E+00	-3.70E+00	3.42E-02	9.94E+00	4.42E+00	-12.25	4.67E+00	1.14E+00		
	112.00	1.69E-04	-2.39E-05	-4.35E-05	-8.80E-05	-2.84E-04	2.63E-06	1.79E-04	-3.34E-05					
87	1019.80	2.85E+00	1.40E+00	4.64E-01	-3.13E+00	-1.47E+00	4.46E+00	5.34E+00	-1.09E+00	-38.50	1.40E+00	3.13E+00		
	34.67	5.77E-05	2.06E-06	-3.39E-05	-2.41E-04	-1.13E-04	3.43E-04	1.53E-04	-9.37E-05					
88	886.60	1.31E+00	6.19E-01	-2.74E-01	-2.54E+00	-7.20E-01	2.63E+00	3.53E+00	-1.60E+00	-41.13	1.31E+00	-2.54E+00		
	46.00	3.22E-05	5.63E-06	-2.87E-05	-1.95E-04	-5.54E-05	2.02E-04	1.18E-04	-7.97E-05					
89	869.80	5.09E+00	2.59E+00	2.11E+00	-1.42E+00	-2.35E+00	7.23E-01	6.50E+00	2.06E+00	-19.68	2.58E+00	1.42E+00		
	96.00	1.13E-04	-1.82E-05	-3.62E-05	-1.09E-04	-1.80E-04	5.56E-05	1.33E-04	-3.79E-05					
90	952.60	1.02E+00	-2.88E+00	-1.95E+00	-3.73E+00	-1.12E+00	2.73E+00	3.28E+00	-5.14E+00	-31.22	-4.13E+00	2.74E+00		
	128.00	8.10E-05	-6.88E-05	-3.31E-05	-2.87E-04	-9.64E-05	2.10E-04	1.68E-04	-1.56E-04					
91	869.80	1.74E+00	2.84E-01	-2.44E-01	-1.69E+00	-1.20E+00	4.83E-01	2.85E+00	-8.32E-01	-33.39	1.74E+00	-1.69E+00		
	160.00	4.73E-05	-8.59E-06	-2.88E-05	-1.30E-04	-9.25E-05	3.72E-05	9.02E-05	-5.15E-05					
92	869.80	8.65E+00	2.91E+00	2.99E+00	-1.03E+00	-4.50E+00	1.06E+00	8.83E+00	2.73E+00	-9.88	2.91E+00	1.03E+00		
	203.60	1.73E-04	-4.91E-05	-4.47E-05	-7.93E-05	-3.47E-04	8.16E-05	1.80E-04	-5.50E-05					
93	598.67	-5.74E-01	2.43E-01	-4.59E-01	-5.03E+00	-3.18E+00	5.77E+00	4.99E+00	-5.22E+00	-47.32	2.43E-01	5.03E+00		
	16.00	-1.34E-05	1.80E-05	-8.99E-06	-3.87E-04	-2.45E-04	4.44E-04	1.97E-04	-1.92E-04					
94	645.75	7.58E-01	6.31E-01	1.78E-01	-3.24E+00	-1.26E+00	2.74E+00	3.94E+00	-2.55E+00	-44.44	7.58E-01	-3.24E+00		

	24.00	1.19E-05	7.05E-06	-1.04E-05	-2.49E-04	-9.71E-05	2.11E-04	1.34E-04	-1.15E-04					
95	613.10	9.94E-01	1.75E+00	9.72E-01	-5.63E+00	-1.32E+00	3.65E-01	7.01E+00	-4.27E+00	-46.91	9.94E-01	-5.63E+00		
	69.33	-2.56E-06	2.64E-05	-3.42E-06	-4.33E-04	-1.01E-04	2.80E-05	2.29E-04	-2.05E-04					
96	708.45	1.49E+00	4.57E-01	4.03E-02	-2.60E+00	-1.21E+00	2.08E+00	3.63E+00	-1.68E+00	-39.39	2.05E+00	2.43E+00		
	55.00	3.54E-05	-4.37E-06	-2.01E-05	-2.00E-04	-1.00E-04	1.60E-04	1.18E-04	-8.66E-05					
97	613.10	4.19E+00	1.76E+00	1.56E+00	-1.85E+00	-4.39E+00	1.30E+00	5.19E+00	7.62E-01	-28.33	1.76E+00	1.85E+00		
	96.00	7.87E-05	-1.49E-05	-2.25E-05	-1.42E-04	-3.37E-04	1.00E-04	1.17E-04	-5.33E-05					
98	682.27	1.64E+00	6.59E-01	1.86E-01	-3.65E+00	-1.34E+00	2.11E+00	4.83E+00	-2.53E+00	-41.15	-1.99E+00	1.92E+00		
	112.00	3.59E-05	-2.01E-06	-2.02E-05	-2.80E-04	-1.03E-04	1.62E-04	1.58E-04	-1.25E-04					
99	751.43	5.61E+00	-7.18E-01	8.99E-01	-3.92E+00	-3.15E+00	5.04E+00	7.48E+00	-2.55E+00	-25.54	-7.18E-01	3.92E+00		
	96.00	1.52E-04	-9.12E-05	-2.90E-05	-3.01E-04	-2.43E-04	3.88E-04	2.24E-04	-1.63E-04					
100	683.25	1.33E+00	3.47E-01	-1.67E-01	-1.32E+00	-1.04E+00	1.78E+00	2.25E+00	-5.72E-01	-34.78	1.33E+00	-1.32E+00		
	152.00	3.47E-05	-3.29E-06	-2.31E-05	-1.02E-04	-7.96E-05	1.37E-04	7.00E-05	-3.86E-05					
101	648.67	7.25E+00	3.31E+00	3.08E+00	-8.46E-01	-3.04E+00	1.03E+00	7.43E+00	3.14E+00	-11.62	3.31E+00	8.46E-01		
	192.00	1.29E-04	-2.25E-05	-3.16E-05	-6.51E-05	-2.33E-04	7.95E-05	1.36E-04	-2.92E-05					
102	725.25	1.13E+00	-6.32E-01	-7.34E-01	-1.38E+00	-8.10E-01	1.35E+00	1.88E+00	-1.36E+00	-28.68	2.27E-01	1.63E+00		
	232.70	4.60E-05	-2.17E-05	-2.56E-05	-1.06E-04	-6.23E-05	1.04E-04	7.50E-05	-5.07E-05					
103	635.50	1.15E+00	1.44E+00	3.22E-01	-1.51E-02	-6.29E-01	-5.97E-01	1.45E+00	1.15E+00	-67.05	1.15E+00	-1.51E-02		
	256.00	1.22E-05	2.35E-05	-1.97E-05	-1.16E-06	-4.84E-05	-4.59E-05	2.35E-05	1.22E-05					
104	635.50	2.61E+00	1.80E+00	6.23E-01	8.58E-02	-2.26E+00	1.16E-01	2.61E+00	1.79E+00	5.99	1.80E+00	-8.58E-02		
	290.67	4.50E-05	1.39E-05	-3.12E-05	6.60E-06	-1.74E-04	8.90E-06	4.53E-05	1.35E-05					
105	569.00	-9.52E-01	2.04E-01	-2.07E-01	-5.24E+00	-1.71E+00	4.89E+00	4.89E+00	-5.64E+00	-48.15	-9.52E-01	-5.24E+00		
	16.50	-2.61E-05	1.83E-05	2.55E-06	-4.03E-04	-1.31E-04	3.76E-04	1.99E-04	-2.07E-04					
106	508.50	-1.14E+01	-7.57E+00	-7.34E+00	-3.91E+00	-4.13E+00	1.43E+00	-5.13E+00	-1.38E+01	-58.05	-7.57E+00	3.91E+00		
	13.00	-1.50E-04	-2.01E-06	6.86E-06	-3.01E-04	-3.18E-04	1.10E-04	9.18E-05	-2.43E-04					
107	521.00	-3.02E+00	-1.30E+00	-1.12E+00	-5.20E+00	-1.43E+00	2.69E+00	3.12E+00	-7.43E+00	-49.70	-3.02E+00	-5.20E+00		
	15.75	-5.63E-05	9.93E-06	1.65E-05	-4.00E-04	-1.10E-04	2.07E-04	1.80E-04	-2.26E-04					
108	526.25	-2.60E+00	-1.08E+00	-1.00E+00	-5.73E+00	-1.21E+00	2.79E+00	3.95E+00	-7.62E+00	-48.78	-2.60E+00	-5.73E+00		
	21.00	-4.95E-05	9.99E-06	1.29E-05	-4.41E-04	-9.30E-05	2.15E-04	2.03E-04	-2.42E-04					
109	515.50	-7.17E+00	-4.77E+00	-4.79E+00	-7.13E+00	-2.92E+00	1.45E+00	1.25E+00	-1.32E+01	-49.79	-4.77E+00	7.13E+00		
	26.00	-9.21E-05	4.60E-07	-3.57E-07	-5.48E-04	-2.25E-04	1.11E-04	2.32E-04	-3.24E-04					
110	531.50	-1.04E+00	-5.55E-01	-4.41E-01	-4.67E+00	-8.48E-01	2.40E+00	3.88E+00	-5.47E+00	-46.48	-1.04E+00	-4.67E+00		
	34.50	-1.76E-05	1.02E-06	5.39E-06	-3.59E-04	-6.52E-05	1.85E-04	1.71E-04	-1.88E-04					
111	515.50	3.30E+00	5.34E+00	3.86E+00	-1.38E+01	-6.70E-01	-5.65E-01	1.82E+01	-9.52E+00	-47.12	3.30E+00	-1.38E+01		
	44.00	-1.05E-05	6.81E-05	1.10E-05	-1.06E-03	-5.16E-05	-4.35E-05	5.61E-04	-5.03E-04					
112	515.50	9.10E-01	4.77E-01	4.07E-01	-3.18E+00	-1.71E+00	1.17E+00	3.88E+00	-2.49E+00	-43.05	4.77E-01	3.18E+00		
	53.33	1.53E-05	-1.38E-06	-4.07E-06	-2.44E-04	-1.32E-04	9.04E-05	1.29E-04	-1.16E-04					
113	547.50	1.91E+00	-5.60E-01	4.02E-01	-4.95E+00	-1.02E+00	5.26E+00	5.78E+00	-4.43E+00	-37.99	-2.10E+00	4.28E+00		
	64.00	5.43E-05	-4.08E-05	-3.83E-06	-3.81E-04	-7.81E-05	4.05E-04	2.03E-04	-1.90E-04					
114	515.50	4.08E+00	4.85E+00	3.55E+00	-5.77E+00	-3.75E-01	1.09E+00	1.02E+01	-1.33E+00	-46.90	4.08E+00	-5.77E+00		
	74.67	1.98E-05	4.93E-05	-6.41E-07	-4.44E-04	-2.88E-05	8.38E-05	2.57E-04	-1.88E-04					
115	515.50	7.92E+00	4.94E+00	4.93E+00	-2.07E+00	-1.33E+00	1.11E+00	8.98E+00	3.88E+00	-27.10	4.94E+00	2.07E+00		
	88.00	1.09E-04	-5.59E-06	-5.79E-06	-1.59E-04	-1.03E-04	8.57E-05	1.50E-04	-4.63E-05					
116	547.50	4.82E+00	6.05E-01	1.97E+00	-6.25E+00	-8.91E-01	3.88E+00	9.31E+00	-3.88E+00	-35.67	-2.09E+00	4.52E+00		
	104.00	1.04E-04	-5.81E-05	-5.45E-06	-4.81E-04	-6.86E-05	2.98E-04	2.77E-04	-2.31E-04					
117	515.50	1.57E+00	1.74E+00	9.79E-01	-4.60E+00	-1.14E-01	1.87E+00	6.26E+00	-2.94E+00	-45.53	1.57E+00	-4.60E+00		
	120.00	1.33E-05	1.98E-05	-9.53E-06	-3.54E-04	-8.79E-06	1.44E-04	1.93E-04	-1.60E-04					
118	515.50	5.35E+00	3.20E+00	2.92E+00	-1.77E+00	-7.46E-01	9.35E-01	6.35E+00	2.21E+00	-29.39	3.20E+00	1.77E+00		
	136.00	7.96E-05	-2.93E-06	-1.37E-05	-1.36E-04	-5.74E-05	7.20E-05	1.18E-04	-4.13E-05					
119	547.50	4.15E+00	1.40E+00	1.76E+00	-4.19E+00	-5.04E-01	2.16E+00	7.19E+00	-1.62E+00	-35.88	-4.04E-01	3.04E+00		
	152.00	7.96E-05	-2.65E-05	-1.29E-05	-3.22E-04	-3.87E-05	1.66E-04	1.96E-04	-1.43E-04					
120	515.50	1.99E+00	1.82E+00	8.98E-01	-3.10E+00	-1.06E-01	9.10E-01	5.01E+00	-1.20E+00	-44.23	1.99E+00	-3.10E+00		
	168.00	2.47E-05	1.83E-05	-1.71E-05	-2.39E-04	-8.13E-06	7.00E-05	1.41E-04	-9.79E-05					
121	515.50	7.05E+00	4.25E+00	3.79E+00	-1.37E+00	-8.73E-01	6.95E-01	7.61E+00	3.69E+00	-22.19	4.25E+00	1.37E+00		
	184.00	1.05E-04	-2.33E-06	-2.01E-05	-1.05E-04	-6.71E-05	5.35E-05	1.27E-04	-2.38E-05					
122	547.50	2.50E+00	-1.20E+00	-1.68E-01	-4.55E+00	-4.69E-01	3.10E+00	5.56E+00	-4.26E+00	-33.92	-3.12E+00	3.14E+00		
	200.00	8.38E-05	-5.87E-05	-1.89E-05	-3.50E-04	-3.60E-05	2.38E-04	2.01E-04	-1.76E-04					
123	515.50	-8.98E-01	-1.45E+00	-1.80E+00	-2.19E+00	2.32E-01	1.15E+00	1.03E+00	-3.38E+00	-41.39	-8.98E-01	-2.19E+00		
	216.00	1.11E-05	-1.02E-05	-2.37E-05	-1.68E-04	1.79E-05	8.86E-05	8.53E-05	-8.44E-05					
124	515.50	1.84E+00	8.62E-01	1.98E-01	-5.16E-01	9.74E-03	4.60E-01	2.07E+00	6.40E-01	-23.21	8.62E-01	5.16E-01		
	232.00	3.00E-05	1.22E-06	-2.43E-05	-3.97E-05	6.72E-07	3.54E-05	4.75E-05	-7.29E-06					
125	547.50	7.45E-01	6.64E-02	-5.00E-01	-1.04E+00	6.19E-02	2.04E+00	1.50E+00	-6.84E-01	-35.93	-3.81E-01	7.54E-01		
	248.0[illegible]	[illegible].53E-05	-7.79E-07	-2.29E-05	-7.97E-05	4.75E-06	[illegible]7E-04	5.42E-05	-2.96E-05					
126	51[illegible]	[illegible].88E+00	-2.65E+00	-2.73E+00	2.54E-01	5.29E-01	[illegible]F+00	-1.80E+00	-2.73E+00	16.56	-1.88E+00	2.[illegible]		

	264.	[illegible]59E-04	-2.23E-05	-2.52E-05	1.95E-05	4.07E-05	[illegible]-04	1.05E-05	-2.52E-05				
127	515.50	[illegible].55E-01	2.07E-01	-3.95E-01	-1.26E-01	5.53E-01	[illegible]-01	6.88E-01	1.74E-01	-14.67	2.07E-01	1.26E[illegible]	
	276.00	2.00E-05	2.83E-06	-2.03E-05	-2.68E-06	5.57E-05	2.00E-05	2.13E-05	1.57E-06				
128	521.50	-1.13E+00	-6.52E-01	-1.51E+00	-8.59E-02	4.68E-01	1.70E-01	-6.72E-01	-1.14E+00	-79.31	-1.13E+00	-8.59E-02	
	297.00	-6.90E-06	1.01E-05	-2.15E-05	-6.60E-06	3.60E-05	1.31E-05	1.07E-05	-7.42E-06				
129	515.50	-3.95E+00	-3.00E+00	-3.58E+00	8.29E-01	4.53E-01	8.21E-01	-2.52E+00	-4.43E+00	59.87	-3.95E+00	8.29E-01	
	320.00	-3.61E-05	3.14E-07	-2.20E-05	6.38E-05	3.79E-05	6.32E-05	1.86E-05	-5.46E-05				
183	565.50	-2.88E-01	4.92E-01	6.23E-01	-7.89E+00	-2.23E+00	6.11E+00	8.00E+00	-7.80E+00	-46.41	-2.88E-01	-7.89E+00	
	-8.00	-1.90E-05	1.20E-05	9.39E-06	-6.07E-04	-1.72E-04	4.70E-04	3.01E-04	-3.07E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.9941E+02	.6190E+03	.3455E+02	-.7791E+02	-.1668E+03	.1164E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1093E+02	-.4587E+01	-.1857E+01	-.7600E+02	.4547E+02	.6357E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.8912E+01	.1413E+01	-.7607E+00	-.1250E+03	.1000E+03	.1171E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1265E+02	-.2923E+01	-.6940E-01	-.1757E+03	.1580E+03	.1715E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1388E+02	.2005E+01	-.1169E+00	-.2263E+03	.2151E+03	.2312E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1672E+01	.1455E+01	-.7907E+00	-.3014E+03	.2743E+03	.3037E+03
25	-.3331E+02	-.5393E+01	-.1208E+00	-.3741E+03	.3025E+03	.3749E+03
26	.7276E+01	.1705E+00	.1532E+00	-.4061E+03	.3203E+03	.4270E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1804E+03	.3430E+02	-.5701E+01	-.4176E+03	.4459E+03	.4694E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2863E+04	-.5040E+03	.2442E+02	-.5862E+03	.1707E+04	.7444E+03
40	-.2063E+04	-.3304E+03	.3458E-01	-.5539E+03	.1191E+04	.6820E+03
41	-.1425E+04	-.1969E+03	-.2319E+02	-.4810E+03	.1079E+04	.5910E+03
42	-.3559E+03	-.2982E+02	-.2425E+02	-.4198E+03	.7646E+03	.5150E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.3732E+04	.4967E+03	.2063E+02	-.1010E+03	.1278E+04	-.3971E+03
48	.3248E+04	.4294E+03	.2311E+02	-.1827E+03	.1184E+04	-.2831E+03

49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.5147E+04	.7559E+03	.2462E+02	.1305E+03	.8823E+03	-.1166E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1515E+02	-.1939E+02	.1450E+01	-.5983E+02	.1257E+04	-.3747E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.3536E+04	.5363E+03	.2438E+02	.5518E+02	.7087E+03	-.1094E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2474E+04	.3767E+03	.3258E+02	.5639E+02	.6601E+03	-.1063E+04
66	.3221E+03	.1277E+03	.4088E+02	.7076E+02	.5350E+03	-.1108E+04
67	-.1718E+04	-.2542E+03	.4087E+02	.6727E+02	.4047E+03	-.1105E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3056E+04	-.4556E+03	.3413E+02	-.7279E+02	.2879E+03	-.1112E+04
76	.3335E+03	.5154E+02	.2326E+02	-.1149E+03	.1386E+03	-.1128E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1283E+04	-.1926E+03	.1696E+02	-.1450E+03	-.4014E+02	-.1089E+04
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.5437E+03	.8045E+02	.1201E+02	-.2178E+03	-.1470E+03	-.1064E+04
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.7494E+03	-.1151E+03	.1071E+02	-.1650E+03	-.2981E+03	-.9815E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.5004E+03	.7152E+02	.8949E+01	-.1424E+03	-.3863E+03	-.8950E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.5721E+03	-.9058E+02	.9086E+01	-.1462E+03	-.5137E+03	-.8061E+03
109	.3410E+03	.4560E+02	.7744E+01	-.1503E+03	-.5953E+03	-.6965E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
112	-.4774E+03	-.7819E+02	.7469E+01	[illegible]	-.6911E+03	-.5815E+03

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
115	-.2204E+03	-.4147E+02	.1185E+01	-.42[illegible]	-.7315E+03	-.4615E+03
116	-.9172E+02	-.3113E+02	-.9445E+00	-.5739E+01	-.7354E+03	-.3379E+03
117	-.2155E+03	-.4055E+02	-.3294E+01	.1682E+02	-.7649E+03	-.2620E+03
118	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
119	-.2338E+03	-.4368E+02	-.5603E+01	-.1424E+02	-.7830E+03	-.2262E+03
120	-.1704E+03	-.3351E+02	-.8090E+01	.5986E+02	-.7114E+03	-.1361E+03
121	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
122	-.4268E+03	-.5440E+02	-.2563E+02	.4966E+02	-.6092E+03	-.7609E+02
123	-.3582E+03	-.2432E+02	-.4193E+02	-.1986E+02	-.5869E+03	-.7124E+02
124	-.2707E+03	-.1564E+02	-.3710E+02	-.1360E+02	-.5120E+03	-.6399E+02
125	-.1963E+03	-.1059E+02	-.2560E+02	-.9296E+01	-.4212E+03	-.5812E+02
126	-.1278E+03	-.5015E+01	-.1878E+02	-.5728E+01	-.3477E+03	-.5253E+02
127	-.3717E+02	.8990E+01	-.1748E+02	-.1170E+01	-.2916E+03	-.4655E+02
128	.2849E+02	.1999E+02	-.1780E+02	.1899E+01	-.2482E+03	-.3899E+02
129	.5559E+02	.2869E+02	-.1689E+02	.9188E+01	-.1559E+03	-.3049E+02
130	.9402E+02	.2491E+02	-.1406E+02	.1243E+02	-.8923E+02	-.2312E+02
131	.6628E+02	.1517E+02	-.1016E+02	.1292E+02	-.3788E+02	-.1812E+02
132	.1720E+02	.2708E+01	-.6730E+01	.1114E+02	-.1101E+02	-.1517E+02
133	-.1962E+01	-.1256E+01	-.4939E+01	.7348E+01	-.1319E+02	-.1322E+02
134	-.3454E+01	-.1054E+01	-.4551E+01	.5057E+01	-.1642E+02	-.1120E+02
135	-.9433E+00	-.2972E+00	-.4560E+01	.3862E+01	-.1616E+02	-.8830E+01
136	.8155E-02	-.1196E-01	-.5128E+01	.2945E+01	-.9998E+01	-.6505E+01
137	.1487E-01	-.2619E-01	-.6823E+01	.2057E+01	-.6458E+01	-.4336E+01
138	.1424E+00	.4803E-01	-.1077E+02	.1402E+01	-.2904E+01	-.2367E+01
139	-.7403E-01	-.2474E+00	-.1840E+03	.8919E+00	.7563E+00	-.1176E+01
	-.1793E+00	-.2906E+00	.7306E+02	.1463E+00	-.4050E+00	.4011E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.32133E-01	.17092E-03	-.32122E-01	.00000E+00
3	.58623E-01	.59065E-03	-.58648E-01	.00000E+00
4	.63626E-01	.58453E-03	-.63552E-01	.00000E+00
5	.68754E-01	.34335E-04	-.68781E-01	.00000E+00
6	.77767E-01	-.13288E-04	-.77758E-01	.12130E-04
7	.71348E-01	.11168E-02	-.72237E-01	.00000E+00
8	.77982E-01	.84050E-03	-.78214E-01	.21831E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.31838E-01	.33071E-03	-.32105E-01	.00000E+00
11	.58992E-01	.69585E-03	-.59749E-01	.00000E+00
12	.65840E-01	.78089E-03	-.66731E-01	.00000E+00
13	.71329E-01	.60384E-03	-.71733E-01	.00000E+00
14	.78447E-01	.79457E-03	-.79420E-01	.61609E-05
15	.72322E-01	.15590E-02	-.75155E-01	.00000E+00
16	.79139E-01	.12755E-02	-.81404E-01	-.38892E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.32165E-01	.45410E-03	-.33277E-01	.00000E+00
19	.60136E-01	.84058E-03	-.62497E-01	.00000E+00
20	.67327E-01	.10360E-02	-.70122E-01	.00000E+00
21	.73064E-01	.63507E-03	-.75581E-01	.00000E+00
22	.80095E-01	.70940E-03	-.84179E-01	.18616E-05
23	.75055E-01	.22557E-02	-.81433E-01	.00000E+00
24	.81277E-01	.18850E-02	-.87828E-01	.24368E-04
25	.82106E-01	.24594E-02	-.90195E-01	-.75146E-06
26	.82597E-01	.23113E-02	-.91601E-01	-.10168E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.32296E-01	.96969E-03	-.34146E-01	.00000E+00
29	.61586E-01	.15304E-02	-.65068E-01	.00000E+00
30	.68469E-01	.17231E-02	-.74011E-01	.00000E+00
31	.75608E-01	.22278E-02	-.82410E-01	.00000E+00
32	.83100E-01	.26382E-02	-.93162E-01	.67487E-04

33	.71437E-01	.34343E-02	-.62338E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.33099E-01	.13273E-02	-.34119E-01	.00000E+00
36	.62114E-01	.19721E-02	-.65519E-01	.00000E+00
37	.69647E-01	.21757E-02	-.73600E-01	.00000E+00
38	.77712E-01	.26163E-02	-.85332E-01	.00000E+00
39	.84016E-01	.37125E-02	-.95823E-01	-.49549E-04
40	.83850E-01	.40353E-02	-.95204E-01	-.60686E-05
41	.83707E-01	.38931E-02	-.94629E-01	.24476E-04
42	.83465E-01	.34118E-02	-.93580E-01	.54218E-04
43	.69126E-01	.29114E-02	-.71534E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.30111E-01	-.31694E-03	-.30791E-01	.00000E+00
46	.62135E-01	.17034E-02	-.62287E-01	.00000E+00
47	.84092E-01	.33194E-02	-.96050E-01	-.43167E-04
48	.84069E-01	.35098E-02	-.96028E-01	-.66658E-04
49	.77630E-01	.28345E-02	-.84574E-01	.00000E+00
50	.84876E-01	.35044E-02	-.96390E-01	-.19308E-03
51	.78532E-01	.31939E-02	-.82285E-01	.00000E+00
52	.87980E-01	.30915E-02	-.90284E-01	.00000E+00
53	.84148E-01	.30795E-02	-.96136E-01	-.84564E-05
54	.69956E-01	.17041E-02	-.66332E-01	.00000E+00
55	.77377E-01	.26558E-02	-.73188E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.25866E-01	.27686E-02	-.22137E-01	.00000E+00
58	.55542E-01	.15323E-02	-.42378E-01	.00000E+00
59	.89745E-01	.21712E-02	-.84974E-01	.00000E+00
60	.88258E-01	.28912E-02	-.87562E-01	.00000E+00
61	.85621E-01	.35097E-02	-.96625E-01	-.29690E-03
62	.65257E-01	.80518E-03	-.51233E-01	.00000E+00
63	.75166E-01	.56723E-03	-.62357E-01	.00000E+00
64	.89786E-01	.29354E-02	-.91541E-01	.00000E+00
65	.86626E-01	.35187E-02	-.96845E-01	-.36861E-03
66	.89113E-01	.35225E-02	-.97286E-01	-.44725E-03
67	.91793E-01	.35215E-02	-.97766E-01	-.42600E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.20347E-01	-.37338E-03	-.13027E-01	.00000E+00
70	.58677E-01	.51151E-04	-.42043E-01	.00000E+00
71	.87448E-01	.23350E-03	-.71499E-01	.00000E+00
72	.92247E-01	.27386E-02	-.91660E-01	.00000E+00
73	.72211E-01	.12113E-03	-.47662E-01	.00000E+00
74	.97875E-01	.27153E-02	-.95810E-01	.00000E+00
75	.94071E-01	.35217E-02	-.98188E-01	-.32380E-03
76	.97128E-01	.36048E-02	-.99029E-01	-.22623E-03
77	.63129E-01	-.65223E-03	-.58629E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.24318E-01	.78601E-03	-.16845E-01	.00000E+00
80	.56027E-01	-.76084E-03	-.36397E-01	.00000E+00
81	.61944E-01	-.94561E-03	-.39513E-01	.00000E+00
82	.69451E-01	-.14150E-02	-.47986E-01	.00000E+00
83	.97534E-01	-.25126E-03	-.79319E-01	.00000E+00
84	.91642E-01	-.12375E-02	-.65289E-01	.00000E+00
85	.10059E+00	.36740E-02	-.10006E+00	-.18072E-03
86	.10146E+00	.27311E-02	-.98794E-01	.00000E+00
87	.93616E-01	-.11213E-02	-.54763E-01	.00000E+00
88	.10159E+00	.18762E-02	-.90004E-01	.00000E+00
89	.10327E+00	.37369E-02	-.10109E+00	-.14512E-03
90	.63936E-01	-.53207E-03	-.26776E-01	.00000E+00
91	.68616E-01	-.10313E-02	-.30019E-01	.00000E+00
92	.73571E-01	-.94140E-04	-.32195E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.27560E-01	.00000E+00	-.11053E-01	.00000E+00
95	.50695E-01	.00000E+00	-.19621E-01	.00000E+00
96	.58075E-01	.00000E+00	-.22696E-01	.00000E+00

	.60600E-01	.00000E+00	-.22053E-01	.00000E+00
	.55496E-01	.00000E+00	-.21285E-01	.00000E+00
99	.45155E-01	.13043E-03	-.23828E-01	.00000E+00
100	.90129E-01	-.14370E-03	-.39863E-01	.00000E+00
101	.97410E-01	.49466E-03	-.65245E-01	.00000E+00
102	.10665E+00	.38441E-02	-.10255E+00	-.13054E-03
103	.10720E+00	.41749E-03	-.81179E-01	.00000E+00
104	.10822E+00	.33586E-02	-.10236E+00	.00000E+00
105	.10921E+00	.39368E-02	-.10382E+00	-.11250E-03
106	.10980E+00	.51318E-03	-.89716E-01	.00000E+00
107	.11242E+00	.35346E-02	-.10390E+00	.00000E+00
108	.11216E+00	.39620E-02	-.10500E+00	-.10741E-03
109	.11428E+00	.40332E-02	-.10599E+00	-.91047E-04
110	.11290E+00	.35363E-02	-.94884E-01	.00000E+00
111	.11702E+00	.43774E-02	-.10673E+00	.00000E+00
112	.11659E+00	.40458E-02	-.10681E+00	-.81476E-04
113	.11610E+00	.29279E-02	-.99604E-01	.00000E+00
114	.11788E+00	.39740E-02	-.10744E+00	-.30640E-04
115	.11828E+00	.39495E-02	-.10789E+00	-.75061E-05
116	.11826E+00	.38272E-02	-.10811E+00	.11372E-04
117	.11770E+00	.46268E-02	-.10913E+00	.00000E+00
118	.11804E+00	.37998E-02	-.10820E+00	.25541E-04
119	.11733E+00	.37371E-02	-.10827E+00	.44373E-04
120	.11879E+00	.39727E-02	-.10925E+00	.00000E+00
121	.11594E+00	.36046E-02	-.10820E+00	.76103E-04
122	.11579E+00	.29711E-02	-.10834E+00	.91279E-04
123	.11555E+00	.23914E-02	-.10845E+00	.10319E-03
124	.11529E+00	.17147E-02	-.10855E+00	.11679E-03
125	.11494E+00	.95738E-03	-.10866E+00	.13279E-03
126	.11425E+00	-.49601E-03	-.10884E+00	.15091E-03
127	.11352E+00	-.20234E-02	-.10901E+00	.15264E-03
128	.11213E+00	-.51278E-02	-.10936E+00	.12307E-03
129	.11120E+00	-.73678E-02	-.10968E+00	.79301E-04
130	.11068E+00	-.87404E-02	-.11003E+00	.28597E-04
131	.11076E+00	-.86010E-02	-.11056E+00	-.25154E-04
132	.11126E+00	-.70390E-02	-.11103E+00	-.38922E-04
133	.11170E+00	-.54406E-02	-.11144E+00	-.31890E-04
134	.11198E+00	-.42123E-02	-.11177E+00	-.24849E-04
135	.11216E+00	-.31380E-02	-.11204E+00	-.22360E-04
136	.11229E+00	-.21344E-02	-.11224E+00	-.22655E-04
137	.11237E+00	-.12219E-02	-.11235E+00	-.22428E-04
138	.11242E+00	-.18545E-03	-.11242E+00	-.23591E-04
139	.11242E+00	-.22902E-04	-.11242E+00	-.22973E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC @ .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 AT TIME = .6400E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.58E-02	9.97E-02	1.88E-02	3.92E+00	1.05E-02	-3.94E+00	3.97E+00	-3.86E+00	45.31	1.58E-02	3.92E+00
	-303.00	-1.02E-06	2.79E-06	-8.91E-07	3.56E-04	9.52E-07	-3.59E-04	1.79E-04	-1.77E-04			
2	72.00	5.02E-02	1.40E-01	-3.46E-02	3.29E+00	-1.72E-03	-3.38E+00	3.38E+00	-3.19E+00	45.39	5.02E-02	3.29E+00
	-213.00	2.58E-07	4.36E-06	-3.61E-06	2.99E-04	-1.56E-07	-3.07E-04	1.52E-04	-1.47E-04			
3	72.00	5.29E-01	1.64E-01	-1.10E-01	2.20E+00	-2.05E-01	-2.39E+00	2.55E+00	-1.86E+00	42.62	5.29E-01	2.20E+00
	-138.00	8.97E-06	6.58E-07	-5.55E-06	9.98E-05	-9.31E-06	-1.08E-04	5.49E-05	-4.53E-05			
4	24.00	2.48E+00	1.30E+00	1.62E+00	4.09E+00	-6.64E-01	-4.46E+00	6.02E+00	-2.24E+00	40.89	2.48E+00	4.09E+00
	-68.00	3.60E-05	-9.45E-06	3.10E-06	3.15E-04	-5.11E-05	-3.43E-04	1.72E-04	-1.46E-04			
5	72.00	-7.91E-01	-3.73E-01	-9.18E-01	1.80E+00	8.38E-02	-1.93E+00	1.22E+00	-2.39E+00	48.28	-3.78E-01	-1.80E+00
	-88.00	-7.49E-04	8.40E-06	-1.24E-05	1.38E-04	6.44E-06	-1.48E-04	7.00E-05	-6.90E-05			
6	120.00	-4.23E-01	-4.24E-01	-6.09E-01	3.48E+00	1.87E-01	-3.44E+00	3.06E+00	-3.90E+00	45.00	3.00E+00	-6.28E-01
	-68.00	-2.75E-07	-3.03E-07	-7.42E-06	2.69E-04	1.44E-05	-2.65E-04	1.34E-04	-1.34E-04			
7	36.29	5.69E-01	3.83E-01	2.55E-01	1.93E+00	-2.53E-01	-1.85E+00	2.62E+00	-1.27E+00	40.68	9.01E-01	1.94E+00

	-19.00	1.96E-05	-2.51E-06	-7.45E-06	1.48E-04	-1.94E-05	-1.42E-04	8.33E-05	-6.66E-05				
8	108.00	-9.79E-02	-1.97E-01	-3.20E-01	1.45E+00	1.18E-02	-1.63E+00	1.34E+00	-1.64E+00	44.04	-9.79E-02	1.49E+00	
	-19.00	3.09E-06	-7.38E-07	-5.78E-06	1.15E-04	9.08E-07	-1.26E-04	5.85E-05	-5.62E-05				
9	216.00	1.97E-01	2.61E-01	1.36E-01	3.92E+00	-2.72E-02	-4.01E+00	4.15E+00	-3.68E+00	45.26	1.97E-01	3.92E+00	
	-303.00	1.14E-06	4.35E-06	-1.60E-06	3.56E-04	-2.47E-06	-3.64E-04	1.81E-04	-1.75E-04				
10	216.00	2.92E-01	2.71E-01	6.49E-02	3.38E+00	-9.25E-02	-3.50E+00	3.66E+00	-3.10E+00	44.91	2.92E-01	3.38E+00	
	-213.00	5.11E-06	4.18E-06	-5.20E-06	3.07E-04	-8.41E-06	-3.19E-04	1.56E-04	-1.49E-04				
11	216.00	5.21E-01	2.22E-01	-2.22E-01	2.60E+00	-2.95E-01	-2.76E+00	2.98E+00	-2.24E+00	43.36	5.21E-01	2.60E+00	
	-138.00	9.13E-06	2.34E-06	-7.87E-06	1.18E-04	-1.34E-05	-1.26E-04	6.50E-05	-5.36E-05				
12	168.00	1.17E+00	9.93E-01	6.71E-01	3.95E+00	-5.49E-01	-4.05E+00	5.04E+00	-2.88E+00	44.37	1.17E+00	3.95E+00	
	-68.00	1.38E-05	7.07E-06	-5.30E-06	3.04E-04	-4.22E-05	-3.12E-04	1.63E-04	-1.42E-04				
13	216.00	-1.09E+00	-3.82E-01	-1.06E+00	1.62E+00	1.02E-02	-1.70E+00	9.25E-01	-2.39E+00	51.13	-3.82E-01	-1.62E+00	
	-88.00	-1.40E-05	1.31E-05	-1.29E-05	1.25E-04	7.87E-07	-1.31E-04	6.34E-05	-6.43E-05				
14	264.00	1.24E-02	-3.77E-01	-5.31E-01	3.40E+00	6.07E-02	-3.51E+00	3.22E+00	-3.59E+00	43.36	3.13E+00	-8.05E-01	
	-68.00	1.03E-05	-4.65E-06	-1.06E-05	2.62E-04	4.67E-06	-2.70E-04	1.34E-04	-1.28E-04				
15	180.00	4.03E-01	7.83E-02	-1.35E-01	1.69E+00	-3.71E-01	-1.64E+00	1.96E+00	-1.46E+00	42.26	4.03E-01	1.69E+00	
	-19.00	1.17E-05	-8.00E-07	-8.99E-06	1.30E-04	-2.85E-05	-1.26E-04	7.08E-05	-5.99E-05				
16	252.00	2.23E-01	-1.31E-01	-3.96E-01	1.42E+00	-1.38E-01	-1.72E+00	1.47E+00	-1.38E+00	41.45	2.23E-01	1.42E+00	
	-19.00	1.18E-05	-1.80E-06	-1.16E-05	1.09E-04	-1.06E-05	-1.32E-04	5.99E-05	-4.99E-05				
17	361.00	2.60E-01	4.13E-01	2.06E-01	3.95E+00	-1.01E-02	-4.13E+00	4.25E+00	-3.62E+00	45.55	2.60E-01	3.95E+00	
	-303.00	4.14E-07	7.35E-06	-2.06E-06	3.59E-04	-9.17E-07	-3.75E-04	1.84E-04	-1.76E-04				
18	361.00	3.57E-01	3.74E-01	1.04E-01	3.54E+00	-6.24E-02	-3.70E+00	3.91E+00	-3.18E+00	45.07	3.57E-01	3.54E+00	
	-213.00	5.38E-06	6.15E-06	-6.10E-06	3.22E-04	-5.68E-06	-3.37E-04	1.67E-04	-1.55E-04				
19	361.00	5.83E-01	2.79E-01	-2.87E-01	2.77E+00	-2.77E-01	-3.12E+00	3.20E+00	-2.34E+00	43.42	5.83E-01	2.77E+00	
	-138.00	1.02E-05	3.32E-06	-9.54E-06	1.26E-04	-1.26E-05	-1.42E-04	6.98E-05	-5.62E-05				
20	312.00	2.05E+00	1.52E+00	1.10E+00	4.45E+00	-9.40E-01	-4.86E+00	6.25E+00	-2.68E+00	43.27	2.05E+00	4.45E+00	
	-68.00	2.77E-05	6.97E-06	-8.96E-06	3.43E-04	-7.23E-05	-3.74E-04	1.89E-04	-1.54E-04				
21	360.67	-1.79E+00	-9.35E-01	-1.61E+00	2.10E+00	1.54E-01	-2.48E+00	7.79E-01	-3.51E+00	50.76	-9.35E-01	-2.10E+00	
	-88.00	-2.13E-05	1.17E-05	-1.43E-05	1.62E-04	1.18E-05	-1.91E-04	7.76E-05	-8.72E-05				
22	409.33	1.08E+00	1.47E+00	5.63E-01	4.26E+00	-8.29E-03	-5.30E+00	5.54E+00	-2.98E+00	46.29	5.48E+00	-6.92E-01	
	-68.00	7.47E-06	2.22E-05	-1.26E-05	3.27E-04	-6.38E-07	-4.08E-04	1.79E-04	-1.49E-04				
23	324.00	8.03E-01	1.63E-01	-1.62E-01	1.74E+00	-6.62E-01	-1.74E+00	2.25E+00	-1.28E+00	39.79	8.03E-01	1.74E+00	
	-19.00	2.20E-05	-2.55E-06	-1.51E-05	1.34E-04	-5.09E-05	-1.33E-04	7.77E-05	-5.82E-05				
24	372.00	4.31E-01	-4.04E-01	-6.13E-01	4.58E+00	-6.32E-01	-4.91E+00	4.61E+00	-4.59E+00	42.40	4.31E-01	4.58E+00	
	-8.33	2.30E-05	-9.09E-06	-1.71E-05	3.52E-04	-4.86E-05	-3.78E-04	1.84E-04	-1.70E-04				
25	401.25	2.49E-01	-2.97E-02	-5.99E-01	1.50E+00	-2.05E-01	-2.02E+00	1.62E+00	-1.40E+00	42.35	-1.18E+00	7.93E-01	
	-19.00	1.38E-05	3.03E-06	-1.89E-05	1.16E-04	-1.58E-05	-1.55E-04	6.65E-05	-4.97E-05				
26	427.67	2.09E+00	1.79E+00	9.74E-01	5.15E+00	-8.61E-01	-6.95E+00	7.09E+00	-3.21E+00	44.17	5.11E+00	4.06E+00	
	-8.33	2.70E-05	1.56E-05	-1.59E-05	3.96E-04	-6.63E-05	-5.34E-04	2.19E-04	-1.77E-04				
27	457.00	3.10E-01	6.23E-01	3.08E-01	3.99E+00	2.66E-02	-4.18E+00	4.46E+00	-3.53E+00	46.12	3.10E-01	3.99E+00	
	-303.00	-2.03E-06	1.22E-05	-2.12E-06	3.63E-04	2.42E-06	-3.80E-04	1.87E-04	-1.76E-04				
28	457.00	3.20E-01	4.05E-01	1.09E-01	3.73E+00	1.41E-02	-3.84E+00	4.09E+00	-3.36E+00	45.33	3.20E-01	3.73E+00	
	-213.00	3.72E-06	7.59E-06	-5.89E-06	3.39E-04	1.28E-06	-3.49E-04	1.75E-04	-1.64E-04				
29	457.00	9.34E-01	4.48E-01	-8.47E-02	2.90E+00	1.82E-01	-3.21E+00	3.60E+00	-2.22E+00	42.61	9.34E-01	2.90E+00	
	-138.00	1.44E-05	3.39E-06	-8.73E-06	1.32E-04	8.29E-06	-1.46E-04	7.51E-05	-5.73E-05				
30	442.00	9.99E-01	2.25E+00	8.72E-01	4.98E+00	1.90E-01	-5.50E+00	6.64E+00	-3.40E+00	48.61	9.89E-01	4.98E+00	
	-68.00	-7.13E-06	4.13E-05	-1.16E-05	3.83E-04	1.46E-05	-4.23E-04	2.10E-04	-1.76E-04				
31	457.33	-5.92E+00	-2.76E+00	-3.78E+00	1.76E+00	2.81E+00	-2.95E+00	-1.97E+00	-6.71E+00	65.94	-2.76E+00	-1.76E+00	
	-88.00	-9.08E-05	3.09E-05	-9.60E-06	1.36E-04	2.16E-04	-2.27E-04	6.12E-05	-1.21E-04				
32	472.67	9.60E+00	7.90E+00	6.70E+00	4.32E+00	-1.66E+00	-7.04E+00	1.31E+01	4.35E+00	39.42	1.22E+01	2.74E+00	
	-68.00	1.03E-04	3.78E-05	-8.32E-06	3.32E-04	-1.28E-04	-5.41E-04	2.40E-04	-9.87E-05				
33	442.00	9.18E-01	6.93E-01	-5.98E-02	2.53E+00	-2.80E-01	-2.70E+00	3.33E+00	-1.72E+00	43.73	9.18E-01	2.53E+00	
	-19.50	1.83E-05	9.61E-06	-1.93E-05	1.94E-04	-2.15E-05	-2.08E-04	1.11E-04	-8.33E-05				
34	454.00	7.64E+00	5.62E+00	4.75E+00	6.48E+00	-1.96E+00	-8.82E+00	1.32E+01	7.96E-02	40.57	1.02E+01	5.49E+00	
	-11.33	9.60E-05	1.83E-05	-1.52E-05	4.98E-04	-1.51E-04	-6.78E-04	3.09E-04	-1.95E-04				
35	461.67	1.82E+00	2.22E+00	1.07E+00	6.14E+00	-4.85E-01	-9.11E+00	8.16E+00	-4.13E+00	45.94	1.82E+00	6.14E+00	
	-12.00	1.38E-05	2.92E-05	-1.49E-05	4.72E-04	-3.73E-05	-7.01E-04	2.59E-04	-2.15E-04				
36	469.00	-4.62E+00	-1.78E+00	-3.15E+00	6.10E-01	2.51E+00	-3.64E+00	-1.66E+00	-4.74E+00	78.35	-1.78E+00	-6.10E-01	
	-30.00	-7.26E-05	3.63E-05	-1.62E-05	4.69E-05	1.93E-04	-2.60E-04	4.12E-05	-7.74E-05				
37	476.33	3.51E+00	4.74E+00	2.72E+00	4.17E+00	-5.24E-01	-7.50E+00	8.34E+00	-9.18E-02	49.21	5.19E+00	4.08E+00	
	-12.00	1.44E-05	6.19E-05	-1.60E-05	3.21E-04	-4.03E-05	-5.77E-04	2.00E-04	-1.24E-04				
38	558.50	2.24E-01	3.85E-02	-1.11E-01	3.74E+00	1.30E-01	-3.97E+00	3.65E+00	-3.84E+00	46.01	-2.24E-01	3.74E+00	
	-303.00	[illegible]33E-06	5.61E-06	-1.21E-06	3.40E-04	1.18E-05	[illegible]E-04	1.70E-04	-1.71E-04				
39	558.50	[illegible]15E-01	5.78E-01	1.91E-01	3.72E+00	2.61E-01	[illegible]+00	4.08E+00	-3.39E+00	46.78	1.15E-01	3.72E[illegible]	

	-213.00	[illegible]7E-06	1.48E-05	-2.40E-06	3.39E-04	2.37E-05	[illegible]04	1.74E-04	-1.65E-04					
40	504.17	[illegible]18E-02	1.28E+00	-4.69E-03	8.32E+00	7.27E-01	-6.[illegible]00	8.97E+00	-7.71E+00	47.22	-1.18E-02	8.32E+0[illegible]		
	-128.00	-6.89E-06	2.24E-05	-6.73E-06	3.78E-04	3.31E-05	-3.74E-04	1.97E-04	-1.82E-04					
41	558.50	-2.42E+00	8.55E-01	-4.85E-01	3.60E+00	2.21E+00	-5.15E+00	3.17E+00	-4.74E+00	47.23	8.55E-01	-3.60E+00		
	-148.00	-4.43E-05	3.02E-05	-2.73E-07	1.64E-04	1.00E-04	-2.24E-04	8.29E-05	-9.69E-05					
42	610.83	4.90E-01	1.47E+00	5.74E-01	7.23E+00	1.46E+00	-6.42E+00	8.23E+00	-6.26E+00	46.94	8.08E+00	-1.42E+00		
	-128.00	-2.17E-06	2.02E-05	-2.49E-07	3.29E-04	6.65E-05	-2.92E-04	1.74E-04	-1.56E-04					
43	501.38	-6.29E-01	-1.35E-01	-6.85E-01	1.88E+00	7.88E-01	-2.36E+00	1.52E+00	-2.28E+00	48.74	-6.29E-01	1.88E+00		
	-78.00	-8.28E-06	1.07E-05	-1.04E-05	1.45E-04	6.06E-05	-1.82E-04	7.43E-05	-7.19E-05					
44	534.67	1.16E+00	1.04E+00	7.19E-01	5.99E+00	4.75E-01	-7.56E+00	7.09E+00	-4.88E+00	44.71	6.99E+00	-1.10E+00		
	-68.00	1.26E-05	7.97E-06	-4.60E-06	4.60E-04	3.65E-05	-5.81E-04	2.43E-04	-2.26E-04					
45	584.67	-1.09E+00	-5.77E-01	-8.185-01	5.77E+00	1.56E+00	-5.08E+00	4.94E+00	-6.62E+00	46.28	-1.09E+00	5.77E+00		
	-68.00	-1.47E-05	5.16E-06	-4.12E-06	4.44E-04	1.20E-04	-3.91E-04	2.18E-04	-2.27E-04					
46	610.83	-5.79E+00	-1.54E+00	-2.77E+00	3.13E+00	2.80E+00	-4.13E+00	1.20E-01	-7.44E+00	62.09	-1.54E+00	-3.13E+00		
	-88.00	-1.12E-04	5.18E-05	4.30E-06	2.41E-04	2.16E-04	-3.18E-04	1.16E-04	-1.75E-04					
47	482.63	-2.76E-01	1.35E-01	-7.79E-01	1.36E+00	7.62E-01	-2.71E+00	1.30E+00	-1.44E+00	49.31	-2.76E-01	1.36E+00		
	-21.00	-5.15E-07	1.53E-05	-1.99E-05	1.04E-04	5.86E-05	-2.09E-04	6.02E-05	-4.54E-05					
48	485.83	1.37E+00	2.01E+00	8.32E-01	3.95E+00	1.05E-01	-8.36E+00	5.66E+00	-2.28E+00	47.31	1.88E+00	3.96E+00		
	-12.00	6.42E-06	3.10E-05	-1.43E-05	3.04E-04	8.05E-06	-6.43E-04	1.71E-04	-1.34E-04					
49	507.88	-2.38E-03	-2.14E-01	-7.07E-01	1.49E+00	4.74E-01	-2.99E+00	1.38E+00	-1.60E+00	42.96	-2.38E-03	1.49E+00		
	-21.00	1.01E-05	1.51E-06	-1.71E-05	1.14E-04	3.65E-05	-2.30E-04	6.34E-05	-5.14E-05					
50	538.67	1.15E+00	4.04E-01	3.70E-01	5.32E+00	2.02E+00	-6.54E+00	6.11E+00	-4.55E+00	42.98	6.04E+00	-8.88E-01		
	-10.00	2.32E-05	-5.65E-06	-6.97E-06	4.09E-04	1.55E-04	-5.03E-04	2.14E-04	-1.96E-04					
51	484.67	-1.78E+01	-1.23E+01	-1.30E+01	-3.53E-01	1.42E+00	-8.73E-01	-1.23E+01	-1.76E+01	-86.33	-1.23E+01	3.53E-01		
	8.00	-2.11E-04	-8.97E-07	-2.47E-05	-2.71E-05	1.09E-04	-6.72E-05	-2.56E-08	-2.12E-04					
52	507.00	4.64E+00	5.51E+00	3.38E+00	3.07E+00	9.33E-01	2.66E+00	8.17E+00	1.97E+00	49.05	7.53E+00	1.89E+00		
	9.00	2.97E-05	6.33E-05	-1.86E-05	2.36E-04	7.18E-05	2.05E-04	1.66E-04	-7.27E-05					
53	603.00	1.86E-01	-4.61E-02	1.45E-01	2.26E+00	1.05E+00	-2.10E+00	2.33E+00	-2.19E+00	43.53	-1.25E+00	1.84E+00		
	-18.00	4.02E-06	-4.50E-06	2.45E-06	1.74E-04	8.07E-05	-1.61E-04	8.66E-05	-8.75E-05					
54	712.00	-2.87E-01	3.24E-01	4.74E-02	3.53E+00	3.06E-01	-3.24E+00	3.57E+00	-3.53E+00	47.47	-2.87E-01	3.53E+00		
	-303.00	-1.41E-05	1.36E-05	1.07E-06	3.21E-04	2.78E-05	-2.95E-04	1.61E-04	-1.61E-04					
55	712.00	-1.94E+00	-1.05E+00	-1.03E+00	3.88E+00	9.85E-01	-3.18E+00	2.40E+00	-5.40E+00	48.28	-1.94E+00	3.88E+00		
	-213.00	-3.61E-05	4.36E-06	5.64E-06	3.52E-04	8.96E-05	-2.89E-04	1.62E-04	-1.93E-04					
56	712.00	-2.50E+00	-1.25E+00	-5.30E-01	2.95E+00	2.34E+00	-2.41E+00	1.14E+00	-4.89E+00	50.94	-2.50E+00	2.95E+00		
	-138.00	-3.43E-05	-6.05E-06	1.04E-05	1.34E-04	1.06E-04	-1.10E-04	4.84E-05	-8.88E-05					
57	712.00	-6.15E-01	5.06E-02	2.04E-01	1.86E+00	9.70E-01	-1.97E+00	1.60E+00	-2.17E+00	50.08	-6.15E-01	1.86E+00		
	-78.00	-1.97E-05	5.91E-06	1.18E-05	1.43E-04	7.46E-05	-1.52E-04	6.56E-05	-7.94E-05					
58	712.00	-8.36E-01	-6.21E-01	-1.01E-01	2.50E+00	8.81E-01	-2.29E+00	1.77E+00	-3.23E+00	46.23	-8.36E-01	2.50E+00		
	-18.00	-1.50E-05	-6.78E-06	1.32E-05	1.92E-04	6.78E-05	-1.76E-04	8.52E-05	-1.07E-04					
59	837.00	-1.00E+01	-5.56E+00	-6.23E+00	2.96E+00	1.62E+00	-2.71E+00	-4.08E+00	-1.15E+01	63.54	-5.56E+00	-2.96E+00		
	-318.00	-1.72E-04	3.09E-05	.00E+00	2.69E-04	1.48E-04	-2.46E-04	9.77E-05	-2.35E-04					
60	887.00	-1.45E+00	-1.45E-01	-6.36E-01	7.90E+00	6.68E-01	-5.89E+00	7.14E+00	-8.73E+00	47.35	6.48E+00	-3.15E+00		
	-288.00	-3.68E-05	2.23E-05	.00E+00	7.19E-04	6.07E-05	-5.35E-04	3.53E-04	-3.68E-04					
61	987.00	1.76E+00	1.18E+00	1.18E+00	8.03E+00	-2.80E-01	-5.24E+00	9.51E+00	-6.56E+00	43.97	1.76E+00	8.03E+00		
	-288.00	2.65E-05	3.03E-07	.00E+00	7.30E-04	-2.55E-05	-4.77E-04	3.79E-04	-3.52E-04					
62	1037.00	-9.93E+00	-5.98E+00	-6.36E+00	5.89E+00	1.24E+00	-4.12E+00	-1.75E+00	-1.42E+01	54.28	-5.98E+00	-5.89E+00		
	-318.00	-1.62E-04	1.75E-05	.00E+00	5.35E-04	1.12E-04	-3.74E-04	2.10E-04	-3.55E-04					
63	862.00	-2.00E-01	-1.24E-01	2.35E-01	3.99E+00	2.16E-01	-3.02E+00	3.92E+00	-4.15E+00	45.27	-2.00E-01	3.99E+00		
	-213.00	-7.95E-06	-4.49E-06	1.18E-05	3.62E-04	1.96E-05	-2.75E-04	1.75E-04	-1.87E-04					
64	1012.00	5.73E-01	3.40E-01	7.53E-01	4.29E+00	-7.17E-02	-2.97E+00	4.75E+00	-3.84E+00	44.22	5.73E-01	4.29E+00		
	-213.00	4.41E-06	-6.20E-06	1.26E-05	3.90E-04	-6.52E-06	-2.70E-04	1.94E-04	-1.96E-04					
65	837.00	9.68E-02	-3.45E-01	1.06E+00	3.02E+00	1.01E+00	-3.25E+00	2.90E+00	-3.15E+00	42.90	-3.45E-01	-3.02E+00		
	-148.00	-2.07E-06	-1.21E-05	1.99E-05	1.37E-04	4.59E-05	-1.48E-04	6.17E-05	-7.58E-05					
66	937.00	-4.65E-01	-2.46E-01	8.02E-01	5.29E+00	4.69E-01	-3.66E+00	4.93E+00	-5.64E+00	45.59	3.37E+00	-3.75E+00		
	-128.00	-1.10E-05	-6.07E-06	1.78E-05	2.40E-04	2.13E-05	-1.67E-04	1.12E-04	-1.29E-04					
67	1037.00	-4.89E+00	-1.27E+00	-7.66E-01	5.10E+00	1.70E+00	-4.34E+00	2.33E+00	-8.49E+00	54.76	-1.27E+00	-5.10E+00		
	-148.00	-7.48E-05	7.37E-06	1.99E-05	2.32E-04	7.71E-05	-1.97E-04	8.93E-05	-1.57E-04					
68	837.00	-1.68E+00	-1.67E+00	-7.32E-01	5.76E+00	1.06E+00	-4.06E+00	4.09E+00	-7.44E+00	45.01	-1.68E+00	5.76E+00		
	-68.00	-1.97E-05	-1.95E-05	1.68E-05	4.43E-04	8.12E-05	-3.12E-04	2.02E-04	-2.41E-04					
69	937.00	-1.76E+00	3.97E-01	3.26E-01	3.14E+00	1.06E+00	-2.64E+00	2.64E+00	-4.00E+00	54.48	3.97E-01	-3.14E+00		
	-88.00	-5.63E-05	2.67E-05	2.39E-05	2.41E-04	8.14E-05	-2.03E-04	1.13E-04	-1.42E-04					
70	1037.00	-1.99E-01	3.35E-01	8.41E-01	5.34E+00	-3.09E-01	-5.43E+00	5.42E+00	-5.28E+00	46.43	3.95E+00	-3.69E+00		
	-68.00	-1.84E-05	2.13E-06	2.16E-05	4.11E-04	-2.38E-05	-4.17E-04	1.98E-04	-2.14E-04					
71	862.00	-1.20E+00	-8.04E-01	2.17E-02	2.46E+00	9.01E-01	-2.18E+00	1.46E+00	-3.46E+00	47.28	-1.20E+00	2.46E+00		

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	-18.00	-2.42E-05	-9.18E-06	2.26E-05	1.89E-04	6.93E-05	-1.68E-04	7.80E-05	-1.11E-04				
72	1012.00	4.78E-01	5.71E-01	1.31E+00	2.63E+00	-1.66E-01	-1.91E+00	3.16E+00	-2.11E+00	45.51	4.78E-01	2.63E+00	
	-18.00	-7.57E-06	-4.60E-06	2.48E-05	2.02E-04	-1.27E-05	-1.47E-04	9.54E-05	-1.07E-04				
73	1387.00	5.61E-01	5.97E-01	5.94E-01	3.16E+00	5.54E-03	-1.71E+00	3.74E+00	-2.58E+00	45.17	5.61E-01	3.16E+00	
	-303.00	2.70E-06	4.37E-06	4.32E-06	2.88E-04	5.04E-07	-1.55E-04	1.47E-04	-1.40E-04				
74	1387.00	9.88E-02	-5.19E-02	4.33E-01	3.35E+00	5.88E-02	-1.72E+00	3.38E+00	-3.33E+00	44.36	9.88E-02	3.35E+00	
	-213.00	-1.75E-06	-8.59E-06	1.35E-05	3.05E-04	5.35E-06	-1.56E-04	1.47E-04	-1.58E-04				
75	1387.00	3.76E-03	2.74E-01	1.20E+00	2.47E+00	1.86E-01	-1.13E+00	2.61E+00	-2.34E+00	46.56	3.76E-03	2.47E+00	
	-138.00	-7.67E-06	-1.54E-06	1.56E-05	1.12E-04	8.44E-06	-5.12E-05	5.16E-05	-6.08E-05				
76	1187.00	-9.07E-01	-6.56E-01	6.28E-02	3.72E+00	6.73E-01	-9.02E-01	2.94E+00	-4.51E+00	45.96	-9.07E-01	3.72E+00	
	-68.00	-1.84E-05	-8.75E-06	1.89E-05	2.86E-04	5.18E-05	-6.94E-05	1.30E-04	-1.57E-04				
77	1387.00	-1.13E+00	-8.89E-01	1.20E-01	1.96E+00	4.86E-01	-1.33E+00	9.50E-01	-2.97E+00	46.78	-8.89E-01	-1.96E+00	
	-88.00	-2.27E-05	-1.33E-05	2.55E-05	1.51E-04	3.74E-05	-1.02E-04	5.74E-05	-9.34E-05				
78	1587.00	-1.69E-01	-1.10E-01	7.005E-01	2.39E+00	-8.51E-02	-6.12E-01	2.25E+00	-2.53E+00	45.35	8.06E-01	-2.19E+00	
	-68.00	-1.11E-05	-8.87E-06	2.23E-05	1.84E-04	-6.55E-06	-4.71E-05	8.18E-05	-1.02E-04				
79	1237.00	-1.43E+00	-5.87E-01	1.20E-01	2.06E+00	6.64E-01	-1.07E+00	1.10E+00	-3.11E+00	50.78	-1.43E+00	2.06E+00	
	-18.00	-3.42E-05	-1.71E-06	2.55E-05	1.59E-04	5.11E-05	-8.27E-05	6.30E-05	-9.89E-05				
80	1433.80	-8.67E-01	-2.71E-01	4.48E-01	2.40E+00	2.36E-01	-7.60E-01	1.79E+00	-3.03E+00	47.95	-8.67E-01	2.40E+00	
	-8.00	-2.47E-05	-5.60E-06	2.59E-05	1.85E-04	1.82E-05	-5.85E-05	7.77E-05	-1.08E-04				
81	1533.80	-1.42E+00	-3.46E-01	2.10E-01	1.44E+00	1.60E-01	-4.99E-01	6.58E-01	-2.42E+00	55.18	-3.46E-01	-1.44E+00	
	-28.00	-3.74E-05	3.76E-06	2.51E-05	1.11E-04	1.23E-05	-3.84E-05	4.24E-05	-7.60E-05				
82	1633.80	-1.43E+00	-4.47E-01	1.10E-01	4.98E-01	-9.99E-02	-5.39E-02	-2.38E-01	-1.63E+00	67.24	-2.40E-01	-5.24E-02	
	-8.00	-3.55E-05	2.17E-06	2.36E-05	3.83E-05	-7.68E-06	-4.14E-06	1.02E-05	-4.35E-05				
83	1433.80	-5.88E+00	-2.62E+00	-2.39E+00	1.61E+00	1.55E+00	-6.06E-01	-1.97E+00	-6.63E+00	68.09	-2.62E+00	-1.61E+00	
	27.60	-1.09E-04	2.00E-05	2.88E-05	1.24E-04	1.19E-04	-4.66E-05	4.50E-05	-1.34E-04				
84	1298.10	-2.10E+00	-2.97E-01	9.23E-02	1.72E+00	7.52E-01	-8.47E-01	7.39E-01	-3.14E+00	58.86	-1.35E+00	-1.93E+00	
	40.70	-5.55E-05	1.39E-05	2.89E-05	1.32E-04	5.79E-05	-6.52E-05	5.38E-05	-9.53E-05				
85	1148.60	-9.07E-01	4.27E-01	7.22E-01	2.21E+00	8.21E-01	-2.93E-01	2.07E+00	-2.55E+00	53.38	1.71E+00	1.24E+00	
	57.33	-3.75E-05	1.38E-05	2.51E-05	1.70E-04	6.32E-05	-2.25E-05	7.71E-05	-1.01E-04				
86	1131.40	-7.58E+00	-3.64E+00	-3.17E+00	8.77E-01	2.97E+00	7.71E-03	-3.46E+00	-7.77E+00	77.99	-3.64E+00	-8.77E-01	
	112.00	-1.33E-04	1.80E-05	3.62E-05	6.75E-05	2.28E-04	5.93E-07	2.52E-05	-1.41E-04				
87	1015.80	-2.23E+00	-1.03E+00	-2.73E-01	2.44E+00	1.21E+00	-3.55E+00	8.85E-01	-4.14E+00	51.93	-1.03E+00	-2.44E+00	
	34.67	-4.70E-05	-6.78E-07	2.83E-05	1.88E-04	9.34E-05	-2.73E-04	7.28E-05	-1.21E-04				
88	886.60	-1.00E+00	-4.44E-01	2.93E-01	1.96E+00	5.90E-01	-2.03E+00	1.25E+00	-2.70E+00	49.07	-1.00E+00	1.96E+00	
	48.00	-2.59E-05	-4.38E-06	2.40E-05	1.51E-04	4.54E-05	-1.56E-04	6.10E-05	-9.13E-05				
89	869.80	-4.72E+00	-2.01E+00	-1.59E+00	1.07E+00	1.91E+00	-4.85E-01	-1.64E+00	-5.09E+00	70.76	-2.01E+00	-1.07E+00	
	96.00	-8.99E-05	1.39E-05	3.03E-05	8.25E-05	1.47E-04	-3.73E-05	2.83E-05	-1.04E-04				
90	952.60	-7.60E-01	2.28E+00	1.62E+00	2.92E+00	8.88E-01	-2.12E+00	4.05E+00	-2.53E+00	58.78	3.26E+00	-2.14E+00	
	128.00	-6.37E-05	5.33E-05	2.77E-05	2.24E-04	6.83E-05	-1.63E-04	1.21E-04	-1.32E-04				
91	869.80	-1.37E+00	-2.49E-01	2.34E-01	1.30E+00	9.67E-01	-3.15E-01	6.04E-01	-2.22E+00	56.65	-1.37E+00	1.30E+00	
	160.00	-3.73E-05	5.59E-06	2.42E-05	9.97E-05	7.44E-05	-2.43E-05	3.84E-05	-7.01E-05				
92	869.80	-6.76E+00	-2.25E+00	-2.25E+00	7.81E-01	3.63E+00	-8.19E-01	-2.11E+00	-6.89E+00	80.45	-2.25E+00	-7.81E-01	
	203.60	-1.38E-04	3.72E-05	3.72E-05	6.01E-05	2.79E-04	-6.30E-05	4.23E-05	-1.41E-04				
93	598.67	3.99E-01	-1.47E-01	3.91E-01	3.87E+00	2.58E+00	-4.49E+00	4.01E+00	-3.75E+00	42.98	-1.47E-01	-3.87E+00	
	16.00	8.28E-06	-1.27E-05	7.97E-06	2.98E-04	1.98E-04	-3.45E-04	1.47E-04	-1.51E-04				
94	645.75	-5.90E-01	-4.62E-01	-9.11E-02	2.49E+00	1.02E+00	-2.10E+00	1.97E+00	-3.02E+00	45.74	-5.90E-01	2.49E+00	
	24.00	-1.01E-05	-5.20E-06	9.05E-06	1.92E-04	7.84E-05	-1.62E-04	8.81E-05	-1.03E-04				
95	613.10	-8.43E-01	-1.43E+00	-7.88E-01	4.31E+00	1.09E+00	-1.23E-01	3.18E+00	-5.46E+00	43.04	-8.43E-01	4.31E+00	
	69.33	1.27E-06	-2.15E-05	3.37E-06	3.31E-04	8.38E-05	-9.45E-06	1.56E-04	-1.76E-04				
96	708.45	-1.16E+00	-3.38E-01	1.33E-02	2.00E+00	1.06E+00	-1.58E+00	1.30E+00	-2.80E+00	50.82	-1.57E+00	-1.88E+00	
	55.00	-2.84E-05	3.35E-06	1.69E-05	1.54E-04	8.12E-05	-1.21E-04	6.62E-05	-9.13E-05				
97	613.10	-3.33E+00	-1.39E+00	-1.20E+00	1.40E+00	3.61E+00	-1.00E+00	-6.49E-01	-4.06E+00	62.41	-1.36E+00	-1.40E+00	
	96.00	-6.32E-05	1.18E-05	1.89E-05	1.08E-04	2.78E-04	-7.73E-05	4.00E-05	-9.14E-05				
98	682.27	-1.30E+00	-5.00E-01	-1.00E-01	2.78E+00	1.11E+00	-1.55E+00	1.91E+00	-3.70E+00	49.08	1.51E+00	-1.44E+00	
	112.00	-2.90E-05	1.61E-06	1.70E-05	2.14E-04	8.51E-05	-1.19E-04	9.42E-05	-1.22E-04				
99	751.63	-4.33E+00	6.63E-01	-5.84E-01	3.03E+00	2.52E+00	-3.90E+00	2.09E+00	-5.75E+00	64.76	6.63E-01	-3.03E+00	
	96.00	-1.20E-04	7.22E-05	2.42E-05	2.33E-04	1.93E-04	-3.00E-04	1.27E-04	-1.75E-04				
100	683.25	-1.03E+00	-2.27E-01	1.99E-01	1.02E+00	8.58E-01	-1.40E+00	4.67E-01	-1.72E+00	55.70	-1.03E+00	1.02E+00	
	152.00	-2.79E-05	2.83E-06	1.92E-05	7.83E-05	6.60E-05	-1.08E-04	2.95E-05	-5.45E-05				
101	648.67	-5.68E+00	-2.57E+00	-2.34E+00	6.24E-01	2.50E+00	-7.77E-01	-2.45E+00	-5.80E+00	79.07	-2.57E+00	-6.24E-01	
	192.00	-1.02E-04	1.76E-05	2.65E-05	4.80E-05	1.92E-04	-5.98E-05	2.22E-05	-1.07E-04				
102	725.2[illegible]	[illegible].59E-01	5.22E-01	6.43E-01	1.07E+00	6.73E-01	[illegible]7E+00	1.11E+00	-1.44E+00	61.39	-1.49E-01	-1.28E[illegible]	
	232.[illegible]	[illegible].64E-05	1.67E-05	2.14E-05	8.25E-05	5.17E-05	[illegible]E-05	3.92E-05	-5.89E-05				
103	625[illegible]	[illegible]9.30E-01	-1.20E+00	-2.62E-01	-1.05E-02	5.26E-01	[illegible]E-01	-9.30E-01	-1.20E+00	-2.24	-9.30E-01	-1.0[illegible]	

	256.00	[illegible]21E-06	-1.[illegible]E-05	1.62E-05	-8.07E-07	4.0[illegible]E-05	[illegible]-05	-5.50E-06	-1.96E-05				
104	535.50	[illegible]	-1.34E+00	-4.0[illegible]E-01	-9.05E-02	1.8[illegible]E+00	-8.[illegible]E-02	-1.37E+00	-2.00E+00	-81.70	-1.38E+00	9.05E-0[illegible]	
	290.67	-3.50E-05	-1.17E-05	2.60E-05	-6.96E-06	1.45E-04	-6.73E-06	-1.12E-05	-3.55E-05				
105	569.00	7.63E-01	-9.23E-02	2.24E-01	4.04E+00	1.25E+00	-3.70E+00	4.40E+00	-3.73E+00	41.98	7.63E-01	4.04E+00	
	16.50	1.95E-05	-1.34E-05	-1.22E-06	3.11E-04	1.04E-04	-2.92E-04	1.59E-04	-1.53E-04				
106	508.50	8.76E+00	5.84E+00	5.68E+00	3.01E+00	3.27E+00	-1.10E+00	1.06E+01	3.96E+00	32.03	5.84E+00	-3.01E+00	
	13.00	1.14E-04	1.76E-06	-4.53E-06	2.31E-04	2.52E-04	-6.44E-05	1.87E-04	-7.06E-05				
107	521.00	2.34E+00	1.02E+00	9.03E-01	4.01E+00	1.13E+00	-2.07E+00	5.75E+00	-2.35E+00	40.34	2.34E+00	4.01E+00	
	15.75	4.31E-05	-7.53E-06	-1.21E-05	3.09E-04	9.67E-05	-1.59E-04	1.74E-04	-1.39E-04				
108	526.25	2.02E+00	8.56E-01	8.11E-01	4.42E+00	9.57E-01	-2.15E+00	5.89E+00	-3.02E+00	41.26	2.02E+00	4.42E+00	
	21.00	3.71E-05	-7.56E-06	-9.29E-06	3.40E-04	7.36E-05	-1.65E-04	1.86E-04	-1.57E-04				
109	515.50	5.51E+00	3.69E+00	3.72E+00	5.49E+00	2.34E+00	-1.11E+00	1.02E+01	-9.64E-01	40.28	3.69E+00	-5.49E+00	
	26.00	7.00E-05	-1.63E-07	1.14E-06	4.22E-04	1.80E-04	-8.54E-05	2.49E-04	-1.79E-04				
110	531.50	8.20E-01	4.59E-01	3.84E-01	3.60E+00	6.76E-01	-1.86E+00	4.25E+00	-2.97E+00	43.57	8.20E-01	3.60E+00	
	34.50	1.33E-05	-6.20E-07	-3.50E-06	2.77E-04	5.20E-05	-1.43E-04	1.45E-04	-1.32E-04				
111	515.50	-2.58E+00	-4.17E+00	-2.99E+00	1.06E+01	5.40E-01	6.64E-01	7.28E+00	-1.40E+01	42.66	-2.58E+00	1.06E+01	
	44.00	7.78E-06	-5.33E-05	-7.99E-06	8.17E-04	4.15E-05	5.11E-05	3.87E-04	-4.33E-04				
112	515.50	-7.21E-01	-3.60E-01	-2.87E-01	2.45E+00	1.39E+00	-9.03E-01	1.92E+00	-3.00E+00	47.11	-3.60E-01	-2.45E+00	
	53.33	-1.27E-05	1.20E-06	4.01E-06	1.88E-04	1.07E-04	-6.95E-05	8.87E-05	-1.00E-04				
113	547.50	-1.39E+00	5.75E-01	-1.89E-01	3.83E+00	8.13E-01	-4.21E+00	3.55E+00	-4.37E+00	52.18	1.77E+00	-3.31E+00	
	64.00	-4.24E-05	3.31E-05	3.77E-06	2.95E-04	6.26E-05	-3.24E-04	1.48E-04	-1.57E-04				
114	515.50	-3.14E+00	-3.72E+00	-2.70E+00	4.44E+00	2.98E-01	-7.47E-01	1.02E+00	-7.88E+00	43.13	-3.14E+00	4.44E+00	
	74.67	-1.58E-05	-3.79E-05	1.04E-06	3.42E-04	2.29E-05	-5.75E-05	1.44E-04	-1.98E-04				
115	515.50	-6.15E+00	-3.82E+00	-3.80E+00	1.60E+00	1.06E+00	-8.59E-01	-3.01E+00	-6.96E+00	63.08	-3.82E+00	-1.60E+00	
	88.00	-8.53E-05	4.47E-06	5.18E-06	1.23E-04	8.18E-05	-6.61E-05	3.56E-05	-1.16E-04				
116	547.50	-3.69E+00	-4.02E-01	-1.46E+00	4.85E+00	6.99E-01	-3.01E+00	3.07E+00	-7.17E+00	54.37	1.69E+00	-3.50E+00	
	104.00	-8.10E-05	4.56E-05	4.88E-06	3.73E-04	5.38E-05	-2.32E-04	1.79E-04	-2.15E-04				
117	515.50	-1.17E+00	-1.29E+00	-6.96E-01	3.55E+00	9.52E-02	-1.38E+00	2.32E+00	-4.78E+00	44.51	-1.17E+00	3.55E+00	
	120.00	-1.03E-05	-1.50E-05	7.96E-06	2.73E-04	7.32E-06	-1.06E-04	1.24E-04	-1.49E-04				
118	515.50	-4.10E+00	-2.43E+00	-2.20E+00	1.37E+00	6.07E-01	-7.21E-01	-1.67E+00	-4.86E+00	60.66	-2.43E+00	-1.37E+00	
	136.00	-6.16E-05	2.30E-06	1.14E-05	1.05E-04	4.67E-05	-5.54E-05	3.18E-05	-9.12E-05				
119	547.50	-3.21E+00	-1.09E+00	-1.33E+00	3.22E+00	3.97E-01	-1.63E+00	1.24E+00	-5.54E+00	54.10	3.01E-01	-2.34E+00	
	152.00	-6.15E-05	1.99E-05	1.07E-05	2.48E-04	3.06E-05	-1.25E-04	1.10E-04	-1.51E-04				
120	515.50	-1.53E+00	-1.40E+00	-6.70E-01	2.38E+00	1.02E-01	-5.79E-01	9.12E-01	-3.85E+00	45.78	-1.53E+00	2.38E+00	
	168.00	-1.93E-05	-1.44E-05	1.39E-05	1.83E-04	7.87E-06	-4.45E-05	7.47E-05	-1.08E-04				
121	515.50	-5.45E+00	-3.27E+00	-2.88E+00	1.05E+00	7.45E-01	-5.34E-01	-2.84E+00	-5.87E+00	67.99	-3.27E+00	-1.05E+00	
	184.00	-8.20E-05	1.78E-06	1.65E-05	8.10E-05	5.73E-05	-4.11E-05	1.81E-05	-9.84E-05				
122	547.50	-1.88E+00	9.57E-01	2.12E-01	3.51E+00	3.89E-01	-2.41E+00	3.35E+00	-4.24E+00	56.15	2.48E+00	-2.42E+00	
	200.00	-6.50E-05	4.58E-05	1.56E-05	2.70E-04	2.99E-05	-1.85E-04	1.36E-04	-1.56E-04				
123	515.50	7.09E-01	1.14E+00	1.43E+00	1.67E+00	-1.51E-01	-7.39E-01	2.61E+00	-7.63E-01	48.68	7.09E-01	1.67E+00	
	216.00	-8.78E-06	7.83E-06	1.90E-05	1.29E-04	-1.16E-05	-5.68E-05	6.44E-05	-6.54E-05				
124	515.50	-1.41E+00	-6.36E-01	-9.11E-02	3.93E-01	8.73E-02	-3.54E-01	-4.72E-01	-1.57E+00	67.23	-6.36E-01	-3.93E-01	
	232.00	-3.07E-05	-1.02E-06	2.00E-05	3.02E-05	6.72E-06	-2.73E-05	5.32E-06	-3.70E-05				
125	547.50	-4.81E-01	6.94E-02	5.19E-01	7.97E-01	-9.92E-03	-1.71E+00	6.38E-01	-1.05E+00	54.52	4.12E-01	-5.74E-01	
	248.00	-1.97E-05	1.48E-06	1.88E-05	6.13E-05	-7.63E-07	-1.32E-04	2.33E-05	-4.15E-05				
126	515.50	1.53E+00	2.15E+00	2.21E+00	-2.24E-01	-4.00E-01	-1.01E+00	2.22E+00	1.46E+00	-72.10	1.53E+00	-2.24E-01	
	264.00	-5.83E-06	1.80E-05	2.02E-05	-1.72E-05	-3.07E-05	-7.79E-05	2.08E-05	-8.61E-06				
127	515.50	-4.38E-01	-1.03E-01	3.89E-01	8.88E-02	-6.17E-01	-2.12E-01	-8.06E-02	-4.60E-01	76.05	-1.03E-01	-8.88E-02	
	276.00	-1.52E-05	-2.28E-06	1.66E-05	6.83E-06	-4.75E-05	-1.63E-05	-1.44E-06	-1.60E-05				
128	531.50	9.30E-01	5.57E-01	1.23E+00	6.05E-02	-3.54E-01	-1.33E-01	9.39E-01	5.47E-01	8.99	9.30E-01	6.05E-02	
	297.00	5.92E-06	-8.42E-06	1.74E-05	4.65E-06	-2.72E-05	-1.02E-05	6.29E-06	-8.79E-06				
129	515.50	3.17E+00	2.36E+00	2.85E+00	-6.70E-01	-3.70E-01	-5.56E-01	3.55E+00	1.98E+00	-29.52	3.17E+00	-6.70E-01	
	320.00	2.97E-05	-1.23E-06	1.76E-05	-5.16E-05	-2.85E-05	-4.28E-05	4.43E-05	-1.56E-05				
183	565.50	2.22E-01	-3.48E-01	-2.92E-01	6.08E+00	1.77E+00	-4.68E+00	6.03E+00	-6.15E+00	43.66	2.22E-01	6.08E+00	
	-8.00	1.31E-05	-8.79E-06	-6.64E-06	4.68E-04	1.36E-04	-3.60E-04	2.36E-04	-2.32E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.7400E+02	-.4613E+03	-.8918E+01	.5901E+02	.1252E+03	-.8771E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.9486E+01	.3608E+01	.1492E+01	.5798E+02	-.3422E+02	-.4826E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.7065E+01	-.1139E+01	.6246E+00	.9539E+02	-.7547E+02	-.8891E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1002E+02	.2306E+01	.7187E-01	.1341E+03	-.1192E+03	-.1303E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1114E+02	-.1635E+01	.1156E+00	.1729E+03	-.1625E+03	-.1757E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.9109E+00	-.1078E+01	.6333E+00	.2310E+03	-.2071E+03	-.2311E+03
25	.2573E+02	.4172E+01	.1067E+00	.2868E+03	-.2283E+03	-.2857E+03
26	-.7661E+01	-.4775E+00	-.8533E-01	.3112E+03	-.2419E+03	-.3256E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1284E+03	-.2656E+02	.4499E+01	.3197E+03	-.3370E+03	-.3581E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.2261E+04	.3962E+03	-.1811E+02	.4506E+03	-.9126E+03	-.5693E+03
40	.1416E+04	.2574E+03	.1096E+01	.4254E+03	-.9002E+03	-.5212E+03
41	.1103E+04	.1512E+03	.1893E+02	.3689E+03	-.8158E+03	-.4513E+03
42	.2707E+03	.2181E+02	.1919E+02	.3215E+03	-.5781E+03	-.3931E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2838E+04	-.3765E+03	-.1552E+02	.7612E+02	-.9671E+03	.3093E+03
48	-.2469E+04	-.3256E+03	-.1748E+02	.1421E+03	-.8959E+03	.2201E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3990E+04	-.6067E+03	-.1906E+02	-.9367E+02	-.6665E+03	.8960E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1152E+02	.1575E+02	-.9521E+00	.4407E+02	-.9508E+03	.2923E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2731E+04	-.4141E+03	-.1887E+02	-.3643E+02	-.5345E+03	.8396E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.1012E+04	-.2905E+03	-.2520E+02	-.380[illegible]	-.4971E+03	.8153E+03
[illegible]	-.6362E+03	-.9875E+02	-.3162E+02	-.[illegible]	-.4003E+03	.8497E+03

	.1323E+04	.1559E+03	-.3163E+02	-.46[illegible]	-.2993E+03	.8475E+03
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2351E+04	.3509E+03	-.2641E+02	.6242E+02	-.2077E+03	.8586E+03
76	-.2570E+03	-.3958E+02	-.1804E+02	.9559E+02	-.9143E+02	.8726E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.9889E+03	.1486E+03	-.1319E+02	.1181E+03	.4744E+02	.8412E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4195E+03	-.6177E+02	-.9349E+01	.1746E+03	.1305E+03	.8234E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5786E+03	.8900E+02	-.8346E+01	.1324E+03	.2481E+03	.7590E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3836E+03	-.5464E+02	-.6968E+01	.1136E+03	.3167E+03	.6917E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4395E+03	.6978E+02	-.7066E+01	.1164E+03	.4158E+03	.6234E+03
109	-.2619E+03	-.3482E+02	-.6044E+01	.1188E+03	.4791E+03	.5384E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3675E+03	.6040E+02	-.5820E+01	.6671E+02	.5540E+03	.4506E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1014E+03	.3284E+02	-.9308E+00	.3382E+02	.5852E+03	.3585E+03
115	.7014E+02	.1643E+02	.7511E+00	.3725E+01	.5885E+03	.2631E+03
116	.1765E+03	.3304E+02	.2670E+01	-.1412E+02	.6117E+03	.2058E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1869E+03	.3492E+02	.4545E+01	.1079E+02	.6260E+03	.1762E+03
119	.1374E+03	.2696E+02	.6581E+01	-.4753E+02	.5662E+03	.1079E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3378E+03	.4286E+02	.2034E+02	-.3893E+02	.4851E+03	.6159E+02
122	.2841E+03	.1892E+02	.3298E+02	.1629E+02	.4672E+03	.5617E+02
123	.2146E+03	.1213E+02	.2913E+02	.1129E+02	.4075E+03	.5040E+02
124	.1556E+03	.8532E+01	.2010E+02	.7841E+01	.3351E+03	.4573E+02
125	.1011E+03	.3930E+01	.1474E+02	.4985E+01	.2765E+03	.4129E+02
126	.2935E+02	-.7291E+01	.1371E+02	.1333E+01	.2316E+03	.3654E+02
127	-.2320E+02	-.1603E+02	.1395E+02	-.1134E+01	.1971E+03	.3054E+02
128	-.7644E+02	-.2308E+02	.1320E+02	-.6972E+01	.1767E+03	.2380E+02
129	-.7665E+02	-.1987E+02	.1035E+02	-.9587E+01	.7041E+02	.1797E+02
130	-.1265E+02	-.1209E+02	.7857E+01	-.1001E+02	.2958E+02	.1405E+02

131	-.1374E+02	-.2151E+01	.5154E+01	-.9627E+01	.8333E+01	.1177E+02
132	.1586E+01	.1002E+01	.3773E+01	-.5557E+01	.1019E+02	.1027E+02
133	.2741E+01	.8351E+00	.3464E+01	-.3374E+01	.1263E+02	.8718E+01
134	.7496E+00	.2345E+00	.3497E+01	-.2356E+01	.1109E+02	.6876E+01
135	-.6671E-02	.5400E-02	.3934E+01	-.2256E+01	.7927E+01	.5066E+01
136	-.1576E-01	.1006E-01	.5234E+01	-.1580E+01	.5050E+01	.3376E+01
137	-.1111E+00	-.3760E-01	.8265E+01	-.1080E+01	.2270E+01	.1843E+01
138	.5558E-01	.1916E+00	.1416E+03	-.6915E+00	-.5927E+00	.9163E+00
139	.1301E+00	.2255E+00	-.5739E+02	-.1130E+00	.3176E+00	-.3155E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.10595E-01	-.44748E-04	.10581E-01	.00000E+00
3	-.18980E-01	-.18569E-03	.18968E-01	.00000E+00
4	-.20434E-01	-.19722E-03	.20390E-01	.00000E+00
5	-.21872E-01	.19478E-04	.21879E-01	.00000E+00
6	-.24222E-01	-.39859E-05	.24219E-01	-.72684E-05
7	-.22567E-01	-.51661E-03	.22804E-01	.00000E+00
8	-.24277E-01	-.38385E-03	.24334E-01	-.13463E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.10443E-01	-.16470E-03	.10486E-01	.00000E+00
11	-.18972E-01	-.33970E-03	.19155E-01	.00000E+00
12	-.20968E-01	-.40747E-03	.21197E-01	.00000E+00
13	-.22544E-01	-.31892E-03	.22631E-01	.00000E+00
14	-.24390E-01	-.44232E-03	.24645E-01	-.40370E-05
15	-.22742E-01	-.88989E-03	.23519E-01	.00000E+00
16	-.24568E-01	-.75987E-03	.25156E-01	.11860E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.10471E-01	-.29606E-03	.10734E-01	.00000E+00
19	-.19214E-01	-.58748E-03	.19796E-01	.00000E+00
20	-.21277E-01	-.72751E-03	.22001E-01	.00000E+00
21	-.22964E-01	-.55488E-03	.23585E-01	.00000E+00
22	-.24808E-01	-.66029E-03	.25875E-01	-.34955E-05
23	-.23423E-01	-.14578E-02	.25060E-01	.00000E+00
24	-.25118E-01	-.13165E-02	.26825E-01	-.10622E-04
25	-.25341E-01	-.15709E-02	.27448E-01	-.11611E-05
26	-.25470E-01	-.15778E-02	.27821E-01	-.30147E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.10305E-01	-.58432E-03	.10732E-01	.00000E+00
29	-.19371E-01	-.11665E-02	.20139E-01	.00000E+00
30	-.21597E-01	-.13749E-02	.22789E-01	.00000E+00
31	-.23500E-01	-.15941E-02	.25204E-01	.00000E+00
32	-.25605E-01	-.18414E-02	.28237E-01	-.29479E-04
33	-.23403E-01	-.21676E-02	.25086E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.10146E-01	-.78373E-03	.10613E-01	.00000E+00
36	-.19371E-01	-.14381E-02	.19961E-01	.00000E+00
37	-.21740E-01	-.16081E-02	.22523E-01	.00000E+00
38	-.24076E-01	-.20691E-02	.25891E-01	.00000E+00
39	-.25898E-01	-.26064E-02	.28959E-01	.97327E-05
40	-.25854E-01	-.26122E-02	.28792E-01	-.74694E-05
41	-.25814E-01	-.24660E-02	.28639E-01	-.18144E-04
42	-.25725E-01	-.21300E-02	.28461E-01	-.26994E-04
43	-.21148E-01	-.20319E-02	.21102E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.90617E-02	-.29263E-03	.89943E-02	.00000E+00
46	-.18854E-01	-.14023E-02	.18102E-01	.00000E+00
47	-.25017E-01	-.25106E-02	.29015E-01	.11686E-04
48	-.25012E-01	-.25502E-02	.29014E-01	.16945E-04
	-.24029E-01	-.21124E-02	.25630E-01	[illegible]0000E+00
	-.26135E-01	-.25549E-02	.29102E-01	[illegible]734E-04

	-.24011E-01	-.22337E-02	.24409E-01	.00000E+00
	-.26896E-01	-.23552E-02	.25700E-01	.00000E+00
53	-.25930E-01	-.24418E-02	.29021E-01	.40146E-05
54	-.20872E-01	-.14898E-02	.19031E-01	.00000E+00
55	-.23427E-01	-.18830E-02	.20717E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.75744E-02	-.94262E-03	.58042E-02	.00000E+00
58	-.16194E-01	-.75049E-03	.10270E-01	.00000E+00
59	-.27198E-01	-.18920E-02	.24203E-01	.00000E+00
60	-.26806E-01	-.22128E-02	.25503E-01	.00000E+00
61	-.26349E-01	-.25703E-02	.29160E-01	.85804E-04
62	-.19166E-01	-.76666E-03	.12404E-01	.00000E+00
63	-.22287E-01	-.86300E-03	.16177E-01	.00000E+00
64	-.27439E-01	-.23429E-02	.27048E-01	.00000E+00
65	-.26641E-01	-.25754E-02	.29213E-01	.10734E-03
66	-.27368E-01	-.25337E-02	.29320E-01	.13121E-03
67	-.28156E-01	-.25210E-02	.29438E-01	.12559E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.57749E-02	.70426E-05	.25008E-02	.00000E+00
70	-.16703E-01	-.32298E-03	.81305E-02	.00000E+00
71	-.25929E-01	-.87081E-03	.17913E-01	.00000E+00
72	-.28133E-01	-.22601E-02	.26902E-01	.00000E+00
73	-.20486E-01	-.40504E-03	.75675E-02	.00000E+00
74	-.29842E-01	-.23000E-02	.28148E-01	.00000E+00
75	-.28830E-01	-.25363E-02	.29538E-01	.96329E-04
76	-.29749E-01	-.26358E-02	.29777E-01	.69424E-04
77	-.23908E-01	-.27191E-03	.11275E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.67276E-02	-.34049E-03	.24480E-02	.00000E+00
80	-.15470E-01	.33352E-04	.51094E-02	.00000E+00
81	-.17018E-01	.10252E-03	.50101E-02	.00000E+00
82	-.19398E-01	.17199E-03	.83762E-02	.00000E+00
83	-.28904E-01	-.75357E-03	.19607E-01	.00000E+00
84	-.26266E-01	-.34998E-04	.12498E-01	.00000E+00
85	-.30797E-01	-.26571E-02	.30030E-01	.55114E-04
86	-.30932E-01	-.23391E-02	.29290E-01	.00000E+00
87	-.23532E-01	.94995E-04	.84171E-02	.00000E+00
88	-.30686E-01	-.17985E-02	.24599E-01	.00000E+00
89	-.31527E-01	-.27064E-02	.30314E-01	.44461E-04
90	-.16244E-01	.21404E-03	-.51415E-02	.00000E+00
91	-.17755E-01	.44671E-03	-.40264E-02	.00000E+00
92	-.19360E-01	.21722E-03	-.36245E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.65034E-02	.00000E+00	-.33894E-02	.00000E+00
95	-.12302E-01	.00000E+00	-.59897E-02	.00000E+00
96	-.14372E-01	.00000E+00	-.61760E-02	.00000E+00
97	-.14863E-01	.00000E+00	-.72902E-02	.00000E+00
98	-.14342E-01	.00000E+00	-.76026E-02	.00000E+00
99	-.16361E-01	.88369E-04	-.71266E-02	.00000E+00
100	-.22175E-01	.17299E-03	.44051E-03	.00000E+00
101	-.29337E-01	-.44969E-03	.11694E-01	.00000E+00
102	-.32647E-01	-.27632E-02	.30684E-01	.39746E-04
103	-.30217E-01	-.97935E-03	.19325E-01	.00000E+00
104	-.33070E-01	-.26466E-02	.30265E-01	.00000E+00
105	-.33423E-01	-.27342E-02	.31014E-01	.33344E-04
106	-.31892E-01	-.12135E-02	.22944E-01	.00000E+00
107	-.34241E-01	-.26857E-02	.30272E-01	.00000E+00
108	-.34297E-01	-.28153E-02	.31298E-01	.31691E-04
109	-.34523E-01	-.26448E-02	.31533E-01	.27147E-04
110	-.34030E-01	-.23752E-02	.24463E-01	.00000E+00
111	-.35629E-01	-.30010E-02	.30836E-01	.00000E+00
112	-.35605E-01	-.28577E-02	.31693E-01	.24199E-04
113	-.35213E-01	-.21356E-02	.26935E-01	.00000E+00
114	-.35978E-01	-.28453E-02	.31837E-01	.79949E-05

115	-.36051E-01	-.28386E-02	.31891E-01	-.44503E-07
116	-.35978E-01	-.27875E-02	.31910E-01	-.79678E-05
117	-.35602E-01	-.31669E-02	.31901E-01	.00000E+00
118	-.35844E-01	-.27772E-02	.31902E-01	-.14248E-04
119	-.35470E-01	-.27526E-02	.31862E-01	-.21938E-04
120	-.36216E-01	-.28192E-02	.31792E-01	.00000E+00
121	-.34824E-01	-.26295E-02	.31787E-01	-.34124E-04
122	-.34755E-01	-.24203E-02	.31835E-01	-.29861E-04
123	-.34653E-01	-.21552E-02	.31869E-01	-.44414E-04
124	-.34530E-01	-.18906E-02	.31904E-01	-.49631E-04
125	-.34390E-01	-.15613E-02	.31938E-01	-.55775E-04
126	-.34103E-01	-.95987E-03	.31994E-01	-.62649E-04
127	-.33798E-01	-.32376E-03	.32046E-01	-.63114E-04
128	-.33222E-01	.96015E-03	.32154E-01	-.51155E-04
129	-.32827E-01	.18989E-02	.32253E-01	-.33770E-04
130	-.32595E-01	.25033E-02	.32359E-01	-.13702E-04
131	-.32586E-01	.25576E-02	.32521E-01	.74081E-05
132	-.32745E-01	.20577E-02	.32664E-01	.12659E-04
133	-.32884E-01	.15498E-02	.32790E-01	.98517E-05
134	-.32965E-01	.11936E-02	.32892E-01	.72044E-05
135	-.33018E-01	.89484E-03	.32975E-01	.62444E-05
136	-.33054E-01	.61335E-03	.33035E-01	.63725E-05
137	-.33076E-01	.34556E-03	.33071E-01	.63312E-05
138	-.33091E-01	.52987E-04	.33092E-01	.67540E-05
139	-.33091E-01	.65340E-05	.33091E-01	.65567E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.20E-02	-4.01E-02	-2.14E-02	-1.29E+00	-4.70E-03	1.30E+00	1.26E+00	-1.32E+00	-44.59	-1.20E-02	-1.29E+00
	-303.00	5.27E-07	-1.16E-06	9.84E-08	-1.17E-04	-4.27E-07	1.18E-04	5.83E-05	-5.90E-05			
2	72.00	-1.00E-02	-6.08E-02	-7.09E-03	-1.04E+00	-4.08E-03	1.07E+00	1.01E+00	-1.08E+00	-44.30	-1.00E-02	-1.04E+00
	-213.00	5.56E-07	-1.75E-06	6.90E-07	-9.49E-05	-3.71E-07	9.73E-05	4.69E-05	-4.81E-05			
3	72.00	-1.22E-01	-7.09E-02	1.29E-02	-6.60E-01	4.88E-02	7.21E-01	5.64E-01	-7.57E-01	-46.10	-1.22E-01	-6.60E-01
	-138.00	-1.82E-06	-6.69E-07	1.24E-06	-3.00E-05	2.22E-06	3.28E-05	1.38E-05	-1.63E-05			
4	24.00	-7.50E-01	-4.50E-01	-5.47E-01	-1.18E+00	1.91E-01	1.28E+00	5.92E-01	-1.79E+00	-48.62	-7.50E-01	-1.18E+00
	-68.00	-9.65E-06	1.90E-06	-1.85E-06	-9.09E-05	1.47E-05	9.81E-05	4.20E-05	-4.97E-05			
5	72.00	3.12E-01	1.45E-01	2.99E-01	-5.48E-01	-4.07E-02	5.96E-01	7.83E-01	-3.25E-01	-40.67	1.45E-01	5.48E-01
	-88.00	3.70E-06	-2.73E-06	3.19E-06	-4.22E-05	-3.13E-06	4.58E-05	2.18E-05	-2.08E-05			
6	120.00	1.84E-01	2.05E-01	2.25E-01	-9.94E-01	-5.61E-02	1.01E+00	1.19E+00	-7.99E-01	-45.30	-7.81E-01	1.90E-01
	-68.00	3.29E-07	1.13E-06	1.92E-06	-7.64E-05	-4.32E-06	7.90E-05	3.90E-05	-3.75E-05			
7	36.25	-2.51E-01	-9.07E-02	-6.17E-02	-5.38E-01	6.74E-02	5.13E-01	3.73E-01	-7.15E-01	-49.24	-2.33E-01	-5.40E-01
	-10.00	-5.23E-06	9.46E-07	2.06E-06	-4.14E-05	5.18E-06	3.94E-05	1.88E-05	-2.31E-05			
8	108.00	2.60E-02	4.15E-02	8.05E-02	-3.86E-01	-6.72E-03	4.48E-01	4.20E-01	-3.52E-01	-45.58	2.60E-02	-3.86E-01
	-10.00	-6.27E-07	-3.13E-08	1.47E-06	-2.97E-05	-5.17E-07	3.44E-05	1.45E-05	-1.52E-05			
9	216.00	-1.04E-01	-1.58E-01	-9.36E-02	-1.28E+00	5.59E-03	1.30E+00	1.15E+00	-1.41E+00	-44.40	-1.04E-01	-1.28E+00
	-303.00	-9.77E-08	-2.56E-06	3.54E-07	-1.17E-04	5.08E-07	1.18E-04	5.70E-05	-5.97E-05			
10	216.00	-1.21E-01	-1.57E-01	-7.32E-02	-1.07E+00	2.03E-02	1.10E+00	9.31E-01	-1.21E+00	-44.51	-1.21E-01	-1.07E+00
	-213.00	-9.37E-07	-2.59E-06	1.24E-06	-9.73E-05	1.85E-06	1.00E-04	4.69E-05	-5.04E-05			
11	216.00	-1.37E-01	-1.27E-01	3.46E-02	-7.87E-01	6.66E-02	8.31E-01	6.55E-01	-9.19E-01	-45.18	-1.37E-01	-7.87E-01
	-138.00	-1.91E-06	-1.68E-06	1.99E-06	-3.58E-05	3.03E-06	3.78E-05	1.61E-05	-1.97E-05			
12	168.00	-4.09E-01	-4.69E-01	-3.01E-01	-1.17E+00	1.43E-01	1.16E+00	7.32E-01	-1.61E+00	-44.26	-4.09E-01	-1.17E+00
	-68.00	-2.76E-06	-5.09E-06	1.37E-06	-9.00E-05	1.10E-05	8.89E-05	4.11E-05	-4.90E-05			
13	216.00	4.14E-01	1.50E-01	2.49E-01	-5.18E-01	-3.55E-02	5.37E-01	8.16E-01	-2.52E-01	-37.67	1.50E-01	5.18E-01
	-98.00	5.80E-06	-4.23E-06	3.35E-06	-3.98E-05	-2.74E-06	4.13E-05	2.14E-05	-1.97E-05			
14	264.00	4.29E-02	1.93E-01	1.94E-01	-9.88E-01	-2.37E-02	1.05E+00	1.11E+00	-8.73E-01	-47.17	-8.41E-01	2.52E-01
	-68.00	-3.08E-06	2.70E-06	2.74E-06	-7.60E-05	-1.82E-06	6.08E-05	3.79E-05	-3.83E-05			
15	180.00	8.11E-02	-1.31E-02	4.85E-02	-4.91E-01	9.55E-02	[illegible]	4.45E-01	-5.39E-01	-46.98	-8.11E-02	-4.91E[illegible]
	-10.00	[illegible]62E-06	-3.30E-09	2.37E-06	-3.78E-05	7.35E-06	[illegible]	1.76E-05	-2.02E-05			
16	252.[illegible]	[illegible]14E-02	7.39E-03	8.06E-02	-3.72E-01	3.15E-02	[illegible]	2.38E-01	-4.12E-01	-48.40	-8.14E-02	-3.7[illegible]

	-19.0	.20E-06	2.12E-07	1.03E-06	-2.86E-05	2.43E-06	[illegible]E-05	1.29E-05	-1.59E-05					
17	361.00	[illegible].57E-01	-2.77E-01	-1.59E-01	-1.29E+00	-5.32E-03	[illegible]+00	1.07E+00	-1.50E+00	-43.66	-1.57E-01	-1.28E[illegible]		
	-303.00	5.70E-07	-4.90E-06	4.78E-07	-1.16E-04	-4.64E-07	1.20E-04	5.61E-05	-6.04E-05					
18	361.00	-1.49E-01	-2.17E-01	-1.19E-01	-1.12E+00	-2.68E-03	1.15E+00	5.15E-01	-1.33E+00	-43.63	-1.49E-01	-1.12E+00		
	-213.00	3.14E-06	-4.85E-06	1.41E-06	-1.02E-04	-2.43E-07	1.04E-04	4.96E-05	-5.34E-05					
19	361.00	-1.45E-01	-1.58E-01	2.63E-02	-9.79E-01	3.55E-02	9.49E-01	7.08E-01	-1.05E+00	-44.13	-1.45E-01	-8.79E-01		
	-138.00	-1.64E-06	-2.84E-06	2.26E-06	-4.00E-05	1.61E-06	4.31E-05	1.78E-05	-2.22E-05					
20	312.00	-7.28E-01	-7.39E-01	-5.02E-01	-1.36E+00	2.36E-01	1.38E+00	6.26E-01	-2.09E+00	-44.89	-7.28E-01	-1.36E+00		
	-68.00	-6.37E-06	-6.77E-06	2.32E-06	-1.05E-04	1.82E-05	1.06E-04	4.57E-05	-5.88E-05					
21	360.67	6.90E-01	4.21E-01	5.65E-01	-7.01E-01	-1.05E-01	7.87E-01	1.27E+00	-1.56E-01	-39.58	4.21E-01	7.01E-01		
	-88.00	8.12E-06	-2.21E-06	3.31E-06	-5.39E-05	-8.06E-06	6.05E-05	3.04E-05	-2.45E-05					
22	409.33	-4.87E-01	-6.51E-01	-3.49E-01	-1.29E+00	-1.25E-02	1.58E+00	7.21E-01	-1.86E+00	-43.18	-1.85E+00	1.86E-01		
	-68.00	-2.40E-06	-6.69E-06	2.91E-06	-9.90E-05	-9.61E-07	1.22E-04	4.41E-05	-5.52E-05					
23	324.00	-1.98E-01	-5.14E-02	4.15E-02	-5.37E-01	1.68E-01	4.94E-01	4.18E-01	-6.67E-01	-48.89	-1.98E-01	-5.37E-01		
	-19.00	-5.33E-06	3.10E-07	3.88E-06	-4.13E-05	1.30E-05	3.80E-05	1.83E-05	-2.34E-05					
24	372.00	-1.03E-01	1.35E-01	1.73E-01	-1.28E+00	1.68E-01	1.38E+00	1.30E+00	-1.27E+00	-47.64	-1.03E-01	-1.28E+00		
	-9.33	-6.20E-06	2.93E-06	4.40E-06	-9.86E-05	1.29E-05	1.06E-04	4.79E-05	-5.11E-05					
25	401.25	-9.10E-02	-5.28E-03	1.36E-01	-4.34E-01	4.40E-02	5.96E-01	3.88E-01	-4.84E-01	-47.82	3.22E-01	-2.31E-01		
	-19.00	-3.94E-06	-6.40E-07	4.80E-06	-3.34E-05	3.39E-06	4.58E-05	1.45E-05	-1.91E-05					
26	427.67	-7.91E-01	-8.20E-01	-5.08E-01	-1.50E+00	2.36E-01	1.99E+00	6.93E-01	-2.30E+00	-44.72	-1.68E+00	-1.22E+00		
	-9.33	-7.14E-06	-9.29E-06	3.75E-06	-1.15E-04	1.81E-05	1.53E-04	4.99E-05	-6.53E-05					
27	457.00	-1.99E-01	-4.04E-01	-2.26E-01	-1.27E+00	-1.96E-02	1.31E+00	9.76E-01	-1.58E+00	-42.70	-1.99E-01	-1.27E+00		
	-303.00	1.73E-06	-7.60E-06	4.89E-07	-1.16E-04	-1.79E-06	1.19E-04	5.51E-05	-6.10E-05					
28	497.00	-1.34E-01	-3.23E-01	-1.45E-01	-1.17E+00	-4.91E-02	1.17E+00	9.50E-01	-1.41E+00	-42.70	-1.34E-01	-1.17E+00		
	-213.00	1.73E-06	-6.87E-06	1.23E-06	-1.07E-04	-4.47E-06	1.06E-04	5.10E-05	-5.61E-05					
29	457.00	-1.63E-01	-2.34E-01	-1.49E-02	-9.63E-01	-1.46E-01	1.02E+00	7.65E-01	-1.16E+00	-43.95	-1.63E-01	-9.63E-01		
	-138.00	-1.58E-06	-3.15E-06	1.82E-06	-4.38E-05	-6.65E-06	4.65E-05	1.96E-05	-2.43E-05					
30	442.00	-5.47E-01	-1.21E+00	-6.03E-01	-1.59E+00	-9.92E-02	1.58E+00	7.45E-01	-2.50E+00	-39.13	-5.47E-01	-1.59E+00		
	-68.00	4.87E-06	-2.05E-05	2.70E-06	-1.22E-04	-7.63E-06	1.22E-04	5.45E-05	-7.02E-05					
31	457.33	1.83E+00	6.42E-01	1.05E+00	-5.47E-01	-8.97E-01	8.93E-01	2.04E+00	4.28E-01	-21.33	6.42E-01	5.47E-01		
	-88.00	3.17E-05	-1.40E-05	1.71E-06	-4.21E-05	-6.90E-05	6.87E-05	3.99E-05	-2.22E-05					
32	472.67	-3.30E+00	-3.24E+00	-2.56E+00	-1.33E+00	4.55E-01	2.06E+00	-1.94E+00	-4.60E+00	-45.64	-4.16E+00	-9.97E-01		
	-68.00	-2.70E-05	-2.47E-05	1.66E-06	-1.02E-04	3.50E-05	1.58E-04	2.54E-05	-7.71E-05					
33	443.00	-3.28E-01	-3.58E-01	-9.86E-02	-8.34E-01	5.33E-02	8.01E-01	4.91E-01	-1.18E+00	-44.48	-3.28E-01	-8.34E-01		
	-19.50	-4.00E-06	-5.16E-06	4.84E-06	-6.41E-05	4.10E-06	6.16E-05	2.75E-05	-3.66E-05					
34	454.00	-2.65E+00	-2.20E+00	-1.81E+00	-1.99E+00	5.68E-01	2.59E+00	-4.27E-01	-4.42E+00	-48.21	-3.44E+00	-1.72E+00		
	-11.33	-2.87E-05	-1.15E-05	3.53E-06	-1.53E-04	4.37E-05	1.99E-04	5.68E-05	-9.69E-05					
35	461.67	-1.11E+00	-1.52E+00	-9.24E-01	-1.87E+00	1.36E-01	2.66E+00	5.64E-01	-3.19E+00	-41.90	-1.11E+00	-1.87E+00		
	-12.00	-3.69E-06	-1.93E-05	3.47E-06	-1.44E-04	1.05E-05	2.05E-04	6.07E-05	-8.37E-05					
36	469.00	1.51E+00	4.23E-01	9.16E-01	-2.05E-01	-8.12E-01	1.10E+00	1.55E+00	3.86E-01	-10.29	4.23E-01	2.05E-01		
	-30.00	2.69E-05	-1.51E-05	3.87E-06	-1.58E-05	-6.25E-05	8.50E-05	2.83E-05	-1.65E-05					
37	476.33	-1.66E+00	-2.34E+00	-1.46E+00	-1.30E+00	1.47E-01	2.23E+00	-6.62E-01	-3.34E+00	-37.69	-2.20E+00	-1.33E+00		
	-12.00	-3.91E-06	-3.00E-05	3.81E-06	-9.99E-05	1.13E-05	1.72E-04	3.47E-05	-6.85E-05					
38	558.50	-2.73E-02	-2.35E-01	-9.94E-02	-1.16E+00	-5.87E-02	1.20E+00	1.03E+00	-1.29E+00	-42.44	-2.73E-02	-1.16E+00		
	-303.00	3.45E-06	-5.98E-06	1.79E-07	-1.05E-04	-5.33E-06	1.09E-04	5.15E-05	-5.40E-05					
39	558.50	-9.00E-02	-4.18E-01	-2.00E-01	-1.14E+00	-1.23E-01	1.15E+00	9.01E-01	-1.41E+00	-40.92	-9.00E-02	-1.14E+00		
	-213.00	5.10E-06	-9.80E-06	1.07E-07	-1.04E-04	-1.12E-05	1.04E-04	5.02E-05	-5.49E-05					
40	506.17	1.05E-01	-9.11E-01	-1.75E-01	-2.51E+00	-4.24E-01	2.36E+00	2.16E+00	-2.96E+00	-39.27	1.05E-01	-2.51E+00		
	-128.00	7.54E-06	-1.56E-05	1.17E-06	-1.14E-04	-1.93E-05	1.07E-04	5.42E-05	-6.22E-05					
41	558.50	1.07E+00	-5.57E-01	7.66E-02	-1.16E+00	-9.12E-01	1.71E+00	1.68E+00	-1.16E+00	-27.54	-5.57E-01	1.16E+00		
	-148.00	2.12E-05	-1.57E-05	-1.35E-06	-5.29E-05	-4.14E-05	7.75E-05	3.50E-05	-2.95E-05					
42	610.83	-2.12E-01	-9.57E-01	-4.21E-01	-2.17E+00	-5.53E-01	1.83E+00	1.62E+00	-2.75E+00	-40.13	-2.78E+00	2.10E-01		
	-128.00	3.52E-06	-1.34E-05	-1.23E-06	-9.86E-05	-2.52E-05	8.33E-05	4.51E-05	-5.50E-05					
43	501.38	2.69E-01	-1.26E-01	1.32E-01	-5.82E-01	-3.35E-01	7.23E-01	6.86E-01	-5.43E-01	-35.64	2.69E-01	-5.82E-01		
	-78.00	7.31E-06	-7.87E-06	2.07E-06	-4.48E-05	-2.57E-05	5.56E-05	2.33E-05	-2.39E-05					
44	534.67	-4.91E-01	-7.50E-01	-5.00E-01	-1.90E+00	-2.21E-01	2.46E+00	1.28E+00	-2.52E+00	-43.04	-2.51E+00	2.01E-01		
	-68.00	2.53E-07	-9.73E-06	-8.57E-08	-1.46E-04	-1.70E-05	1.89E-04	6.83E-05	-7.78E-05					
45	584.67	2.68E-01	-7.92E-02	7.28E-02	-1.67E+00	-6.10E-01	1.39E+00	1.77E+00	-1.58E+00	-42.03	2.68E-01	-1.67E+00		
	-68.00	7.44E-06	-5.92E-06	-7.84E-08	-1.28E-04	-4.70E-05	1.07E-04	6.53E-05	-6.37E-05					
46	610.83	1.78E+00	1.72E-01	6.71E-01	-9.22E-01	-9.26E-01	1.21E+00	2.20E+00	-2.47E-01	-24.48	1.72E-01	9.22E-01		
	-88.00	3.96E-05	-2.22E-05	-3.01E-06	-7.09E-05	-7.12E-05	9.32E-05	5.57E-05	-3.63E-05					
47	482.63	-4.17E-02	-3.34E-01	3.02E-02	-4.20E-01	-2.61E-01	8.33E-01	2.57E-01	-6.33E-01	-35.40	-4.17E-02	-4.20E-01		
	-21.00	2.20E-06	-9.06E-06	4.96E-06	-3.23E-05	-2.01E-05	6.41E-05	1.37E-05	-2.05E-05					
48	485.33	-1.14E+00	-1.70E+00	-1.02E+00	-1.18E+00	-3.90E-02	2.50E+00	-2.11E-01	-2.63E+00	-38.31	-1.30E+00	-1.20E+00		

	-12.00	-1.48E-06	-2.30E-05	3.30E-06	-9.06E-05	-3.00E-06	1.92E-04	3.43E-05	-5.81E-05					
49	507.88	-5.34E-02	-1.73E-01	5.60E-02	-4.53E-01	-2.01E-01	5.40E-01	3.44E-01	-5.71E-01	-41.23	-5.34E-02	-4.53E-01		
	-21.00	-1.79E-07	-4.79E-06	4.03E-06	-3.49E-05	-1.54E-05	7.23E-05	1.51E-05	-2.01E-05					
50	538.67	-4.72E-01	-5.12E-01	-3.67E-01	-1.54E+00	-7.15E-01	2.05E+00	1.15E+00	-2.13E+00	-44.65	-2.13E+00	1.39E-01		
	-10.00	-3.31E-06	-4.35E-06	7.40E-07	-1.26E-04	-5.52E-05	1.57E-04	5.51E-05	-6.73E-05					
51	484.67	4.92E+00	3.36E+00	3.54E+00	8.59E-02	-3.98E-01	2.58E-01	4.92E+00	3.35E+00	3.14	3.36E+00	-8.59E-02		
	8.00	5.93E-05	-7.79E-07	6.39E-06	6.61E-06	-3.06E-05	1.58E-05	5.95E-05	-9.60E-07					
52	507.00	-1.21E+00	-1.46E+00	-9.06E-01	-7.90E-01	-3.35E-01	-1.04E+00	-5.34E-01	-2.13E+00	-40.54	-1.96E+00	-4.97E-01		
	9.00	-7.26E-06	-1.68E-05	4.42E-06	-6.08E-05	-2.61E-05	-8.03E-05	1.87E-05	-4.28E-05					
53	603.00	-5.01E-02	-1.07E-01	-1.63E-01	-6.53E-01	-4.39E-01	6.34E-01	5.75E-01	-7.33E-01	-43.75	3.51E-01	-4.93E-01		
	-18.00	1.59E-06	-6.01E-07	-2.74E-06	-5.03E-05	-3.37E-05	4.87E-05	2.55E-05	-2.47E-05					
54	712.00	-1.12E-02	-2.74E-01	-1.36E-01	-1.04E+00	-1.16E-01	8.97E-01	9.07E-01	-1.19E+00	-41.41	-1.12E-02	-1.04E+00		
	-303.00	4.96E-06	-6.97E-06	-7.15E-07	-9.47E-05	-1.06E-05	8.15E-05	4.67E-05	-4.87E-05					
55	712.00	5.58E-01	1.44E-01	1.87E-01	-1.13E+00	-3.78E-01	8.55E-01	1.50E+00	-7.93E-01	-39.79	5.58E-01	-1.13E+00		
	-213.00	1.38E-05	-4.99E-06	-3.06E-06	-1.02E-04	-3.44E-05	7.77E-05	5.64E-05	-4.76E-05					
56	712.00	9.15E-01	2.37E-01	3.87E-02	-8.14E-01	-9.42E-01	5.96E-01	1.46E+00	-3.06E-01	-33.69	9.15E-01	-8.14E-01		
	-138.00	1.46E-05	-9.60E-07	-5.36E-06	-3.70E-05	-4.28E-05	2.71E-05	2.69E-05	-1.32E-05					
57	712.00	2.07E-01	-1.47E-01	-1.99E-01	-5.40E-01	-4.04E-01	6.14E-01	5.98E-01	-5.38E-01	-35.92	2.07E-01	-5.40E-01		
	-78.00	9.48E-06	-4.13E-06	-6.12E-06	-4.15E-05	-3.11E-05	4.73E-05	2.45E-05	-1.92E-05					
58	712.00	2.59E-01	4.83E-02	-1.30E-01	-7.15E-01	-3.79E-01	5.91E-01	8.76E-01	-5.69E-01	-40.80	2.59E-01	-7.15E-01		
	-18.00	8.03E-06	-9.03E-08	-6.96E-06	-5.50E-05	-2.91E-05	4.55E-05	3.18E-05	-2.38E-05					
59	837.00	2.86E+00	1.52E+00	1.75E+00	-8.55E-01	-4.11E-01	6.85E-01	3.28E+00	1.10E+00	-25.90	1.52E+00	8.55E-01		
	-318.00	5.05E-05	-1.07E-05	.00E+00	-7.77E-05	-3.74E-05	6.23E-05	6.94E-05	-2.96E-05					
60	887.00	3.28E-01	-1.68E-01	6.40E-02	-2.27E+00	-2.28E-01	1.30E+00	2.36E+00	-2.20E+00	-41.88	-2.04E+00	8.48E-01		
	-288.00	1.70E-05	-1.05E-05	.00E+00	-2.06E-04	-2.07E-05	1.18E-04	1.04E-04	-1.03E-04					
61	987.00	-5.83E-01	-8.25E-01	-4.43E-01	-2.26E+00	-3.87E-03	9.11E-01	1.71E+00	-2.81E+00	-45.37	-5.83E-01	-2.26E+00		
	-288.00	-6.35E-06	-3.73E-06	.00E+00	-2.05E-04	-3.52E-07	8.28E-05	9.77E-05	-1.08E-04					
62	1037.00	2.62E+00	1.46E+00	1.63E+00	-1.62E+00	-1.80E-01	5.98E-01	3.76E+00	3.20E-01	-35.16	1.46E+00	1.62E+00		
	-318.00	4.49E-05	-7.77E-06	.00E+00	-1.47E-04	-1.63E-05	5.44E-05	9.67E-05	-5.96E-05					
63	862.00	1.49E-03	-1.08E-01	-2.19E-01	-1.14E+00	-1.29E-01	6.36E-01	1.09E+00	-1.20E+00	-43.62	1.49E-03	-1.14E+00		
	-213.00	4.30E-06	-6.95E-07	-5.73E-06	-1.04E-04	-1.17E-05	5.78E-05	5.38E-05	-5.02E-05					
64	1012.00	-2.17E-01	-2.31E-01	-3.81E-01	-1.20E+00	-4.07E-02	5.08E-01	9.78E-01	-1.43E+00	-44.83	-2.17E-01	-1.20E+00		
	-213.00	9.03E-07	2.58E-07	-6.55E-06	-1.09E-04	-3.70E-06	4.62E-05	5.52E-05	-5.41E-05					
65	837.00	3.96E-01	-4.01E-02	-4.79E-01	-9.02E-01	-1.03E+00	7.91E-01	1.11E+00	-7.50E-01	-38.21	-4.01E-02	9.02E-01		
	-148.00	9.64E-06	-2.63E-07	-1.02E-05	-4.10E-05	-4.68E-05	3.60E-05	2.58E-05	-1.64E-05					
66	937.00	2.46E-01	-7.36E-02	-4.72E-01	-1.46E+00	-3.41E-01	6.42E-01	1.56E+00	-1.39E+00	-41.89	-1.04E+00	9.50E-01		
	-128.00	7.16E-06	-1.04E-07	-9.15E-06	-6.66E-05	-1.55E-05	2.92E-05	3.70E-05	-3.00E-05					
67	1037.00	1.59E+00	2.56E-01	-1.79E-02	-1.48E+00	-6.52E-01	1.03E+00	2.55E+00	-7.00E-01	-32.86	2.56E-01	1.48E+00		
	-148.00	2.66E-05	-3.78E-06	-1.00E-05	-6.73E-05	-2.96E-05	4.70E-05	4.83E-05	-2.55E-05					
68	837.00	6.54E-01	4.11E-01	1.32E-01	-1.60E+00	-6.41E-01	5.99E-01	2.14E+00	-1.07E+00	-42.82	6.54E-01	-1.60E+00		
	-68.00	1.20E-05	2.65E-06	-8.08E-06	-1.23E-04	-4.93E-05	4.61E-05	6.90E-05	-5.43E-05					
69	937.00	6.93E-01	-3.10E-01	-3.13E-01	-1.03E+00	-5.85E-01	8.30E-01	1.34E+00	-9.54E-01	-32.02	-3.10E-01	1.03E+00		
	-88.00	2.59E-05	-1.27E-05	-1.28E-05	-7.92E-05	-4.50E-05	6.38E-05	5.07E-05	-3.75E-05					
70	1037.00	-3.55E-01	-7.04E-01	-8.45E-01	-1.73E+00	2.21E-01	2.01E+00	1.21E+00	-2.27E+00	-42.13	-1.85E+00	1.13E+00		
	-68.00	7.26E-06	-6.14E-06	-1.16E-05	-1.33E-04	1.70E-05	1.55E-04	6.75E-05	-6.64E-05					
71	862.00	4.52E-01	1.49E-01	-1.79E-01	-7.19E-01	-5.11E-01	5.99E-01	1.04E+00	-4.35E-01	-39.05	4.52E-01	-7.19E-01		
	-18.00	1.27E-05	1.09E-06	-1.15E-05	-5.53E-05	-3.93E-05	4.61E-05	3.52E-05	-2.14E-05					
72	1012.00	-2.59E-01	-3.74E-01	-7.18E-01	-7.78E-01	7.72E-02	4.07E-01	4.64E-01	-1.10E+00	-42.89	-2.59E-01	-7.78E-01		
	-18.00	4.88E-06	4.67E-07	-1.28E-05	-5.98E-05	5.94E-06	3.13E-05	3.27E-05	-2.73E-05					
73	1387.00	-1.95E-01	-2.32E-01	-2.46E-01	-8.05E-01	-2.54E-02	-5.68E-02	5.97E-01	-1.01E+00	-44.17	-1.85E-01	-8.05E-01		
	-303.00	1.87E-07	-1.94E-06	-2.55E-06	-7.32E-05	-2.31E-06	-5.17E-06	3.57E-05	-3.75E-05					
74	1387.00	-5.89E-02	-7.44E-02	-2.91E-01	-8.86E-01	-7.03E-02	4.36E-03	8.20E-01	-9.53E-01	-44.75	-5.89E-02	-8.86E-01		
	-213.00	2.83E-06	2.13E-06	-7.72E-06	-8.06E-05	-6.39E-06	3.96E-07	4.28E-05	-3.78E-05					
75	1387.00	2.84E-02	-1.60E-01	-6.71E-01	-6.64E-01	-1.66E-01	-5.29E-02	6.05E-01	-7.36E-01	-40.96	2.84E-02	-6.64E-01		
	-138.00	4.85E-06	5.71E-07	-1.10E-05	-3.02E-05	-7.54E-06	-2.40E-06	1.80E-05	-1.25E-05					
76	1187.00	5.11E-01	3.46E-01	-2.53E-02	-9.62E-01	-4.54E-01	-7.42E-01	1.29E+00	-4.37E-01	-42.27	5.11E-01	-8.62E-01		
	-68.00	1.05E-05	4.17E-06	-1.01E-05	-6.63E-05	-3.49E-05	-5.71E-05	4.06E-05	-2.60E-05					
77	1387.00	4.39E-01	2.68E-01	-2.56E-01	-6.17E-01	-3.15E-01	3.36E-01	9.77E-01	-2.70E-01	-41.05	2.68E-01	6.17E-01		
	-88.00	1.19E-05	5.35E-06	-1.48E-05	-4.75E-05	-2.42E-05	2.59E-05	3.26E-05	-1.53E-05					
78	1587.00	-1.29E-01	-1.56E-01	-5.81E-01	-6.28E-01	7.52E-02	-2.59E-01	4.86E-01	-7.70E-01	-44.39	-3.96E-01	5.74E-01		
	-68.00	4.60E-06	3.57E-06	-1.29E-05	-4.83E-05	5.79E-06	-1.99E-05	2.82E-05	-2.01E-05					
79	1237.00	[illegible]0E-01	1.47E-01	-2.51E-01	-6.03E-01	-3.80E-01	1.[illegible]01	9.52E-01	-3.05E-01	-36.84	5.00E-01	-6.03E-01		
	-18.00	[illegible]6E-05	1.30E-06	-1.40E-05	-4.64E-05	-2.93E-05	[illegible]06	3.23E-05	-1.61E-05					
80	1433.[illegible]	[illegible]6E-01	1.82E-01	-3.53E-01	-7.14E-01	-9.32E-02	[illegible]02	9.53E-01	-4.78E-01	-42.78	2.93E-01	-7.1[illegible]		

	-8.00	[illegible]93E-06	5.66E-06	-1.49E-05	-5.49E-05	-7.17E-06	[illegible]-06	3.53E-05	-1.97E-05					
A1	1533.80	[illegible].57E-01	1.39E-01	-2.88E-01	-4.80E-01	-5.54E-03	[illegible]-02	8.03E-01	-2.08E-01	-35.61	1.38E-01	4.80E-[illegible]		
	-28.00	1.42E-05	1.94E-06	-1.44E-05	-3.69E-05	-4.26E-07	1.71E-06	2.75E-05	-1.14E-05					
A2	1633.80	3.58E-01	6.76E-02	-3.23E-01	-1.06E-01	1.38E-01	-1.00E-01	3.93E-01	3.30E-02	-18.06	3.36E-02	-1.60E-02		
	-8.00	1.27E-05	1.47E-06	-1.36E-05	-8.15E-06	1.06E-05	-7.69E-06	1.40E-05	1.44E-07					
A3	1433.80	2.11E+00	9.09E-01	6.10E-01	-5.24E-01	-6.85E-01	1.11E-01	2.30E+00	7.12E-01	-20.58	9.09E-01	5.24E-01		
	-27.60	4.12E-05	-4.90E-06	-1.64E-05	-4.03E-05	-5.27E-05	8.53E-06	4.88E-05	-1.25E-05					
A4	1296.10	7.22E-01	7.36E-02	-2.55E-01	-5.85E-01	-3.83E-01	3.25E-01	1.07E+00	-2.71E-01	-30.50	4.34E-01	6.68E-01		
	40.70	2.18E-05	-3.12E-06	-1.57E-05	-4.50E-05	-2.94E-05	2.50E-05	3.51E-05	-1.64E-05					
B5	1148.60	3.13E-01	-1.11E-01	-3.98E-01	-6.36E-01	-3.73E-01	-3.79E-01	7.72E-01	-5.70E-01	-35.78	-4.55E-01	-3.70E-01		
	57.33	1.42E-05	-2.12E-06	-1.32E-05	-4.90E-05	-2.87E-05	-2.91E-05	3.18E-05	-1.98E-05					
B6	1131.40	2.66E+00	1.25E+00	8.65E-01	-2.32E-01	-1.35E+00	-1.11E-01	2.70E+00	1.21E+00	-9.14	1.25E+00	2.32E-01		
	112.00	4.98E-05	-4.32E-06	-1.92E-05	-1.79E-05	-1.04E-04	-8.53E-06	5.12E-05	-5.76E-06					
B7	1019.80	7.90E-01	6.01E-02	-1.99E-01	-8.13E-01	-6.56E-01	1.46E+00	1.32E+00	-4.66E-01	-32.91	6.01E-02	8.13E-01		
	34.67	2.32E-05	-4.84E-06	-1.48E-05	-6.26E-05	-5.05E-05	1.12E-04	4.35E-05	-2.51E-05					
B8	886.60	2.93E-01	-1.12E-02	-3.36E-01	-5.78E-01	-3.01E-01	6.20E-01	7.38E-01	-4.56E-01	-37.62	2.93E-01	-5.78E-01		
	46.00	1.19E-05	1.63E-07	-1.23E-05	-4.44E-05	-2.31E-05	4.77E-05	2.90E-05	-1.70E-05					
B9	869.80	1.83E+00	7.43E-01	4.53E-01	-2.31E-01	-8.96E-01	-7.58E-02	1.86E+00	6.96E-01	-11.52	7.43E-01	2.31E-01		
	96.00	3.71E-05	-4.68E-06	-1.58E-05	-1.78E-05	-6.89E-05	-5.83E-06	3.90E-05	-6.49E-06					
90	952.60	1.49E-01	-9.52E-01	-8.47E-01	-1.02E+00	-3.48E-01	7.07E-01	7.57E-01	-1.56E+00	-30.82	-1.29E+00	7.41E-01		
	128.00	2.39E-05	-1.85E-05	-1.45E-05	-7.84E-05	-2.68E-05	5.44E-05	4.72E-05	-4.19E-05					
91	869.80	5.21E-01	1.74E-01	-1.78E-01	-3.55E-01	-4.26E-01	-9.19E-02	7.42E-01	-4.80E-02	-31.98	5.21E-01	-3.55E-01		
	160.00	1.43E-05	1.01E-06	-1.25E-05	-2.73E-05	-3.28E-05	-7.07E-06	2.29E-05	-7.52E-06					
92	869.80	2.37E+00	6.96E-01	5.31E-01	-1.60E-01	-1.60E+00	2.45E-01	2.39E+00	6.81E-01	-5.40	6.96E-01	1.60E-01		
	203.60	5.17E-05	-1.28E-05	-1.91E-05	-1.23E-05	-1.23E-04	1.89E-05	5.22E-05	-1.33E-05					
93	508.67	7.17E-02	-1.37E-01	-2.08E-01	-1.10E+00	-1.17E+00	1.46E+00	1.08E+00	-1.14E+00	-42.29	-1.37E-01	1.10E+00		
	16.00	5.77E-06	-2.27E-06	-5.00E-06	-8.49E-05	-9.03E-05	1.12E-04	4.44E-05	-4.09E-05					
94	645.75	2.13E-01	2.50E-02	-1.01E-01	-7.04E-01	-4.56E-01	5.99E-01	8.29E-01	-5.91E-01	-41.19	2.13E-01	-7.04E-01		
	24.00	6.70E-06	-5.46E-07	-5.39E-06	-5.41E-05	-3.51E-05	4.61E-05	3.04E-05	-2.42E-05					
95	613.10	5.55E-01	7.47E-01	4.20E-01	-1.15E+00	-5.69E-01	-4.65E-01	1.80E+00	-5.02E-01	-47.38	5.55E-01	-1.15E+00		
	69.33	2.43E-06	9.79E-06	-2.76E-06	-8.84E-05	-4.38E-05	-3.58E-05	5.05E-05	-3.82E-05					
96	708.45	4.27E-01	3.67E-02	-1.37E-01	-5.76E-01	-4.77E-01	3.86E-01	8.40E-01	-3.76E-01	-35.64	4.05E-01	5.83E-01		
	55.00	1.28E-05	-2.18E-06	-8.86E-06	-4.43E-05	-3.67E-05	2.97E-05	2.87E-05	-1.81E-05					
97	613.10	1.44E+00	5.64E-01	4.40E-01	-3.11E-01	-1.81E+00	3.02E-01	1.54E+00	4.65E-01	-17.70	5.64E-01	3.11E-01		
	96.00	2.85E-05	-5.16E-06	-9.93E-06	-2.39E-05	-1.39E-04	2.32E-05	3.23E-05	-8.97E-06					
98	682.27	5.05E-01	9.56E-02	-8.46E-02	-6.84E-01	-5.69E-01	2.36E-01	1.01E+00	-4.14E-01	-36.68	-3.60E-01	2.72E-01		
	112.00	1.37E-05	-1.99E-06	-8.92E-06	-5.26E-05	-4.38E-05	1.81E-05	3.34E-05	-2.16E-05					
99	751.43	1.31E+00	-6.78E-01	-1.96E-01	-9.15E-01	-1.02E+00	1.21E+00	1.67E+00	-1.03E+00	-21.27	-6.78E-01	9.15E-01		
	96.00	4.57E-05	-3.09E-05	-1.24E-05	-7.04E-05	-7.86E-05	9.33E-05	5.94E-05	-4.46E-05					
100	683.25	3.20E-01	-8.14E-02	-2.59E-01	-2.87E-01	-4.46E-01	5.27E-01	4.70E-01	-2.31E-01	-27.52	3.20E-01	-2.87E-01		
	152.00	1.25E-05	-2.91E-06	-9.74E-06	-2.21E-05	-3.43E-05	4.05E-05	1.83E-05	-8.66E-06					
101	648.67	2.11E+00	8.84E-01	6.96E-01	-8.05E-02	-1.23E+00	1.77E-01	2.12E+00	8.79E-01	-3.73	8.84E-01	8.05E-02		
	192.00	4.07E-05	-6.57E-06	-1.38E-05	-6.19E-06	-9.49E-05	1.36E-05	4.09E-05	-6.77E-06					
102	725.25	2.25E-01	-2.89E-01	-4.22E-01	-3.68E-01	-3.50E-01	4.31E-01	4.18E-01	-4.81E-01	-27.55	-5.52E-02	4.49E-01		
	232.70	1.40E-05	-5.76E-06	-1.09E-05	-2.83E-05	-2.60E-05	3.31E-05	2.14E-05	-1.32E-05					
103	635.50	4.26E-01	6.35E-01	1.50E-01	8.02E-02	-2.86E-01	-4.18E-01	6.62E-01	3.99E-01	71.23	4.26E-01	8.02E-02		
	256.00	3.08E-06	1.11E-05	-7.54E-06	6.17E-06	-2.20E-05	-3.21E-05	1.22E-05	2.04E-06					
104	635.50	5.63E-01	4.25E-01	-8.29E-02	1.16E-01	-9.73E-01	1.60E-02	6.29E-01	3.59E-01	29.52	4.25E-01	-1.16E-01		
	290.67	1.17E-05	6.39E-06	-1.31E-05	8.89E-06	-7.48E-05	1.23E-06	1.42E-05	3.87E-06					
105	569.00	-2.84E-01	-2.40E-01	-2.64E-01	-1.21E+00	-5.33E-01	1.19E+00	9.41E-01	-1.48E+00	-45.64	-2.94E-01	-1.21E+00		
	14.50	-2.55E-06	-4.70E-07	-1.37E-06	-9.29E-05	-4.10E-05	9.19E-05	4.50E-05	-4.80E-05					
106	508.50	-2.27E+00	-1.60E+00	-1.56E+00	-8.16E-01	-1.25E+00	3.11E-01	-1.05E+00	-2.81E+00	-56.15	-1.60E+00	8.16E-01		
	13.00	-2.76E-05	-1.83E-06	-3.86E-07	-6.28E-05	-9.65E-05	2.39E-05	1.92E-05	-4.86E-05					
107	521.00	-6.99E-01	-4.05E-01	-3.58E-01	-1.17E+00	-4.20E-01	5.98E-01	6.31E-01	-1.73E+00	-48.58	-6.99E-01	-1.17E+00		
	15.75	-1.08E-05	4.09E-07	2.30E-06	-9.03E-05	-3.23E-05	4.60E-05	4.03E-05	-5.07E-05					
108	526.25	-6.20E-01	-3.66E-01	-3.44E-01	-1.29E+00	-3.68E-01	6.31E-01	8.01E-01	-1.79E+00	-47.81	-6.20E-01	-1.29E+00		
	21.00	-9.23E-06	5.37E-07	1.38E-06	-9.91E-05	-2.83E-05	4.85E-05	4.54E-05	-5.41E-05					
109	515.50	-1.41E+00	-1.04E+00	-1.07E+00	-1.56E+00	-9.67E-01	3.13E-01	3.62E-01	-2.81E+00	-48.41	-1.04E+00	1.58E+00		
	26.00	-1.57E-05	-1.21E-06	-2.39E-06	-1.21E-04	-7.44E-05	2.41E-05	5.26E-05	-6.95E-05					
110	531.50	-2.89E-01	-2.61E-01	-2.36E-01	-1.07E+00	-2.76E-01	5.74E-01	7.95E-01	-1.34E+00	-45.38	-2.89E-01	-1.07E+00		
	34.50	-2.48E-06	-1.39E-06	-4.40E-07	-8.23E-05	-2.12E-05	4.42E-05	3.92E-05	-4.31E-05					
111	515.50	9.37E-01	1.43E+00	9.98E-01	-3.04E+00	-2.38E-01	-9.24E-01	4.24E+00	-1.87E+00	-47.33	9.37E-01	-3.04E+00		
	44.00	-9.72E-07	1.81E-05	1.37E-06	-2.34E-04	-1.83E-05	-7.10E-05	1.26E-04	-1.04E-04					
112	515.50	3.84E-01	1.42E-01	9.08E-02	-7.12E-01	-6.53E-01	2.64E-01	9.86E-01	-4.60E-01	-40.17	1.42E-01	7.12E-01		

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	53.33	9.00E-06	-1.33E-06	-3.29E-06	-5.45E-05	-5.02E-05	2.03E-05	3.11E-05	-2.45E-05				
113	547.50	1.01E-01	-7.38E-01	-3.643E-01	-1.20E+00	-3.42E-01	1.75E+00	9.53E-01	-1.59E+00	-35.37	-1.10E+00	1.00E+00	
	64.00	1.49E-05	-1.73E-05	-3.09E-06	-9.23E-05	-2.63E-05	1.34E-04	4.77E-05	-5.01E-05				
114	515.50	9.25E-01	1.62E+00	7.25E-01	-1.25E+00	-1.15E-01	-7.10E-02	2.23E+00	-2.81E-01	-46.12	9.25E-01	-1.25E+00	
	74.67	6.21E-04	9.96E-06	-1.49E-06	-9.65E-05	-9.17E-06	-5.46E-06	5.63E-05	-4.02E-05				
115	515.50	2.07E+00	1.22E+00	1.20E+00	-4.74E-01	-4.25E-01	2.61E-01	2.29E+00	1.01E+00	-24.08	1.22E+00	4.74E-01	
	98.00	3.03E-05	-2.37E-06	-3.18E-06	-3.65E-05	-3.27E-05	2.00E-05	3.84E-05	-1.05E-05				
116	547.50	1.00E+00	-1.58E-01	2.29E-01	-1.55E+00	-2.44E-01	9.62E-01	2.08E+00	-1.23E+00	-34.72	-8.19E-01	1.09E+00	
	104.00	2.68E-05	-1.79E-05	-3.00E-06	-1.19E-04	-1.88E-05	7.40E-05	6.81E-05	-5.92E-05				
117	515.50	2.07E-01	1.71E-01	1.28E-02	-1.05E+00	-5.18E-02	2.01E-01	1.24E+00	-8.61E-01	-44.50	2.07E-01	-1.05E+00	
	120.00	3.68E-06	2.29E-06	-3.81E-06	-8.08E-05	-3.59E-06	1.54E-05	4.34E-05	-3.74E-05				
118	515.50	1.21E+00	6.58E-01	5.50E-01	-4.04E-01	-2.70E-01	2.15E-01	1.43E+00	4.45E-01	-27.76	6.58E-01	4.04E-01	
	136.00	2.00E-05	-1.30E-06	-5.44E-06	-3.11E-05	-2.08E-05	1.66E-05	2.82E-05	-9.47E-06				
119	547.50	9.39E-01	3.65E-01	3.11E-01	-9.28E-01	-1.41E-01	3.44E-01	1.60E+00	-3.58E-01	-35.57	-9.39E-02	6.69E-01	
	152.00	1.90E-05	-5.35E-06	-5.12E-06	-7.14E-05	-1.09E-05	2.64E-05	4.45E-05	-3.05E-05				
120	515.50	4.61E-01	3.81E-01	1.25E-01	-6.42E-01	-9.51E-02	-2.13E-01	1.06E+00	-2.22E-01	-43.21	4.61E-01	-6.42E-01	
	168.00	7.10E-06	4.02E-06	-5.82E-06	-4.93E-05	-7.32E-06	-1.64E-05	3.03E-05	-1.92E-05				
121	515.50	1.77E+00	1.01E+00	8.31E-01	-3.01E-01	-4.34E-01	1.54E-01	1.87E+00	9.04E-01	-19.17	1.01E+00	3.01E-01	
	184.00	2.84E-05	-8.72E-07	-7.70E-06	-2.32E-05	-3.34E-05	1.19E-05	3.24E-05	-4.90E-06				
122	547.50	4.04E-01	-5.90E-01	-3.38E-01	-1.08E+00	-1.94E-01	7.54E-01	1.10E+00	-1.29E+00	-32.69	-1.04E+00	7.23E-01	
	200.00	2.13E-05	-1.69E-05	-7.25E-06	-8.34E-05	-1.50E-05	5.80E-05	4.81E-05	-4.37E-05				
123	515.50	-3.03E-01	-4.53E-01	-5.94E-01	-4.39E-01	-3.70E-02	-2.36E-01	5.15E-02	-8.47E-01	-38.89	-3.03E-01	-4.39E-01	
	216.00	3.64E-06	-3.69E-06	-7.59E-06	-3.38E-05	-2.85E-06	-1.81E-05	1.73E-05	-1.73E-05				
124	515.50	4.40E-01	1.44E-01	-1.05E-01	-1.03E-01	-2.93E-01	1.05E-01	4.72E-01	1.11E-01	-17.45	1.44E-01	1.03E-01	
	232.00	1.17E-05	2.65E-07	-9.30E-06	-7.95E-06	-2.26E-05	8.06E-06	1.29E-05	-9.85E-07				
125	547.50	-1.25E-01	-3.89E-01	-5.24E-01	-2.40E-01	-1.01E-01	9.34E-01	1.70E-02	-5.31E-01	-30.65	-4.86E-01	1.50E-01	
	248.00	6.59E-06	-3.54E-06	-8.76E-06	-1.85E-05	-7.74E-06	7.19E-05	1.21E-05	-9.02E-06				
126	515.50	-7.64E-01	-1.06E+00	-1.02E+00	1.63E-01	1.04E-01	9.72E-02	-6.91E-01	-1.13E+00	24.10	-7.64E-01	1.63E-01	
	264.00	1.83E-06	-9.38E-06	-8.07E-06	1.25E-05	7.98E-06	7.47E-06	4.64E-06	-1.22E-05				
127	515.50	-2.87E-02	-1.13E-01	-3.32E-01	-1.03E-02	9.61E-02	7.15E-02	-2.75E-02	-1.14E-01	-6.88	-1.13E-01	1.03E-02	
	276.00	4.10E-06	8.58E-07	-7.57E-06	-7.95E-07	7.39E-06	5.80E-06	4.15E-06	8.10E-07				
128	531.50	-4.53E-01	-2.40E-01	-5.49E-01	-2.98E-03	9.35E-02	4.33E-02	-2.40E-01	-4.53E-01	-89.20	-4.53E-01	-2.98E-03	
	297.00	-3.77E-06	4.42E-06	-7.48E-06	-2.29E-07	7.19E-06	3.33E-06	4.42E-06	-3.77E-06				
129	515.50	-1.39E+00	-9.59E-01	-1.19E+00	2.96E-01	9.06E-02	-5.52E-02	-8.09E-01	-1.54E+00	63.01	-1.39E+00	2.96E-01	
	320.00	-1.45E-05	2.04E-06	-7.02E-06	2.28E-05	6.97E-06	-4.25E-06	7.84E-06	-2.03E-05				
183	565.50	-4.20E-02	-8.24E-02	-2.41E-02	-1.80E+00	-6.94E-01	1.30E+00	1.74E+00	-1.86E+00	-44.68	-4.20E-02	-1.80E+00	
	-8.00	1.70E-08	-1.54E-06	7.04E-07	-1.38E-04	-5.34E-05	1.00E-04	6.84E-05	-7.00E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .6500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.9137E+01	.5951E+02	-.8667E+02	-.1486E+02	-.3059E+02	.2167E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2842E+01	-.1427E+01	-.7231E+00	-.1438E+02	.8494E+01	.1248E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3019E+01	.5655E+00	-.3828E+00	-.2396E+02	.1984E+02	.2277E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4210E+01	-.9297E+00	-.1212E+00	-.3368E+02	.3105E+02	.3364E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.[illegible]00	.0000E+00	.0000E+00
	.5233E+01	.8589E+00	-.1543E+00	-.4[illegible]02	.4255E+02	.4553E+02
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1212E+01	.1609E+00	-.3054E+00	-.6167E+02	.5373E+02	.6068E+02
25	-.8104E+01	-.1355E+01	-.9972E-01	-.7734E+02	.5907E+02	.7600E+02
26	.1160E+02	.1707E+01	-.1265E+00	-.8302E+02	.6281E+02	.8725E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3842E+02	.8061E+01	-.1917E+01	-.9432E+02	.8804E+02	.9649E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.9287E+03	-.1544E+03	.1864E+01	-.1256E+03	.2353E+03	.1574E+03
40	-.6029E+03	-.8849E+02	-.5781E+01	-.1166E+03	.2321E+03	.1430E+03
41	-.3450E+03	-.4098E+02	-.1063E+02	-.9908E+02	.2105E+03	.1227E+03
42	-.6239E+02	-.7599E+00	-.8030E+01	-.8470E+02	.1502E+03	.1063E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.6254E+03	.7727E+02	.2788E+01	-.1346E+02	.2515E+03	-.1032E+03
48	.5396E+03	.6738E+02	.3469E+01	-.4851E+02	.2306E+03	-.7223E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1193E+04	.1810E+03	.5789E+01	-.8583E+01	.1668E+03	-.2612E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2539E+01	-.8899E+01	-.3578E+00	-.6576E+01	.2458E+03	-.9846E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.8188E+03	.1240E+03	.5740E+01	-.2101E+02	.1320E+03	-.2413E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.5753E+03	.8734E+02	.7642E+01	-.1743E+02	.1211E+03	-.2339E+03
66	.1979E+03	.3048E+02	.9600E+01	-.1652E+02	.9138E+02	-.2435E+03
67	-.3794E+03	-.5636E+02	.9685E+01	-.1581E+02	.6037E+02	-.2419E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.6729E+03	-.1006E+03	.8112E+01	-.5057E+02	.2974E+02	-.2631E+03
76	.7352E+02	.1104E+02	.5736E+01	-.6336E+02	-.7973E+01	-.2725E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

85	-.2850E+03	-.4361E+02	.4345E+01	-.5725E+02	-.5281E+02	-.2608E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1194E+03	.1711E+02	.3141E+01	-.8535E+02	-.8021E+02	-.2595E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1714E+03	-.2677E+02	.2855E+01	-.6709E+02	-.1193E+03	-.2373E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1022E+03	.1404E+02	.2353E+01	-.5613E+02	-.1425E+03	-.2149E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1205E+03	-.1970E+02	.2366E+01	-.5577E+02	-.1753E+03	-.1950E+03
109	.7119E+02	.8842E+01	.2121E+01	-.5328E+02	-.1966E+03	-.1676E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1039E+03	-.1769E+02	.2026E+01	-.3254E+02	-.2225E+03	-.1435E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7237E+02	-.1309E+02	.4264E+00	-.1886E+02	-.2332E+03	-.1171E+03
115	-.1402E+02	-.4462E+01	-.1804E+00	-.1967E+01	-.2356E+03	-.8757E+02
116	-.8831E+02	-.1588E+02	-.1077E+01	.6216E+01	-.2450E+03	-.7363E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.7578E+02	-.1413E+02	-.1901E+01	-.5653E+01	-.2509E+03	-.5891E+02
119	-.5866E+02	-.1103E+02	-.2849E+01	.1854E+02	-.2267E+03	-.4166E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1262E+03	-.1560E+02	-.7814E+01	.1487E+02	-.1905E+03	-.2730E+02
122	-.1083E+03	-.6534E+01	-.1196E+02	-.8179E+01	-.1835E+03	-.2080E+02
123	-.8207E+02	-.4150E+01	-.1036E+02	-.6165E+01	-.1599E+03	-.1856E+02
124	-.5984E+02	-.2996E+01	-.7126E+01	-.4760E+01	-.1314E+03	-.1675E+02
125	-.3870E+02	-.1756E+01	-.5200E+01	-.3591E+01	-.1083E+03	-.1503E+02
126	-.1072E+02	.3050E+01	-.4838E+01	-.2093E+01	-.9057E+02	-.1319E+02
127	.9873E+01	.6463E+01	-.4912E+01	-.1047E+01	-.7684E+02	-.1088E+02
128	.3045E+02	.9155E+01	-.4565E+01	.1361E+01	-.4901E+02	-.8304E+01
129	.3035E+02	.7852E+01	-.3677E+01	.2511E+01	-.2690E+02	-.6110E+01
130	.2088E+02	.4763E+01	-.2518E+01	.2822E+01	-.1094E+02	-.4691E+01
131	.5322E+01	.8298E+00	-.1515E+01	.2453E+01	-.2815E+01	-.3934E+01
132	-.6544E+00	-.3992E+00	-.1082E+01	.1472E+01	-.3688E+01	-.3479E+01
133	-.1027E+01	-.3128E+00	-.1020E+01	.9351E+00	-.4740E+01	-.2977E+01
134	-.2873E+00	-.8862E-01	-.1039E+01	.7074E+00	-.4114E+01	-.2353E+01
135	-.2312E-02	-.1850E-02	-.1173E+01	.5530E+00	-.2904E+01	-.1731E+01
136	.2040E-01	-.2490E-02	-.1558E+01	.3989E+00	-.1861E+01	-.1152E+01
137	.3539E-01	.1221E-01	-.2455E+01	.2966E+00	-.8384E+00	-.6294E+00
138	-.6245E-02	-.5938E-01	-.4177E+02	.2207E+00	.2282E+00	-.3202E+00
139	-.4442E-01	-.7202E-01	.1639E+02	.3280E-01	-.1239E+00	.1291E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.11736E-02	-.98820E-07	-.11924E-02	.00000E+00
3	.19188E-02	.23509E-04	-.19003E-02	[illegible]00E+00
[illegible]	.15626E-02	.34295E-04	-.19281E-02	[illegible]00E+00

	.19404E-02	-.27433E-04	-.19695E-02	.00000E+00
	.18804E-02	.71729E-05	-.18891E-02	.72E-05
7	.19636E-02	.19235E-03	-.19774E-02	.00000E+00
8	.19823E-02	.15219E-03	-.18920E-02	.80346E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.11498E-02	.61362E-04	-.11446E-02	.00000E+00
11	.18499E-02	.13065E-03	-.18701E-02	.00000E+00
12	.19083E-02	.17523E-03	-.19456E-02	.00000E+00
13	.19548E-02	.14506E-03	-.19796E-02	.00000E+00
14	.18786E-02	.22515E-03	-.19116E-02	.21670E-05
15	.18931E-02	.41245E-03	-.20160E-02	.00000E+00
16	.18712E-02	.39079E-03	-.19414E-02	.10160E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.11051E-02	.14291E-03	-.11488E-02	.00000E+00
19	.18006E-02	.31452E-03	-.18891E-02	.00000E+00
20	.18346E-02	.39193E-03	-.19645E-02	.00000E+00
21	.19142E-02	.34381E-03	-.20236E-02	.00000E+00
22	.18546E-02	.44749E-03	-.19842E-02	.25034E-05
23	.18468E-02	.74843E-03	-.20508E-02	.00000E+00
24	.18452E-02	.72370E-03	-.20405E-02	.35246E-05
25	.18420E-02	.81696E-03	-.20761E-02	.13075E-05
26	.18403E-02	.86112E-03	-.20975E-02	.49599E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.94947E-03	.28748E-03	-.10731E-02	.00000E+00
29	.16135E-02	.63446E-03	-.17995E-02	.00000E+00
30	.17664E-02	.77968E-03	-.19329E-02	.00000E+00
31	.18821E-02	.87449E-03	-.20482E-02	.00000E+00
32	.18360E-02	.10099E-02	-.21210E-02	.93899E-05
33	.18265E-02	.10920E-02	-.20194E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.86209E-03	.34290E-03	-.10269E-02	.00000E+00
36	.14971E-02	.77855E-03	-.16738E-02	.00000E+00
37	.17069E-02	.88752E-03	-.18828E-02	.00000E+00
38	.17976E-02	.11791E-02	-.20328E-02	.00000E+00
39	.18749E-02	.14281E-02	-.21777E-02	.37982E-05
40	.18745E-02	.13587E-02	-.21662E-02	.83313E-05
41	.18746E-02	.12546E-02	-.21557E-02	.10196E-04
42	.18542E-02	.11279E-02	-.21391E-02	.10612E-04
43	.13538E-02	.10582E-02	-.14883E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.45630E-03	.31472E-03	-.65993E-03	.00000E+00
46	.10905E-02	.79276E-03	-.12029E-02	.00000E+00
47	.18746E-02	.14411E-02	-.21814E-02	.24580E-06
48	.18752E-02	.14379E-02	-.21816E-02	.16895E-05
49	.17790E-02	.11830E-02	-.20068E-02	.00000E+00
50	.18707E-02	.14449E-02	-.21726E-02	-.45628E-07
51	.15390E-02	.12265E-02	-.17330E-02	.00000E+00
52	.17479E-02	.13464E-02	-.18125E-02	.00000E+00
53	.18742E-02	.14274E-02	-.21608E-02	-.18317E-05
54	.11611E-02	.87295E-03	-.11395E-02	.00000E+00
55	.13233E-02	.10100E-02	-.10942E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.24767E-03	.14592E-03	-.68157E-04	.00000E+00
58	.50429E-03	.28783E-03	.14296E-03	.00000E+00
59	.15940E-02	.11402E-02	-.12834E-02	.00000E+00
60	.16708E-02	.12363E-02	-.14143E-02	.00000E+00
61	.18730E-02	.14493E-02	-.21684E-02	-.14127E-05
62	.70311E-03	.48371E-03	.19156E-03	.00000E+00
63	.97091E-03	.65391E-03	-.31153E-03	.00000E+00
64	.17791E-02	.13654E-02	-.18141E-02	.00000E+00
65	.18788E-02	.14531E-02	-.21639E-02	-.24255E-05
66	.18979E-02	.14506E-02	-.21548E-02	-.37977E-05
67	.19235E-02	.14591E-02	-.21460E-02	-.42006E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00

602

3704

69	.49324E-04	.78524E-04	.33343E-03	.00000E+00
70	.26520E-03	.30333E-03	.12194E-02	.00000E+00
71	.11347E-02	.72764E-03	.47861E-05	.00000E+00
72	.17812E-02	.13523E-02	-.17241E-02	.00000E+00
73	.20858E-03	.37156E-03	.22563E-02	.00000E+00
74	.18892E-02	.14248E-02	-.17814E-02	.00000E+00
75	.19470E-02	.14757E-02	-.21358E-02	-.39829E-05
76	.19330E-02	.14324E-02	-.21331E-02	-.37453E-05
77	.58251E-03	.51123E-03	.17225E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.42068E-04	.96157E-04	.89336E-03	.00000E+00
80	-.72999E-04	.18473E-03	.20600E-02	.00000E+00
81	-.12576E-03	.20214E-03	.25308E-02	.00000E+00
82	.60097E-04	.29118E-03	.17746E-02	.00000E+00
83	.12680E-02	.89300E-03	.18708E-03	.00000E+00
84	.59573E-03	.53326E-03	.18615E-02	.00000E+00
85	.20509E-02	.15111E-02	-.21102E-02	-.33819E-05
86	.19521E-02	.14324E-02	-.19341E-02	.00000E+00
87	.25193E-03	.35457E-03	.26952E-02	.00000E+00
88	.17480E-02	.12357E-02	-.83137E-03	.00000E+00
89	.21011E-02	.15306E-02	-.21005E-02	-.29800E-05
90	-.91644E-03	-.13979E-04	.65288E-02	.00000E+00
91	-.76338E-03	-.45500E-04	.63201E-02	.00000E+00
92	-.57873E-03	-.27716E-04	.63733E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.71030E-03	.00000E+00	.34246E-02	.00000E+00
95	-.10900E-02	.00000E+00	.60425E-02	.00000E+00
96	-.10717E-02	.00000E+00	.65606E-02	.00000E+00
97	-.11938E-02	.00000E+00	.71003E-02	.00000E+00
98	-.13220E-02	.00000E+00	.71694E-02	.00000E+00
99	-.10398E-02	-.54248E-04	.72520E-02	.00000E+00
100	-.52165E-04	.63187E-04	.51276E-02	.00000E+00
101	.92473E-03	.52322E-03	.22481E-02	.00000E+00
102	.21678E-02	.15607E-02	-.20700E-02	-.24287E-05
103	.13057E-02	.96661E-03	.51906E-03	.00000E+00
104	.21263E-02	.15781E-02	-.19227E-02	.00000E+00
105	.22141E-02	.15802E-02	-.20413E-02	-.14120E-05
106	.15675E-02	.11755E-02	-.16021E-03	.00000E+00
107	.21298E-02	.16032E-02	-.16924E-02	.00000E+00
108	.22428E-02	.16223E-02	-.19984E-02	-.12589E-05
109	.22761E-02	.16180E-02	-.19616E-02	-.12858E-05
110	.19425E-02	.14122E-02	-.19280E-03	.00000E+00
111	.22241E-02	.16917E-02	-.15856E-02	.00000E+00
112	.23029E-02	.16348E-02	-.19051E-02	-.10789E-05
113	.21598E-02	.14342E-02	-.69929E-03	.00000E+00
114	.23175E-02	.16389E-02	-.18611E-02	.43763E-06
115	.22876E-02	.16473E-02	-.17967E-02	.13655E-05
116	.22530E-02	.16394E-02	-.17378E-02	.24921E-05
117	.22196E-02	.17598E-02	-.17533E-02	.00000E+00
118	.22142E-02	.16400E-02	-.17043E-02	.38141E-05
119	.21271E-02	.16393E-02	-.16451E-02	.47911E-05
120	.22730E-02	.16958E-02	-.15867E-02	.00000E+00
121	.19986E-02	.16286E-02	-.15761E-02	.61251E-05
122	.19860E-02	.15798E-02	-.15778E-02	.66416E-05
123	.19685E-02	.15367E-02	-.15761E-02	.74574E-05
124	.19492E-02	.14995E-02	-.15745E-02	.82058E-05
125	.19242E-02	.14371E-02	-.15718E-02	.91485E-05
126	.18765E-02	.13386E-02	-.15670E-02	.10335E-04
127	.18252E-02	.12330E-02	-.15618E-02	.10627E-04
128	.17235E-02	.10995E-02	-.15510E-02	.93665E-05
129	.16450E-02	.82628E-03	-.15403E-02	.72426E-05
130	.15841E-02	.67312E-03	-.15285E-02	.46713E-05
131	.15376E-02	.54347E-03	-.15106E-02	[illegible]589E-05
[illegible]	.15201E-02	.48330E-03	-.14959E-02	[illegible]746E-05

	.15045E-02	.42662E-03	-.14835E-02	.[illegible]470E-05
	.14306E-02	.3[illegible]220E-03	-.14740E-02	.[illegible]173E-05
1[illegible]	.14760E-02	.26132E-03	-.14660E-02	.19731E-05
136	.14657E-02	.19354E-03	-.14615E-02	.18576E-05
137	.14508E-02	.10328E-03	-.14586E-02	.18623E-05
138	.14560E-02	.14362E-04	-.14560E-02	.17829E-05
139	.14560E-02	.18038E-05	-.14560E-02	.18016E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6600E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	7.45E-03	1.68E-02	8.23E-03	1.44E-01	2.34E-03	-1.45E-01	1.57E-01	-1.32E-01	45.92	7.45E-03	1.44E-01
	-303.00	-8.24E-08	3.40E-07	-4.73E-08	1.31E-05	2.13E-07	-1.32E-05	6.69E-06	-6.43E-06			
2	72.00	-8.76E-04	1.76E-02	5.03E-03	9.48E-02	3.56E-03	-9.58E-02	1.04E-01	-8.69E-02	47.78	-8.76E-04	9.48E-02
	-213.00	-3.22E-07	5.16E-07	-5.33E-08	8.61E-06	3.24E-07	-8.71E-06	4.42E-06	-4.23E-06			
3	72.00	-1.80E-02	2.15E-02	1.51E-04	3.78E-02	1.31E-03	-4.68E-02	4.44E-02	-4.09E-02	58.60	-1.80E-02	3.78E-02
	-138.00	-4.28E-07	4.70E-07	-1.59E-08	1.72E-06	5.98E-08	-2.13E-06	9.90E-07	-9.48E-07			
4	24.00	9.85E-02	1.16E-01	1.38E-01	4.28E-02	-2.01E-02	-4.72E-02	1.51E-01	6.33E-02	50.65	9.85E-02	4.28E-02
	-68.00	-8.13E-08	5.77E-07	1.44E-06	3.30E-06	-1.55E-06	-3.63E-06	1.93E-06	-1.43E-06			
5	72.00	-9.49E-02	-5.48E-02	-7.87E-02	4.21E-02	6.45E-03	-4.22E-02	-2.81E-02	-1.21E-01	57.72	-5.48E-02	-4.21E-02
	-88.00	-1.14E-06	4.03E-07	-5.19E-07	3.24E-06	4.96E-07	-3.24E-06	1.43E-06	-2.16E-06			
6	120.00	-6.58E-02	-8.26E-02	-7.07E-02	2.36E-02	3.65E-03	-4.07E-02	-4.91E-02	-9.92E-02	35.18	-5.25E-02	-1.25E-02
	-68.00	-1.22E-07	-7.70E-07	-3.11E-07	1.82E-06	2.81E-07	-3.13E-06	5.18E-07	-1.41E-06			
7	36.25	-1.35E-02	-1.42E-02	-1.56E-02	1.56E-02	4.83E-04	-1.05E-02	1.81E-03	-2.95E-02	44.34	-1.40E-02	1.56E-02
	-19.00	-4.21E-09	-6.99E-08	-1.26E-07	1.20E-06	3.72E-08	-8.05E-07	5.45E-07	-6.57E-07			
8	108.00	-1.30E-03	1.10E-02	-2.56E-03	-1.47E-02	4.12E-04	-4.41E-03	2.07E-02	-1.11E-02	-56.36	-1.30E-03	-1.47E-02
	-19.00	-1.28E-07	3.44E-07	-1.77E-07	-1.13E-06	3.17E-08	-3.39E-07	7.19E-07	-5.04E-07			
9	216.00	3.77E-02	6.61E-02	4.02E-02	1.41E-01	3.31E-04	-1.43E-01	1.94E-01	-8.97E-02	47.88	3.77E-02	1.41E-01
	-303.00	-1.55E-07	1.13E-06	-4.46E-08	1.28E-05	3.01E-08	-1.30E-05	6.93E-06	-5.95E-06			
10	216.00	2.98E-02	6.65E-02	3.33E-02	9.54E-02	9.90E-04	-9.78E-02	1.45E-01	-4.95E-02	50.43	2.98E-02	9.54E-02
	-213.00	-3.27E-07	1.34E-06	-1.71E-07	8.67E-06	9.00E-08	-8.89E-06	4.92E-06	-3.91E-06			
11	216.00	-9.61E-03	5.43E-02	-4.87E-03	4.75E-02	4.14E-03	-5.35E-02	7.96E-02	-3.49E-02	61.97	-9.61E-03	4.75E-02
	-138.00	-4.27E-07	1.02E-06	-3.20E-07	2.16E-06	1.88E-07	-2.43E-06	1.60E-06	-1.00E-06			
12	168.00	7.83E-02	1.79E-01	9.48E-02	6.64E-02	-3.67E-03	-4.36E-02	2.12E-01	4.53E-02	63.58	7.83E-02	6.64E-02
	-68.00	-8.57E-07	3.01E-06	-2.22E-07	5.11E-06	-2.82E-07	-3.35E-06	4.28E-06	-2.13E-06			
13	216.00	-1.07E-01	-5.20E-02	-8.55E-02	5.55E-02	9.06E-03	-4.03E-02	-1.76E-02	-1.41E-01	58.20	-5.20E-02	-5.55E-02
	-88.00	-1.43E-06	6.89E-07	-6.02E-07	4.27E-06	6.97E-07	-3.10E-06	2.01E-06	-2.75E-06			
14	264.00	-5.19E-02	-9.41E-02	-7.23E-02	3.46E-02	5.01E-03	-5.61E-02	-2.98E-02	-1.06E-01	32.52	-3.68E-02	-2.21E-02
	-68.00	2.94E-07	-9.46E-07	-4.92E-07	2.66E-06	3.86E-07	-4.31E-06	1.14E-06	-1.75E-06			
15	180.00	-3.25E-02	-8.50E-03	-2.91E-02	2.87E-02	-1.44E-03	-5.34E-03	1.06E-02	-5.16E-02	56.33	-3.25E-02	2.87E-02
	-19.00	-4.80E-07	4.43E-07	-3.49E-07	2.21E-06	-1.11E-07	-4.11E-07	1.18E-06	-1.22E-06			
16	252.00	1.11E-02	2.57E-02	-8.78E-04	-1.03E-02	1.02E-03	-7.96E-03	3.10E-02	5.78E-03	-62.73	1.11E-02	-1.03E-02
	-19.00	3.13E-08	5.95E-07	-4.29E-07	-7.92E-07	7.85E-08	-6.12E-07	7.99E-07	-1.73E-07			
17	361.00	6.47E-02	1.29E-01	7.39E-02	1.31E-01	4.13E-03	-1.39E-01	2.32E-01	-3.80E-02	51.91	6.47E-02	1.31E-01
	-303.00	-5.36E-07	2.39E-06	-1.17E-07	1.19E-05	3.76E-07	-1.26E-05	7.06E-06	-5.20E-06			
18	361.00	3.56E-02	1.25E-01	5.47E-02	1.01E-01	9.60E-03	-1.00E-01	1.90E-01	-2.99E-02	56.96	3.56E-02	1.01E-01
	-213.00	-1.18E-06	2.80E-06	-3.07E-07	9.15E-06	8.73E-07	-9.10E-06	5.86E-06	-4.15E-06			
19	361.00	-1.92E-02	1.01E-01	1.92E-03	8.76E-02	1.78E-02	-7.06E-02	1.47E-01	-6.53E-02	62.22	-1.92E-02	8.76E-02
	-138.00	-8.74E-07	1.86E-06	-3.95E-07	3.98E-06	8.10E-07	-3.21E-06	2.90E-06	-1.92E-06			
20	312.00	1.41E-01	2.84E-01	1.55E-01	1.09E-01	5.12E-04	-6.06E-02	3.43E-01	8.22E-02	61.55	1.41E-01	1.09E-01
	-68.00	-9.35E-07	4.54E-06	-4.16E-07	8.39E-06	3.94E-08	-4.67E-06	6.81E-06	-3.21E-06			
21	360.67	-1.76E-01	-1.55E-01	-1.49E-01	9.77E-02	2.21E-02	-6.61E-02	-6.72E-02	-2.64E-01	48.03	-1.55E-01	-9.77E-02
	-88.00	-1.49E-06	-5.89E-07	-4.62E-07	7.51E-06	1.70E-06	-5.09E-06	2.69E-06	-4.86E-06			
22	409.33	1.53E-01	2.00E-01	1.30E-01	8.97E-02	5.75E-03	-1.00E-01	2.75E-01	8.73E-02	53.70	2.75E-01	8.98E-03
	-68.00	4.76E-07	2.64E-06	-4.07E-07	6.90E-06	4.42E-07	-7.71E-06	5.17E-06	-2.06E-06			
23	324.00	-3.22E-02	-9.07E-04	-3.12E-02	5.45E-02	-1.13E-03	-1.72E-02	4.01E-02	-7.33E-02	53.02	-3.22E-02	5.45E-02
	-19.00	-5.33E-07	6.72E-07	-4.93E-07	4.19E-06	-8.72E-08	-1.33E-06	2.25E-06	-2.11E-06			
24	372.00	-9.42E-03	5.03E-03	-2.14E-02	3.01E-02	-5.72E-03	-2.72E-02	2.93E-02	-3.28E-02	52.17	-9.42E-03	3.01E-02
	-9.33	-9.94E-08	5.01E-07	-5.48E-07	2.31E-06	-4.40E-07	-2.09E-06	1.40E-06	-9.87E-07			
25	401.25	3.73E-03	1.58E-03	-1.74E-02	1.92E-02	2.12E-03	-3.44E-02	2.15E-02	-1.66E-02	43.40	-1.41E-02	9.50E-03

	-19.00	2.76E-07	1.54E-07	-5.37E-07	1.48E-06	1.63E-07	-2.65E-06	9.76E-07	-5.06E-07				
26	427.67	1.93E-01	3.15E-01	1.99E-01	7.18E-02	-1.10E-02	-7.03E-02	3.48E-01	1.60E-01	65.08	2.48E-01	9.39E-02	
	-9.33	-2.23E-07	4.44E-06	-3.88E-07	5.52E-06	-5.47E-07	-5.40E-06	5.72E-06	-1.53E-06				
27	457.00	8.52E-02	1.03E-01	1.02E-01	1.17E-01	7.27E-03	-1.32E-01	2.61E-01	6.97E-03	56.31	8.52E-02	1.17E-01	
	-303.00	-9.39E-07	3.50E-06	-1.58E-07	1.07E-05	6.61E-07	-1.20E-05	7.06E-06	-4.49E-06				
28	457.00	3.02E-02	1.74E-01	7.09E-02	1.03E-01	2.45E-02	-9.62E-02	2.28E-01	-2.37E-02	62.45	3.02E-02	1.03E-01	
	-213.00	-2.20E-06	4.35E-06	-3.57E-07	9.39E-06	2.23E-06	-8.75E-06	6.80E-06	-4.65E-06				
29	457.00	-9.00E-02	8.73E-02	-2.29E-02	1.27E-01	5.05E-02	-9.98E-02	1.53E-01	-1.56E-01	62.49	-9.00E-02	1.27E-01	
	-138.00	-1.91E-06	2.12E-06	-3.86E-07	5.76E-06	2.30E-06	-4.54E-06	3.62E-06	-3.41E-06				
30	442.00	2.35E-01	5.13E-01	2.85E-01	1.81E-01	2.05E-02	-9.16E-02	6.02E-01	1.46E-01	63.75	2.35E-01	1.81E-01	
	-68.00	-2.31E-06	9.37E-06	-3.77E-07	1.39E-05	1.58E-06	-7.05E-06	1.18E-05	-5.75E-06				
31	457.33	-1.59E-01	1.09E-01	-3.62E-02	4.32E-02	7.20E-02	-7.07E-02	1.15E-01	-1.66E-01	81.06	1.09E-01	-4.32E-02	
	-88.00	-5.19E-06	5.11E-06	-3.85E-07	3.32E-06	5.53E-06	-5.44E-06	5.37E-06	-5.45E-06				
32	472.67	5.61E-01	9.34E-01	5.85E-01	1.17E-01	-3.11E-03	-1.19E-01	9.70E-01	5.26E-01	74.06	6.81E-01	2.10E-01	
	-68.00	-1.31E-06	1.31E-05	-3.72E-07	8.98E-06	-2.39E-07	-9.16E-06	1.44E-05	-2.59E-06				
33	443.00	4.67E-02	1.31E-01	5.19E-02	1.21E-01	6.12E-03	-5.22E-02	2.17E-01	-3.96E-02	54.57	4.67E-02	1.21E-01	
	-19.50	-7.27E-07	2.51E-06	-5.24E-07	9.33E-06	4.71E-07	-4.02E-06	5.83E-06	-4.04E-06				
34	454.00	4.88E-01	6.08E-01	4.23E-01	1.82E-01	-2.82E-02	-1.26E-01	7.39E-01	3.57E-01	54.12	5.68E-01	1.90E-01	
	-11.33	2.08E-06	6.69E-06	-4.25E-07	1.40E-05	-2.17E-06	-9.67E-06	1.17E-05	-2.97E-06				
35	461.67	5.48E-01	8.33E-01	5.37E-01	1.58E-01	-6.96E-03	-1.32E-01	9.03E-01	4.78E-01	66.06	5.48E-01	1.58E-01	
	-12.00	-5.09E-09	1.10E-05	-4.18E-07	1.21E-05	-5.35E-07	-1.01E-05	1.37E-05	-2.70E-06				
36	469.00	-2.44E-01	4.47E-02	-9.80E-02	2.46E-02	6.94E-02	-8.09E-02	4.68E-02	-2.46E-01	85.16	4.47E-02	-2.46E-02	
	-30.00	-6.12E-06	4.99E-06	-5.01E-07	1.89E-06	5.34E-06	-6.22E-06	5.07E-06	-6.20E-06				
37	476.33	6.29E-01	9.55E-01	6.16E-01	1.38E-01	-7.16E-03	-1.34E-01	1.01E+00	5.75E-01	69.87	6.96E-01	1.90E-01	
	-12.00	3.08E-08	1.25E-05	-4.96E-07	1.06E-05	-5.51E-07	-1.03E-05	1.45E-05	-1.91E-06				
38	558.50	6.82E-02	1.37E-01	9.30E-02	7.96E-02	1.47E-02	-1.06E-01	2.19E-01	2.62E-02	62.18	6.82E-02	7.96E-02	
	-303.00	-1.29E-06	3.65E-06	-1.65E-07	7.23E-06	1.33E-06	-9.67E-06	5.56E-06	-3.20E-06				
39	558.50	3.73E-02	2.07E-01	8.84E-02	7.65E-02	3.26E-02	-8.37E-02	2.36E-01	7.92E-03	68.95	3.73E-02	7.65E-02	
	-213.00	-2.62E-06	5.08E-06	-2.99E-07	6.95E-06	2.97E-06	-7.61E-06	6.41E-06	-3.96E-06				
40	506.17	-8.41E-02	4.79E-01	9.94E-02	1.49E-01	1.18E-01	-1.19E-01	5.16E-01	-1.21E-01	76.04	-8.41E-02	1.49E-01	
	-128.00	-4.90E-06	8.29E-06	-3.49E-07	6.78E-06	5.37E-06	-5.41E-06	9.14E-06	-5.34E-06				
41	558.50	-3.31E-01	2.71E-01	-3.04E-02	1.17E-01	1.77E-01	-1.88E-01	2.93E-01	-3.53E-01	79.37	2.71E-01	-1.17E-01	
	-148.00	-7.05E-06	6.64E-06	-2.19E-07	5.32E-06	8.04E-06	-8.56E-06	7.14E-06	-7.55E-06				
42	610.83	3.85E-02	4.59E-01	1.38E-01	1.07E-01	1.02E-01	-8.68E-02	4.85E-01	1.27E-02	76.47	4.07E-01	1.75E-01	
	-128.00	-2.46E-06	7.10E-06	-2.00E-07	4.88E-06	4.64E-06	-3.94E-06	7.68E-06	-3.04E-06				
43	501.38	-9.92E-02	1.22E-01	-5.11E-03	4.69E-02	6.54E-02	-6.44E-02	1.31E-01	-1.09E-01	78.48	-9.92E-02	4.69E-02	
	-78.00	-4.00E-06	4.48E-06	-3.86E-07	3.61E-06	5.03E-06	-4.95E-06	4.85E-06	-4.37E-06				
44	534.67	1.26E-01	4.13E-01	2.06E-01	1.80E-01	5.31E-02	-2.44E-01	5.00E-01	3.93E-02	64.27	4.72E-01	1.10E-01	
	-68.00	-3.34E-06	7.69E-06	-2.51E-07	1.39E-05	4.08E-06	-1.88E-05	1.10E-05	-6.68E-06				
45	584.67	2.37E-02	2.20E-01	8.91E-02	3.78E-02	1.09E-01	-4.42E-02	2.27E-01	1.67E-02	79.48	2.37E-02	3.78E-02	
	-68.00	-2.75E-06	4.81E-06	-2.30E-07	2.90E-06	8.37E-06	-3.40E-06	5.08E-06	-3.02E-06				
46	610.83	-1.44E-01	2.36E-01	3.79E-02	2.80E-02	1.08E-01	-7.45E-02	2.36E-01	-1.46E-01	85.81	2.36E-01	-2.80E-02	
	-88.00	-6.98E-06	7.66E-06	3.53E-08	2.16E-06	8.27E-06	-5.73E-06	7.73E-06	-7.06E-06				
47	482.63	9.13E-02	2.55E-01	1.18E-01	3.95E-02	2.94E-02	-7.30E-02	2.65E-01	8.23E-02	77.14	9.13E-02	3.95E-02	
	-21.00	-1.60E-06	4.71E-06	-5.56E-07	3.04E-06	2.26E-06	-5.81E-06	5.06E-06	-1.95E-06				
48	485.83	7.07E-01	1.08E+00	6.98E-01	9.20E-02	6.92E-03	-1.58E-01	1.10E+00	6.90E-01	78.19	7.19E-01	1.06E-01	
	-12.00	-1.45E-07	1.43E-05	-4.71E-07	6.31E-06	5.32E-07	-1.21E-05	1.49E-05	-8.05E-07				
49	507.98	1.79E-02	1.88E-01	6.39E-02	3.62E-02	4.06E-02	-9.00E-02	1.96E-01	1.05E-02	78.48	1.79E-02	3.62E-02	
	-21.00	-2.28E-06	4.27E-06	-5.10E-07	2.79E-06	3.12E-06	-6.92E-06	4.56E-06	-2.56E-06				
50	538.67	9.88E-02	3.79E-01	1.77E-01	1.36E-01	9.84E-02	-1.61E-01	4.33E-01	4.36E-02	67.88	3.87E-01	1.26E-01	
	-10.00	-3.39E-06	7.34E-06	-3.60E-07	1.04E-05	7.57E-06	-1.24E-05	9.46E-06	-5.51E-06				
51	484.67	9.38E-02	1.03E-01	5.55E-02	3.96E-04	-2.27E-02	-1.92E-02	1.03E-01	9.37E-02	87.44	1.03E-01	-3.96E-04	
	8.00	8.38E-07	1.18E-06	-6.33E-07	3.05E-08	-1.75E-06	-1.48E-06	1.18E-06	8.38E-07				
52	507.00	-1.42E-01	-1.27E-01	-1.25E-01	-8.90E-02	4.90E-02	1.73E-01	-4.50E-02	-2.24E-01	-47.40	-2.16E-01	-3.73E-02	
	9.00	-1.13E-06	-5.53E-07	-4.83E-07	-6.85E-06	3.77E-06	1.33E-05	2.60E-06	-4.28E-06				
53	603.00	-2.88E-02	8.87E-02	3.00E-02	1.69E-02	8.53E-02	-4.90E-02	5.10E-02	-3.12E-02	81.95	-2.66E-02	-2.34E-02	
	-18.00	-2.10E-06	2.42E-06	1.67E-07	1.30E-06	6.87E-06	-3.77E-06	2.51E-06	-2.19E-06				
54	712.00	6.63E-02	1.38E-01	8.14E-02	3.68E-02	2.18E-02	-4.63E-02	1.53E-01	5.07E-02	67.09	6.63E-02	3.68E-02	
	-303.00	-6.05E-07	2.56E-06	-8.47E-09	3.35E-06	1.98E-06	-4.21E-06	3.27E-06	-1.40E-06				
55	712.00	-1.29E-02	1.21E-01	4.85E-02	2.92E-02	6.91E-02	-2.62E-02	1.27E-01	-1.90E-02	78.20	-1.29E-02	2.92E-02	
	-213.00	-2.62E-06	3.46E-06	1.76E-07	2.65E-06	6.28E-06	-2.39E-06	3.73E-06	-2.89E-06				
56	712.00	-1.72E-01	8.26E-02	2.22E-03	-1.38E-02	1.85E-01	1.64E-03	8.34E-02	-1.72E-01	-66.91	-1.72E-01	-1.38E-02	
	-138.00	[illegible]45E-06	2.33E-06	5.06E-07	-6.26E-07	8.42E-06	[illegible]E-08	2.35E-06	-3.46E-06				
57	712.0[illegible]	[illegible]86E-02	8.63E-02	3.82E-02	1.44E-02	8.34E-02	[illegible]-02	8.79E-02	-5.00E-02	83.96	-4.85E-02	1.44[illegible]	

	-78.	[illegible]70E-06	2.49E-06	4.34E-07	1.11E-06	6.41E-06	[illegible]-06	2.54E-06	-2.76E-06				
58	712.00	[illegible].83E-02	1.02E-01	5.64E-02	1.45E-02	7.91E-02	[illegible]-03	1.03E-01	-3.68E-02	64.02	-3.53E-02	1.45[illegible]	
	-18.00	-2.71E-06	2.56E-06	8.21E-07	1.12E-06	4.06E-06	-2.1[illegible]E-07	2.62E-06	-2.76E-06				
59	837.00	-3.77E-02	2.43E-02	-1.36E-03	1.96E-02	5.00E-03	-6.33E-03	3.93E-02	-4.27E-02	75.73	3.43E-02	-1.96E-02	
	-318.00	-1.65E-06	1.62E-06	.00E+00	1.78E-06	4.54E-07	-7.57E-07	1.85E-06	-1.88E-06				
60	887.00	6.99E-02	1.70E-01	9.60E-02	4.24E-02	3.31E-02	8.54E-02	1.86E-01	5.44E-02	69.86	1.81E-01	2.42E-02	
	-288.00	-1.19E-06	3.37E-06	.00E+00	3.86E-06	3.01E-06	7.76E-06	4.07E-06	-1.89E-06				
61	987.00	7.46E-02	1.53E-01	9.10E-02	1.32E-02	3.74E-02	2.03E-01	1.55E-01	7.24E-02	80.68	7.46E-02	1.32E-02	
	-288.00	-7.46E-07	2.81E-06	.00E+00	1.20E-06	3.40E-06	1.84E-05	2.91E-06	-8.45E-07				
62	1037.00	1.12E-01	1.53E-01	1.06E-01	-1.73E-02	-6.55E-02	2.18E-01	1.60E-01	1.06E-01	-69.83	1.53E-01	1.73E-02	
	-318.00	2.80E-07	2.13E-06	.00E+00	-1.58E-06	-5.96E-06	1.99E-05	2.42E-06	-8.94E-09				
63	862.00	3.39E-02	1.09E-01	8.20E-02	2.57E-02	4.72E-02	6.14E-02	1.17E-01	2.60E-02	72.90	3.39E-02	2.57E-02	
	-213.00	-1.39E-06	2.05E-06	9.02E-07	2.34E-06	4.29E-06	5.58E-06	2.41E-06	-1.75E-06				
64	1012.00	2.94E-02	1.01E-01	8.84E-02	6.38E-03	3.65E-02	1.21E-01	1.01E-01	2.88E-02	84.93	2.94E-02	6.38E-03	
	-213.00	-1.50E-06	1.74E-06	1.18E-06	5.80E-07	3.32E-06	1.10E-05	1.77E-06	-1.53E-06				
65	837.00	-3.01E-01	1.14E-01	4.55E-02	4.96E-02	4.27E-01	9.84E-03	1.20E-01	-3.07E-01	83.28	1.14E-01	-4.96E-02	
	-148.00	-6.09E-06	3.33E-06	1.77E-06	2.25E-06	1.94E-05	4.47E-07	3.46E-06	-6.23E-06				
66	937.00	-9.02E-02	1.25E-01	1.01E-01	3.96E-03	1.37E-01	1.49E-01	1.25E-01	-9.03E-02	88.95	9.80E-02	7.13E-02	
	-128.00	-2.76E-06	2.13E-06	1.59E-06	1.80E-07	6.21E-06	6.77E-06	2.13E-06	-2.76E-06				
67	1037.00	-1.73E-01	1.23E-01	9.44E-02	4.82E-02	1.35E-01	3.31E-02	1.30E-01	-1.81E-01	60.97	1.23E-01	-4.82E-02	
	-148.00	-4.17E-06	2.56E-06	1.92E-06	2.19E-06	6.15E-06	1.50E-06	2.73E-06	-4.34E-06				
68	937.00	-1.11E-01	9.71E-02	3.34E-02	4.79E-03	2.09E-01	2.22E-01	9.73E-02	-1.11E-01	88.68	-1.11E-01	4.79E-03	
	-68.00	-4.48E-06	3.52E-06	1.07E-06	3.69E-07	1.61E-05	1.71E-05	3.53E-06	-4.49E-06				
69	937.00	-1.79E-01	1.17E-01	6.87E-02	1.05E-01	1.81E-01	-9.20E-02	1.50E-01	-2.12E-01	72.24	1.17E-01	-1.05E-01	
	-88.00	-6.94E-06	4.41E-06	2.57E-06	8.10E-06	1.39E-05	-7.08E-06	5.71E-06	-8.24E-06				
70	1037.00	3.02E-01	4.96E-01	4.04E-01	1.65E-01	-7.19E-02	-3.90E-01	5.90E-01	2.08E-01	60.25	5.83E-01	-5.24E-02	
	-68.00	-1.59E-06	5.88E-06	2.32E-06	1.27E-05	-5.53E-06	-3.00E-05	9.50E-06	-5.21E-06				
71	962.00	-1.00E-01	6.46E-02	5.60E-02	2.48E-02	1.61E-01	-3.23E-02	6.82E-02	-1.04E-01	81.63	-1.00E-01	2.48E-02	
	-18.00	-4.08E-06	2.26E-06	1.93E-06	1.91E-06	1.24E-05	-2.49E-06	2.40E-06	-4.22E-06				
72	1012.00	6.22E-02	1.55E-01	1.73E-01	4.08E-02	-9.69E-03	3.70E-02	1.70E-01	4.67E-02	69.27	6.22E-02	4.08E-02	
	-18.00	-1.90E-06	1.66E-06	2.38E-06	3.14E-06	-7.45E-07	2.84E-06	2.25E-06	-2.49E-06				
73	1387.00	1.50E-02	3.90E-02	4.14E-02	-4.69E-02	1.61E-02	2.66E-01	7.54E-02	-2.14E-02	-52.18	1.50E-02	-4.69E-02	
	-303.00	-5.57E-07	5.34E-07	6.43E-07	-4.26E-06	1.47E-06	2.40E-05	2.19E-06	-2.21E-06				
74	1387.00	1.23E-02	5.40E-02	8.49E-02	-2.77E-02	3.89E-02	2.31E-01	6.78E-02	-1.48E-03	-63.51	1.23E-02	-2.77E-02	
	-213.00	-1.40E-06	4.93E-07	1.89E-06	-2.52E-06	3.53E-06	2.10E-05	1.12E-06	-2.03E-06				
75	1387.00	-3.29E-02	4.54E-02	1.57E-01	-1.34E-02	8.81E-02	1.80E-01	4.77E-02	-3.52E-02	-80.56	-3.29E-02	-1.34E-02	
	-138.00	-1.64E-06	1.45E-07	2.67E-06	-6.09E-07	4.00E-06	6.17E-06	1.96E-07	-1.69E-06				
76	1187.00	-1.83E-01	-1.16E-01	-4.58E-02	-1.04E-01	1.80E-01	5.36E-01	-4.02E-02	-2.59E-01	-53.97	-1.83E-01	-1.04E-01	
	-68.00	-3.26E-06	-6.66E-07	2.03E-06	-8.00E-06	1.38E-05	4.13E-05	2.24E-06	-6.16E-06				
77	1387.00	-7.84E-02	1.31E-03	1.13E-01	4.20E-02	1.24E-01	-1.03E-02	1.54E-02	-9.64E-02	66.75	1.31E-03	-4.20E-02	
	-88.00	-3.41E-06	-3.47E-07	3.96E-06	3.23E-06	9.53E-06	-7.95E-07	3.47E-07	-4.11E-06				
78	1587.00	9.57E-02	1.14E-01	2.10E-01	-1.87E-02	-2.02E-02	2.27E-01	1.25E-01	8.40E-02	-57.88	1.06E-01	2.07E-02	
	-68.00	-9.24E-07	-2.31E-07	3.46E-06	-1.44E-06	-1.55E-06	1.75E-05	2.20E-07	-1.38E-06				
79	1237.00	-7.72E-02	1.62E-02	9.30E-02	2.21E-02	1.40E-01	7.56E-02	2.12E-02	-8.21E-02	77.33	-7.72E-02	2.21E-02	
	-18.00	-3.32E-06	2.72E-07	3.22E-06	1.70E-06	1.07E-05	5.81E-06	4.63E-07	-3.51E-06				
80	1433.80	-4.00E-02	-3.38E-02	1.13E-01	3.88E-02	3.54E-02	6.63E-02	2.03E-03	-7.58E-02	47.29	-4.00E-02	3.88E-02	
	-8.00	-1.97E-06	-1.73E-06	3.91E-06	2.98E-06	2.72E-06	5.10E-06	-3.53E-07	-3.35E-06				
81	1533.80	-5.22E-02	-2.50E-02	1.09E-01	4.87E-02	-7.11E-03	5.62E-02	1.20E-02	-8.92E-02	52.83	-2.50E-02	-4.87E-02	
	-28.00	-2.36E-06	-1.31E-06	3.85E-06	3.74E-06	-5.47E-07	4.32E-06	1.07E-07	-3.78E-06				
82	1633.80	3.04E-03	2.55E-02	1.43E-01	-1.78E-02	-5.37E-02	6.28E-02	3.53E-02	-6.78E-03	-61.13	1.10E-02	2.08E-02	
	-8.00	-1.77E-06	-9.04E-07	3.62E-06	-1.37E-06	-4.13E-06	4.83E-06	-5.26E-07	-2.15E-06				
83	1433.80	-3.18E-01	-1.20E-01	-1.77E-02	4.72E-02	1.98E-01	1.53E-02	-1.10E-01	-3.29E-01	77.23	-1.20E-01	-4.72E-02	
	27.60	-7.22E-06	3.82E-07	4.33E-06	3.63E-06	1.52E-05	1.18E-06	7.94E-07	-7.63E-06				
84	1296.10	-1.04E-01	1.07E-02	9.87E-02	7.34E-02	1.28E-01	-7.28E-02	4.65E-02	-1.40E-01	64.02	-3.71E-02	-9.27E-02	
	40.70	-4.06E-06	3.55E-07	3.74E-06	5.65E-06	9.84E-06	-5.60E-06	1.73E-06	-5.44E-06				
85	1148.60	-5.60E-02	-4.47E-03	6.92E-02	2.99E-02	1.14E-01	2.54E-01	5.24E-03	-6.97E-02	65.37	-8.36E-03	3.29E-02	
	57.33	-2.28E-06	-2.68E-07	2.57E-06	2.30E-06	8.77E-06	1.95E-05	2.55E-07	-2.78E-06				
86	1131.40	-3.38E-01	-1.85E-01	-6.59E-02	-1.87E-02	3.67E-01	5.16E-02	-1.84E-01	-3.89E-01	-84.78	-1.85E-01	1.97E-02	
	112.00	-7.89E-06	-1.05E-07	4.49E-06	-1.43E-06	2.82E-05	3.97E-06	-3.90E-08	-7.96E-06				
87	1010.80	-1.08E-01	1.98E-01	1.41E-01	8.56E-02	2.03E-01	-3.27E-01	2.20E-01	-1.30E-01	75.40	1.98E-01	-8.56E-02	
	34.67	-6.70E-06	5.08E-06	2.89E-06	6.58E-06	1.56E-05	-2.51E-05	5.94E-06	-7.56E-06				
88	886.60	-2.90E-02	1.08E-01	1.07E-01	2.26E-02	8.75E-02	-6.21E-02	1.11E-01	-3.17E-02	80.80	-2.80E-02	2.26E-02	
	46.00	-3.14E-06	2.09E-06	2.07E-06	1.74E-06	6.73E-06	-4.78E-06	2.23E-06	-3.26E-06				
89	865.80	-4.21E-01	-1.67E-01	-1.32E-01	-5.02E-02	2.09E-01	6.19E-02	-1.57E-01	-4.31E-01	-79.21	-1.67E-01	5.02E-02	

	96.00	-8.28E-06	1.49E-06	2.83E-06	-3.67E-06	1.61E-05	6.30E-06	1.86E-06	-8.65E-06				
90	952.60	2.25E-02	2.45E-01	2.01E-01	1.51E-01	7.19E-02	-8.43E-02	3.22E-01	-5.41E-02	63.18	2.94E-01	-9.90E-02	
	128.00	-4.29E-06	4.26E-06	2.55E-06	1.16E-05	5.52E-06	-6.49E-06	7.23E-06	-7.23E-06				
91	865.80	-1.14E-01	-5.73E-02	7.89E-02	4.45E-03	5.88E-02	8.50E-02	-5.65E-02	-1.14E-01	85.53	-1.14E-01	4.45E-03	
	160.00	-2.59E-06	-4.04E-07	2.10E-06	3.43E-07	7.60E-06	6.61E-06	-3.94E-07	-2.60E-06				
92	869.80	-3.85E-01	-6.95E-02	-4.90E-02	-5.59E-02	3.32E-01	-1.29E-02	-5.99E-02	-3.95E-01	-60.24	-6.95E-02	5.59E-02	
	203.60	-9.27E-06	2.04E-06	3.65E-06	-4.30E-06	2.54E-05	-9.95E-07	3.23E-06	-9.64E-06				
93	598.67	-1.49E-01	1.49E-01	1.66E-02	2.60E-02	2.43E-01	-1.49E-01	1.51E-01	-1.51E-01	85.03	1.48E-01	-2.60E-02	
	16.00	-5.92E-06	5.50E-06	5.15E-07	2.00E-06	1.87E-05	-1.15E-05	5.59E-06	-6.01E-06				
94	645.75	-5.60E-02	8.67E-02	3.50E-02	1.01E-02	9.53E-02	-2.74E-02	8.74E-02	-5.67E-02	85.98	-5.60E-02	1.01E-02	
	24.00	-2.88E-06	2.61E-06	6.24E-07	7.75E-07	7.63E-06	-2.10E-06	2.64E-06	-2.90E-06				
95	613.10	-2.36E-01	-2.27E-01	-1.79E-01	-3.94E-02	1.40E-01	2.32E-01	-1.92E-01	-2.71E-01	-48.22	-2.36E-01	-3.94E-02	
	60.33	-2.02E-06	-1.68E-06	1.76E-07	-3.03E-06	1.08E-05	1.78E-05	-3.29E-07	-3.38E-06				
96	708.45	-1.06E-01	4.78E-02	2.42E-02	1.19E-02	1.03E-01	5.60E-03	4.86E-02	-1.05E-01	85.55	2.71E-02	-5.34E-02	
	58.00	-3.64E-06	2.19E-06	1.28E-06	9.13E-07	7.93E-06	4.15E-07	2.22E-06	-3.67E-06				
97	613.10	-4.38E-01	-1.89E-01	-1.96E-01	-6.32E-02	4.06E-01	-2.31E-02	-1.74E-01	-4.53E-01	-76.56	-1.89E-01	6.32E-02	
	96.00	-7.80E-06	1.79E-06	1.50E-06	-4.86E-06	3.12E-05	-1.78E-06	2.37E-06	-8.38E-06				
98	682.27	-1.13E-01	5.21E-02	2.44E-02	-6.13E-02	1.36E-01	7.23E-02	7.23E-02	-1.34E-01	-71.74	-2.60E-02	1.03E-01	
	112.00	-3.95E-06	2.41E-06	1.34E-06	-4.71E-06	1.04E-05	5.56E-06	3.19E-06	-4.73E-06				
99	751.43	-9.09E-02	4.05E-01	1.93E-01	5.74E-02	1.83E-01	-1.11E-01	4.12E-01	-1.06E-01	83.60	4.06E-01	-5.74E-02	
	96.00	-9.33E-06	1.01E-05	1.94E-06	4.42E-06	1.40E-05	-8.57E-06	1.04E-05	-9.57E-06				
100	683.25	-5.84E-02	9.21E-02	6.51E-02	3.30E-03	1.06E-01	-8.61E-02	9.22E-02	-5.85E-02	88.74	-5.84E-02	3.30E-03	
	152.00	-3.33E-06	2.46E-06	1.42E-06	2.54E-07	8.16E-06	-6.62E-06	2.46E-06	-3.34E-06				
101	648.67	-4.61E-01	-1.90E-01	-1.81E-01	-6.04E-02	2.53E-01	5.35E-03	-1.77E-01	-4.74E-01	-77.99	-1.90E-01	6.04E-02	
	192.00	-8.58E-06	1.84E-06	2.17E-06	-4.65E-06	1.95E-05	4.11E-07	2.34E-06	-9.08E-06				
102	725.25	-8.50E-03	9.94E-02	1.02E-01	5.30E-02	7.82E-02	-7.08E-02	1.21E-01	-3.02E-02	67.76	6.32E-02	-7.35E-02	
	232.70	-2.45E-06	1.70E-06	1.81E-06	4.07E-06	6.02E-06	-5.44E-06	2.53E-06	-3.28E-06				
103	635.50	-1.09E-01	-1.67E-01	-7.38E-02	-4.49E-02	6.85E-02	1.15E-01	-8.46E-02	-1.91E-01	-28.68	-1.09E-01	-4.49E-02	
	256.00	-3.56E-07	-2.57E-06	1.00E-06	-3.46E-06	5.27E-06	6.81E-06	5.89E-07	-3.51E-06				
104	635.50	-5.65E-02	-5.43E-02	3.94E-02	-5.73E-02	2.02E-01	9.34E-03	1.96E-03	-1.13E-01	-45.54	-5.43E-02	5.73E-02	
	200.67	-1.39E-06	-1.30E-06	2.30E-06	-4.41E-06	1.55E-05	7.19E-07	8.60E-07	-3.55E-06				
105	569.00	1.33E-02	2.06E-01	8.79E-02	7.30E-02	9.84E-02	-1.04E-01	2.30E-01	-1.12E-02	71.41	1.33E-02	7.30E-02	
	16.50	-2.86E-06	4.54E-06	4.37E-09	5.62E-06	7.57E-06	-8.01E-06	5.49E-06	-3.81E-06				
106	508.50	-3.16E-01	-1.50E-01	-1.91E-01	-4.21E-02	1.88E-01	-1.63E-02	-1.40E-01	-3.26E-01	-76.59	-1.50E-01	4.21E-02	
	13.00	-4.94E-06	1.46E-06	-1.27E-07	-3.24E-06	1.45E-05	-1.25E-06	1.84E-06	-5.33E-06				
107	521.00	-3.52E-03	9.56E-02	2.50E-02	3.41E-02	6.55E-02	-2.90E-02	1.06E-01	-1.41E-02	72.76	-3.52E-03	3.41E-02	
	15.75	-1.42E-06	2.39E-06	-3.26E-07	2.62E-06	5.04E-06	-2.23E-06	2.80E-06	-1.83E-06				
108	526.25	5.54E-03	9.73E-02	3.21E-02	3.77E-02	6.24E-02	-3.52E-02	1.11E-01	-7.94E-03	70.30	5.54E-03	3.77E-02	
	21.00	-1.27E-06	2.26E-06	-2.49E-07	2.90E-06	4.80E-06	-2.71E-06	2.78E-06	-1.79E-06				
109	515.50	-2.25E-01	-8.69E-02	-1.21E-01	1.22E-02	1.71E-01	-1.55E-02	-8.58E-02	-2.26E-01	84.99	-8.69E-02	-1.22E-02	
	26.00	-3.90E-06	1.42E-06	1.03E-07	9.40E-07	1.31E-05	-1.19E-06	1.46E-06	-3.94E-06				
110	531.50	1.05E-02	9.51E-02	3.79E-02	4.52E-02	5.42E-02	-4.60E-02	1.15E-01	-9.05E-03	66.56	1.05E-02	4.52E-02	
	34.50	-1.17E-06	2.08E-06	-1.18E-07	3.47E-06	4.17E-06	-3.54E-06	2.83E-06	-1.93E-06				
111	515.50	-1.79E-01	-1.89E-01	-1.60E-01	2.78E-02	5.24E-02	3.52E-01	-1.56E-01	-2.12E-01	40.04	-1.79E-01	2.78E-02	
	44.00	-1.08E-06	-1.45E-06	-3.66E-07	2.14E-06	4.03E-06	2.71E-05	-1.83E-07	-2.35E-06				
112	515.50	-2.28E-01	-9.80E-02	-1.23E-01	1.70E-02	1.37E-01	-1.73E-02	-9.58E-02	-2.31E-01	82.68	-9.80E-02	-1.70E-02	
	53.33	-3.85E-06	1.17E-06	2.09E-07	1.31E-06	1.05E-05	-1.33E-06	1.25E-06	-3.93E-06				
113	547.50	1.73E-01	4.19E-01	2.44E-01	9.92E-02	6.42E-02	-2.92E-01	4.54E-01	1.38E-01	70.54	4.44E-01	-5.40E-02	
	64.00	-2.53E-06	6.92E-06	1.97E-07	7.63E-06	4.94E-06	-2.24E-05	8.27E-06	-3.87E-06				
114	515.50	-6.11E-02	1.22E-02	-2.37E-02	-3.90E-03	2.40E-02	1.21E-01	1.24E-02	-6.13E-02	-86.96	-6.11E-02	-3.90E-03	
	74.67	-1.55E-06	1.27E-06	-1.15E-07	-3.00E-07	1.85E-06	9.30E-06	1.28E-06	-1.56E-06				
115	515.50	-3.50E-01	-1.79E-01	-2.10E-01	1.65E-02	6.30E-02	-2.11E-02	-1.77E-01	-3.52E-01	84.55	-1.79E-01	-1.65E-02	
	88.00	-5.35E-06	1.25E-06	3.50E-08	1.27E-06	4.85E-06	-1.62E-06	1.31E-06	-5.41E-06				
116	547.50	-1.34E-03	2.16E-01	8.71E-02	1.39E-01	2.72E-02	-6.61E-02	2.84E-01	-6.90E-02	64.03	2.69E-01	-7.14E-02	
	104.00	-3.37E-06	5.00E-06	3.30E-08	1.07E-05	2.09E-06	-5.09E-06	7.60E-06	-5.97E-06				
117	515.50	6.06E-02	1.42E-01	8.93E-02	2.74E-02	1.36E-02	7.15E-02	1.53E-01	5.25E-02	73.56	6.06E-02	2.74E-02	
	120.00	-9.14E-07	2.35E-06	1.90E-07	2.11E-06	1.05E-06	5.50E-06	2.66E-06	-1.22E-06				
118	515.50	-1.60E-01	-6.57E-02	-7.94E-02	1.17E-02	3.72E-02	-1.65E-02	-6.44E-02	-1.70E-01	63.59	-6.57E-02	-1.17E-02	
	136.00	-3.04E-06	9.21E-07	3.95E-07	9.01E-07	2.86E-06	-1.27E-06	9.72E-07	-3.09E-06				
119	547.50	-4.20E-02	4.55E-02	1.49E-02	2.85E-02	1.05E-02	6.68E-02	5.40E-02	-5.05E-02	73.46	5.38E-02	-4.56E-03	
	152.00	-1.82E-06	1.55E-06	3.72E-07	2.19E-06	8.10E-07	5.14E-06	1.87E-06	-2.14E-06				
120	515.50	-2.42E-02	5.05E-02	2.78E-02	-2.71E-02	3.03E-02	1.65E-01	5.93E-02	-3.29E-02	-72.02	-2.42E-02	-2.71E-02	
	168.00	[illegible].52E-06	1.35E-06	4.74E-07	-2.08E-06	2.33E-06	[illegible]7E-05	1.68E-06	-1.86E-06				
121	51[illegible]	[illegible].98E-01	-1.53E-01	-1.50E-01	6.22E-03	9.07E-02	[illegible]E-03	-1.53E-01	-2.98E-01	67.53	-1.53E-01	-6.2[illegible]	

	184.	[illegible].05E-06	7.00E-07	[illegible].40E-07	4.79E-07	6.55E-06	[illegible]E-07	7.10E-07	-4.50E-06				
122	547.5	[illegible].66E-02	2.40E-01	1.58E-01	6.15E-02	3.29E-02	[illegible]E-02	2.78E-01	1.88E-02	67.53	2.72E-01	-3.76E	
	200.00	-2.70E-06	4.30E-06	7.59E-07	7.04E-06	2.52E-06	-2.91E-06	5.80E-06	-4.16E-06				
123	515.50	1.05E-01	2.01E-01	1.513E-01	-1.97E-02	2.73E-02	1.79E-01	2.05E-01	1.02E-01	-78.83	1.05E-01	-1.97E-02	
	216.00	-9.73E-07	2.72E-06	7.72E-07	-1.52E-06	2.10E-06	1.38E-05	2.87E-06	-1.12E-06				
124	515.50	-1.21E-01	-4.40E-02	-2.09E-02	4.11E-03	8.71E-02	-7.77E-03	-4.36E-02	-1.21E-01	66.95	-4.40E-02	-4.11E-03	
	232.00	-2.61E-06	3.49E-07	1.24E-06	3.16E-07	6.70E-06	-5.98E-07	3.58E-07	-2.62E-06				
125	547.50	8.05E-02	1.55E-01	1.37E-01	2.38E-02	2.77E-02	-1.88E-01	1.62E-01	7.35E-02	73.69	1.62E-01	-3.51E-03	
	248.00	-9.93E-07	1.67E-06	1.17E-06	1.93E-06	2.13E-06	-1.45E-05	2.14E-06	-1.26E-06				
126	515.50	2.30E-01	3.42E-01	2.63E-01	-5.82E-02	-1.45E-02	4.57E-02	3.67E-01	2.05E-01	-67.04	2.30E-01	-5.82E-02	
	264.00	-3.47E-07	3.99E-06	9.52E-07	-4.47E-06	-1.11E-06	3.52E-06	4.03E-06	-1.29E-06				
127	515.50	7.21E-05	1.80E-02	4.03E-02	6.45E-03	-2.26E-02	-6.05E-03	2.01E-02	-2.01E-03	72.14	1.80E-02	-6.45E-03	
	276.00	-6.37E-07	5.30E-06	9.05E-07	4.96E-07	-1.74E-06	-6.19E-07	1.33E-07	-7.17E-07				
128	531.50	7.65E-02	3.29E-02	8.05E-02	-2.07E-03	-1.49E-02	-2.51E-03	7.66E-02	3.28E-02	-2.72	7.65E-02	-2.07E-03	
	297.00	8.55E-07	-8.21E-07	1.01E-06	-1.59E-07	-1.15E-06	-1.93E-07	8.59E-07	-8.24E-07				
129	515.50	3.26E-01	2.75E-01	2.76E-01	-5.25E-02	-1.36E-02	6.51E-02	3.60E-01	2.45E-01	-32.93	3.26E-01	-5.25E-02	
	320.00	2.86E-06	1.05E-06	9.35E-07	-4.04E-06	-1.05E-06	5.01E-06	4.17E-06	-2.60E-07				
183	565.50	-3.62E-02	1.93E-01	5.03E-02	9.80E-02	1.27E-01	-3.69E-02	2.23E-01	-6.61E-02	71.26	-3.62E-02	8.80E-02	
	-8.00	-3.47E-06	5.15E-06	-3.43E-07	6.77E-06	9.78E-06	-2.84E-06	6.30E-06	-4.82E-06				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1050E+02	.6312E+02	.8371E+02	.5775E+00	.4078E+01	-.2122E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.4442E+00	.3890E+00	.3120E+00	-.1062E+01	-.1015E+01	-.5715E+00
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.9298E+00	-.2137E+00	.1995E+00	-.2074E+01	-.3357E+01	-.6226E+00
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1237E+01	.2506E+00	.1007E+00	-.2926E+01	-.4756E+01	-.1035E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1732E+01	-.3182E+00	.1095E+00	-.3374E+01	-.6464E+01	-.1375E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1038E+01	.8184E-01	.1187E+00	-.2600E+01	-.7597E+01	-.1978E+01
25	.1191E+01	.2124E+00	.6555E-01	-.2427E+01	-.8217E+01	-.2691E+01
26	-.8069E+01	-.1336E+01	.1305E+00	-.3395E+01	-.8743E+01	-.3240E+01
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5295E+00	-.7108E+00	.4898E+00	-.4428E+01	-.1157E+02	-.3660E+01
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.2679E+03	.2937E+02	.2934E+01	-.1[illegible]	-.2539E+02	-.7704E+01
	.1341E+03	.1457E+02	.4970E+01	-.32[illegible]	-.2527E+02	-.6529E+01
	.2974E+02	-.1655E+01	.4794E+01	-.4524E+01	-.2310E+02	-.5190E+01
42	-.1101E+02	-.4834E+01	.2345E+01	-.4826E+01	-.1769E+02	-.4243E+01
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1715E+03	.2839E+02	.1368E+01	-.7646E+01	-.2625E+02	.1165E+02
48	.1550E+03	.2399E+02	.1351E+01	.8155E+01	-.2228E+02	.8040E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.5125E+02	-.7901E+01	-.2260E+00	.3374E+02	-.1205E+02	.1828E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.6953E+00	.4393E+01	.4287E+00	-.5415E+01	-.2530E+02	.1146E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3726E+02	-.5709E+01	-.2437E+00	.3015E+02	-.9681E+01	.1572E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2833E+02	-.4365E+01	-.3358E+00	.2767E+02	-.9558E+01	.1513E+02
66	-.1615E+02	-.2527E+01	-.4515E+00	.2975E+02	-.7889E+01	.1546E+02
67	.3088E+01	.3674E+00	-.5216E+00	.2882E+02	-.6619E+01	.1496E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.4742E+01	.6179E+00	-.5083E+00	.3131E+02	-.5254E+01	.2359E+02
76	.2977E+00	-.3094E-01	-.5184E+00	.3406E+02	-.2688E+01	.2644E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.5484E+01	.7007E+00	-.4992E+00	.3235E+02	.1550E+01	.2462E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.7788E+00	.1171E+00	-.4445E+00	.3404E+02	.5138E+01	.2603E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.5339E+01	.8537E+00	-.4152E+00	.2924E+02	.9828E+01	.2334E+02

103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.5535E+01	.9235E+00	-.3294E+00	.2531E+02	.1341E+02	.2077E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3777E+01	-.4347E+00	-.3311E+00	.2377E+02	.1716E+02	.1933E+02
109	.3455E+01	.6879E+00	-.3662E+00	.2132E+02	.2070E+02	.1641E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1049E+01	.5728E-01	-.3597E+00	.1540E+02	.2444E+02	.1506E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1734E+02	.2649E+01	-.2065E+00	.1108E+02	.2706E+02	.1323E+02
115	-.8204E+01	-.9522E+00	-.1547E+00	.4377E+01	.2843E+02	.1000E+02
116	.2382E+02	.3907E+01	-.1962E-01	.9202E+00	.3129E+02	.9658E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1147E+02	.2077E+01	.1380E+00	.5204E+01	.3313E+02	.6880E+01
119	.5405E+01	.1148E+01	.2755E+00	-.2880E+01	.3015E+02	.6299E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1489E+02	.1969E+01	.1060E+01	-.3769E+01	.2624E+02	.4879E+01
122	.1439E+02	.1199E+01	.1639E+01	.2118E+01	.2580E+02	.3061E+01
123	.1146E+02	.8800E+00	.1320E+01	.1840E+01	.2268E+02	.2763E+01
124	.8977E+01	.7024E+00	.6956E+00	.1634E+01	.1882E+02	.2521E+01
125	.6207E+01	.4159E+00	.6409E+00	.1457E+01	.1571E+02	.2288E+01
126	.2388E+01	-.2028E+00	.6040E+00	.1234E+01	.1343E+02	.2039E+01
127	-.5939E+00	-.7091E+00	.6233E+00	.1053E+01	.1169E+02	.1715E+01
128	-.3618E+01	-.1135E+01	.5900E+00	.5716E+00	.8053E+01	.1353E+01
129	-.3832E+01	-.1012E+01	.4802E+00	.4366E+00	.5032E+01	.1029E+01
130	-.2788E+01	-.6424E+00	.3339E+00	.2959E+00	.2722E+01	.7989E+00
131	-.7344E+00	-.1143E+00	.1939E+00	.2304E+00	.1349E+01	.6609E+00
132	.1199E+00	.5605E-01	.1364E+00	.2371E+00	.1209E+01	.5631E+00
133	.1001E+00	.3436E-01	.1289E+00	.2126E+00	.1145E+01	.4694E+00
134	.3465E-01	.1316E-01	.1302E+00	.1653E+00	.9231E+00	.3668E+00
135	.8909E-02	.2332E-02	.1487E+00	.1166E+00	.6551E+00	.2695E+00
136	-.1024E-01	-.2244E-03	.1939E+00	.7114E-01	.4210E+00	.1805E+00
137	-.5739E-03	-.1341E-03	.2819E+00	.2281E-01	.1944E+00	.1000E+00
138	-.1094E-01	.3825E-02	.2652E+01	-.1999E-01	-.6143E-01	.5841E-01
139	.4213E-02	.6854E-02	.4510E+01	.3851E-03	.3473E-01	-.4132E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.15623E-01	.91599E-04	-.15671E-01	.00000E+00
3	.28680E-01	.30570E-03	-.28691E-01	.00000E+00
4	.31166E-01	.30019E-03	-.31125E-01	.00000E+00
5	.33771E-01	.16329E-04	-.33785E-01	.00000E+00
6	.38443E-01	-.64754E-05	-.38437E-01	.63683E-05
7	.35116E-01	.57125E-03	-.35608E-01	.00000E+00
8	.38559E-01	.44163E-03	-.38697E-01	.13323E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.15547E-01	.15771E-03	-.15725E-01	.00000E+00
11	.28926E-01	.34760E-03	-.29391E-01	.00000E+00
12	.32344E-01	.39128E-03	-.32891E-01	.00000E+00
13	.35121E-01	.31752E-03	-.35411E-01	.00000E+00
14	.38802E-01	.43963E-03	-.39382E-01	.31844E-05
15	.35639E-01	.79089E-03	-.37313E-01	.00000E+00
16	.39163E-01	.68046E-03	-.40506E-01	-.17248E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.15736E-01	.20578E-03	-.16454E-01	.00000E+00
19	.29541E-01	.40780E-03	-.31019E-01	.00000E+00
20	.33136E-01	.51523E-03	-.34872E-01	.00000E+00
	.36023E-01	.32701E-03	-.37629E-01	.00000E+00
	.39659E-01	.40095E-03	-.42074E-01	.3472E-06

	.37071E-01	.11191E-02	-.40891E-01	.00000E+00
	.40273E-01	.95346E-03	-.44129E-01	.23266E-04
	.40689E-01	.12515E-02	-.45449E-01	.28555E-06
26	.40944E-01	.11765E-02	-.46228E-01	-.56525E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.15645E-01	.39227E-03	-.17160E-01	.00000E+00
29	.30343E-01	.75159E-03	-.32773E-01	.00000E+00
30	.33971E-01	.86503E-03	-.37267E-01	.00000E+00
31	.37375E-01	.10334E-02	-.41591E-01	.00000E+00
32	.41210E-01	.13253E-02	-.47090E-01	.33555E-04
33	.37303E-01	.16736E-02	-.41666E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.15772E-01	.60436E-03	-.17248E-01	.00000E+00
36	.30645E-01	.93117E-03	-.33277E-01	.00000E+00
37	.34397E-01	.10433E-02	-.37220E-01	.00000E+00
38	.38466E-01	.13106E-02	-.43250E-01	.00000E+00
39	.41681E-01	.18523E-02	-.48568E-01	-.24893E-04
40	.41599E-01	.20000E-02	-.48225E-01	-.31744E-05
41	.41520E-01	.19460E-02	-.47904E-01	.12032E-04
42	.41337E-01	.17087E-02	-.47542E-01	.26865E-04
43	.34217E-01	.13508E-02	-.36863E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.14912E-01	-.22202E-03	-.16050E-01	.00000E+00
46	.30768E-01	.75643E-03	-.32381E-01	.00000E+00
47	.41721E-01	.16545E-02	-.48701E-01	-.21914E-04
48	.41709E-01	.17505E-02	-.48682E-01	-.33458E-04
49	.38430E-01	.13492E-02	-.42902E-01	.00000E+00
50	.42111E-01	.17503E-02	-.48870E-01	-.95999E-04
51	.38900E-01	.15212E-02	-.42217E-01	.00000E+00
52	.43628E-01	.15106E-02	-.46298E-01	.00000E+00
53	.41753E-01	.15284E-02	-.48773E-01	-.48339E-05
54	.34162E-01	.75731E-03	-.34638E-01	.00000E+00
55	.38361E-01	.12718E-02	-.38388E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.13897E-01	.13442E-02	-.12233E-01	.00000E+00
58	.27760E-01	.76092E-03	-.23694E-01	.00000E+00
59	.44556E-01	.10980E-02	-.44346E-01	.00000E+00
60	.43756E-01	.14390E-02	-.45143E-01	.00000E+00
61	.42481E-01	.17542E-02	-.48993E-01	-.14734E-03
62	.32585E-01	.39354E-03	-.28618E-01	.00000E+00
63	.37475E-01	.28235E-03	-.34027E-01	.00000E+00
64	.44530E-01	.14826E-02	-.46938E-01	.00000E+00
65	.42979E-01	.17586E-02	-.49109E-01	-.18280E-03
66	.44212E-01	.17549E-02	-.49342E-01	-.22173E-03
67	.45541E-01	.17672E-02	-.49595E-01	-.21123E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.10223E-01	-.21281E-03	-.77532E-02	.00000E+00
70	.29516E-01	.51350E-04	-.24958E-01	.00000E+00
71	.43608E-01	.20725E-03	-.39414E-01	.00000E+00
72	.45762E-01	.13657E-02	-.47139E-01	.00000E+00
73	.36386E-01	.13057E-03	-.29447E-01	.00000E+00
74	.48566E-01	.13300E-02	-.49182E-01	.00000E+00
75	.46671E-01	.17705E-02	-.49818E-01	-.16055E-03
76	.48186E-01	.18157E-02	-.50231E-01	-.11204E-03
77	.41783E-01	-.15371E-03	-.34869E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.12280E-01	.35431E-03	-.10609E-01	.00000E+00
80	.28370E-01	-.34500E-03	-.22986E-01	.00000E+00
81	.31444E-01	-.37347E-03	-.25311E-01	.00000E+00
82	.35092E-01	-.55779E-03	-.29291E-01	.00000E+00
83	.48669E-01	.12338E-03	-.43837E-01	.00000E+00
84	.46137E-01	-.28337E-03	-.39027E-01	.00000E+00
85	.49200E-01	.18328E-02	-.50763E-01	-.99460E-04
86	.50344E-01	.14215E-02	-.50449E-01	.00000E+00

87	.42279E-01	-.28517E-03	-.34109E-01	.00000E+00
88	.50105E-01	.10148E-02	-.47734E-01	.00000E+00
89	.51076E-01	.18955E-02	-.51274E-01	-.71975E-04
90	.33221E-01	-.18567E-03	-.22595E-01	.00000E+00
91	.35518E-01	-.33104E-03	-.24256E-01	.00000E+00
92	.37982E-01	.21395E-03	-.25597E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.14577E-01	.00000E+00	-.10106E-01	.00000E+00
95	.26635E-01	.00000E+00	-.17962E-01	.00000E+00
96	.30378E-01	.00000E+00	-.20296E-01	.00000E+00
97	.31783E-01	.00000E+00	-.20554E-01	.00000E+00
98	.31348E-01	.00000E+00	-.20209E-01	.00000E+00
99	.33982E-01	.17440E-03	-.21725E-01	.00000E+00
100	.41284E-01	.25724E-03	-.28526E-01	.00000E+00
101	.49075E-01	.67231E-03	-.39616E-01	.00000E+00
102	.52901E-01	.19593E-02	-.52014E-01	-.64701E-04
103	.51067E-01	.52699E-03	-.45501E-01	.00000E+00
104	.53643E-01	.17149E-02	-.52257E-01	.00000E+00
105	.54174E-01	.20039E-02	-.52649E-01	-.56040E-04
106	.53296E-01	.60305E-03	-.48985E-01	.00000E+00
107	.55772E-01	.18656E-02	-.53320E-01	.00000E+00
108	.55643E-01	.20457E-02	-.53252E-01	-.53581E-04
109	.56702E-01	.20783E-02	-.53737E-01	-.45341E-04
110	.56249E-01	.22601E-02	-.51520E-01	.00000E+00
111	.58086E-01	.23177E-02	-.54932E-01	.00000E+00
112	.57849E-01	.21152E-02	-.54163E-01	-.40602E-04
113	.57657E-01	.18950E-02	-.52903E-01	.00000E+00
114	.58491E-01	.20904E-02	-.54450E-01	-.15758E-04
115	.58719E-01	.20925E-02	-.54679E-01	-.50405E-05
116	.58761E-01	.20452E-02	-.54758E-01	.23942E-05
117	.58451E-01	.24052E-02	-.55782E-01	.00000E+00
118	.58699E-01	.20369E-02	-.54796E-01	.79746E-05
119	.58463E-01	.20157E-02	-.54820E-01	.15200E-04
120	.58916E-01	.22337E-02	-.55794E-01	.00000E+00
121	.57969E-01	.19557E-02	-.54759E-01	.28088E-04
122	.57912E-01	.17184E-02	-.54816E-01	.34542E-04
123	.57824E-01	.14932E-02	-.54858E-01	.39627E-04
124	.57722E-01	.12350E-02	-.54901E-01	.45482E-04
125	.57584E-01	.93744E-03	-.54945E-01	.52468E-04
126	.57311E-01	.36084E-03	-.55016E-01	.60742E-04
127	.57015E-01	-.26211E-03	-.55085E-01	.62167E-04
128	.56447E-01	-.15392E-02	-.55226E-01	.51122E-04
129	.56055E-01	-.24901E-02	-.55354E-01	.33787E-04
130	.55827E-01	-.30922E-02	-.55494E-01	.13383E-04
131	.55938E-01	-.30974E-02	-.55707E-01	-.88554E-05
132	.56026E-01	-.25193E-02	-.55896E-01	-.14698E-04
133	.56194E-01	-.19205E-02	-.56061E-01	-.11880E-04
134	.56296E-01	-.14731E-02	-.56196E-01	-.89731E-05
135	.56364E-01	-.11114E-02	-.56305E-01	-.78762E-05
136	.56412E-01	-.76434E-03	-.56384E-01	-.79773E-05
137	.56440E-01	-.42696E-03	-.56432E-01	-.78176E-05
138	.56459E-01	-.65466E-04	-.56459E-01	-.83846E-05
139	.56459E-01	-.80455E-05	-.56459E-01	-.80805E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .670CE+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	8.97E-03	4.53E-02	-2.42E-03	1.91E+00	6.57E-03	-1.93E+00	1.93E+00	-1.88E+00	45.27	8.97E-03	1.91E+00
	-303.00	[illegible]6E-07	1.39E-06	-7.83E-07	1.73E-04	5.99E-07	-1[illegible]04	8.73E-05	-8.61E-05			
2	72.00	[illegible]E-02	6.67E-02	-3.62E-02	1.62E+00	-1.98E-03	[illegible]00	1.67E+00	-1.57E+00	45.32	3.03E-02	1.62[illegible]

	-213.00	[illegible]E-07	2.24E-06	-2.44E-06	1.47E-04	-1.80E-07	[illegible]04	7.50E-05	-7.22E-05					
3	72.00	[illegible]E-01	7.[illegible]E-02	-8.42E-02	1.10E+00	-1.15E-01	-1.[illegible]00	1.28E+00	-9.23E-01	42.42	2.77E-01	1.10E+0[illegible]		
	-138.00	[illegible]E-06	3.76E-07	-3.34E-06	4.99E-05	-5.22E-06	-5.4[illegible]E-05	2.77E-05	-2.24E-05					
4	24.00	1.33E+00	7.18E-01	9.12E-01	2.07E+00	-3.62E-01	-2.29E+00	3.12E+00	-1.07E+00	40.78	1.33E+00	2.07E+00		
	-68.00	1.87E-05	-4.94E-06	2.14E-06	1.59E-04	-2.79E-05	-1.76E-04	8.74E-05	-7.37E-05					
5	72.00	-4.18E-01	-2.23E-01	-5.33E-01	9.03E-01	2.52E-02	-9.55E-01	5.88E-01	-1.23E+00	48.08	-2.23E-01	-9.03E-01		
	-88.00	-3.18E-06	4.32E-06	-7.60E-06	6.95E-05	1.94E-06	-7.35E-05	3.55E-05	-3.44E-05					
6	120.00	-2.23E-01	-2.19E-01	-3.43E-01	1.76E+00	9.48E-02	-1.72E+00	1.54E+00	-1.98E+00	45.03	1.51E+00	-3.15E-01		
	-68.00	5.70E-09	1.91E-07	-4.56E-06	1.35E-04	7.29E-06	-1.33E-04	6.78E-05	-6.75E-05					
7	36.25	4.95E-01	1.94E-01	1.16E-01	9.99E-01	-1.32E-01	-5.58E-01	1.36E+00	-6.66E-01	40.72	4.60E-01	1.00E+00		
	-19.00	1.02E-05	-1.37E-06	-4.40E-06	7.69E-05	-1.01E-05	-7.37E-05	4.33E-05	-3.45E-05					
8	108.00	-5.39E-02	-1.02E-01	-1.89E-01	7.75E-01	1.01E-03	-8.44E-01	6.97E-01	-8.53E-01	44.11	-5.39E-02	7.75E-01		
	-19.00	1.72E-06	-1.42E-07	-3.47E-06	5.96E-05	7.60E-08	-6.49E-05	3.06E-05	-2.90E-05					
9	216.00	8.67E-02	1.17E-01	4.94E-02	1.91E+00	-1.64E-02	-1.97E+00	2.02E+00	-1.81E+00	45.23	8.67E-02	1.91E+00		
	-303.00	6.55E-07	2.02E-06	-1.04E-06	1.74E-04	-1.50E-06	-1.79E-04	8.83E-05	-8.56E-05					
10	216.00	1.35E-01	1.22E-01	1.59E-03	1.67E+00	-5.39E-02	-1.74E+00	1.79E+00	-1.54E+00	44.88	1.35E-01	1.67E+00		
	-213.00	2.79E-06	2.17E-06	-3.29E-06	1.51E-04	-4.90E-06	-1.58E-04	7.82E-05	-7.32E-05					
11	216.00	2.59E-01	1.02E-01	-1.72E-01	1.30E+00	-1.68E-01	-1.39E+00	1.46E+00	-1.12E+00	43.27	2.59E-01	1.30E+00		
	-138.00	4.89E-06	1.33E-06	-4.89E-06	5.91E-05	-7.64E-06	-6.32E-05	3.27E-05	-2.65E-05					
12	168.00	5.93E-01	5.05E-01	3.21E-01	2.00E+00	-3.01E-01	-2.08E+00	2.55E+00	-1.45E+00	44.38	5.93E-01	2.00E+00		
	-68.00	7.20E-06	3.55E-06	-3.26E-06	1.54E-04	-2.32E-05	-1.60E-04	8.26E-05	-7.15E-05					
13	216.00	-5.59E-01	-2.14E-01	-6.02E-01	8.10E-01	-3.27E-02	-8.25E-01	4.42E-01	-1.22E+00	51.00	-2.14E-01	-8.10E-01		
	-88.00	-6.39E-06	6.87E-06	-8.04E-06	6.23E-05	-2.51E-06	-6.34E-05	3.21E-05	-3.16E-05					
14	264.00	-1.08E-02	-1.96E-01	-3.22E-01	1.71E+00	2.85E-02	-1.75E+00	1.61E+00	-1.82E+00	43.45	1.56E+00	-4.00E-01		
	-68.00	5.40E-06	-1.73E-06	-6.58E-06	1.32E-04	2.19E-06	-1.35E-04	6.78E-05	-6.41E-05					
15	180.00	1.97E-01	3.85E-02	-1.02E-01	8.73E-01	-2.03E-01	-8.43E-01	9.94E-01	-7.59E-01	42.41	1.97E-01	8.73E-01		
	-19.00	6.11E-06	2.31E-08	-5.40E-06	6.71E-05	-1.56E-05	-6.48E-05	3.68E-05	-3.06E-05					
16	252.00	1.00E-01	-6.75E-02	-2.41E-01	7.35E-01	-7.94E-02	-8.84E-01	7.56E-01	-7.23E-01	41.74	1.00E-01	7.35E-01		
	-19.00	6.15E-06	-3.15E-07	-6.98E-06	5.65E-05	-6.11E-06	-6.80E-05	3.14E-05	-2.55E-05					
17	361.00	1.09E-01	1.74E-01	7.00E-02	1.94E+00	-1.11E-02	-2.06E+00	2.08E+00	-1.80E+00	45.48	1.09E-01	1.94E+00		
	-303.00	3.74E-07	3.33E-06	-1.41E-06	1.76E-04	-1.01E-06	-1.87E-04	8.99E-05	-8.62E-05					
18	361.00	1.62E-01	1.62E-01	2.80E-03	1.75E+00	-5.74E-02	-1.86E+00	1.91E+00	-1.59E+00	45.00	1.62E-01	1.75E+00		
	-213.00	3.12E-06	3.11E-06	-4.11E-06	1.59E-04	-4.31E-06	-1.69E-04	8.26E-05	-7.64E-05					
19	361.00	2.89E-01	1.23E-01	-2.31E-01	1.38E+00	-1.76E-01	-1.57E+00	1.58E+00	-1.17E+00	43.28	2.89E-01	1.38E+00		
	-138.00	5.61E-06	1.85E-06	-6.19E-06	6.26E-05	-8.02E-06	-7.13E-05	3.51E-05	-2.76E-05					
20	312.00	1.03E+00	7.54E-01	5.13E-01	2.25E+00	-5.17E-01	-2.52E+00	3.15E+00	-1.36E+00	43.22	1.03E+00	2.25E+00		
	-68.00	1.45E-05	3.72E-06	-5.56E-06	1.73E-04	-3.97E-05	-1.94E-04	9.58E-05	-7.76E-05					
21	360.67	-9.07E-01	-4.86E-01	-8.90E-01	1.04E+00	1.49E-02	-1.21E+00	3.69E-01	-1.76E+00	50.69	-4.86E-01	-1.04E+00		
	-88.00	-9.78E-06	6.38E-06	-9.14E-06	8.04E-05	1.15E-06	-9.31E-05	3.93E-05	-4.27E-05					
22	400.33	5.17E-01	7.18E-01	2.01E-01	2.14E+00	-1.83E-02	-2.69E+00	2.76E+00	-1.53E+00	46.34	2.73E+00	-3.45E-01		
	-68.00	4.11E-06	1.18E-05	-8.05E-06	1.65E-04	-1.41E-06	-2.07E-04	9.05E-05	-7.45E-05					
23	324.00	3.89E-01	7.12E-02	-1.44E-01	8.98E-01	-3.63E-01	-8.89E-01	1.13E+00	-6.71E-01	39.92	3.89E-01	8.88E-01		
	-19.00	1.15E-05	-7.39E-07	-9.02E-06	6.83E-05	-2.79E-05	-6.84E-05	4.01E-05	-2.93E-05					
24	372.00	2.30E-01	-1.56E-01	-3.44E-01	2.36E+00	-3.43E-01	-2.51E+00	2.40E+00	-2.33E+00	42.66	2.30E-01	2.36E+00		
	-0.33	1.18E-05	-3.03E-06	-1.03E-05	1.81E-04	-2.64E-05	-1.93E-04	9.54E-05	-8.66E-05					
25	401.25	9.66E-02	-3.46E-02	-3.85E-01	7.70E-01	-1.21E-01	-1.03E+00	8.04E-01	-7.41E-01	42.56	-6.30E-01	4.00E-01		
	-19.00	7.27E-06	2.22E-06	-1.13E-05	5.92E-05	-9.32E-06	-7.91E-05	3.45E-05	-2.50E-05					
26	427.67	1.06E+00	9.44E-01	4.42E-01	2.62E+00	-4.62E-01	-3.54E+00	3.62E+00	-1.62E+00	44.37	2.60E+00	2.08E+00		
	-0.33	1.39E-05	5.43E-06	-9.86E-06	2.02E-04	-3.55E-05	-2.72E-04	1.12E-04	-8.92E-05					
27	457.00	1.24E-01	2.63E-01	1.08E-01	1.96E+00	6.29E-03	-2.11E+00	2.15E+00	-1.77E+00	46.02	1.24E-01	1.96E+00		
	-303.00	-7.96E-07	5.54E-06	-1.53E-06	1.78E-04	5.71E-07	-1.92E-04	9.14E-05	-8.67E-05					
28	457.00	1.42E-01	1.72E-01	-6.70E-03	1.84E+00	-2.35E-02	-1.95E+00	2.00E+00	-1.68E+00	45.23	1.42E-01	1.84E+00		
	-213.00	2.48E-06	3.81E-06	-4.30E-06	1.67E-04	-2.14E-06	-1.77E-04	8.69E-05	-8.06E-05					
29	457.00	4.69E-01	2.04E-01	-1.48E-01	1.44E+00	2.52E-02	-1.59E+00	1.78E+00	-1.11E+00	42.37	4.69E-01	1.44E+00		
	-138.00	7.91E-06	1.88E-06	-6.12E-06	6.54E-05	1.15E-06	-7.23E-05	3.77E-05	-2.75E-05					
30	442.00	4.75E-01	1.10E+00	3.59E-01	2.51E+00	5.64E-02	-2.85E+00	3.32E+00	-1.74E+00	48.55	4.75E-01	2.51E+00		
	-68.00	-3.00E-06	2.11E-05	-7.46E-06	1.93E-04	4.34E-06	-2.15E-04	1.06E-04	-8.83E-05					
31	457.33	-2.98E+00	-1.41E+00	-1.98E+00	8.77E-01	1.36E+00	-1.50E+00	-1.01E+00	-3.37E+00	65.95	-1.41E+00	-8.77E-01		
	-88.00	-4.46E-05	1.59E-05	-6.17E-06	6.74E-05	1.05E-04	-1.15E-04	3.09E-05	-5.97E-05					
32	472.67	4.92E+00	3.55E+00	3.29E+00	2.18E+00	-8.59E-01	-3.60E+00	6.61E+00	2.17E+00	39.35	6.13E+00	1.39E+00		
	-68.00	5.29E-05	1.54E-05	-5.97E-06	1.68E-04	-6.60E-05	-2.77E-04	1.22E-04	-4.93E-05					
33	443.00	4.28E-01	3.12E-01	-1.27E-01	1.28E+00	-1.71E-01	-1.37E+00	1.65E+00	-9.11E-01	43.71	4.28E-01	1.28E+00		
	-19.50	9.71E-06	5.28E-06	-1.16E-05	9.84E-05	-1.31E-05	-1.06E-04	5.68E-05	-4.18E-05					
34	454.00	3.88E+00	2.82E+00	2.36E+00	3.30E+00	-1.00E+00	-4.47E+00	6.72E+00	4.92E-02	40.71	5.19E+00	2.80E+00		

	-11.33	4.90E-05	1.07E-05	-9.61E-06	2.54E-04	-7.72E-05	-3.44E-04	1.50E-04	-9.84E-05				
35	461.67	9.07E-01	1.14E+00	4.75E-01	3.13E+00	-2.56E-01	-4.42E+00	4.15E+00	-2.11E+00	46.07	9.07E-01	3.13E+00	
	-12.00	7.17E-06	1.61E-05	-9.45E-06	2.41E-04	-1.97E-05	-3.54E-04	1.32E-04	-1.09E-04				
36	469.00	-2.39E+00	-9.43E-01	-1.71E+00	2.95E-01	1.20E+00	-1.02E+00	-8.85E-01	-2.45E+00	78.95	-9.43E-01	-2.95E-01	
	-30.00	-3.47E-05	1.52E-05	-1.02E-05	2.27E-05	9.24E-05	-1.41E-04	2.14E-05	-3.89E-05				
37	476.33	1.77E+00	2.43E+00	1.31E+00	2.13E+00	-2.76E-01	-3.79E+00	4.25E+00	-5.55E-02	49.41	2.63E+00	2.09E+00	
	-12.00	7.47E-06	3.29E-05	-1.00E-05	1.64E-04	-2.12E-05	-2.92E-04	1.03E-04	-6.27E-05				
38	558.50	-1.39E-01	-3.17E-02	-1.04E-01	1.85E+00	5.48E-02	-2.04E+00	1.76E+00	-1.93E+00	45.83	-1.39E-01	1.85E+00	
	-303.00	-2.74E-06	2.17E-06	-1.17E-06	1.60E-04	4.98E-06	-1.85E-04	8.36E-05	-8.43E-05				
39	558.50	2.92E-02	2.40E-01	1.32E-02	1.84E+00	1.07E-01	-1.99E+00	1.98E+00	-1.71E+00	46.64	2.92E-02	1.84E+00	
	-213.00	-2.35E-06	7.25E-06	-3.07E-06	1.68E-04	9.74E-06	-1.81E-04	8.64E-05	-8.14E-05				
40	506.17	1.13E-02	5.92E-01	-1.17E-01	4.15E+00	2.14E-01	-4.25E+00	4.46E+00	-3.86E+00	47.00	1.13E-02	4.15E+00	
	-128.00	-2.29E-05	1.09E-05	-5.20E-06	1.89E-04	9.75E-06	-1.93E-04	9.69E-05	-9.03E-05				
41	558.50	-1.17E+00	3.55E-01	-3.97E-01	1.76E+00	9.43E-01	-2.49E+00	1.54E+00	-2.32E+00	56.95	3.95E-01	-1.76E+00	
	-148.00	-2.04E-05	1.51E-05	-2.89E-06	9.02E-05	4.28E-05	-1.13E-04	4.12E-05	-4.65E-05				
42	610.83	1.92E-01	6.68E-01	1.07E-01	3.59E+00	6.82E-01	-3.33E+00	4.02E+00	-3.16E+00	46.90	3.95E+00	-7.12E-01	
	-128.00	-7.00E-07	1.01E-05	-2.64E-06	1.63E-04	3.10E-05	-1.51E-04	8.64E-05	-7.70E-05				
43	501.38	-3.42E-01	-1.19E-01	-4.52E-01	9.42E-01	3.25E-01	-1.20E+00	7.18E-01	-1.18E+00	48.38	-3.42E-01	9.42E-01	
	-78.00	-3.14E-06	5.46E-06	-7.34E-06	7.25E-05	2.50E-05	-9.26E-05	3.76E-05	-3.53E-05				
44	534.67	5.40E-01	5.12E-01	2.41E-01	2.97E+00	1.89E-01	-3.66E+00	3.50E+00	-2.44E+00	44.86	3.45E+00	-5.29E-01	
	-68.00	6.57E-06	5.40E-06	-4.95E-06	2.28E-04	1.45E-05	-2.92E-04	1.20E-04	-1.08E-04				
45	584.67	-5.70E-01	-2.91E-01	-5.09E-01	2.89E+00	6.93E-01	-2.68E+00	2.46E+00	-3.32E+00	46.38	-5.70E-01	2.89E+00	
	-68.00	-6.86E-06	3.86E-06	-4.53E-06	2.27E-04	5.33E-05	-2.06E-04	1.10E-04	-1.13E-04				
46	610.83	-2.91E+00	-7.72E-01	-1.50E+00	1.55E+00	1.37E+00	-2.12E+00	3.91E-02	-3.72E+00	62.31	-7.72E-01	-1.55E+00	
	-88.00	-5.49E-05	2.72E-05	-7.79E-07	1.19E-04	1.05E-04	-1.63E-04	5.84E-05	-8.61E-05				
47	482.63	-1.71E-01	3.87E-02	-4.89E-01	6.88E-01	3.57E-01	-1.37E+00	6.30E-01	-7.62E-01	49.33	-1.71E-01	6.88E-01	
	-21.00	2.47E-07	8.31E-06	-1.20E-05	5.29E-05	2.74E-05	-1.06E-04	3.10E-05	-2.25E-05				
48	485.83	7.10E-01	1.08E+00	3.80E-01	2.02E+00	4.91E-02	-4.22E+00	2.92E+00	-1.13E+00	47.60	9.72E-01	2.02E+00	
	-12.00	3.49E-06	1.76E-05	-9.21E-06	1.55E-04	3.77E-06	-3.25E-04	8.85E-05	-6.74E-05				
49	507.88	-5.84E-02	-1.54E-01	-4.75E-01	7.52E-01	1.99E-01	-1.49E+00	6.48E-01	-8.60E-01	43.19	-5.84E-02	7.52E-01	
	-21.00	5.31E-06	1.64E-06	-1.07E-05	5.79E-05	1.53E-05	-1.15E-04	3.25E-05	-2.55E-05				
50	538.67	5.12E-01	2.25E-01	7.06E-02	2.66E+00	9.42E-01	-3.23E+00	3.04E+00	-2.30E+00	43.46	3.01E+00	-4.01E-01	
	-10.00	1.08E-05	-2.31E-07	-6.16E-06	2.05E-04	7.25E-05	-2.48E-04	1.08E-04	-9.73E-05				
51	484.67	-8.90E+00	-6.18E+00	-6.56E+00	-1.98E-01	6.76E-01	-4.52E-01	-6.17E+00	-8.91E+00	-85.85	-6.18E+00	1.98E-01	
	8.00	-1.04E-04	-2.54E-08	-1.44E-05	-1.52E-05	5.18E-05	-3.47E-05	5.27E-07	-1.05E-04				
52	507.00	2.22E+00	2.68E+00	1.54E+00	1.50E+00	4.29E-01	1.16E+00	3.96E+00	9.37E-01	49.37	3.64E+00	9.36E-01	
	9.00	1.46E-05	3.23E-05	-1.16E-05	1.15E-04	3.30E-05	8.89E-05	8.16E-05	-3.47E-05				
53	602.00	4.48E-02	-6.15E-02	-7.50E-02	1.13E+00	4.49E-01	-1.07E+00	1.13E+00	-1.14E+00	43.66	-6.74E-01	9.19E-01	
	-18.00	2.72E-06	-1.35E-06	-1.87E-06	8.72E-05	3.45E-05	-8.20E-05	4.43E-05	-4.29E-05				
54	712.00	-1.76E-01	1.09E-01	-3.22E-02	1.76E+00	1.42E-01	-1.73E+00	1.73E+00	-1.80E+00	47.32	-1.76E-01	1.76E+00	
	-303.00	-6.72E-06	6.23E-06	-1.66E-07	1.60E-04	1.29E-05	-1.58E-04	7.59E-05	-8.04E-05				
55	712.00	-9.78E-01	-5.61E-01	-5.94E-01	1.93E+00	4.51E-01	-1.71E+00	1.18E+00	-2.72E+00	48.07	-9.78E-01	1.93E+00	
	-213.00	-1.67E-05	2.20E-06	6.98E-07	1.76E-04	4.10E-05	-1.55E-04	8.12E-05	-9.57E-05				
56	712.00	-1.21E+00	-6.70E-01	-4.44E-01	1.48E+00	1.03E+00	-1.34E+00	5.65E-01	-2.44E+00	50.15	-1.21E+00	1.48E+00	
	-138.00	-1.53E-05	-3.05E-06	2.09E-06	6.73E-05	4.70E-05	-6.09E-05	2.50E-05	-4.34E-05				
57	712.00	-3.40E-01	-3.65E-02	-6.29E-02	9.26E-01	4.18E-01	-1.00E+00	7.49E-01	-1.13E+00	49.61	-3.40E-01	9.26E-01	
	-78.00	-8.21E-06	3.36E-06	2.43E-06	7.12E-05	3.22E-05	-7.73E-05	3.37E-05	-3.85E-05				
58	712.00	-4.42E-01	-2.37E-01	-2.12E-01	1.25E+00	3.67E-01	-1.24E+00	8.66E-01	-1.64E+00	46.20	-4.42E-01	1.25E+00	
	-18.00	-6.11E-06	-2.07E-06	2.75E-06	9.65E-05	2.82E-05	-9.55E-05	4.42E-05	-5.24E-05				
59	837.00	-5.02E+00	-2.80E+00	-3.13E+00	1.48E+00	8.97E-01	-1.50E+00	-2.06E+00	-5.76E+00	63.46	-2.80E+00	-1.48E+00	
	-318.00	-8.60E-05	1.49E-05	.00E+00	1.34E-04	8.16E-05	-1.36E-04	4.85E-05	-1.20E-04				
60	887.00	-7.28E-01	-1.11E-01	-3.35E-01	3.95E+00	3.29E-01	-3.39E+00	3.55E+00	-4.39E+00	47.23	3.22E+00	-1.59E+00	
	-288.00	-1.78E-05	1.02E-05	.00E+00	3.60E-04	2.99E-05	-3.08E-04	1.77E-04	-1.84E-04				
61	987.00	8.70E-01	5.51E-01	5.69E-01	4.04E+00	-2.09E-01	-3.19E+00	4.76E+00	-3.33E+00	43.87	8.70E-01	4.04E+00	
	-288.00	1.37E-05	-7.92E-07	.00E+00	3.67E-04	-1.90E-05	-2.90E-04	1.90E-04	-1.77E-04				
62	1037.00	-5.06E+00	-3.08E+00	-3.26E+00	2.98E+00	7.78E-01	-2.59E+00	-9.34E-01	-7.21E+00	54.18	-3.08E+00	-2.98E+00	
	-318.00	-8.19E-05	7.87E-06	.00E+00	2.71E-04	7.07E-05	-2.36E-04	1.06E-04	-1.80E-04				
63	862.00	-1.30E-01	-1.02E-01	1.26E-02	2.00E+00	8.00E-02	-1.76E+00	1.89E+00	-2.12E+00	45.20	-1.30E-01	2.00E+00	
	-213.00	-3.06E-06	-1.77E-06	3.41E-06	1.82E-04	7.27E-06	-1.60E-04	8.87E-05	-9.35E-05				
64	1012.00	2.47E-01	1.27E-01	2.57E-01	2.17E+00	-7.07E-02	-1.81E+00	2.36E+00	-1.98E+00	44.21	2.47E-01	2.17E+00	
	-213.00	3.04E-06	-2.42E-06	3.48E-06	1.97E-04	-6.43E-06	-1.64E-04	9.89E-05	-9.83E-05				
65	937.00	2.05E-01	-1.54E-01	3.15E-01	1.51E+00	4.35E-02	-1.81E+00	1.53E+00	-1.52E+00	41.23	-1.94E-01	-1.51E+00	
	-148.00	[illegible]96E-06	-6.12E-06	5.45E-06	6.87E-05	1.98E-06	-[illegible]E-05	3.30E-05	-3.62E-05				
66	937.0[illegible]	[illegible]05E-01	-1.34E-01	1.77E-01	2.65E+00	1.35E-01	[illegible]+00	2.52E+00	-2.86E+00	45.38	1.71E+00	-1.92[illegible]	

	-128.00	[illegible]	-2.19E-06	4.37E-06	1.22E-04	6.14E-06	[illegible]	[illegible]	5.82E-05	-6.42E-05				
67	1037.00	[illegible].40E+00	-5.07E-01	-6.00E-01	2.56E+00	8.05E-01	[illegible]	[illegible]	1.22E+00	-4.21E+00	54.75	-5.87E-01	-2.56E+[illegible]	
	-148.00	-3.55E-05	5.40E-06	5.19E-06	1.16E-04	3.66E-05	-1.10E-04		4.67E-05	-7.65E-05				
68	937.00	-7.40E-01	-7.62E-01	-4.28E-01	2.93E+00	3.35E-01	-2.53E+00		2.18E+00	-3.68E+00	44.69	-7.40E-01	2.93E+00	
	-66.00	-7.26E-06	-9.03E-06	4.74E-06	2.25E-04	2.56E-05	-1.95E-04		1.05E-04	-1.20E-04				
69	937.00	-8.77E-01	8.05E-02	-8.03E-02	1.52E+00	3.81E-01	-1.34E+00		1.19E+00	-1.95E+00	53.75	8.05E-02	-1.52E+00	
	-88.00	-2.41E-05	1.27E-05	6.54E-06	1.17E-04	2.93E-05	-1.03E-04		5.55E-05	-6.69E-05				
70	1037.00	-2.35E-01	5.43E-02	1.43E-01	2.59E+00	-6.34E-02	-2.62E+00		2.51E+00	-2.69E+00	46.60	1.80E+00	-1.78E+00	
	-68.00	-8.63E-06	2.51E-06	5.91E-06	1.99E-04	-4.87E-06	-2.01E-04		9.66E-05	-1.03E-04				
71	862.00	-5.89E-01	-4.14E-01	-1.74E-01	1.23E+00	3.14E-01	-1.17E+00		7.25E-01	-1.73E+00	47.04	-5.89E-01	1.23E+00	
	-18.00	-9.71E-06	-2.99E-06	6.23E-06	9.44E-05	2.42E-05	-9.02E-05		4.10E-05	-5.37E-05				
72	1012.00	1.45E-01	2.12E-01	3.93E-01	1.33E+00	-4.56E-02	-1.11E+00		1.51E+00	-1.15E+00	45.72	1.45E-01	1.33E+00	
	-18.00	-2.66E-06	-8.89E-08	6.87E-06	1.02E-04	-3.82E-06	-8.51E-05		4.97E-05	-5.25E-05				
73	1387.00	2.62E-01	2.63E-01	2.44E-01	1.64E+00	-7.57E-03	-1.27E+00		1.91E+00	-1.38E+00	45.01	2.62E-01	1.64E+00	
	-303.00	1.01E-06	1.97E-06	1.11E-06	1.49E-04	-6.88E-07	-1.15E-04		7.64E-05	-7.25E-05				
74	1387.00	2.01E-02	-7.56E-02	8.99E-02	1.72E+00	1.06E-02	-1.24E+00		1.65E+00	-1.75E+00	44.20	2.01E-02	1.72E+00	
	-213.00	4.68E-07	-3.89E-06	3.64E-06	1.56E-04	9.66E-07	-1.12E-04		7.65E-05	-7.95E-05				
75	1387.00	-8.92E-03	8.15E-02	3.34E-01	1.26E+00	6.40E-02	-8.51E-01		1.30E+00	-1.23E+00	46.03	-8.92E-03	1.26E+00	
	-138.00	-2.33E-04	-2.79E-07	5.46E-06	5.74E-05	2.91E-06	-3.87E-05		2.74E-05	-3.00E-05				
76	1187.00	-3.61E-01	-2.70E-01	-6.42E-02	1.98E+00	2.23E-01	-1.13E+00		1.67E+00	-2.30E+00	45.66	-3.61E-01	1.98E+00	
	-68.00	-6.24E-06	-2.75E-06	5.17E-06	1.52E-04	1.72E-05	-8.70E-05		7.18E-05	-8.08E-05				
77	1387.00	-5.09E-01	-4.13E-01	-1.04E-01	9.45E-01	1.73E-01	-7.47E-01		4.85E-01	-1.41E+00	46.45	-4.13E-01	-9.45E-01	
	-88.00	-8.29E-06	-4.62E-06	7.27E-06	7.27E-05	1.33E-05	-5.75E-05		2.99E-05	-4.28E-05				
78	1587.00	-2.04E-01	-1.59E-01	8.62E-02	1.23E+00	5.83E-03	-6.10E-01		1.05E+00	-1.41E+00	45.52	3.14E-01	-1.13E+00	
	-68.00	-4.79E-06	-3.08E-06	6.35E-06	9.49E-05	4.49E-07	-4.69E-05		4.35E-05	-5.14E-05				
79	1237.00	-6.94E-01	-2.94E-01	-1.32E-01	1.03E+00	2.64E-01	-6.98E-01		5.59E-01	-1.55E+00	50.47	-6.94E-01	1.03E+00	
	-18.00	-1.44E-05	9.85E-07	7.25E-06	7.96E-05	2.03E-05	-5.37E-05		3.38E-05	-4.72E-05				
80	1433.80	-4.24E-01	-1.18E-01	5.29E-02	1.21E+00	1.38E-01	-5.30E-01		9.46E-01	-1.45E+00	48.61	-4.24E-01	1.21E+00	
	-8.00	-1.09E-05	8.39E-07	7.41E-06	9.29E-05	1.06E-05	-4.08E-05		4.18E-05	-5.15E-05				
81	1533.80	-7.07E-01	-1.51E-01	-7.64E-02	6.88E-01	1.32E-01	-3.44E-01		3.13E-01	-1.17E+00	56.00	-1.51E-01	-6.88E-01	
	-28.00	-1.69E-05	4.46E-06	7.32E-06	5.29E-05	1.02E-05	-2.65E-05		2.23E-05	-3.48E-05				
82	1633.90	-7.79E-01	-2.74E-01	-1.71E-01	2.73E-01	3.41E-02	-1.04E-01		-1.54E-01	-8.98E-01	66.35	-1.56E-01	-3.95E-02	
	-8.00	-1.65E-05	2.91E-06	6.87E-06	2.10E-05	2.63E-06	-8.01E-06		7.51E-06	-2.11E-05				
83	1433.80	-2.86E+00	-1.24E+00	-1.33E+00	7.75E-01	7.16E-01	-3.74E-01		-9.33E-01	-3.18E+00	68.12	-1.24E+00	-7.75E-01	
	27.60	-5.04E-05	1.19E-05	8.55E-06	5.96E-05	5.51E-05	-2.88E-05		2.39E-05	-6.23E-05				
84	1296.10	-1.02E+00	-1.46E-01	-1.54E-01	8.21E-01	3.24E-01	-4.12E-01		3.46E-01	-1.51E+00	59.04	-6.49E-01	-9.28E-01	
	40.70	-2.48E-05	8.92E-06	8.60E-06	6.32E-05	2.49E-05	-3.17E-05		2.79E-05	-4.37E-05				
85	1148.60	-4.59E-01	2.20E-01	1.64E-01	1.14E+00	3.82E-01	-4.51E-01		1.07E+00	-1.31E+00	53.29	8.87E-01	6.34E-01	
	57.33	-1.68E-05	9.29E-06	7.11E-06	8.77E-05	2.93E-05	-3.47E-05		4.20E-05	-4.95E-05				
86	1121.40	-3.62E+00	-1.78E+00	-1.75E+00	4.29E-01	1.30E+00	-8.30E-02		-1.69E+00	-3.72E+00	77.49	-1.78E+00	-4.29E-01	
	112.00	-6.07E-05	1.01E-05	1.13E-05	3.30E-05	1.00E-04	-6.39E-06		1.36E-05	-6.44E-05				
87	1019.80	-1.04E+00	-5.34E-01	-3.39E-01	1.17E+00	4.54E-01	-1.60E+00		4.05E-01	-1.98E+00	51.15	-5.34E-01	-1.17E+00	
	34.67	-1.90E-05	5.05E-07	8.01E-06	8.97E-05	3.49E-05	-1.23E-04		3.66E-05	-5.52E-05				
88	886.60	-5.36E-01	-2.53E-01	-7.91E-02	9.78E-01	2.30E-01	-1.05E+00		5.93E-01	-1.38E+00	49.12	-5.36E-01	9.79E-01	
	46.00	-1.11E-05	-1.85E-07	6.50E-06	7.52E-05	1.77E-05	-8.05E-05		3.24E-05	-4.36E-05				
89	869.80	-2.29E+00	-1.02E+00	-1.02E+00	5.63E-01	7.36E-01	-4.46E-01		-8.04E-01	-2.56E+00	69.19	-1.02E+00	-5.63E-01	
	96.00	-4.04E-05	8.41E-06	8.16E-06	4.33E-05	5.66E-05	-3.43E-05		1.66E-05	-4.86E-05				
90	952.60	-4.47E-01	1.07E+00	5.22E-01	1.40E+00	4.11E-01	-1.03E+00		1.91E+00	-1.28E+00	59.23	1.54E+00	-1.02E+00	
	128.00	-2.98E-05	2.87E-05	7.45E-06	1.08E-04	3.16E-05	-7.94E-05		6.06E-05	-6.20E-05				
91	869.80	-6.53E-01	-5.62E-02	-5.48E-02	6.72E-01	4.07E-01	-3.02E-01		3.78E-01	-1.10E+00	57.14	-6.63E-01	6.72E-01	
	160.00	-1.70E-05	6.34E-06	6.40E-06	5.17E-05	3.13E-05	-2.32E-05		2.30E-05	-3.37E-05				
92	869.80	-3.30E+00	-1.14E+00	-1.38E+00	3.89E-01	1.46E+00	-4.08E-01		-1.07E+00	-3.37E+00	60.08	-1.14E+00	-3.89E-01	
	203.60	-6.29E-05	2.00E-05	1.09E-05	2.99E-05	1.12E-04	-3.14E-05		2.26E-05	-6.55E-05				
93	598.67	2.35E-01	-1.02E-01	6.63E-02	1.96E+00	9.87E-01	-2.19E+00		2.03E+00	-1.90E+00	42.54	-1.02E-01	-1.96E+00	
	16.00	6.85E-06	-6.10E-06	3.51E-07	1.51E-04	7.59E-05	-1.68E-04		7.60E-05	-7.53E-05				
94	645.75	-3.18E-01	-2.48E-01	-1.92E-01	1.26E+00	4.09E-01	-1.09E+00		9.76E-01	-1.54E+00	45.79	-3.18E-01	1.26E+00	
	24.00	-3.85E-06	-1.21E-06	9.33E-07	9.68E-05	3.14E-05	-8.36E-05		4.59E-05	-5.10E-05				
95	613.10	-3.22E-01	-5.60E-01	-3.89E-01	2.19E+00	3.63E-01	-4.70E-01		1.75E+00	-2.63E+00	43.44	-3.22E-01	2.19E+00	
	69.33	1.60E-06	-7.57E-06	-1.01E-06	1.63E-04	2.79E-05	-3.62E-05		8.13E-05	-8.73E-05				
96	708.45	-6.05E-01	-1.80E-01	-1.70E-01	1.00E+00	4.17E-01	-8.73E-01		6.35E-01	-1.42E+00	50.97	-7.98E-01	-9.44E-01	
	55.00	-1.28E-05	3.58E-06	3.95E-06	7.73E-05	3.21E-05	-6.72E-05		3.49E-05	-4.41E-05				
97	613.10	-1.63E+00	-7.41E-01	-7.83E-01	7.26E-01	1.23E+00	-5.13E-01		-3.34E-01	-2.03E+00	60.69	-7.41E-01	-7.26E-01	
	96.00	-2.79E-05	6.11E-06	4.52E-06	5.58E-05	9.42E-05	-3.94E-05		2.16E-05	-4.36E-05				
98	683.27	-6.22E-01	-2.31E-01	-1.93E-01	1.44E+00	3.70E-01	-9.77E-01		1.03E+00	-1.88E+00	48.87	8.14E-01	-7.55E-01	

	112.00	-1.24E-05	2.61E-06	4.06E-06	1.11E-04	2.65E-05	-7.52E-05	5.05E-05	-6.06E-05				
99	751.43	-2.19E+00	2.51E-01	-5.40E-01	1.51E+00	1.07E+00	-1.54E+00	5.75E-01	-2.91E+00	64.43	2.51E-01	-1.51E+00	
	96.00	-5.69E-05	3.68E-05	6.43E-06	1.16E-04	8.22E-05	-3.51E-04	6.47E-05	-8.47E-05				
100	683.25	-5.66E-01	-1.58E-01	-1.19E-01	5.13E-01	2.82E-01	-6.38E-01	1.70E-01	-9.24E-01	55.10	-5.66E-01	5.13E-01	
	152.00	-1.22E-05	2.36E-06	5.02E-06	3.95E-05	2.17E-05	-4.91E-05	1.63E-05	-2.60E-05				
101	640.67	-2.83E+00	-1.36E+00	-1.43E+00	3.61E-01	8.29E-01	-4.49E-01	-1.28E+00	-2.91E+00	76.89	-1.36E+00	-3.61E-01	
	192.00	-4.69E-05	9.42E-06	6.65E-06	2.78E-05	6.38E-05	-3.45E-05	1.27E-05	-5.02E-05				
102	725.25	-4.72E-01	2.04E-01	1.06E-01	5.22E-01	2.12E-01	-4.51E-01	4.90E-01	-7.56E-01	61.50	-1.21E-01	-6.23E-01	
	232.70	-1.64E-05	5.69E-06	5.84E-06	4.02E-05	1.63E-05	-3.47E-05	2.06E-05	-2.73E-05				
103	635.50	-3.90E-01	-4.07E-01	-1.38E-01	4.15E-02	1.59E-01	4.13E-02	-3.56E-01	-4.41E-01	39.33	-3.90E-01	4.15E-02	
	256.00	-4.73E-06	-5.37E-06	4.96E-06	3.19E-06	1.22E-05	3.18E-06	-3.42E-06	-6.66E-06				
104	635.50	-1.09E+00	-7.31E-01	-4.57E-01	2.92E-04	5.72E-01	-4.13E-02	-7.31E-01	-1.09E+00	89.96	-7.31E-01	-2.82E-04	
	290.67	-1.70E-05	-3.06E-06	7.46E-06	2.17E-08	4.40E-05	-3.17E-06	-3.06E-06	-1.70E-05				
105	569.00	2.74E-01	-1.16E-01	-6.22E-02	2.03E+00	6.03E-01	-1.87E+00	2.12E+00	-1.96E+00	42.27	2.74E-01	2.03E+00	
	16.50	9.48E-06	-5.51E-06	-3.45E-06	1.57E-04	4.64E-05	-1.44E-04	8.06E-05	-7.66E-05				
106	508.50	4.14E+00	2.73E+00	2.56E+00	1.48E+00	1.43E+00	-5.74E-01	5.07E+00	1.80E+00	32.20	2.73E+00	-1.48E+00	
	13.00	5.57E-05	1.30E-06	-5.25E-06	1.14E-04	1.10E-04	-4.42E-05	9.15E-05	-3.45E-05				
107	521.00	1.10E+00	4.91E-01	3.25E-01	1.99E+00	5.12E-01	-1.06E+00	2.81E+00	-1.22E+00	40.69	1.10E+00	1.99E+00	
	15.75	2.11E-06	-2.13E-06	-8.50E-06	1.53E-04	3.94E-05	-8.35E-05	8.71E-05	-6.81E-05				
108	526.25	9.33E-01	3.97E-01	2.72E-01	2.20E+00	4.28E-01	-1.09E+00	2.98E+00	-1.55E+00	41.53	9.33E-01	2.20E+00	
	21.00	1.83E-05	-2.33E-06	-7.15E-06	1.69E-04	3.29E-05	-8.42E-05	9.33E-05	-7.74E-05				
109	515.50	2.58E+00	1.69E+00	1.61E+00	2.72E+00	9.64E-01	-5.82E-01	4.89E+00	-6.18E-01	40.35	1.69E+00	-2.72E+00	
	26.00	3.46E-05	3.94E-07	-2.67E-06	2.09E-04	7.41E-05	-4.48E-05	1.23E-04	-8.84E-05				
110	531.50	3.33E-01	1.84E-01	4.96E-02	1.79E+00	2.93E-01	-9.27E-01	2.05E+00	-1.53E+00	43.81	3.33E-01	1.79E+00	
	34.50	6.59E-06	8.52E-07	-4.32E-06	1.38E-04	2.26E-05	-7.13E-05	7.26E-05	-6.52E-05				
111	515.50	-1.27E+00	-2.00E+00	-1.53E+00	5.28E+00	2.21E-01	-2.51E-01	3.66E+00	-6.92E+00	43.02	-1.27E+00	5.28E+00	
	44.00	3.96E-06	-2.42E-05	-6.11E-06	4.06E-04	1.70E-05	-1.93E-05	1.93E-04	-2.14E-04				
112	515.50	-4.73E-01	-2.90E-01	-3.49E-01	1.22E+00	5.14E-01	-4.67E-01	8.39E-01	-1.60E+00	47.15	-2.90E-01	-1.22E+00	
	53.33	-5.98E-06	1.07E-06	-1.20E-06	9.36E-05	3.95E-05	-3.60E-05	4.45E-05	-4.94E-05				
113	547.50	-8.63E-01	9.01E-02	-3.50E-01	1.90E+00	3.36E-01	-1.70E+00	1.57E+00	-2.34E+00	52.05	6.79E-01	-1.64E+00	
	64.00	-2.09E-05	1.58E-05	-1.13E-06	1.46E-04	2.58E-05	-1.31E-04	7.27E-05	-7.77E-05				
114	515.50	-1.61E+00	-1.88E+00	-1.46E+00	2.21E+00	1.33E-01	-6.21E-01	4.68E-01	-3.96E+00	43.28	-1.61E+00	2.21E+00	
	74.67	-7.63E-06	-1.79E-05	-1.68E-06	1.70E-04	1.03E-05	-4.78E-05	7.24E-05	-9.75E-05				
115	515.50	-3.14E+00	-1.98E+00	-2.06E+00	7.87E-01	4.38E-01	-4.37E-01	-1.58E+00	-3.54E+00	63.18	-1.98E+00	-7.87E-01	
	88.00	-4.19E-05	2.66E-06	-2.05E-07	6.05E-05	3.37E-05	-3.36E-05	1.80E-05	-5.72E-05				
116	547.50	-1.91E+00	-2.60E-01	-8.74E-01	2.37E+00	3.20E-01	-1.44E+00	1.43E+00	-3.59E+00	54.58	7.59E-01	-1.70E+00	
	104.00	-4.00E-05	2.34E-05	-1.93E-07	1.82E-04	2.46E-05	-1.11E-04	8.83E-05	-1.05E-04				
117	515.50	-6.78E-01	-7.03E-01	-4.90E-01	1.74E+00	3.07E-02	-8.69E-01	1.05E+00	-2.43E+00	44.80	-6.78E-01	1.74E+00	
	120.00	-5.52E-06	-6.48E-06	1.72E-06	1.34E-04	2.36E-06	-6.69E-05	6.10E-05	-7.30E-05				
118	515.50	-2.26E+00	-1.38E+00	-1.36E+00	6.73E-01	2.06E-01	-3.69E-01	-1.02E+00	-2.62E+00	61.51	-1.38E+00	-6.73E-01	
	136.00	-3.19E-05	1.75E-06	2.69E-06	5.17E-05	1.58E-05	-2.84E-05	1.58E-05	-4.59E-05				
119	547.50	-1.62E+00	-4.65E-01	-7.42E-01	1.63E+00	1.69E-01	-8.86E-01	6.84E-01	-2.77E+00	54.77	2.33E-01	-1.16E+00	
	152.00	-3.12E-05	1.32E-05	2.53E-06	1.25E-04	1.30E-05	-6.81E-05	8.74E-05	-7.54E-05				
120	515.50	-7.63E-01	-6.36E-01	-3.91E-01	1.19E+00	-3.91E-03	-6.14E-01	4.91E-01	-1.89E+00	46.53	-7.63E-01	1.19E+00	
	168.00	-9.68E-06	-4.79E-06	4.64E-06	9.14E-05	-3.00E-07	-4.72E-05	3.85E-05	-5.30E-05				
121	515.50	-2.87E+00	-1.76E+00	-1.68E+00	5.30E-01	1.65E-01	-2.78E-01	-1.55E+00	-3.08E+00	68.10	-1.76E+00	-5.30E-01	
	184.00	-4.10E-05	1.54E-06	4.75E-06	4.08E-05	1.27E-05	-2.14E-05	9.73E-06	-4.92E-05				
122	547.50	-1.05E+00	4.21E-01	-8.79E-02	1.76E+00	1.13E-01	-1.15E+00	1.60E+00	-2.23E+00	56.30	1.16E+00	-1.21E+00	
	200.00	-3.24E-05	2.40E-05	4.48E-06	1.36E-04	8.69E-06	-8.81E-05	6.93E-05	-7.77E-05				
123	515.50	3.74E-01	6.50E-01	6.70E-01	8.54E-01	-1.58E-01	-7.81E-01	1.38E+00	-3.53E-01	49.58	3.74E-01	8.54E-01	
	216.00	-4.22E-06	6.37E-06	7.15E-06	6.57E-05	-1.22E-05	-6.00E-05	3.44E-05	-3.22E-05				
124	515.50	-8.50E-01	-4.57E-01	-3.00E-01	2.16E-01	-2.44E-01	-1.83E-01	-3.61E-01	-9.45E-01	66.16	-4.57E-01	-2.16E-01	
	232.00	-1.50E-05	8.59E-08	6.12E-06	1.66E-05	-1.88E-05	-1.41E-05	3.75E-06	-1.87E-05				
125	547.50	-5.27E-01	-2.57E-01	-1.20E-01	4.15E-01	-1.26E-01	-4.47E-01	1.91E-02	-8.43E-01	52.74	-1.15E-01	-3.12E-01	
	248.00	-9.90E-06	-1.05E-06	5.76E-06	3.19E-05	-9.70E-06	-3.44E-05	1.11E-05	-2.20E-05				
126	515.50	6.29E-01	9.69E-01	9.16E-01	-5.13E-02	-2.41E-01	-7.36E-01	9.57E-01	6.21E-01	-81.12	6.29E-01	-5.13E-02	
	264.00	-3.22E-06	9.09E-06	7.84E-06	-3.94E-05	-1.85E-05	-5.66E-05	9.40E-06	-3.53E-06				
127	515.50	-4.71E-01	-2.54E-01	-1.02E-01	8.04E-02	-4.78E-01	-1.01E-01	-2.20E-01	-4.97E-01	71.72	-2.54E-01	-8.04E-02	
	276.00	-9.03E-06	-6.90E-07	5.18E-06	6.19E-06	-3.68E-05	-7.78E-06	3.31E-07	-1.06E-05				
128	531.50	2.87E-01	2.00E-01	4.23E-01	4.98E-02	-2.14E-01	-6.09E-02	3.09E-01	1.77E-01	24.52	2.87E-01	4.98E-02	
	297.00	1.03E-06	-2.30E-06	6.27E-06	3.83E-06	-1.64E-05	-4.69E-06	1.90E-06	-3.17E-06				
129	515.50	[illegible]85E+00	1.20E+00	1.28E+00	-2.53E-01	-2.32E-01	-5.[illegible]E-01	1.54E+00	1.01E+00	-36.74	1.35E+00	-2.53E-01	
	320.00	[illegible]6E-06	4.09E-06	7.07E-06	-1.94E-05	-1.79E-05	[illegible]05	1.71E-05	-3.17E-06				
130	565	[illegible]91E-02	-1.24E-01	-2.31E-01	3.06E+00	7.91E-01	[illegible]00	3.04E+00	-3.08E+00	44.05	7.91E-02	3.0[illegible]	

-8. 07E-04 -1.72E-06 -1.17E-06 2.35E-04 6.05E-05 -04 1.20E-04 -1.15E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.3739E+02	-.2331E+03	-.8243E+00	.3346E+02	.7770E+02	-.5271E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.4205E+01	.1825E+01	.7986E+00	.3020E+02	-.2086E+02	-.2700E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.3508E+01	-.5501E+00	.3302E+00	.4875E+02	-.4613E+02	-.4933E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.4945E+01	.1142E+01	.5082E-01	.6821E+02	-.7238E+02	-.7207E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.5233E+01	-.7322E+00	.5152E-01	.9766E+02	-.9822E+02	-.9688E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1012E+01	-.6273E+00	.3206E+00	.1163E+03	-.1248E+03	-.1264E+03
25	.1344E+02	.2172E+01	.5640E-01	.1446E+03	-.1377E+03	-.1550E+03
26	-.2773E+01	-.4509E-01	-.5598E-01	.1570E+03	-.1455E+03	-.1760E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.7103E+02	-.1350E+02	.2223E+01	.1613E+03	-.2008E+03	-.1929E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1131E+04	.1983E+03	-.9111E+01	.2245E+03	-.5381E+03	-.3033E+03
40	.8058E+03	.1285E+03	.4833E+00	.2119E+03	-.5312E+03	-.2786E+03
41	.5482E+03	.7515E+02	.9336E+01	.1842E+03	-.4815E+03	-.2423E+03
42	.1367E+03	.1107E+02	.9485E+01	.1616E+03	-.3418E+03	-.2114E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1396E+04	-.1846E+03	-.7906E+01	.3745E+02	-.5655E+03	.1494E+03
48	-.1212E+04	-.1597E+03	-.8706E+01	.7175E+02	-.5241E+03	.1076E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1973E+04	-.3008E+03	-.9238E+01	-.4373E+02	-.3895E+03	.4662E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.5666E+01	.8418E+01	-.7380E+00	.2189E+02	-.5573E+03	.1400E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1350E+04	-.2052E+03	-.9170E+01	-.1550E+02	-.3154E+03	.4400E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.5455E+03	-.1443E+03	-.1230E+02	-.1566E+02	-.2971E+03	.4278E+03
66	-.3162E+03	-.4911E+02	-.1547E+02	-.2069E+02	-.2497E+03	.4458E+03
67	.4556E+03	.9661E+02	-.1547E+02	-.1894E+02	-.2012E+03	.4454E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1168E+04	.1736E+03	-.1300E+02	.3315E+02	-.1610E+03	.4366E+03
76	-.1261E+03	-.2001E+02	-.8869E+01	.4901E+02	-.1064E+03	.4397E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4885E+03	.7281E+02	-.6449E+01	.6124E+02	-.3866E+02	.4255E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2069E+03	-.3114E+02	-.4603E+01	.8887E+02	.2353E+01	.4129E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2845E+03	.4320E+02	-.4097E+01	.6970E+02	.5979E+02	.3826E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1914E+03	-.2788E+02	-.3431E+01	.6255E+02	.9419E+02	.3500E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2182E+03	.3402E+02	-.3508E+01	.6311E+02	.1425E+03	.3144E+03
109	-.1290E+03	-.1776E+02	-.2989E+01	.5514E+02	.1747E+03	.2723E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1812E+03	.2917E+02	-.2912E+01	.3842E+02	.2109E+03	.2249E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.8680E+02	.1520E+02	-.5665E+00	.2148E+02	.2281E+03	.1765E+03
115	.2972E+02	.6751E+01	.1472E+00	.8259E+01	.2298E+03	.1273E+03
116	.6729E+02	.1260E+02	.7605E+00	-.1684E+01	.2418E+03	.9439E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.7577E+02	.1410E+02	.1493E+01	.1047E+02	.2492E+03	.8516E+02
119	.4871E+02	.98[illegible]E+01	.2138E+01	-.2042[illegible]	.2280E+03	.4668E+02
120	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00

[illegible]	.1444E+03	.1914E+02	.6624E+01	-.1[illegible]02	.2007E+03	.2311E+02
[illegible]	.1211E+03	.9535E+01	.1503E+02	.6[illegible]1	.1942E+03	.2536E+02
[illegible]	.9215E+02	.6435E+01	.1338E+02	.40[illegible]01	.1699E+03	.2295E+02
[illegible]	.6750E+02	.4553E+01	.9235E+01	.2645E+01	.1402E+03	.2100E+02
125	.4483E+02	.2372E+01	.6746E+01	.1503E+01	.1162E+03	.1913E+02
126	.1492E+02	-.2359E+01	.4327E+01	.5235E-01	.9820E+02	.1714E+02
127	-.7136E+01	-.6068E+01	.6475E+01	-.9254E+00	.8434E+02	.1459E+02
128	-.2937E+02	-.9189E+01	.6263E+01	-.3269E+01	.5578E+02	.1169E+02
129	-.3073E+02	-.8026E+01	.5355E+01	-.4315E+01	.3258E+02	.9108E+01
130	-.2153E+02	-.4954E+01	.4026E+01	-.4463E+01	.1538E+02	.7255E+01
131	-.5785E+01	-.9102E+00	.2623E+01	-.3875E+01	.5830E+01	.6053E+01
132	.5986E+00	.4085E+00	.2100E+01	-.2598E+01	.5925E+01	.5184E+01
133	.1128E+01	.3509E+00	.1910E+01	-.1811E+01	.6613E+01	.4342E+01
134	.3110E+00	.1040E+00	.1896E+01	-.1386E+01	.5567E+01	.3412E+01
135	.5836E-02	.9272E-02	.2128E+01	-.1055E+01	.3938E+01	.2516E+01
136	.4183E-04	.1380E-01	.2829E+01	-.7371E+00	.2558E+01	.1680E+01
137	-.4970E-01	-.1636E-01	.4431E+01	-.5114E+00	.1157E+01	.9193E+00
138	.2358E-01	.9370E-01	.7249E+02	-.3393E+00	-.3059E+00	.4607E+00
139	.6846E-01	.1110E+00	-.2017E+02	-.5418E-01	.1645E+00	-.1658E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .6800E+01 (FOR FOURTH TERM, NUMBER 1)

N.P.	P-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.27884E-01	-.15918E-03	.28023E-01	.00000E+00
3	-.50966E-01	-.55778E-03	.50958E-01	.00000E+00
4	-.55282E-01	-.56204E-03	.55116E-01	.00000E+00
5	-.59692E-01	.11305E-04	.59716E-01	.00000E+00
6	-.67603E-01	.85654E-06	.67593E-01	-.16157E-04
7	-.61995E-01	-.12459E-02	.62876E-01	.00000E+00
8	-.67806E-01	-.97493E-03	.68059E-01	-.35282E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.27764E-01	-.34081E-03	.28085E-01	.00000E+00
11	-.51324E-01	-.77226E-03	.52193E-01	.00000E+00
12	-.57201E-01	-.92686E-03	.58243E-01	.00000E+00
13	-.61998E-01	-.75092E-03	.62579E-01	.00000E+00
14	-.68211E-01	-.10654E-02	.69296E-01	-.84952E-05
15	-.62805E-01	-.19352E-02	.65971E-01	.00000E+00
16	-.68821E-01	-.17265E-02	.71325E-01	.13743E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.28036E-01	-.53854E-03	.29414E-01	.00000E+00
19	-.52326E-01	-.11342E-02	.55134E-01	.00000E+00
20	-.58471E-01	-.14229E-02	.61801E-01	.00000E+00
21	-.63504E-01	-.10496E-02	.66579E-01	.00000E+00
22	-.69652E-01	-.13337E-02	.74153E-01	-.41704E-05
23	-.65207E-01	-.29378E-02	.72354E-01	.00000E+00
24	-.70692E-01	-.26547E-02	.77856E-01	-.25928E-04
25	-.71416E-01	-.32988E-02	.80226E-01	-.13976E-05
26	-.71840E-01	-.32135E-02	.81624E-01	.34554E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.26032E-01	-.10421E-02	.30667E-01	.00000E+00
29	-.53472E-01	-.21362E-02	.58266E-01	.00000E+00
30	-.52832E-01	-.25390E-02	.66091E-01	.00000E+00
31	-.65790E-01	-.30656E-02	.73665E-01	.00000E+00
32	-.72295E-01	-.36544E-02	.83165E-01	-.69891E-04
33	-.65598E-01	-.43493E-02	.73818E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.27799E-01	-.14694E-02	.30813E-01	.00000E+00
36	-.53842E-01	-.26357E-02	.59112E-01	.00000E+00
37	-.60488E-01	-.29944E-02	.66037E-01	.00000E+00
38	-.67547E-01	-.38494E-02	.76575E-01	.00000E+00
39	-.73149E-01	-.51374E-02	.85845E-01	.36997E-04
40	-.73006E-01	-.52317E-02	.85226E-01	-.61790E-05

41	-.72871E-01	-.10557E-02	.84647E-01	-.34547E-04
42	-.72630E-01	-.44779E-02	.83987E-01	-.60274E-04
43	-.59743E-01	-.37117E-02	.65284E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.25684E-01	-.25393E-04	.28547E-01	.00000E+00
46	-.53536E-01	-.23349E-02	.57365E-01	.00000E+00
47	-.73216E-01	-.48191E-02	.86087E-01	.37037E-04
48	-.73196E-01	-.40779E-02	.86050E-01	.54485E-04
49	-.67460E-01	-.39513E-02	.75987E-01	.00000E+00
50	-.72571E-01	-.49391E-02	.86361E-01	.16262E-03
51	-.67935E-01	-.42504E-02	.74698E-01	.00000E+00
52	-.76252E-01	-.44276E-02	.81781E-01	.00000E+00
53	-.73272E-01	-.45922E-02	.86225E-01	.11176E-04
54	-.59398E-01	-.24488E-02	.61245E-01	.00000E+00
55	-.66743E-01	-.35165E-02	.67738E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.22208E-01	-.24506E-02	.21548E-01	.00000E+00
58	-.47801E-01	-.16332E-02	.41480E-01	.00000E+00
59	-.77638E-01	-.35207E-02	.78150E-01	.00000E+00
60	-.76355E-01	-.42500E-02	.79667E-01	.00000E+00
61	-.74500E-01	-.50126E-02	.86568E-01	.25130E-03
62	-.56245E-01	-.13470E-02	.50087E-01	.00000E+00
63	-.64877E-01	-.13499E-02	.59876E-01	.00000E+00
64	-.77027E-01	-.44159E-02	.82877E-01	.00000E+00
65	-.75351E-01	-.50160E-02	.86762E-01	.31265E-03
66	-.77464E-01	-.50388E-02	.87151E-01	.38039E-03
67	-.70746E-01	-.50564E-02	.87575E-01	.36320E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.17473E-01	.26499E-03	.13361E-01	.00000E+00
70	-.50560E-01	-.52676E-03	.42999E-01	.00000E+00
71	-.75507E-01	-.15071E-02	.69063E-01	.00000E+00
72	-.79920E-01	-.42200E-02	.83182E-01	.00000E+00
73	-.62324E-01	-.79279E-03	.50171E-01	.00000E+00
74	-.84822E-01	-.43700E-02	.86705E-01	.00000E+00
75	-.81491E-01	-.50733E-02	.87947E-01	.27716E-03
76	-.84318E-01	-.51755E-02	.88640E-01	.19471E-03
77	-.71839E-01	-.56234E-03	.60082E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.20850E-01	-.71230E-03	.18061E-01	.00000E+00
80	-.48248E-01	.30585E-03	.38989E-01	.00000E+00
81	-.53458E-01	.30302E-03	.42734E-01	.00000E+00
82	-.59845E-01	.45102E-03	.50390E-01	.00000E+00
83	-.84294E-01	-.18069E-02	.76620E-01	.00000E+00
84	-.79282E-01	-.45186E-03	.67438E-01	.00000E+00
85	-.87297E-01	-.52350E-02	.89522E-01	.15598E-03
86	-.87916E-01	-.45140E-02	.88933E-01	.00000E+00
87	-.72370E-01	-.17688E-03	.58133E-01	.00000E+00
88	-.87942E-01	-.36362E-02	.83789E-01	.00000E+00
89	-.85357E-01	-.53725E-02	.90371E-01	.12594E-03
90	-.55837E-01	.28402E-03	.34721E-01	.00000E+00
91	-.59921E-01	.53325E-03	.37857E-01	.00000E+00
92	-.64352E-01	-.49201E-03	.40209E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.24217E-01	.00000E+00	.15102E-01	.00000E+00
95	-.44440E-01	.00000E+00	.26909E-01	.00000E+00
96	-.50847E-01	.00000E+00	.30624E-01	.00000E+00
97	-.53147E-01	.00000E+00	.30653E-01	.00000E+00
98	-.52298E-01	.00000E+00	.29992E-01	.00000E+00
99	-.57045E-01	-.28543E-03	.32597E-01	.00000E+00
100	-.70495E-01	-.72139E-03	.46378E-01	.00000E+00
101	-.84722E-01	-.21429E-02	.68267E-01	.00000E+00
102	-.92535E-01	-.55290E-02	.91591E-01	.11283E-03
103	-.86453E-01	-.24335E-02	.79418E-01	[illegible]00E+00
[illegible]	-.93712E-01	-.51475E-02	.92001E-01	[illegible]00E+00

	-.94755E-01	-.56196E-02	.92627E-01	.933E-04
	-.95533E-01	-.28743E-02	.85808E-01	.00000E+00
10	-.97345E-01	-.54658E-02	.93656E-01	.00000E+00
108	-.97285E-01	-.57502E-02	.93556E-01	.92596E-04
109	-.99127E-01	-.56345E-02	.94363E-01	.78420E-04
110	-.99034E-01	-.60859E-02	.90127E-01	.00000E+00
111	-.10141E+00	-.63752E-02	.96359E-01	.00000E+00
112	-.10111E+00	-.55299E-02	.95017E-01	.70317E-04
113	-.10061E+00	-.54557E-02	.92594E-01	.00000E+00
114	-.10232E+00	-.59004E-02	.95427E-01	.26387E-04
115	-.10258E+00	-.59241E-02	.95729E-01	.75539E-05
116	-.10263E+00	-.58412E-02	.95761E-01	-.55757E-05
117	-.10204E+00	-.65352E-02	.97829E-01	.00000E+00
118	-.10250E+00	-.58313E-02	.95773E-01	-.15992E-04
119	-.10205E+00	-.58002E-02	.95727E-01	-.28304E-04
120	-.10285E+00	-.62353E-02	.97587E-01	.00000E+00
121	-.10115E+00	-.56873E-02	.95508E-01	-.50255E-04
122	-.10105E+00	-.52539E-02	.95600E-01	-.61530E-04
123	-.10089E+00	-.48633E-02	.95663E-01	-.70497E-04
124	-.10071E+00	-.44041E-02	.95728E-01	-.80910E-04
125	-.10046E+00	-.38747E-02	.95791E-01	-.93475E-04
126	-.99976E-01	-.28456E-02	.95896E-01	-.10870E-03
127	-.99444E-01	-.17282E-02	.95995E-01	-.11186E-03
128	-.98412E-01	.58635E-03	.96197E-01	-.93602E-04
129	-.97682E-01	.23318E-02	.96381E-01	-.63942E-04
130	-.97230E-01	.35171E-02	.96581E-01	-.28691E-04
131	-.97166E-01	.37793E-02	.96886E-01	.10337E-04
132	-.97423E-01	.29298E-02	.97158E-01	.20584E-04
133	-.97655E-01	.21945E-02	.97398E-01	.15700E-04
134	-.97787E-01	.16278E-02	.97594E-01	.10757E-04
135	-.97868E-01	.12201E-02	.97755E-01	.87664E-05
136	-.97924E-01	.84091E-03	.97871E-01	.89318E-05
137	-.97956E-01	.47405E-03	.97942E-01	.86266E-05
138	-.97979E-01	.74671E-04	.97980E-01	.96910E-05
139	-.97980E-01	.90497E-05	.97979E-01	.91518E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6800E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.63E-02	-9.76E-02	-3.21E-04	-3.41E+00	-1.52E-02	3.45E+00	3.35E+00	-3.47E+00	-44.70	-2.63E-02	-3.41E+00
	-303.00	4.18E-07	-2.82E-06	1.60E-06	-3.10E-04	-1.38E-06	3.13E-04	1.54E-04	-1.56E-04			
2	72.00	-5.33E-02	-1.36E-01	6.58E-02	-2.87E+00	-9.56E-04	2.95E+00	2.77E+00	-2.96E+00	-44.59	-5.33E-02	-2.87E+00
	-213.00	-8.23E-07	-4.57E-06	4.59E-06	-2.61E-04	-8.69E-08	2.68E-04	1.28E-04	-1.33E-04			
3	72.00	-4.53E-01	-1.64E-01	1.60E-01	-1.91E+00	2.00E-01	2.09E+00	1.61E+00	-2.23E+00	-47.16	-4.53E-01	-1.91E+00
	-138.00	-7.90E-06	-1.32E-06	6.04E-06	-8.70E-05	9.11E-06	9.49E-05	3.90E-05	-4.82E-05			
4	24.00	-2.45E+00	-1.42E+00	-1.60E+00	-3.59E+00	6.60E-01	3.98E+00	1.69E+00	-5.57E+00	-49.09	-2.45E+00	-3.59E+00
	-68.00	-3.20E-05	7.71E-06	-6.91E-06	-2.76E-04	5.08E-05	3.06E-04	1.27E-04	-1.52E-04			
5	72.00	8.56E-01	4.76E-01	1.06E+00	-1.59E+00	-4.19E-02	1.67E+00	2.27E+00	-9.40E-01	-41.60	4.76E-01	1.59E+00
	-88.00	6.64E-06	-7.98E-06	1.45E-05	-1.23E-04	-3.22E-06	1.29E-04	6.11E-05	-6.24E-05			
6	120.00	4.77E-01	5.92E-01	7.04E-01	-3.03E+00	-1.67E-01	2.98E+00	3.51E+00	-2.54E+00	-45.07	-2.49E+00	5.54E-01
	-68.00	-4.24E-08	5.47E-07	8.69E-06	-2.33E-04	-1.28E-05	2.29E-04	1.17E-04	-1.16E-04			
7	36.25	-9.27E-01	-3.11E-01	-1.67E-01	-1.74E+00	2.26E-01	1.66E+00	1.19E+00	-2.33E+00	-49.22	-7.67E-01	-1.75E+00
	-18.00	-1.75E-05	2.38E-06	7.92E-06	-1.34E-04	1.74E-05	1.28E-04	6.01E-05	-7.52E-05			
8	108.00	9.63E-02	1.60E-01	3.39E-01	-1.31E+00	6.30E-04	1.46E+00	1.44E+00	-1.18E+00	-45.70	9.63E-02	-1.31E+00
	-18.00	-2.84E-06	-3.75E-07	6.48E-06	-1.01E-04	4.85E-08	1.12E-04	4.88E-05	-5.20E-05			
9	216.00	-1.93E-01	-2.81E-01	-1.29E-01	-3.42E+00	2.91E-02	3.53E+00	3.18E+00	-3.65E+00	-44.63	-1.93E-01	-3.42E+00
	-303.00	-9.47E-07	-4.53E-06	1.97E-06	-3.11E-04	2.65E-06	3.20E-04	1.52E-04	-1.56E-04			
10	216.00	-2.65E-01	-2.91E-01	-3.07E-02	-2.94E+00	9.46E-02	3.08E+00	2.67E+00	-3.22E+00	-44.87	-2.65E-01	-2.94E+00
	-213.00	-4.43E-06	-5.61E-06	6.22E-06	-2.68E-04	8.60E-06	2.80E-04	1.29E-04	-1.39E-04			
11	216.00	-4.25E-01	-2.44E-01	3.32E-01	-2.27E+00	2.91E-01	2.44E+00	1.94E+00	-2.60E+00	-46.14	-4.25E-01	-2.27E+00

	-138.00	-7.89E-06	-2.79E-06	5.32E-06	-1.03E-04	1.32E-05	1.11E-04	4.58E-05	-5.74E-05				
12	168.00	-1.12E+00	-1.11E+00	-6.66E-01	-3.51E+00	5.32E-01	3.62E+00	2.39E+00	-4.62E+00	-45.03	-1.12E+00	-3.51E+00	
	-68.00	-1.32E-05	-1.09E-05	6.20E-04	-2.70E-04	4.09E-05	2.79E-04	1.24E-04	-1.46E-04				
13	216.00	1.11E+00	4.50E-01	1.10E+00	-1.45E+00	6.54E-02	1.44E+00	2.27E+00	-7.10E-01	-38.63	4.50E-01	1.45E+00	
	-88.00	1.25E-05	-1.20E-05	1.54E-05	-1.12E-04	5.03E-06	1.11E-04	5.71E-05	-5.74E-05				
14	264.00	1.01E-01	4.55E-01	6.82E-01	-2.96E+00	-5.42E-02	3.04E+00	3.24E+00	-2.65E+00	-46.71	-2.60E+00	7.08E-01	
	-68.00	-9.71E-06	3.90E-06	1.26E-05	-2.28E-04	-4.17E-06	2.34E-04	1.11E-04	-1.17E-04				
15	180.00	-2.85E-01	-5.31E-02	2.36E-01	-1.54E+00	3.57E-01	1.45E+00	1.37E+00	-1.71E+00	-47.16	-2.85E-01	-1.54E+00	
	-10.00	-9.84E-06	-5.12E-07	1.02E-05	-1.18E-04	2.75E-05	1.12E-04	5.39E-05	-6.47E-05				
16	252.00	-1.79E-01	9.01E-02	4.39E-01	-1.25E+00	1.39E-01	1.53E+00	1.20E+00	-1.30E+00	-47.97	-1.79E-01	-1.25E+00	
	-30.00	-1.06E-05	-6.50E-07	1.31E-05	-9.60E-05	1.07E-05	1.17E-04	4.26E-05	-5.39E-05				
17	361.00	-2.63E-01	-4.57E-01	-2.02E-01	-3.45E+00	1.66E-02	3.68E+00	3.09E+00	-3.81E+00	-44.20	-2.63E-01	-3.45E+00	
	-303.00	1.49E-08	-8.73E-06	2.78E-06	-3.13E-04	1.51E-06	3.35E-04	1.52E-04	-1.61E-04				
18	361.00	-3.15E-01	-4.34E-01	-5.17E-02	-3.10E+00	7.67E-02	3.30E+00	2.72E+00	-3.47E+00	-44.45	-3.15E-01	-3.10E+00	
	-213.00	-3.91E-06	-9.33E-06	8.04E-06	-2.81E-04	6.97E-06	3.00E-04	1.34E-04	-1.47E-04				
19	361.00	-4.61E-01	-3.40E-01	4.41E-01	-2.45E+00	2.97E-01	2.77E+00	2.05E+00	-2.85E+00	-45.70	-4.61E-01	-2.42E+00	
	-138.00	-8.59E-06	-5.84E-06	1.19E-05	-1.12E-04	1.35E-05	1.26E-04	4.86E-05	-6.30E-05				
20	312.00	-1.96E+00	-1.67E+00	-1.06E+00	-3.98E+00	9.04E-01	4.42E+00	2.17E+00	-5.80E+00	-46.01	-1.96E+00	-3.98E+00	
	-68.00	-2.37E-05	-1.28E-05	1.07E-05	-3.06E-04	6.95E-05	3.40E-04	1.35E-04	-1.71E-04				
21	360.67	1.79E+00	1.05E+00	1.77E+00	-1.91E+00	-1.51E-02	2.13E+00	3.36E+00	-5.20E-01	-39.53	1.05E+00	1.91E+00	
	-88.00	1.82E-05	-1.02E-05	1.74E-05	-1.47E-04	-1.47E-06	1.64E-04	7.87E-05	-7.07E-05				
22	409.33	-1.08E+00	-1.50E+00	-4.75E-01	-3.77E+00	3.15E-02	4.72E+00	2.49E+00	-5.06E+00	-43.39	-5.02E+00	5.71E-01	
	-68.00	-7.87E-06	-2.42E-05	1.53E-05	-2.90E-04	2.43E-06	3.63E-04	1.29E-04	-1.61E-04				
23	324.00	-6.08E-01	-1.13E-01	3.26E-01	-1.59E+00	6.36E-01	1.55E+00	1.25E+00	-1.97E+00	-49.42	-6.08E-01	-1.59E+00	
	-10.00	-1.91E-05	-7.91E-09	1.69E-05	-1.23E-04	4.69E-05	1.19E-04	5.25E-05	-7.16E-05				
24	372.00	-3.86E-01	2.29E-01	6.37E-01	-4.08E+00	6.06E-01	4.33E+00	4.02E+00	-4.17E+00	-47.15	-3.86E-01	-4.08E+00	
	-9.33	-2.01E-05	3.54E-06	1.92E-05	-3.14E-04	4.66E-05	3.33E-04	1.49E-04	-1.66E-04				
25	401.25	-1.52E-01	6.84E-02	7.29E-01	-1.34E+00	2.14E-01	1.80E+00	1.31E+00	-1.39E+00	-47.35	1.11E+00	-6.95E-01	
	-10.00	-1.29E-05	-4.45E-06	2.09E-05	-1.03E-04	1.64E-05	1.39E-04	4.31E-05	-6.05E-05				
26	427.67	-2.08E+00	-2.07E+00	-9.88E-01	-4.58E+00	8.17E-01	6.14E+00	2.50E+00	-6.65E+00	-45.02	-4.78E+00	-3.69E+00	
	-9.33	-2.34E-05	-2.32E-05	1.84E-05	-3.52E-04	6.29E-05	4.72E-04	1.53E-04	-1.99E-04				
27	457.00	-3.11E-01	-6.73E-01	-2.99E-01	-3.46E+00	-1.66E-02	3.77E+00	2.98E+00	-3.96E+00	-43.50	-3.11E-01	-3.46E+00	
	-303.00	2.53E-06	-1.40E-05	3.09E-06	-3.15E-04	-1.51E-06	3.43E-04	1.52E-04	-1.63E-04				
28	457.00	-2.73E-01	-5.16E-01	-5.11E-02	-3.26E+00	2.40E-02	3.46E+00	2.86E+00	-3.65E+00	-43.93	-2.73E-01	-3.26E+00	
	-213.00	-1.50E-06	-1.26E-05	8.60E-06	-2.96E-04	2.18E-06	3.15E-04	1.41E-04	-1.55E-04				
29	457.00	-6.71E-01	-4.56E-01	3.46E-01	-2.61E+00	-7.39E-02	2.83E+00	2.05E+00	-3.18E+00	-46.18	-6.71E-01	-2.61E+00	
	-138.00	-1.12E-05	-6.26E-06	1.20E-05	-1.19E-04	-3.36E-06	1.29E-04	5.07E-05	-6.81E-05				
30	442.00	-1.12E+00	-2.57E+00	-9.62E-01	-4.53E+00	-1.01E-01	5.03E+00	2.74E+00	-6.43E+00	-40.45	-1.12E+00	-4.53E+00	
	-68.00	7.99E-06	-4.77E-05	1.42E-05	-3.48E-04	-7.78E-06	3.87E-04	1.56E-04	-1.96E-04				
31	457.33	5.29E+00	2.25E+00	3.46E+00	-1.54E+00	-2.39E+00	2.65E+00	5.93E+00	1.60E+00	-22.74	2.25E+00	1.54E+00	
	-88.00	8.25E-05	-3.43E-05	1.21E-05	-1.19E-04	-1.84E-04	2.04E-04	1.07E-04	-5.92E-05				
32	472.67	-8.98E+00	-8.02E+00	-6.37E+00	-3.87E+00	1.48E+00	6.33E+00	-4.60E+00	-1.24E+01	-48.54	-1.14E+01	-2.64E+00	
	-68.00	-8.96E-05	-5.16E-05	1.17E-05	-2.98E-04	1.14E-04	4.87E-04	7.99E-05	-2.20E-04				
33	443.00	-7.72E-01	-6.53E-01	2.01E-01	-2.35E+00	3.00E-01	2.42E+00	1.62E+00	-3.08E+00	-45.48	-7.72E-01	-2.35E+00	
	-10.50	-1.59E-05	-1.23E-05	2.16E-05	-1.81E-04	2.30E-05	1.86E-04	7.61E-05	-1.05E-04				
34	454.00	-7.30E+00	-5.79E+00	-4.58E+00	-5.88E+00	1.76E+00	7.79E+00	-6.15E-01	-1.25E+01	-48.66	-9.65E+00	-5.06E+00	
	-11.33	-8.67E-05	-2.85E-05	1.81E-05	-4.52E-04	1.35E-04	5.99E-04	1.71E-04	-2.86E-04				
35	461.67	-2.30E+00	-3.12E+00	-1.52E+00	-5.56E+00	4.53E-01	8.08E+00	2.87E+00	-8.25E+00	-42.91	-2.30E+00	-5.56E+00	
	-12.00	-1.23E-05	-4.36E-05	1.78E-05	-4.28E-04	3.48E-05	6.22E-04	1.87E-04	-2.43E-04				
36	469.00	4.46E+00	1.57E+00	3.11E+00	-5.28E-01	-2.10E+00	3.23E+00	4.55E+00	1.47E+00	-10.05	1.57E+00	5.29E-01	
	-30.00	7.10E-05	-4.01E-05	1.92E-05	-4.06E-05	-1.62E-04	2.49E-04	7.46E-05	-4.37E-05				
37	476.33	-3.89E+00	-5.49E+00	-3.06E+00	-3.83E+00	4.86E-01	6.65E+00	-7.77E-01	-8.60E+00	-39.10	-5.45E+00	-3.84E+00	
	-12.00	-1.29E-05	-7.44E-05	1.90E-05	-2.95E-04	3.74E-05	5.12E-04	1.07E-04	-1.94E-04				
38	558.50	1.56E-01	-1.63E-01	7.57E-02	-3.23E+00	-1.07E-01	3.63E+00	3.23E+00	-3.24E+00	-43.59	1.56E-01	-3.23E+00	
	-303.00	8.19E-06	-8.30E-06	2.55E-06	-2.93E-04	-9.77E-06	3.30E-04	1.46E-04	-1.48E-04				
39	558.50	-8.49E-02	-6.67E-01	-9.58E-02	-3.22E+00	-2.13E-01	3.52E+00	2.86E+00	-3.61E+00	-42.42	-8.48E-02	-3.22E+00	
	-213.00	7.17E-06	-1.93E-05	6.63E-06	-2.93E-04	-1.54E-05	3.20E-04	1.41E-04	-1.53E-04				
40	506.17	8.81E-02	-1.64E+00	1.28E-01	-7.25E+00	-4.40E-01	7.46E+00	6.52E+00	-8.08E+00	-41.59	8.81E-02	-7.25E+00	
	-138.00	9.49E-06	-2.99E-05	1.04E-05	-3.29E-04	-2.00E-05	3.39E-04	1.56E-04	-1.76E-04				
41	558.50	2.42E+00	-1.03E+00	8.09E-01	-3.13E+00	-1.75E+00	4.45E+00	4.27E+00	-2.88E+00	-30.59	-1.03E+00	3.13E+00	
	-148.00	4.34E-05	-3.49E-05	6.86E-06	-1.42E-04	-7.95E-05	2.02E-04	8.56E-05	-7.70E-05				
42	610.83	[illegible].46E-01	-1.73E+00	-2.66E-01	-6.22E+00	-1.27E+00	5.63E+00	5.21E+00	-7.30E+00	-41.82	-7.22E+00	9.63E-01	
	-138.00	[illegible]32E-06	-2.71E-05	6.27E-06	-2.83E-04	-5.77E-05	[illegible]E-04	1.31E-04	-1.53E-04				
43	501	[illegible]36E-01	6.29E-02	8.39E-01	-1.66E+00	-6.02E-01	[illegible]+00	2.10E+00	-1.30E+00	-39.28	7.36E-01	-1.	

	-78.	[illegible]03E-05	-1.55E-05	1.43E-05	-1.28E-04	-4.63E-05	[illegible]-04	6.26E-05	-6.75E-05					
44	534.[illegible]	[illegible]07E+00	-1.44E+00	-6.26E-01	-5.28E+00	-3.65E-01	[illegible]+00	4.03E+00	-6.53E+00	-43.99	-6.48E+00	7.32[illegible]		
	-68.00	[illegible].63E-06	-2.10E-05	1.045-05	-4.06E-04	-2.61E-05	[illegible]-04	1.89E-04	-2.17E-04					
45	584.67	9.47E-01	1.87E-01	7.905-01	-4.95E+00	-1.28E+00	4.69E+00	5.53E+00	-5.40E+00	-42.80	9.67E-01	-4.95E+00		
	-68.00	1.52E-05	-1.40E-05	9.48E-06	-3.81E-04	-9.81E-05	3.61E-04	1.91E-04	-1.90E-04					
46	610.83	5.14E+00	9.83E-01	2.55E+00	-2.65E+00	-2.45E+00	3.74E+00	6.43E+00	-3.07E-01	-25.95	9.83E-01	2.65E+00		
	-88.00	1.02E-04	-5.76E-05	3.025-06	-2.04E-04	-1.89E-04	2.88E-04	1.52E-04	-1.07E-04					
47	482.63	1.82E-01	-4.06E-01	7.23E-01	-1.23E+00	-6.31E-01	2.44E+00	1.15E+00	-1.37E+00	-38.27	1.82E-01	-1.23E+00		
	-21.00	1.52E-06	-2.11E-05	2.23E-05	-9.44E-05	-4.86E-05	1.89E-04	3.88E-05	-5.83E-05					
48	485.83	-2.21E+00	-3.39E+00	-1.60E+00	-3.56E+00	-9.10E-02	7.41E+00	8.13E-01	-6.41E+00	-40.31	-2.67E+00	-3.61E+00		
	-12.00	-5.89E-06	-5.11E-05	1.75E-05	-2.74E-04	-7.00E-06	5.70E-04	1.10E-04	-1.67E-04					
49	507.88	1.08E-01	2.56E-02	7.90E-01	-1.33E+00	-3.71E-01	2.66E+00	1.40E+00	-1.27E+00	-44.11	1.08E-01	-1.33E+00		
	-21.00	-5.98E-06	-9.17E-06	2.02E-05	-1.02E-04	-2.86E-05	2.05E-04	4.37E-05	-5.88E-05					
50	538.67	-9.68E-01	-9.23E-01	-3.00E-01	-4.71E+00	-1.70E+00	5.67E+00	3.77E+00	-5.66E+00	-45.14	-5.63E+00	4.78E-01		
	-10.00	-1.32E-05	-1.14E-05	1.26E-05	-3.62E-04	-1.30E-04	4.36E-04	1.69E-04	-1.94E-04					
51	484.67	1.50E+01	1.04E+01	1.11E+01	3.49E-01	-1.09E+00	8.02E-01	1.50E+01	1.03E+01	4.30	1.04E+01	-3.48E-01		
	8.00	1.75E-04	-1.86E-06	2.66E-05	2.68E-05	-8.38E-05	6.17E-05	1.76E-04	-2.86E-06					
52	507.00	-3.51E+00	-4.32E+00	-2.35E+00	-2.39E+00	-7.74E-01	-2.10E+00	-1.49E+00	-6.34E+00	-40.16	-5.80E+00	-1.53E+00		
	0.00	-2.31E-05	-5.45E-05	2.16E-05	-1.84E-04	-5.95E-05	-1.61E-04	5.44E-05	-1.32E-04					
53	603.00	-6.40E-03	3.35E-03	1.74E-01	-1.95E+00	-8.42E-01	1.89E+00	1.95E+00	-1.95E+00	-45.07	1.21E+00	-1.53E+00		
	-18.00	-2.12E-06	-1.75E-06	4.60E-06	-1.50E-04	-6.47E-05	1.45E-04	7.30E-05	-7.69E-05					
54	712.00	2.26E-01	-3.45E-01	-2.57E-02	-3.03E+00	-2.64E-01	3.07E+00	2.98E+00	-3.10E+00	-42.30	2.26E-01	-3.03E+00		
	-303.00	1.22E-05	-1.33E-05	7.14E-07	-2.75E-04	-2.40E-05	2.79E-04	1.37E-04	-1.39E-04					
55	712.00	1.68E+00	8.03E-01	9.88E-01	-3.32E+00	-8.37E-01	3.00E+00	4.59E+00	-2.11E+00	-41.24	1.68E+00	-3.32E+00		
	-213.00	3.13E-05	-8.57E-06	-1.61E-07	-3.02E-04	-7.61E-05	2.73E-04	1.64E-04	-1.41E-04					
56	712.00	2.27E+00	1.05E+00	8.58E-01	-2.50E+00	-1.93E+00	2.35E+00	4.23E+00	-9.11E-01	-38.14	2.27E+00	-2.50E+00		
	-138.00	2.96E-05	1.94E-06	-2.39E-06	-1.13E-04	-8.78E-05	1.07E-04	7.42E-05	-4.26E-05					
57	712.00	6.63E-01	-1.69E-02	1.52E-01	-1.59E+00	-7.86E-01	1.80E+00	1.95E+00	-1.30E+00	-38.97	6.63E-01	-1.59E+00		
	-78.00	1.67E-05	-9.42E-06	-2.92E-06	-1.22E-04	-6.05E-05	1.39E-04	6.62E-05	-5.89E-05					
58	712.00	8.14E-01	4.45E-01	3.77E-01	-2.15E+00	-6.89E-01	2.17E+00	2.79E+00	-1.53E+00	-42.55	8.14E-01	-2.15E+00		
	-18.00	1.33E-05	-8.46E-07	-3.49E-06	-1.66E-04	-5.30E-05	1.67E-04	8.93E-05	-7.68E-05					
59	837.00	8.57E+00	4.71E+00	5.31E+00	-2.53E+00	-1.58E+00	2.63E+00	9.92E+00	3.45E+00	-26.36	4.71E+00	2.53E+00		
	-318.00	1.48E-04	-2.73E-05	.00E+00	-2.30E-04	-1.44E-04	2.39E-04	2.05E-04	-8.44E-05					
60	887.00	1.14E+00	-2.67E-02	4.45E-01	-6.79E+00	-6.00E-01	5.90E+00	7.37E+00	-6.25E+00	-42.54	-5.71E+00	2.68E+00		
	-288.00	3.16E-05	-2.15E-05	.00E+00	-6.17E-04	-5.46E-05	5.36E-04	3.15E-04	-3.05E-04					
61	987.00	-1.58E+00	-1.12E+00	-1.08E+00	-6.89E+00	3.45E-01	5.47E+00	5.54E+00	-8.24E+00	-45.94	-1.58E+00	-6.89E+00		
	-288.00	-2.25E-05	-2.03E-06	.00E+00	-6.26E-04	3.13E-05	4.98E-04	3.01E-04	-3.26E-04					
62	1037.00	8.48E+00	5.07E+00	5.42E+00	-5.04E+00	-1.32E+00	4.41E+00	1.21E+01	1.45E+00	-35.67	5.07E+00	5.04E+00		
	-318.00	1.39E-04	-1.58E-05	.00E+00	-4.59E-04	-1.20E-04	4.01E-04	3.04E-04	-1.80E-04					
63	962.00	1.91E-01	4.20E-02	-7.31E-02	-3.44E+00	-1.85E-01	3.04E+00	3.56E+00	-3.33E+00	-44.38	1.91E-01	-3.44E+00		
	-213.00	6.59E-06	-1.35E-07	-5.41E-06	-3.13E-04	-1.68E-05	2.77E-04	1.60E-04	-1.53E-04					
64	1012.00	-4.37E-01	-3.31E-01	-4.88E-01	-3.70E+00	8.97E-02	3.09E+00	3.32E+00	-4.09E+00	-45.41	-4.37E-01	-3.70E+00		
	-213.00	-3.55E-06	1.26E-06	-5.86E-06	-3.37E-04	8.16E-06	2.81E-04	1.67E-04	-1.69E-04					
65	837.00	-2.20E-02	1.83E-01	-4.68E-01	-2.63E+00	-3.95E-01	3.17E+00	2.72E+00	-2.56E+00	-46.11	1.83E-01	2.63E+00		
	-148.00	1.11E-06	5.77E-06	-9.03E-06	-1.20E-04	-1.80E-05	1.44E-04	6.33E-05	-5.65E-05					
66	937.00	4.57E-01	5.86E-02	-3.07E-01	-4.60E+00	-3.62E-01	3.77E+00	4.86E+00	-4.35E+00	-43.76	-3.06E+00	3.19E+00		
	-128.00	9.29E-06	2.38E-07	-8.07E-06	-2.09E-04	-1.64E-05	1.71E-04	1.09E-04	-9.99E-05					
67	1037.00	4.29E+00	7.93E-01	1.01E+00	-4.42E+00	-1.53E+00	4.21E+00	7.30E+00	-2.21E+00	-34.21	7.93E-01	4.42E+00		
	-148.00	6.56E-05	-1.40E-05	-8.93E-06	-2.01E-04	-6.95E-05	1.91E-04	1.34E-04	-8.23E-05					
68	837.00	1.35E+00	1.11E+00	7.17E-01	-5.01E+00	-7.45E-01	4.28E+00	6.24E+00	-3.78E+00	-44.31	1.35E+00	-5.01E+00		
	-68.00	1.70E-05	7.81E-06	-7.36E-06	-3.85E-04	-5.73E-05	3.29E-04	2.05E-04	-1.80E-04					
69	937.00	1.73E+00	-2.29E-01	1.86E-01	-2.69E+00	-8.11E-01	2.41E+00	3.62E+00	-2.11E+00	-34.98	-2.29E-01	2.69E+00		
	-88.00	4.81E-05	-2.74E-05	-1.14E-05	-2.07E-04	-6.24E-05	1.86E-04	1.21E-04	-9.98E-05					
70	1037.00	5.78E-02	-7.18E-01	-6.41E-01	-4.58E+00	1.53E-01	4.92E+00	4.27E+00	-4.93E+00	-42.58	-3.77E+00	3.05E+00		
	-68.00	1.65E-05	-1.33E-05	-1.03E-05	-3.52E-04	1.18E-05	3.79E-04	1.78E-04	-1.75E-04					
71	862.00	1.13E+00	6.13E-01	3.28E-01	-2.12E+00	-6.76E-01	2.08E+00	3.01E+00	-1.25E+00	-41.53	1.13E+00	-2.12E+00		
	-18.00	2.07E-05	5.44E-07	-1.03E-05	-1.63E-04	-5.20E-05	1.60E-04	9.28E-05	-7.11E-05					
72	1012.00	-2.77E-01	-5.32E-01	-7.52E-01	-2.32E+00	7.79E-02	1.92E+00	1.92E+00	-2.73E+00	-43.43	-2.77E-01	-2.32E+00		
	-18.00	6.49E-06	-3.31E-06	-1.18E-05	-1.78E-04	5.95E-06	1.47E-04	9.08E-05	-8.77E-05					
73	1387.00	-4.54E-01	-4.79E-01	-4.39E-01	-2.75E+00	-3.52E-03	2.03E+00	2.28E+00	-3.21E+00	-44.67	-4.54E-01	-2.75E+00		
	-303.00	-2.81E-06	-3.96E-06	-2.15E-06	-2.50E-04	-3.20E-07	1.94E-04	1.22E-04	-1.26E-04					
74	1387.00	-3.39E-02	8.26E-02	-1.95E-01	-2.91E+00	-6.11E-02	2.00E+00	2.93E+00	-2.88E+00	-45.57	-3.38E-02	-2.91E+00		
	-213.00	3.67E-07	5.66E-06	-6.97E-06	-2.64E-04	-5.56E-06	1.82E-04	1.35E-04	-1.29E-04					
75	1387.00	6.76E-02	-1.69E-01	-6.26E-01	-2.14E+00	-2.15E-01	1.37E+00	2.09E+00	-2.19E+00	-43.42	6.76E-02	-2.14E+00		

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3704

	-138.00	5.35E-06	-2.26E-08	-1.04E-05	-9.72E-05	-9.75E-06	6.21E-05	5.14E-05	-4.61E-05				
76	1187.00	8.12E-01	5.90E-01	2.30E-01	-3.22E+00	-5.62E-01	1.58E+00	3.95E+00	-2.55E+00	-44.01	8.12E-01	-3.29E+00	
	-68.00	1.34E-05	4.62E-06	-9.03E-06	-2.53E-04	-4.32E-05	1.21E-04	1.36E-04	-1.18E-04				
77	1387.00	9.39E-01	6.01E-01	1.17E-01	-1.64E+00	-4.24E-01	1.33E+00	2.46E+00	-8.36E-01	-42.75	6.81E-01	1.64E+00	
	-88.00	1.70E-05	7.10E-06	-1.46E-05	-1.26E-04	-3.26E-05	1.02E-04	7.54E-05	-5.13E-05				
78	1587.00	2.83E-01	1.73E-01	-2.91E-01	-2.09E+00	-1.06E-02	5.00E-01	2.32E+00	-1.86E+00	-44.25	-6.27E-01	1.91E+00	
	-68.00	8.97E-06	4.73E-06	-1.27E-05	-1.61E-04	-9.18E-07	6.52E-05	8.73E-05	-7.36E-05				
79	1237.00	1.27E+00	4.77E-01	2.08E-01	-1.79E+00	-6.03E-01	1.18E+00	2.71E+00	-9.56E-01	-38.73	1.27E+00	-1.79E+00	
	-18.00	2.74E-05	-3.16E-06	-1.35E-05	-1.37E-04	-4.64E-05	9.04E-05	8.26E-05	-5.83E-05				
80	1433.80	7.70E-01	2.07E-01	-1.45E-01	-2.11E+00	-2.96E-01	9.96E-01	2.61E+00	-1.64E+00	-41.19	7.70E-01	-2.11E+00	
	-8.00	2.05E-05	-1.18E-06	-1.47E-05	-1.62E-04	-2.27E-05	6.89E-05	9.14E-05	-7.21E-05				
81	1533.80	1.27E+00	2.77E-01	8.55E-02	-1.21E+00	-2.46E-01	5.62E-01	2.09E+00	-5.38E-01	-33.88	2.77E-01	1.21E+00	
	-28.00	3.09E-05	-7.29E-06	-1.47E-05	-9.34E-05	-1.89E-05	4.32E-05	6.23E-05	-3.87E-05				
82	1633.80	1.36E+00	4.59E-01	2.25E-01	-4.54E-01	-3.32E-02	1.35E-01	1.55E+00	2.70E-01	-22.67	2.72E-01	4.59E-02	
	-8.00	2.97E-05	-4.76E-06	-1.39E-05	-3.49E-05	-2.55E-06	1.04E-05	3.70E-05	-1.20E-05				
83	1433.80	5.23E+00	2.24E+00	2.37E+00	-1.36E+00	-1.46E+00	6.56E-01	5.76E+00	1.71E+00	-21.19	2.24E+00	1.36E+00	
	27.60	9.30E-05	-2.19E-05	-1.71E-05	-1.05E-04	-1.12E-04	5.05E-05	1.13E-04	-4.22E-05				
84	1296.10	1.86E+00	2.31E-01	2.44E-01	-1.47E+00	-6.98E-01	7.95E-01	2.73E+00	-6.37E-01	-30.52	1.14E+00	1.68E+00	
	40.70	4.60E-05	-1.69E-05	-1.63E-05	-1.13E-04	-5.37E-05	6.11E-05	7.94E-05	-5.02E-05				
85	1148.60	8.59E-01	-3.72E-01	-2.56E-01	-2.00E+00	-7.89E-01	5.91E-01	2.33E+00	-1.84E+00	-36.43	-1.51E+00	-1.13E+00	
	57.33	3.08E-05	-1.68E-05	-1.24E-05	-1.54E-04	-6.07E-05	4.55E-05	8.72E-05	-7.35E-05				
86	1131.40	6.59E+00	3.26E+00	3.16E+00	-6.97E-01	-2.61E+00	1.21E-01	6.73E+00	3.12E+00	-11.36	3.26E+00	6.97E-01	
	112.00	1.10E-04	-1.74E-05	-2.13E-05	-5.36E-05	-2.01E-04	9.28E-06	1.16E-04	-2.30E-05				
87	1019.80	1.98E+00	6.42E-01	4.99E-01	-2.07E+00	-9.63E-01	3.06E+00	3.41E+00	-8.97E-01	-36.69	6.42E-01	2.07E+00	
	34.67	3.90E-05	-8.47E-06	-1.40E-05	-1.59E-04	-7.41E-05	2.36E-04	9.82E-05	-6.77E-05				
88	886.60	9.69E-01	2.97E-01	1.19E-01	-1.69E+00	-4.73E-01	1.88E+00	2.36E+00	-1.09E+00	-39.37	9.69E-01	-1.69E+00	
	46.00	2.21E-05	-3.81E-06	-1.06E-05	-1.30E-04	-3.64E-05	1.45E-04	7.54E-05	-5.71E-05				
89	869.80	4.42E+00	1.97E+00	2.06E+00	-9.02E-01	-1.41E+00	7.65E-01	4.72E+00	1.67E+00	-18.14	1.97E+00	9.02E-01	
	96.00	7.73E-05	-1.72E-05	-1.36E-05	-6.94E-05	-1.09E-04	5.88E-05	8.86E-05	-2.86E-05				
90	952.60	7.68E-01	-2.12E+00	-9.95E-01	-2.56E+00	-7.79E-01	1.85E+00	2.26E+00	-3.62E+00	-30.27	-2.97E+00	1.84E+00	
	128.00	5.54E-05	-5.59E-05	-1.24E-05	-1.97E-04	-5.99E-05	1.43E-04	1.13E-04	-1.13E-04				
91	869.80	1.27E+00	1.35E-01	1.85E-01	-1.16E+00	-7.83E-01	4.78E-01	2.00E+00	-5.90E-01	-31.95	1.27E+00	-1.16E+00	
	160.00	3.14E-05	-1.23E-05	-1.04E-05	-8.93E-05	-6.02E-05	3.68E-05	5.93E-05	-4.02E-05				
92	869.80	6.09E+00	2.05E+00	2.57E+00	-5.81E-01	-2.73E+00	7.10E-01	6.17E+00	1.97E+00	-8.03	2.05E+00	5.81E-01	
	203.60	1.15E-04	-3.88E-05	-1.89E-05	-4.47E-05	-2.10E-04	5.46E-05	1.20E-04	-4.19E-05				
93	598.67	-2.12E-01	-1.83E-02	-6.11E-02	-3.37E+00	-1.83E+00	3.88E+00	3.26E+00	-3.49E+00	-45.82	-1.83E-02	3.37E+00	
	16.00	-4.96E-06	2.50E-06	8.54E-07	-2.60E-04	-1.41E-04	2.99E-04	1.29E-04	-1.31E-04				
94	645.75	6.31E-01	3.10E-01	3.65E-01	-2.16E+00	-7.72E-01	1.91E+00	2.63E+00	-1.69E+00	-42.87	6.31E-01	-2.16E+00	
	24.00	9.92E-06	-2.44E-06	-3.05E-07	-1.66E-04	-5.93E-05	1.47E-04	8.70E-05	-7.95E-05				
95	613.10	8.16E-01	1.17E+00	9.08E-01	-3.69E+00	-7.03E-01	7.19E-01	4.68E+00	-2.69E+00	-46.39	8.16E-01	-3.69E+00	
	69.33	-4.58E-07	1.33E-05	3.07E-06	-2.83E-04	-5.41E-05	5.53E-05	1.48E-04	-1.35E-04				
96	708.45	1.18E+00	2.44E-01	3.61E-01	-1.72E+00	-7.85E-01	1.53E+00	2.50E+00	-1.07E+00	-37.37	1.32E+00	1.68E+00	
	56.00	2.59E-05	-1.03E-05	-5.79E-06	-1.33E-04	-6.04E-05	1.17E-04	7.65E-05	-6.09E-05				
97	613.10	3.35E+00	1.55E+00	1.71E+00	-1.16E+00	-2.30E+00	9.08E-01	3.92E+00	9.85E-01	-26.09	1.55E+00	1.16E+00	
	96.00	5.61E-05	-1.30E-05	-6.81E-06	-8.90E-05	-1.77E-04	6.99E-05	7.79E-05	-3.48E-05				
98	682.27	1.20E+00	3.07E-01	3.79E-01	-2.39E+00	-7.09E-01	1.68E+00	3.18E+00	-1.68E+00	-39.72	-1.38E+00	1.16E+00	
	112.00	2.53E-05	-8.86E-06	-6.12E-06	-1.84E-04	-5.45E-05	1.29E-04	1.02E-04	-8.51E-05				
99	751.43	3.96E+00	-9.46E-01	7.94E-01	-2.65E+00	-1.96E+00	3.49E+00	5.03E+00	-2.12E+00	-23.88	-9.46E-01	2.65E+00	
	96.00	1.08E-04	-7.71E-05	-1.02E-05	-2.04E-04	-1.50E-04	2.68E-04	1.53E-04	-1.22E-04				
100	683.25	1.07E+00	2.34E-01	2.41E-01	-8.79E-01	-5.39E-01	1.17E+00	1.63E+00	-3.20E-01	-32.24	1.07E+00	-8.79E-01	
	152.00	2.43E-05	-8.01E-06	-7.74E-06	-6.76E-05	-4.15E-05	8.96E-05	4.56E-05	-2.93E-05				
101	648.67	5.43E+00	2.62E+00	2.84E+00	-5.57E-01	-1.51E+00	7.89E-01	5.54E+00	2.51E+00	-10.81	2.62E+00	5.57E-01	
	192.00	8.92E-05	-1.89E-05	-1.04E-05	-4.29E-05	-1.16E-04	6.07E-05	9.33E-05	-2.30E-05				
102	725.25	8.39E-01	-4.56E-01	-1.95E-01	-9.52E-01	-3.95E-01	8.14E-01	1.34E+00	-9.60E-01	-27.89	1.44E-01	1.15E+00	
	232.70	3.02E-05	-1.96E-05	-9.55E-06	-7.32E-05	-3.03E-05	6.26E-05	4.96E-05	-3.90E-05				
103	635.50	7.69E-01	8.08E-01	3.42E-01	-3.56E-02	-3.02E-01	-9.20E-02	8.29E-01	7.48E-01	-59.22	7.69E-01	-3.56E-02	
	256.00	8.51E-06	9.99E-06	-7.95E-06	-2.74E-06	-2.32E-05	-7.08E-06	1.08E-05	7.69E-06				
104	635.50	1.99E+00	1.34E+00	8.74E-01	5.24E-02	-1.03E+00	5.55E-02	2.00E+00	1.34E+00	4.58	1.34E+00	-5.24E-02	
	290.67	3.04E-05	5.35E-06	-1.26E-05	4.03E-06	-7.94E-05	4.27E-06	3.05E-05	5.19E-06				
105	560.00	-4.19E-01	-4.93E-02	8.68E-02	-3.56E+00	-1.12E+00	3.31E+00	3.33E+00	-3.80E+00	-46.48	-4.19E-01	-3.56E+00	
	16.50	-1.19E-05	2.28E-06	7.54E-06	-2.74E-04	-8.59E-05	2.55E-04	1.32E-04	-1.42E-04				
106	508.50	[illegible].44E+00	-4.30E+00	-3.90E+00	-2.43E+00	-2.56E+00	1.01E+00	-2.72E+00	-8.03E+00	-56.88	-4.30E+00	2.43E+00	
	13.00	[illegible].69E-05	-4.50E-06	1.08E-05	-1.87E-04	-1.57E-04	[illegible]-05	5.65E-05	-1.48E-04				
107	521	[illegible]01E+00	-9.54E-01	-5.10E-01	-3.43E+00	-9.29E-01	[illegible]+00	2.07E+00	-4.83E+00	-48.56	-1.81E+00	-3.[illegible]	

	1[illegible]	[illegible].36E-05	-7.1[illegible]E-07	1.53E-05	-2.63E-04	-7.15E-05	[illegible]E-04	1.16E-04	-1.50E-04				
108	526.[illegible]	1.54E+00	-7.51E-01	-4.26E-01	-3.79E+00	-7.83E-01	[illegible]2E+00	2.64E+00	-4.97E+00	-47.64	-1.54E+00	-3.79[illegible]	
	21.00	-2.91E-05	-7.23E-08	1.40E-05	-2.91E-04	-6.02E-05	1.48E-04	1.32E-04	-1.61E-04				
109	51[illegible].50	-3.26E+00	-2.65E+00	-2.41E+00	-4.61E+00	-1.75E+00	1.03E+00	1.35E+00	-7.96E+00	-49.02	-2.66E+00	4.61E+00	
	28.00	-5.30E-05	-2.94E-06	6.33E-06	-3.55E-04	-1.35E-04	7.85E-05	1.51E-04	-2.07E-04				
110	531.50	-5.34E-01	-4.19E-01	-5.19E-02	-3.09E+00	-5.47E-01	1.64E+00	2.62E+00	-3.57E+00	-45.54	-5.34E-01	-3.09E+00	
	34.50	-9.52E-06	-5.05E-06	9.05E-06	-2.38E-04	-4.21E-05	1.26E-04	1.12E-04	-1.26E-04				
111	515.50	2.30E+00	3.60E+00	2.84E+00	-8.97E+00	-4.20E-01	2.82E-01	1.20E+01	-6.00E+00	-46.94	2.38E+00	-8.97E+00	
	44.00	-5.24E-06	4.16E-05	1.21E-05	-6.90E-04	-3.23E-05	2.17E-05	3.64E-04	-3.28E-04				
112	515.50	1.19E+00	6.55E-01	8.67E-01	-2.09E+00	-9.53E-01	8.27E-01	3.04E+00	-1.16E+00	-41.62	6.95E-01	2.08E+00	
	53.33	1.53E-05	-3.72E-06	3.65E-06	-1.60E-04	-7.33E-05	6.36E-05	8.65E-05	-7.50E-05				
113	547.50	1.32E+00	-6.23E-01	4.06E-01	-3.34E+00	-6.17E-01	3.06E+00	3.83E+00	-3.13E+00	-36.90	-1.65E+00	2.85E+00	
	64.00	3.87E-05	-3.60E-05	3.44E-06	-2.57E-04	-4.75E-05	2.35E-04	1.35E-04	-1.33E-04				
114	515.50	2.95E+00	3.18E+00	2.57E+00	-3.74E+00	-2.51E-01	1.03E+00	6.75E+00	-7.27E-01	-46.28	2.85E+00	-3.74E+00	
	74.67	1.50E-05	2.79E-05	4.32E-06	-2.87E-04	-1.53E-05	7.95E-05	1.65E-04	-1.22E-04				
115	515.50	5.86E+00	3.66E+00	3.88E+00	-1.35E+00	-7.75E-01	7.75E-01	6.50E+00	3.01E+00	-25.42	3.66E+00	1.35E+00	
	88.00	7.81E-05	-6.52E-06	1.97E-06	-1.04E-04	-5.96E-05	5.96E-05	1.03E-04	-3.12E-05				
116	547.50	3.20E+00	1.74E-01	1.45E+00	-4.18E+00	-5.64E-01	2.49E+00	6.19E+00	-2.74E+00	-34.83	-1.61E+00	2.96E+00	
	104.00	7.22E-05	-4.71E-05	1.66E-06	-3.22E-04	-4.34E-05	1.91E-04	1.84E-04	-1.59E-04				
117	515.50	1.12E+00	1.02E+00	7.91E-01	-2.97E+00	-6.10E-02	1.48E+00	4.05E+00	-1.90E+00	-44.53	1.12E+00	-2.97E+00	
	120.00	1.09E-05	7.10E-06	-1.83E-06	-2.29E-04	-4.69E-06	1.14E-04	1.23E-04	-1.05E-04				
118	515.50	4.19E+00	2.53E+00	2.57E+00	-1.15E+00	-3.43E-01	6.55E-01	4.78E+00	1.94E+00	-27.17	2.53E+00	1.15E+00	
	136.00	5.90E-05	-4.61E-06	-3.32E-06	-8.86E-05	-2.64E-05	5.04E-05	8.17E-05	-2.73E-05				
119	547.50	2.82E+00	6.78E-01	1.28E+00	-2.81E+00	-2.84E-01	1.45E+00	4.76E+00	-1.26E+00	-34.59	-5.19E-01	1.98E+00	
	152.00	5.58E-05	-2.64E-05	-3.13E-06	-2.16E-04	-2.18E-05	1.12E-04	1.30E-04	-1.03E-04				
120	515.50	1.33E+00	9.69E-01	6.58E-01	-1.98E+00	-2.75E-03	1.01E+00	3.13E+00	-8.39E-01	-42.42	1.33E+00	-1.98E+00	
	168.00	1.86E-05	4.82E-06	-7.15E-06	-1.52E-04	-2.12E-07	7.74E-05	8.81E-05	-6.47E-05				
121	515.50	5.37E+00	3.29E+00	3.20E+00	-9.10E-01	-2.83E-01	4.92E-01	5.71E+00	2.94E+00	-20.55	3.29E+00	9.10E-01	
	184.00	7.63E-05	-3.98E-06	-7.16E-06	-7.00E-05	-2.17E-05	3.78E-05	8.94E-05	-1.71E-05				
122	547.50	1.76E+00	-1.00E+00	5.86E-02	-3.13E+00	-1.89E-01	1.96E+00	3.80E+00	-3.04E+00	-33.07	-2.31E+00	2.11E+00	
	200.00	5.88E-05	-4.76E-05	-6.74E-06	-2.41E-04	-1.45E-05	1.51E-04	1.37E-04	-1.26E-04				
123	515.50	-7.95E-01	-1.43E+00	-1.32E+00	-1.43E+00	2.80E-01	1.32E+00	3.54E-01	-2.58E+00	-38.73	-7.95E-01	-1.43E+00	
	216.00	8.42E-06	-1.61E-05	-1.18E-05	-1.10E-04	2.15E-05	1.02E-04	5.26E-05	-6.03E-05				
124	515.50	1.70E+00	9.20E-01	6.91E-01	-3.84E-01	4.65E-01	3.25E-01	1.86E+00	7.63E-01	-22.28	9.20E-01	3.84E-01	
	232.00	2.90E-05	-9.91E-07	-9.80E-06	-2.95E-05	3.58E-05	2.50E-05	3.50E-05	-7.03E-06				
125	547.50	9.53E-01	4.85E-01	2.39E-01	-7.48E-01	2.48E-01	7.77E-01	1.50E+00	-6.45E-02	-36.32	1.61E-01	5.50E-01	
	248.00	1.82E-05	2.31E-07	-9.23E-06	-5.75E-05	1.91E-05	5.98E-05	3.94E-05	-2.09E-05				
126	515.50	-1.31E+00	-2.01E+00	-1.81E+00	1.32E-01	4.53E-01	1.32E+00	-1.28E+00	-2.04E+00	10.24	-1.31E+00	1.32E-01	
	264.00	6.14E-06	-2.11E-05	-1.33E-05	1.02E-05	3.48E-05	1.02E-04	7.06E-06	-2.20E-05				
127	515.50	9.50E-01	5.27E-01	2.93E-01	-1.67E-01	9.45E-01	1.80E-01	1.01E+00	4.69E-01	-19.17	5.27E-01	1.67E-01	
	276.00	1.71E-05	8.27E-07	-8.17E-06	-1.28E-05	7.27E-05	1.38E-05	1.93E-05	-1.41E-06				
128	531.50	-4.87E-01	-3.39E-01	-7.16E-01	-9.33E-02	4.06E-01	1.04E-01	-2.94E-01	-5.32E-01	-64.19	-4.87E-01	-9.33E-02	
	297.00	-1.78E-06	3.51E-06	-1.06E-05	-7.18E-06	3.12E-05	7.98E-06	5.64E-06	-3.51E-06				
129	515.50	-2.60E+00	-2.44E+00	-2.46E+00	4.53E-01	4.41E-01	9.16E-01	-2.06E+00	-2.98E+00	50.29	-2.60E+00	4.53E-01	
	320.00	-1.77E-05	-1.12E-05	-1.23E-05	3.48E-05	3.39E-05	7.05E-05	3.25E-06	-3.22E-05				
183	56[illegible].50	-6.46E-02	-9.09E-02	3.73E-01	-5.32E+00	-1.46E+00	4.24E+00	5.24E+00	-5.40E+00	-44.93	-6.46E-02	-5.32E+00	
	-8.00	-4.88E-06	-5.82E-06	1.20E-05	-4.09E-04	-1.13E-04	3.26E-04	1.99E-04	-2.1CE-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.4899E+02	.3087E+03	-.1178E+03	-.5994E+02	-.1466E+03	.9771E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.7941E+01	-.3654E+01	-.1826E+01	-.5051E+02	.3901E+02	.4832E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.7238E+01	.1220E+01	-.8500E+00	-.3044E+02	.8800E+02	.8749E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1008E+02	-.2280E+01	-.2360E+00	-.1123E+03	.1371E+03	.1279E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1110E+02	.1636E+01	-.2353E+00	-.1447E+03	.1859E+03	.1717E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5995E+00	.1003E+01	-.7124E+00	-.1943E+03	.2352E+03	.2237E+03
25	-.2482E+02	-.4033E+01	-.1892E+00	-.2427E+03	.2591E+03	.2741E+03
26	.1535E+02	.1825E+01	-.7957E-01	-.2626E+03	.2738E+03	.3110E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1224E+03	.2407E+02	-.4442E+01	-.2684E+03	.3762E+03	.3406E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.2294E+04	-.3916E+03	.1139E+02	-.3781E+03	.9975E+03	.5365E+03
40	-.1553E+04	-.2382E+03	-.7741E+01	-.3546E+03	.9851E+03	.4925E+03
41	-.9697E+03	-.1249E+03	-.2245E+02	-.3060E+03	.8934E+03	.4283E+03
42	-.2160E+03	-.1213E+02	-.1931E+02	-.2680E+03	.6363E+03	.3736E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2115E+04	.2712E+03	.1159E+02	-.5249E+02	.1045E+04	-.2669E+03
48	.1926E+04	.2355E+03	.1284E+02	-.1336E+03	.9659E+03	-.1923E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.3406E+04	.5198E+03	.1582E+02	.2517E+02	.7115E+03	-.8275E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.8586E+01	-.2075E+02	.8095E+00	-.2949E+02	.1030E+04	-.2500E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.2334E+04	.3550E+03	.1574E+02	-.1747E+02	.5776E+03	-.7807E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1638E+04	.2503E+03	.2116E+02	-.1416E+02	.5465E+03	-.7592E+03
66	.5579E+03	.8762E+02	.2663E+02	-.8717E+01	.4645E+03	-.7905E+03
67	-.1113E+04	-.1636E+03	.2677E+02	-.1072E+02	.3815E+03	-.7895E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0	.0000E+00	.0000E+00

	-.1583E+03	-.2943E+03	.2265E+02	-.[illegible]03	.3146E+03	-.7782E+03
	.2120E+03	.3414E+02	.1542E+02	-.1[illegible]03	.2207E+03	-.7851E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.6330E+03	-.1238E+03	.1155E+02	-.1504E+03	.1012E+03	-.7593E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.3485E+03	.5283E+02	.8389E+01	-.1993E+03	.2549E+02	-.7377E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4880E+03	-.7371E+02	.7464E+01	-.1612E+03	-.7672E+02	-.6837E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3167E+03	.4635E+02	.6251E+01	-.1450E+03	-.1402E+03	-.6255E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.3640E+03	-.5658E+02	.6399E+01	-.1432E+03	-.2266E+03	-.5621E+03
109	.2130E+03	.2938E+02	.5563E+01	-.1438E+03	-.2866E+03	-.4869E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.3044E+03	-.4895E+02	.5462E+01	-.8975E+02	-.3524E+03	-.4025E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1692E+03	-.2904E+02	.1310E+01	-.5467E+02	-.3862E+03	-.3162E+03
115	-.2576E+02	-.9250E+01	.1031E+00	-.2396E+02	-.3910E+03	-.2274E+03
116	-.1349E+03	-.2469E+02	-.9189E+00	-.1650E+01	-.4156E+03	-.1686E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1340E+03	-.2481E+02	-.2259E+01	-.2808E+02	-.4309E+03	-.1523E+03
119	-.7923E+02	-.1616E+02	-.3322E+01	.3668E+02	-.3955E+03	-.8366E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2512E+03	-.3387E+02	-.1520E+02	.3907E+02	-.3521E+03	-.4142E+02
122	-.2131E+03	-.1812E+02	-.2691E+02	-.1191E+02	-.3419E+03	-.4568E+02
123	-.1634E+03	-.1237E+02	-.2384E+02	-.8429E+01	-.2998E+03	-.4146E+02
124	-.1209E+03	-.8879E+01	-.1644E+02	-.6009E+01	-.2479E+03	-.3804E+02
125	-.8132E+02	-.4891E+01	-.1206E+02	-.3996E+01	-.2060E+03	-.3476E+02
126	-.2890E+02	.3516E+01	-.1126E+02	-.1447E+01	-.1748E+03	-.3126E+02
127	.1027E+02	.1012E+02	-.1156E+02	.3123E+00	-.1509E+03	-.2674E+02
128	.5097E+02	.1577E+02	-.1125E+02	.4478E+01	-.1014E+03	-.2160E+02
129	.5294E+02	.1389E+02	-.9697E+01	.6424E+01	-.6075E+02	-.1697E+02
130	.3750E+02	.8650E+01	-.7356E+01	.6835E+01	-.3026E+02	-.1356E+02
131	.1019E+02	.1605E+01	-.5207E+01	.6004E+01	-.1277E+02	-.1130E+02
132	-.1067E+01	-.7161E+00	-.3883E+01	.3939E+01	-.1224E+02	-.9611E+01
133	-.1508E+01	-.6035E+00	-.3521E+01	.2699E+01	-.1294E+02	-.8013E+01
134	-.5379E+00	-.1868E+00	-.3487E+01	.2065E+01	-.1075E+02	-.6287E+01
135	-.2785E-01	-.2203E-01	-.3915E+01	.1583E+01	-.7612E+01	-.4635E+01
136	.2502E-02	-.2568E-01	-.5197E+01	.1120E+01	-.4948E+01	-.3099E+01
137	.8162E-01	.2649E-01	-.8092E+01	.9186E+00	-.2247E+01	-.1698E+01
138	-.2214E-01	-.1631E+00	-.1277E+03	.5997E+00	.6106E+00	-.8650E+00

139	-.1214E+00	-.1962E+00	.2232E+02	.9000E-01	-.3332E+00	.3439E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .5900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.36202E-01	.21372E-03	-.36430E-01	.00000E+00
3	.66307E-01	.74332E-03	-.66294E-01	.00000E+00
4	.71066E-01	.74345E-03	-.71727E-01	.00000E+00
5	.77788E-01	-.17104E-04	-.77791E-01	.00000E+00
6	.88251E-01	-.61321E-06	-.88240E-01	.21601E-04
7	.80815E-01	.16521E-02	-.82009E-01	.00000E+00
8	.88528E-01	.13025E-02	-.88877E-01	.49641E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.36103E-01	.45342E-03	-.36560E-01	.00000E+00
11	.68824E-01	.10176E-02	-.68037E-01	.00000E+00
12	.74518E-01	.12203E-02	-.75971E-01	.00000E+00
13	.80830E-01	.10039E-02	-.81667E-01	.00000E+00
14	.89067E-01	.14347E-02	-.90567E-01	.11322E-04
15	.81903E-01	.25650E-02	-.86273E-01	.00000E+00
16	.89378E-01	.23167E-02	-.93337E-01	-.15631E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.36478E-01	.69535E-03	-.38422E-01	.00000E+00
19	.68171E-01	.14775E-02	-.72103E-01	.00000E+00
20	.76219E-01	.18916E-02	-.80872E-01	.00000E+00
21	.82834E-01	.14002E-02	-.87156E-01	.00000E+00
22	.90981E-01	.16081E-02	-.97196E-01	.52533E-05
23	.85101E-01	.38767E-02	-.95003E-01	.00000E+00
24	.92341E-01	.35266E-02	-.10224E+00	.34252E-04
25	.93318E-01	.43937E-02	-.10546E+00	.19722E-05
26	.93979E-01	.42595E-02	-.10736E+00	-.49240E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.36506E-01	.13332E-02	-.40288E-01	.00000E+00
29	.69727E-01	.27327E-02	-.76596E-01	.00000E+00
30	.78052E-01	.33376E-02	-.86870E-01	.00000E+00
31	.85889E-01	.40414E-02	-.96899E-01	.00000E+00
32	.94468E-01	.48548E-02	-.10945E+00	.91757E-04
33	.85647E-01	.57266E-02	-.97191E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.36214E-01	.18315E-02	-.40562E-01	.00000E+00
36	.70238E-01	.34444E-02	-.77932E-01	.00000E+00
37	.78932E-01	.39153E-02	-.86930E-01	.00000E+00
38	.86219E-01	.50684E-02	-.10088E+00	.00000E+00
39	.95611E-01	.67963E-02	-.11308E+00	-.48360E-04
40	.95423E-01	.69961E-02	-.11224E+00	.83930E-05
41	.95243E-01	.66134E-02	-.11146E+00	.45581E-04
42	.94924E-01	.59233E-02	-.11056E+00	.79261E-04
43	.78014E-01	.48502E-02	-.86495E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.33760E-01	-.46547E-05	-.37970E-01	.00000E+00
46	.69910E-01	.30172E-02	-.76229E-01	.00000E+00
47	.95702E-01	.63791E-02	-.11342E+00	-.48769E-04
48	.95675E-01	.65976E-02	-.11336E+00	-.71376E-04
49	.88109E-01	.51977E-02	-.10010E+00	.00000E+00
50	.96558E-01	.66047E-02	-.11377E+00	-.21252E-03
51	.88734E-01	.55543E-02	-.98818E-01	.00000E+00
52	.99641E-01	.58406E-02	-.10816E+00	.00000E+00
53	.95778E-01	.60530E-02	-.11362E+00	-.15173E-04
54	.77578E-01	.31708E-02	-.81504E-01	.00000E+00
55	.87105E-01	.46347E-02	-.90276E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.29065E-01	.31358E-02	-.29205E-01	.00000E+00
58	.62615E-01	.22274E-02	-.56420E-01	.00000E+00

	.10149E+00	.46305E-02	-.10398E+00	.00000E+00
	.98762E-01	.56283E-02	-.10556E+00	.00000E+00
61	.07340E-01	.66237E-02	-.11405E+00	-.32833E-03
62	.73654E-01	.17110E-02	-.68116E-01	.00000E+00
63	.84919E-01	.18540E-02	-.80831E-01	.00000E+00
64	.10170E+00	.58389E-02	-.10961E+00	.00000E+00
65	.98431E-01	.66425E-02	-.11431E+00	-.40828E-03
66	.10125E+00	.66752E-02	-.11483E+00	-.43674E-03
67	.10423E+00	.57111E-02	-.11540E+00	-.47435E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.22027E-01	-.36258E-03	-.13525E-01	.00000E+00
70	.66375E-01	.72665E-03	-.59570E-01	.00000E+00
71	.98842E-01	.20997E-02	-.93536E-01	.00000E+00
72	.10445E+00	.55713E-02	-.11012E+00	.00000E+00
73	.81870E-01	.11163E-02	-.70328E-01	.00000E+00
74	.11088E+00	.58219E-02	-.11471E+00	.00000E+00
75	.10677E+00	.67263E-02	-.11589E+00	-.36202E-03
76	.11020E+00	.68540E-02	-.11679E+00	-.25427E-03
77	.54292E-01	.90350E-03	-.83282E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.27405E-01	.90498E-03	-.25452E-01	.00000E+00
80	.63481E-01	-.36135E-03	-.54995E-01	.00000E+00
81	.70309E-01	-.30705E-03	-.60524E-01	.00000E+00
82	.78684E-01	-.44971E-03	-.70371E-01	.00000E+00
83	.11037E+00	.23595E-02	-.10385E+00	.00000E+00
84	.10411E+00	.89650E-03	-.93607E-01	.00000E+00
85	.11409E+00	.69493E-02	-.11796E+00	-.20368E-03
86	.11490E+00	.60084E-02	-.11745E+00	.00000E+00
87	.95194E-01	.48192E-03	-.81670E-01	.00000E+00
88	.11504E+00	.49740E-02	-.11208E+00	.00000E+00
89	.11678E+00	.71356E-02	-.11907E+00	-.16458E-03
90	.74134E-01	-.30400E-03	-.52908E-01	.00000E+00
91	.79453E-01	-.55158E-03	-.57061E-01	.00000E+00
92	.85252E-01	.86736E-03	-.60352E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.32351E-01	.00000E+00	-.23469E-01	.00000E+00
95	.59232E-01	.00000E+00	-.41813E-01	.00000E+00
96	.67665E-01	.00000E+00	-.47329E-01	.00000E+00
97	.70791E-01	.00000E+00	-.47824E-01	.00000E+00
98	.69772E-01	.00000E+00	-.46987E-01	.00000E+00
99	.75837E-01	.46319E-03	-.50601E-01	.00000E+00
100	.93050E-01	.12303E-02	-.67730E-01	.00000E+00
101	.11132E+00	.31971E-02	-.95192E-01	.00000E+00
102	.12093E+00	.73507E-02	-.12067E+00	-.14741E-03
103	.11587E+00	.35039E-02	-.10812E+00	.00000E+00
104	.12244E+00	.69374E-02	-.12149E+00	.00000E+00
105	.12384E+00	.75076E-02	-.12203E+00	-.12683E-03
106	.12113E+00	.41157E-02	-.11586E+00	.00000E+00
107	.12722E+00	.73215E-02	-.12389E+00	.00000E+00
108	.12715E+00	.76555E-02	-.12331E+00	-.12122E-03
109	.12956E+00	.77869E-02	-.12430E+00	-.10287E-03
110	.12831E+00	.84308E-02	-.12148E+00	.00000E+00
111	.13256E+00	.85428E-02	-.12759E+00	.00000E+00
112	.13215E+00	.79258E-02	-.12517E+00	-.92024E-04
113	.13153E+00	.75721E-02	-.12391E+00	.00000E+00
114	.13361E+00	.79367E-02	-.12568E+00	-.34903E-04
115	.13409E+00	.79403E-02	-.12608E+00	-.10915E-04
116	.13420E+00	.78431E-02	-.12609E+00	.46497E-05
117	.13340E+00	.68028E-02	-.12923E+00	.00000E+00
118	.13407E+00	.76347E-02	-.12610E+00	.17088E-04
119	.13358E+00	.78024E-02	-.12602E+00	.31412E-04
120	.13540E+00	.85378E-02	-.12887E+00	.00000E+00
121	.13256E+00	.76504E-02	-.12571E+00	.57713E-04
122	.13245E+00	.71555E-02	-.12582E+00	.71559E-04

123	.13226E+00	.57114E-02	-.12580E+00	.82597E-04
124	.13205E+00	.61611E-02	-.12597E+00	.95473E-04
125	.13176E+00	.55336E-02	-.12604E+00	.11112E-03
126	.13134E+00	.43034E-02	-.12616E+00	.13045E-03
127	.13054E+00	.22577E-02	-.12628E+00	.13500E-03
128	.13028E+00	.14743E-03	-.12652E+00	.11424E-03
129	.12939E+00	-.19362E-02	-.12673E+00	.79153E-04
130	.12782E+00	-.34351E-02	-.12696E+00	.37035E-04
131	.12771E+00	-.33360E-02	-.12731E+00	-.10308E-04
132	.12738E+00	-.30602E-02	-.12763E+00	-.22893E-04
133	.12685E+00	-.21544E-02	-.12791E+00	-.17058E-04
134	.12635E+00	-.15985E-02	-.12814E+00	-.11088E-04
135	.12581E+00	-.11770E-02	-.12833E+00	-.85981E-05
136	.12564E+00	-.81112E-03	-.12847E+00	-.87763E-05
137	.12557E+00	-.46052E-03	-.12855E+00	-.83375E-05
138	.12559E+00	-.74041E-04	-.12859E+00	-.97231E-05
139	.12559E+00	-.89393E-05	-.12859E+00	-.90202E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .6900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.57E-02	1.25E-01	-9.13E-03	4.43E+00	2.12E-02	-4.49E+00	4.51E+00	-4.35E+00	45.29	3.57E-02	4.43E+00
	-303.00	-3.44E-07	3.71E-06	-2.38E-06	4.03E-04	1.93E-06	-4.08E-04	2.03E-04	-2.00E-04			
2	72.00	7.42E-02	1.76E-01	-1.02E-01	3.74E+00	4.86E-04	-3.84E+00	3.86E+00	-3.61E+00	45.39	7.42E-02	3.74E+00
	-213.00	1.45E-06	6.06E-06	-6.55E-06	3.40E-04	4.42E-08	-3.49E-04	1.74E-04	-1.66E-04			
3	72.00	6.03E-01	2.13E-01	-2.35E-01	2.51E+00	-2.73E-01	-2.74E+00	2.92E+00	-2.11E+00	42.78	6.03E-01	2.51E+00
	-138.00	1.07E-05	1.60E-06	-8.38E-06	1.14E-04	-1.24E-05	-1.24E-04	6.34E-05	-5.09E-05			
4	24.00	3.30E+00	1.92E+00	2.45E+00	4.73E+00	-8.91E-01	-5.26E+00	7.39E+00	-2.17E+00	40.88	3.30E+00	4.73E+00
	-68.00	4.24E-05	-1.03E-05	9.95E-06	3.64E-04	-6.85E-05	-4.05E-04	2.00E-04	-1.66E-04			
5	72.00	-1.14E+00	-6.55E-01	-1.45E+00	2.10E+00	4.11E-02	-2.18E+00	1.21E+00	-3.01E+00	48.33	-6.55E-01	-2.10E+00
	-88.00	-8.27E-06	1.06E-05	-2.02E-05	1.61E-04	3.16E-06	-1.68E-04	8.23E-05	-8.00E-05			
6	120.00	-6.37E-01	-6.55E-01	-9.58E-01	3.98E+00	2.19E-01	-3.91E+00	3.34E+00	-4.63E+00	44.94	3.27E+00	-7.27E-01
	-68.00	2.14E-07	-4.67E-07	-1.21E-05	3.06E-04	1.69E-05	-3.01E-04	1.53E-04	-1.53E-04			
7	36.25	1.09E+00	4.09E-01	2.09E-01	2.31E+00	-3.00E-01	-2.20E+00	3.08E+00	-1.58E+00	40.79	1.01E+00	2.32E+00
	-19.00	2.32E-05	-3.05E-06	-1.08E-05	1.78E-04	-2.31E-05	-1.69E-04	9.98E-05	-7.97E-05			
8	108.00	-1.30E-01	-2.12E-01	-4.64E-01	1.74E+00	-4.93E-03	-1.93E+00	1.57E+00	-1.91E+00	44.33	-1.30E-01	1.74E+00
	-15.00	3.85E-06	7.00E-07	-8.98E-06	1.34E-04	-3.79E-07	-1.48E-04	6.93E-05	-6.47E-05			
9	216.00	2.45E-01	3.56E-01	1.55E-01	4.44E+00	-4.05E-02	-4.60E+00	4.75E+00	-4.14E+00	45.36	2.45E-01	4.44E+00
	-303.00	1.31E-06	6.38E-06	-2.79E-06	4.04E-04	-3.69E-06	-4.18E-04	2.06E-04	-1.98E-04			
10	216.00	3.40E-01	3.73E-01	1.58E-02	3.84E+00	-1.30E-01	-4.03E+00	4.20E+00	-3.48E+00	45.12	3.40E-01	3.84E+00
	-213.00	5.98E-06	7.48E-06	-8.74E-06	3.49E-04	-1.18E-05	-3.66E-04	1.81E-04	-1.68E-04			
11	216.00	5.54E-01	3.14E-01	-4.84E-01	2.97E+00	-3.98E-01	-3.20E+00	3.41E+00	-2.54E+00	43.84	5.54E-01	2.97E+00
	-138.00	1.06E-05	5.13E-06	-1.30E-05	1.35E-04	-1.81E-05	-1.46E-04	7.54E-05	-5.97E-05			
12	168.00	1.48E+00	1.48E+00	8.67E-01	4.62E+00	-7.19E-01	-4.80E+00	6.09E+00	-3.14E+00	44.99	1.48E+00	4.62E+00
	-68.00	1.40E-05	1.47E-05	-8.65E-06	3.55E-04	-5.53E-05	-3.69E-04	1.82E-04	-1.63E-04			
13	216.00	-1.47E+00	-6.12E-01	-1.62E+00	1.90E+00	-1.17E-01	-1.87E+00	9.11E-01	-2.95E+00	51.34	-6.12E-01	-1.90E+00
	-88.00	-1.59E-05	1.71E-05	-2.15E-05	1.46E-04	-9.01E-06	-1.44E-04	7.57E-05	-7.44E-05			
14	264.00	-1.49E-01	-6.07E-01	-9.44E-01	3.88E+00	6.96E-02	-3.99E+00	3.52E+00	-4.27E+00	43.32	3.41E+00	-9.26E-01
	-68.00	1.30E-05	-4.66E-06	-1.76E-05	2.95E-04	5.35E-06	-3.07E-04	1.54E-04	-1.46E-04			
15	180.00	3.68E-01	6.86E-02	-3.39E-01	2.04E+00	-4.82E-01	-1.92E+00	2.26E+00	-1.82E+00	42.90	3.68E-01	2.04E+00
	-19.00	1.31E-05	1.57E-06	-1.41E-05	1.57E-04	-3.71E-05	-1.48E-04	8.59E-05	-7.12E-05			
16	252.00	2.26E-01	-1.05E-01	-6.15E-01	1.66E+00	-1.91E-01	-2.02E+00	1.72E+00	-1.60E+00	42.14	2.26E-01	1.66E+00
	-15.00	1.41E-05	1.38E-06	-1.82E-05	1.27E-04	-1.47E-05	-1.55E-04	7.17E-05	-5.62E-05			
17	361.00	3.30E-01	5.77E-01	2.41E-01	4.48E+00	-2.67E-02	-4.83E+00	4.94E+00	-4.03E+00	45.79	3.30E-01	4.48E+00
	-303.00	9.45E-08	1.13E-05	-3.97E-06	4.08E-04	-2.43E-06	-4.39E-04	2.10E-04	-1.98E-04			
18	361.00	4.00E-01	5.53E-01	2.88E-02	4.04E+00	-1.14E-01	-4.33E+00	4.52E+00	-3.56E+00	45.54	4.00E-01	4.04E+00
	-213.00	5.42E-06	1.24E-05	-1.14E-05	3.67E-04	-1.03E-05	-3.93E-04	1.93E-04	-1.75E-04			
19	361.00	[illegible].00E-01	4.37E-01	-6.50E-01	3.21E+00	-4.21E-01	-3.66E+00	3.73E+00	-2.69E+00	44.27	6.00E-01	3.21E+00
	-138.00	[illegible]16E-05	7.91E-06	-1.68E-05	1.44E-04	-1.91E-05	[illegible]-04	8.27E-05	-6.32E-05			
20	312	[illegible]57E+00	2.20E+00	1.37E+00	5.24E+00	-1.22E+00	[illegible]+00	7.63E+00	-2.85E+00	43.99	2.57E+00	5.

	-68.0[illegible]	[illegible].15E-05	1.72E-05	-1.49E-05	4.03E-04	-9.41E-05	[illegible]E-04	2.26E-04	-1.77E-04				
21	360.4[illegible]	[illegible].36E+00	-1.40E+00	-2.40E+00	2.50E+00	-2.61E-02	[illegible]E+00	6.60E-01	-4.43E+00	50.44	-1.40E+00	-2.50E[illegible]	
	-88.00	-2.32E-05	1.37E-05	-2.44E-05	1.92E-04	-2.01E-06	-2.13E-04	9.31E-05	-1.02E-04				
22	400.33	1.40E+00	1.96E+00	5.61E-01	4.95E+00	-5.30E-02	-6.21E+00	6.64E+00	-3.28E+00	46.64	6.58E+00	-7.46E-01	
	-68.00	1.07E-05	3.24E-05	-2.15E-05	3.81E-04	-4.07E-06	-4.78E-04	2.12E-04	-1.69E-04				
23	324.00	7.85E-01	1.35E-01	-4.82E-01	2.11E+00	-8.60E-01	-2.04E+00	2.55E+00	-1.67E+00	40.64	7.85E-01	2.11E+00	
	-10.00	2.53E-05	4.08E-07	-2.34E-05	1.62E-04	-6.61E-05	-1.57E-04	9.48E-05	-6.90E-05				
24	372.00	5.16E-01	-2.62E-01	-8.67E-01	5.41E+00	-8.17E-01	-5.73E+00	5.55E+00	-5.29E+00	42.94	5.16E-01	5.41E+00	
	-9.33	2.66E-05	-3.33E-06	-2.66E-05	4.16E-04	-6.29E-05	-4.40E-04	2.20E-04	-1.97E-04				
25	401.25	1.76E-01	-1.06E-01	-1.03E+00	1.77E+00	-2.96E-01	-2.38E+00	1.82E+00	-1.75E+00	42.73	-1.49E+00	9.14E-01	
	-10.00	1.73E-05	6.44E-06	-2.90E-05	1.37E-04	-2.27E-05	-1.83E-04	8.03E-05	-5.66E-05				
26	427.67	2.74E+00	2.77E+00	1.27E+00	6.04E+00	-1.10E+00	-8.09E+00	8.79E+00	-3.28E+00	45.06	6.32E+00	4.87E+00	
	-9.33	3.10E-05	3.20E-05	-2.57E-05	4.64E-04	-8.44E-05	-6.23E-04	2.64E-04	-2.01E-04				
27	457.00	3.85E-01	8.50E-01	3.57E-01	4.51E+00	1.62E-02	-4.06E+00	5.13E+00	-3.90E+00	46.48	3.85E-01	4.51E+00	
	-303.00	-3.18E-06	1.80E-05	-4.45E-06	4.10E-04	1.47E-06	-4.51E-04	2.13E-04	-1.98E-04				
28	457.00	3.44E-01	6.59E-01	1.85E-02	4.25E+00	-5.60E-02	-4.56E+00	4.76E+00	-3.75E+00	46.06	3.44E-01	4.25E+00	
	-213.00	2.37E-06	1.67E-05	-1.24E-05	3.87E-04	-5.09E-06	-4.14E-04	2.03E-04	-1.84E-04				
29	457.00	8.76E-01	5.84E-01	-5.44E-01	3.41E+00	4.36E-02	-3.70E+00	4.15E+00	-2.69E+00	43.77	8.76E-01	3.41E+00	
	-138.00	1.51E-05	8.46E-06	-1.72E-05	1.55E-04	1.98E-06	-1.68E-04	8.95E-05	-6.59E-05				
30	442.00	1.46E+00	2.37E+00	1.21E+00	5.95E+00	1.01E-01	-6.68E+00	8.45E+00	-3.61E+00	49.55	1.46E+00	5.95E+00	
	-68.00	-1.01E-05	6.33E-05	-1.99E-05	4.58E-04	7.76E-06	-5.14E-04	2.59E-04	-2.05E-04				
31	457.33	-6.95E+00	-2.96E+00	-4.60E+00	2.02E+00	3.09E+00	-3.49E+00	-2.12E+00	-7.79E+00	67.30	-2.96E+00	-2.02E+00	
	-88.00	-1.08E-04	4.55E-05	-1.75E-05	1.55E-04	2.38E-04	-2.69E-04	7.80E-05	-1.40E-04				
32	472.67	1.18E+01	1.06E+01	8.33E+00	5.09E+00	-1.96E+00	-8.37E+00	1.63E+01	6.05E+00	41.48	1.50E+01	3.48E+00	
	-68.00	1.17E-04	6.86E-05	-1.69E-05	3.92E-04	-1.51E-04	-6.44E-04	2.90E-04	-1.04E-04				
33	443.00	9.87E-01	8.85E-01	-3.43E-01	3.10E+00	-4.18E-01	-3.19E+00	4.03E+00	-2.16E+00	44.53	9.87E-01	3.10E+00	
	-10.50	2.12E-05	1.72E-05	-3.00E-05	2.38E-04	-3.22E-05	-2.46E-04	1.38E-04	-1.00E-04				
34	454.00	9.64E+00	7.68E+00	6.00E+00	7.76E+00	-2.32E+00	-1.03E+01	1.65E+01	8.32E-01	41.40	1.27E+01	6.68E+00	
	-11.33	1.14E-04	3.91E-05	-2.54E-05	5.97E-04	-1.79E-04	-7.89E-04	3.78E-04	-2.24E-04				
35	461.67	3.04E+00	4.15E+00	1.97E+00	7.34E+00	-6.05E-01	-1.07E+01	1.10E+01	-3.77E+00	47.15	3.04E+00	7.34E+00	
	-12.00	1.64E-05	5.89E-05	-2.50E-05	5.65E-04	-4.65E-05	-8.20E-04	3.21E-04	-2.46E-04				
36	469.00	-5.92E+00	-2.09E+00	-4.19E+00	6.84E-01	2.71E+00	-4.25E+00	-1.97E+00	-6.04E+00	80.16	-2.09E+00	-6.84E-01	
	-30.00	-9.36E-05	5.35E-05	-2.70E-05	5.27E-05	2.09E-04	-3.27E-04	5.81E-05	-9.82E-05				
37	476.33	5.14E+00	7.28E+00	4.00E+00	5.06E+00	-6.48E-01	-8.75E+00	1.14E+01	1.04E+00	50.99	7.20E+00	5.07E+00	
	-12.00	1.71E-05	9.97E-05	-2.66E-05	3.89E-04	-4.99E-05	-6.73E-04	2.57E-04	-1.40E-04				
38	558.50	-2.23E-01	1.80E-01	-1.35E-01	4.21E+00	1.33E-01	-4.81E+00	4.19E+00	-4.24E+00	46.37	-2.23E-01	4.21E+00	
	-303.00	-7.81E-06	1.05E-05	-3.83E-06	3.83E-04	1.21E-05	-4.37E-04	1.93E-04	-1.90E-04				
39	558.50	8.93E-02	8.43E-01	6.18E-02	4.21E+00	2.62E-01	-4.66E+00	4.69E+00	-3.76E+00	47.56	8.93E-02	4.21E+00	
	-213.00	-8.86E-06	2.54E-05	-1.01E-05	3.82E-04	2.38E-05	-4.24E-04	2.00E-04	-1.84E-04				
40	506.17	-1.05E-01	2.14E+00	-2.60E-01	9.49E+00	4.56E-01	-5.89E+00	1.06E+01	-8.54E+00	48.37	-1.05E-01	9.49E+00	
	-128.00	-1.17E-05	3.93E-05	-1.52E-05	4.31E-04	2.07E-05	-4.49E-04	2.31E-04	-2.03E-04				
41	558.50	-3.15E+00	1.33E+00	-1.19E+00	4.08E+00	2.16E+00	-5.77E+00	3.75E+00	-5.56E+00	59.39	1.33E+00	-4.08E+00	
	-148.00	-5.58E-05	4.61E-05	-1.13E-05	1.85E-04	9.84E-05	-2.62E-04	1.01E-04	-1.11E-04				
42	610.83	4.14E-01	2.23E+00	2.03E-01	8.12E+00	1.63E+00	-7.74E+00	9.50E+00	-6.85E+00	48.20	9.40E+00	-1.25E+00	
	-128.00	-5.55E-06	3.59E-05	-1.03E-05	3.69E-04	7.39E-05	-3.52E-04	2.01E-04	-1.71E-04				
43	501.38	-9.03E-01	-1.20E-01	-1.19E+00	2.18E+00	7.34E-01	-2.83E+00	1.67E+00	-2.78E+00	50.66	-9.93E-01	2.18E+00	
	-78.00	-1.29E-05	2.07E-05	-2.05E-05	1.68E-04	5.65E-05	-2.18E-04	8.95E-05	-8.16E-05				
44	534.67	1.37E+00	1.90E+00	7.30E-01	6.90E+00	4.40E-01	-8.41E+00	8.54E+00	-5.27E+00	46.10	8.47E+00	-9.37E-01	
	-68.00	8.74E-06	2.91E-05	-1.59E-05	5.31E-04	3.39E-05	-6.47E-04	2.84E-04	-2.47E-04				
45	584.67	-1.26E+00	-2.36E-01	-1.13E+00	6.48E+00	1.60E+00	-6.27E+00	5.75E+00	-7.25E+00	47.26	-1.26E+00	6.48E+00	
	-68.00	-1.96E-05	1.57E-05	-1.45E-05	4.98E-04	1.23E-04	-4.82E-04	2.50E-04	-2.50E-04				
46	610.83	-6.75E+00	-1.28E+00	-3.45E+00	3.46E+00	3.19E+00	-4.95E+00	3.95E-01	-8.43E+00	64.18	-1.28E+00	-3.46E+00	
	-88.00	-1.34E-04	7.70E-05	-6.43E-06	2.66E-04	2.45E-04	-3.81E-04	1.41E-04	-1.98E-04				
47	482.63	-2.62E-01	5.20E-01	-1.02E+00	1.62E+00	8.08E-01	-3.21E+00	1.79E+00	-1.53E+00	51.79	-2.62E-01	1.62E+00	
	-21.00	-1.64E-06	2.84E-05	-3.10E-05	1.24E-04	6.21E-05	-2.47E-04	7.74E-05	-5.06E-05				
48	485.83	2.95E+00	4.55E+00	2.10E+00	4.70E+00	1.17E-01	-9.74E+00	8.52E+00	-1.02E+00	49.83	3.56E+00	4.77E+00	
	-12.00	7.94E-06	6.95E-05	-2.47E-05	3.62E-04	8.98E-06	-7.49E-04	2.22E-04	-1.45E-04				
49	507.38	-1.89E-01	-6.34E-02	-1.13E+00	1.75E+00	4.56E-01	-3.49E+00	1.63E+00	-1.88E+00	46.03	-1.89E-01	1.75E+00	
	-21.00	7.05E-06	1.29E-05	-2.84E-05	1.35E-04	3.51E-05	-2.68E-04	7.79E-05	-5.71E-05				
50	538.67	1.22E+00	1.25E+00	3.05E-01	6.18E+00	2.17E+00	-7.39E+00	7.41E+00	-4.95E+00	45.07	7.39E+00	-5.83E-01	
	-10.00	1.64E-05	1.75E-05	-1.87E-05	4.75E-04	1.67E-04	-5.69E-04	2.55E-04	-2.21E-04				
51	484.67	-1.96E+01	-1.36E+01	-1.46E+01	-4.74E-01	1.39E+00	-1.06E+00	-1.35E+01	-1.96E+01	-85.52	-1.36E+01	4.74E-01	
	8.00	-2.29E-04	2.85E-06	-3.66E-05	-3.65E-05	1.07E-04	-8.19E-05	4.28E-06	-2.30E-04				
52	507.00	4.51E+00	5.50E+00	9.94E+00	3.09E+00	9.84E-01	2.61E+00	8.19E+00	1.91E+00	49.99	7.47E+00	2.00E+00	

	0.00	3.00E-05	7.19E-05	-3.02E-05	2.38E-04	7.57E-05	2.01E-04	1.72E-04	-6.98E-05			
53	603.00	-3.39E-02	-3.23E-02	-3.50E-01	2.55E+00	1.04E+00	-2.49E+00	2.52E+00	-2.59E+00	45.01	-1.63E+00	2.00E+00
	-18.00	3.27E-04	3.33E-04	-8.99E-06	1.96E-04	9.02E-05	-1.51E-04	1.02E-04	-9.49E-05			
54	712.00	-2.20E+01	4.15E+01	-9.39E-03	3.96E+00	3.35E+01	-4.12E+00	4.02E+00	-3.93E+00	47.65	-3.20E+01	3.96E+00
	-303.00	-1.57E-05	1.77E-05	-1.53E-06	3.60E-04	3.07E-05	-3.74E-04	1.82E-04	-1.60E-04			
55	712.00	-2.20E+00	-1.07E+00	-1.36E+00	4.35E+00	1.07E+00	-4.03E+00	2.74E+00	-6.02E+00	48.70	-2.20E+00	4.35E+00
	-213.00	-4.00E-05	1.14E-05	-1.57E-06	3.95E-04	9.68E-05	-3.67E-04	1.85E-04	-2.14E-04			
56	712.00	-2.94E+00	-1.40E+00	-1.27E+00	3.27E+00	2.42E+00	-3.19E+00	1.19E+00	-5.53E+00	51.62	-2.94E+00	3.27E+00
	-138.00	-3.74E-05	-2.44E-06	5.24E-07	1.49E-04	1.10E-04	-1.45E-04	5.64E-05	-9.63E-05			
57	712.00	-8.99E-01	-2.75E-02	-3.37E-01	2.08E+00	9.78E-01	-2.39E+00	1.66E+00	-2.59E+00	50.90	-8.98E-01	2.08E+00
	-78.00	-2.07E-05	1.28E-05	9.20E-07	1.40E-04	7.52E-05	-1.83E-04	7.78E-05	-8.57E-05			
58	712.00	-1.09E+00	-6.00E-01	-6.26E-01	2.82E+00	8.44E-01	-2.02E+00	1.99E+00	-3.68E+00	47.47	-1.09E+00	2.82E+00
	-18.00	-1.64E-05	2.35E-06	1.34E-06	2.17E-04	6.45E-05	-2.25E-04	1.02E-04	-1.16E-04			
59	837.00	-1.12E+01	-6.18E+00	-6.96E+00	3.32E+00	2.14E+00	-3.57E+00	-4.54E+00	-1.25E+01	63.62	-6.18E+00	-3.32E+00
	-318.00	-1.94E-04	3.55E-05	.00E+00	3.02E-04	1.95E-04	-3.25E-04	1.10E-04	-2.69E-04			
60	887.00	-1.49E+00	1.12E-02	-5.93E-01	8.90E+00	7.63E-01	-6.10E+00	8.19E+00	-9.67E+00	47.42	7.46E+00	-3.52E+00
	-288.00	-4.09E-05	2.75E-05	.00E+00	8.09E-04	7.12E-05	-7.36E-04	3.99E-04	-4.13E-04			
61	987.00	2.06E+00	1.45E+00	1.40E+00	9.05E+00	-5.08E-01	-7.64E+00	1.08E+01	-7.30E+00	44.03	2.06E+00	9.05E+00
	-288.00	2.99E-05	2.00E-06	.00E+00	8.22E-04	-4.62E-05	-6.94E-04	4.27E-04	-3.96E-04			
62	1037.00	-1.12E+01	-6.71E+00	-7.15E+00	6.63E+00	1.87E+00	-6.22E+00	-1.94E+00	-1.59E+01	54.30	-6.71E+00	-6.63E+00
	-318.00	-1.83E-04	2.01E-05	.00E+00	6.03E-04	1.70E-04	-5.66E-04	2.37E-04	-3.95E-04			
63	862.00	-2.73E-01	-8.41E-02	1.13E-02	4.52E+00	2.21E-01	-4.19E+00	4.34E+00	-4.70E+00	45.60	-2.73E-01	4.52E+00
	-213.00	-7.93E-06	6.73E-07	5.01E-06	4.11E-04	2.01E-05	-3.81E-04	2.02E-04	-2.09E-04			
64	1012.00	5.40E-01	4.03E-01	5.42E-01	4.87E+00	-1.45E-01	-4.32E+00	5.34E+00	-4.40E+00	44.59	5.40E-01	4.87E+00
	-213.00	5.28E-06	-5.83E-07	5.35E-06	4.42E-04	-1.32E-05	-3.92E-04	2.23E-04	-2.19E-04			
65	837.00	1.46E-01	-2.52E-01	4.33E-01	3.45E+00	1.50E-01	-4.31E+00	3.41E+00	-3.51E+00	43.35	-2.52E-01	-3.45E+00
	-148.00	1.60E-06	-7.44E-06	8.13E-06	1.57E-04	6.83E-06	-1.96E-04	7.57E-05	-8.15E-05			
66	937.00	-5.80E-01	-7.96E-02	2.18E-01	6.06E+00	3.97E-01	-5.24E+00	5.74E+00	-6.40E+00	46.18	4.03E+00	-4.22E+00
	-128.00	-1.09E-05	5.07E-07	7.26E-06	2.76E-04	1.80E-05	-2.38E-04	1.33E-04	-1.43E-04			
67	1037.00	-5.59E+00	-9.89E-01	-1.51E+00	5.81E+00	1.97E+00	-5.72E+00	2.95E+00	-9.54E+00	55.81	-9.89E-01	-5.81E+00
	-148.00	-8.47E-05	1.99E-05	8.18E-06	2.64E-04	8.97E-05	-2.60E-04	1.10E-04	-1.74E-04			
68	837.00	-1.69E+00	-1.39E+00	-9.90E-01	6.60E+00	8.24E-01	-6.02E+00	5.06E+00	-8.14E+00	45.66	-1.69E+00	6.60E+00
	-68.00	-2.03E-05	-8.65E-06	6.62E-06	5.07E-04	6.34E-05	-4.63E-04	2.39E-04	-2.68E-04			
69	937.00	-2.28E+00	2.06E-01	-4.45E-01	3.49E+00	9.46E-01	-3.18E+00	2.66E+00	-4.74E+00	54.81	2.06E-01	-3.49E+00
	-88.00	-6.00E-05	3.56E-05	1.05E-05	2.68E-04	7.28E-05	-2.45E-04	1.30E-04	-1.54E-04			
70	1037.00	-1.75E-01	8.70E-01	6.25E-01	5.94E+00	-1.27E-01	-6.39E+00	6.31E+00	-5.62E+00	47.51	4.82E+00	-3.94E+00
	-68.00	-2.12E-05	1.90E-05	9.52E-06	4.57E-04	-9.81E-06	-4.91E-04	2.28E-04	-2.36E-04			
71	862.00	-1.48E+00	-8.17E-01	-5.82E-01	2.77E+00	7.79E-01	-2.80E+00	1.64E+00	-3.94E+00	48.62	-1.48E+00	2.77E+00
	-18.00	-2.53E-05	2.33E-07	9.26E-06	2.13E-04	5.99E-05	-2.16E-04	9.48E-05	-1.20E-04			
72	1012.00	2.88E-01	6.43E-01	7.71E-01	3.05E+00	-7.45E-02	-2.63E+00	3.52E+00	-2.55E+00	46.67	2.88E-01	3.05E+00
	-18.00	-7.64E-06	6.03E-06	1.10E-05	2.34E-04	-5.73E-06	-2.03E-04	1.17E-04	-1.18E-04			
73	1387.00	5.79E-01	5.99E-01	5.31E-01	3.64E+00	-3.30E-03	-2.99E+00	4.23E+00	-3.05E+00	45.08	5.79E-01	3.64E+00
	-303.00	4.12E-06	5.03E-06	1.95E-06	3.31E-04	-3.00E-07	-2.72E-04	1.70E-04	-1.61E-04			
74	1387.00	2.02E-02	-1.47E-01	1.53E-01	3.84E+00	6.62E-02	-2.93E+00	3.78E+00	-3.91E+00	44.38	2.02E-02	3.84E+00
	-213.00	5.81E-07	-7.04E-06	6.62E-06	3.49E-04	6.02E-06	-2.66E-04	1.71E-04	-1.78E-04			
75	1387.00	-9.93E-02	1.77E-01	6.02E-01	2.83E+00	2.61E-01	-2.02E+00	2.87E+00	-2.79E+00	46.40	-9.93E-02	2.83E+00
	-138.00	-5.82E-06	4.52E-07	1.01E-05	1.28E-04	1.19E-05	-9.19E-05	6.16E-05	-6.70E-05			
76	1187.00	-9.95E-01	-7.23E-01	-3.84E-01	4.41E+00	6.49E-01	-2.61E+00	3.55E+00	-5.27E+00	45.88	-9.95E-01	4.41E+00
	-68.00	-1.52E-05	-4.70E-06	8.32E-06	3.39E-04	4.99E-05	-2.01E-04	1.60E-04	-1.79E-04			
77	1387.00	-1.18E+00	-8.65E-01	-2.86E-01	2.12E+00	5.02E-01	-1.81E+00	1.10E+00	-3.15E+00	47.15	-8.65E-01	-2.12E+00
	-88.00	-1.99E-05	-7.60E-06	1.47E-05	1.63E-04	3.86E-05	-1.39E-04	6.81E-05	-9.56E-05			
78	1587.00	-4.66E-01	-3.08E-01	1.56E-01	2.77E+00	5.37E-02	-1.42E+00	2.38E+00	-3.16E+00	45.82	7.51E-01	-2.53E+00
	-68.00	-1.11E-05	-5.07E-06	1.28E-05	2.13E-04	4.13E-06	-1.09E-04	9.85E-05	-1.15E-04			
79	1237.00	-1.65E+00	-6.25E-01	-4.30E-01	2.34E+00	7.40E-01	-1.67E+00	1.26E+00	-3.54E+00	51.18	-1.65E+00	2.34E+00
	-18.00	-3.38E-05	5.70E-06	1.32E-05	1.80E-04	5.69E-05	-1.29E-04	7.83E-05	-1.06E-04			
80	1433.80	-1.00E+00	-2.15E-01	5.12E-02	2.77E+00	4.06E-01	-1.30E+00	2.19E+00	-3.41E+00	49.05	-1.00E+00	2.77E+00
	-8.00	-2.58E-05	4.53E-06	1.48E-05	2.13E-04	3.12E-05	-9.98E-05	9.69E-05	-1.18E-04			
81	1533.80	-1.67E+00	-3.46E-01	-2.60E-01	1.56E+00	3.66E-01	-8.13E-01	6.93E-01	-2.70E+00	56.43	-3.46E-01	-1.56E+00
	-28.00	-3.91E-05	1.17E-05	1.50E-05	1.20E-04	2.82E-05	-6.25E-05	5.16E-05	-7.90E-05			
82	1633.80	-1.83E+00	-6.43E-01	-4.78E-01	6.14E-01	1.12E-01	-2.39E-01	-3.83E-01	-2.09E+00	67.04	-3.86E-01	-7.03E-02
	-8.00	-3.80E-05	7.72E-06	1.41E-05	4.72E-05	8.59E-06	-1.84E-05	1.77E-05	-4.80E-05			
83	1433.80	[illegible]76E+00	-2.89E+00	-3.22E+00	1.76E+00	1.87E+00	-9.15E-01	-2.20E+00	-7.44E+00	68.85	-2.89E+00	-1.76E+00
	27.60	[illegible]9E-04	3.03E-05	1.76E-05	1.36E-04	1.44E-04	-7[illegible]05	5.65E-05	-1.45E-04			
84	1296	[illegible]2E+00	-3.00E-01	-4.84E-01	1.90E+00	8.76E-01	[illegible]00	8.18E-01	-3.54E+00	59.56	-1.47E+00	-2.1[illegible]

	40	[illegible]5.79E-05	2.37E-05	1.66E-05	1.46E-04	6.74E-05	[illegible]6E-05	6.67E-05	-1.01E-04				
85	1148.[illegible]	-1.13E+00	4.52E-01	1.72E-01	2.44E+00	1.02E+00	[illegible]02E+00	2.44E+00	-3.06E+00	53.55	2.01E+00	1.49	
	57.33	-3.84E-05	2.41E-05	1.19E-05	2.03E-04	7.81E-05	-7.83E-05	9.92E-05	-1.13E-04				
86	1131.40	-8.50E+00	-4.24E+00	-4.28E+00	9.04E-01	3.28E+00	-2.20E-01	-4.06E+00	-8.65E+00	78.50	-4.24E+00	-9.04E-01	
	112.00	-1.40E-04	2.40E-05	2.24E-05	6.96E-05	2.53E-04	-1.76E-05	3.10E-05	-1.47E-04				
87	1010.80	-2.40E+00	-8.49E-01	-8.17E-01	2.66E+00	1.14E+00	-3.88E+00	1.15E+00	-4.40E+00	53.12	-8.48E-01	-2.66E+00	
	34.67	-4.76E-05	1.21E-05	1.33E-05	2.05E-04	8.78E-05	-2.99E-04	8.89E-05	-1.25E-04				
88	884.60	-1.30E+00	-4.09E-01	-3.41E-01	2.21E+00	5.69E-01	-2.50E+00	1.40E+00	-3.11E+00	50.69	-1.30E+00	2.21E+00	
	46.00	-2.74E-05	6.79E-06	9.40E-06	1.70E-04	4.37E-05	-1.92E-04	7.64E-05	-9.71E-05				
89	869.80	-5.75E+00	-2.59E+00	-2.90E+00	1.20E+00	1.68E+00	-1.17E+00	-2.19E+00	-6.16E+00	71.39	-2.59E+00	-1.20E+00	
	96.00	-9.77E-05	2.38E-05	1.21E-05	9.24E-05	1.29E-04	-8.99E-05	2.94E-05	-1.13E-04				
90	952.60	-1.06E+00	2.74E+00	1.07E+00	3.31E+00	9.96E-01	-2.41E+00	4.66E+00	-2.98E+00	59.91	3.84E+00	-2.37E+00	
	128.00	-7.10E-05	7.51E-05	1.10E-05	2.55E-04	7.66E-05	-1.85E-04	1.49E-04	-1.45E-04				
91	860.80	-1.66E+00	-1.22E-01	-3.86E-01	1.54E+00	9.66E-01	-7.43E-01	8.33E-01	-2.61E+00	58.22	-1.66E+00	1.54E+00	
	160.00	-3.99E-05	1.91E-05	8.91E-06	1.19E-04	7.43E-05	-5.72E-05	5.58E-05	-7.66E-05				
92	869.80	-7.92E+00	-2.70E+00	-3.58E+00	7.57E-01	3.30E+00	-9.30E-01	-2.60E+00	-8.03E+00	81.92	-2.70E+00	-7.57E-01	
	203.60	-1.49E-04	5.21E-05	1.84E-05	5.82E-05	2.54E-04	-7.15E-05	5.62E-05	-1.53E-04				
93	598.67	3.01E-01	7.71E-03	-2.81E-02	4.44E+00	2.16E+00	-5.05E+00	4.60E+00	-4.29E+00	44.06	7.71E-03	-4.44E+00	
	16.00	8.48E-06	-2.78E-06	-4.16E-06	3.42E-04	1.66E-04	-3.88E-04	1.74E-04	-1.68E-04				
94	645.75	-8.48E-01	-4.15E-01	-6.00E-01	2.84E+00	9.30E-01	-2.53E+00	2.21E+00	-3.48E+00	47.18	-8.48E-01	2.84E+00	
	24.00	-1.21E-05	4.50E-06	-2.60E-06	2.18E-04	7.16E-05	-1.94E-04	1.06E-04	-1.13E-04				
95	613.10	-9.96E-01	-1.42E+00	-1.19E+00	4.85E+00	7.75E-01	-1.27E+00	3.64E+00	-6.06E+00	43.76	-9.96E-01	4.85E+00	
	69.33	1.31E-06	-1.48E-05	-6.28E-06	3.73E-04	5.96E-05	-9.80E-05	1.80E-04	-1.93E-04				
96	708.45	-1.59E+00	-3.26E-01	-6.20E-01	2.26E+00	9.39E-01	-2.07E+00	1.39E+00	-3.30E+00	52.73	-1.74E+00	-2.21E+00	
	55.00	-3.29E-05	1.52E-05	3.86E-06	1.74E-04	7.23E-05	-1.59E-04	8.13E-05	-9.90E-05				
97	613.10	-4.37E+00	-2.08E+00	-2.41E+00	1.53E+00	2.54E+00	-1.20E+00	-1.32E+00	-5.14E+00	63.38	-2.08E+00	-1.53E+00	
	96.00	-7.08E-05	1.73E-05	4.83E-06	1.18E-04	1.95E-04	-9.23E-05	4.68E-05	-1.00E-04				
98	682.27	-1.55E+00	-3.83E-01	-6.16E-01	3.16E+00	7.81E-01	-2.36E+00	2.25E+00	-4.16E+00	50.23	1.86E+00	-1.55E+00	
	112.00	-3.16E-05	1.33E-05	4.34E-06	2.43E-04	6.01E-05	-1.82E-04	1.15E-04	-1.33E-04				
99	751.43	-5.08E+00	1.19E+00	-1.24E+00	3.47E+00	2.41E+00	-4.58E+00	2.73E+00	-6.62E+00	66.06	1.19E+00	-3.47E+00	
	96.00	-1.39E-04	1.02E-04	8.67E-06	2.67E-04	1.85E-04	-3.52E-04	1.61E-04	-1.98E-04				
100	683.25	-1.45E+00	-3.65E-01	-4.97E-01	1.15E+00	5.88E-01	-1.48E+00	3.67E-01	-2.19E+00	57.62	-1.45E+00	1.15E+00	
	152.00	-3.05E-05	1.14E-05	6.33E-06	8.88E-05	4.52E-05	-1.14E-04	3.96E-05	-5.86E-05				
101	648.67	-7.12E+00	-3.51E+00	-3.96E+00	7.68E-01	1.64E+00	-1.08E+00	-3.35E+00	-7.28E+00	78.50	-3.51E+00	-7.68E-01	
	192.00	-1.14E-04	2.54E-05	8.13E-06	5.91E-05	1.26E-04	-8.34E-05	3.15E-05	-1.20E-04				
102	725.25	-1.13E+00	5.56E-01	7.83E-02	1.24E+00	4.16E-01	-9.98E-01	1.21E+00	-1.79E+00	62.17	-2.25E-01	-1.50E+00	
	232.70	-3.82E-05	2.69E-05	8.51E-06	9.52E-05	3.20E-05	-7.67E-05	5.20E-05	-6.33E-05				
103	635.50	-9.50E-01	-9.04E-01	-4.57E-01	8.39E-02	3.10E-01	-6.85E-02	-8.40E-01	-1.01E+00	52.58	-9.50E-01	8.39E-02	
	256.00	-1.11E-05	-9.39E-06	7.82E-06	6.45E-06	2.38E-05	-5.27E-06	-6.92E-06	-1.36E-05				
104	635.50	-2.69E+00	-1.79E+00	-1.36E+00	-3.31E-02	1.05E+00	-7.01E-02	-1.79E+00	-2.65E+00	-87.90	-1.79E+00	3.31E-02	
	290.67	-3.94E-05	-4.73E-06	1.20E-05	-2.54E-06	8.08E-05	-5.39E-06	-4.69E-06	-3.94E-05				
105	569.00	4.58E-01	1.72E-02	-2.56E-01	4.68E+00	1.40E+00	-4.32E+00	4.93E+00	-4.45E+00	43.65	4.58E-01	4.68E+00	
	16.50	1.52E-05	-1.75E-06	-1.23E-05	3.60E-04	1.08E-04	-3.32E-04	1.87E-04	-1.74E-04				
106	508.50	8.22E+00	5.46E+00	4.86E+00	3.16E+00	3.18E+00	-1.35E+00	1.03E+01	3.39E+00	33.22	5.46E+00	-3.16E+00	
	13.00	1.12E-04	6.31E-06	-1.68E-05	2.43E-04	2.45E-04	-1.04E-04	1.92E-04	-7.33E-05				
107	521.00	2.31E+00	1.24E+00	5.63E-01	4.49E+00	1.18E+00	-2.45E+00	6.28E+00	-2.74E+00	41.59	2.31E+00	4.48E+00	
	15.75	4.36E-05	2.44E-06	-2.35E-05	3.44E-04	9.05E-05	-1.89E-04	1.96E-04	-1.50E-04				
108	526.25	1.96E+00	1.01E+00	4.46E-01	4.96E+00	9.86E-01	-2.53E+00	6.47E+00	-3.49E+00	42.28	1.96E+00	4.96E+00	
	21.00	3.78E-05	1.43E-06	-2.04E-05	3.81E-04	7.58E-05	-1.95E-04	2.11E-04	-1.72E-04				
109	515.50	5.02E+00	3.34E+00	2.95E+00	6.01E+00	2.13E+00	-1.37E+00	1.03E+01	-1.89E+00	41.03	3.34E+00	-6.01E+00	
	26.00	6.88E-05	4.32E-06	-1.10E-05	4.63E-04	1.64E-04	-1.05E-04	2.70E-04	-1.97E-04				
110	531.50	6.36E-01	5.14E-01	-5.06E-02	4.05E+00	6.81E-01	-2.14E+00	4.62E+00	-3.47E+00	44.57	6.36E-01	4.05E+00	
	34.50	1.24E-05	7.70E-06	-1.40E-05	3.11E-04	5.24E-05	-1.65E-04	1.66E-04	-1.46E-04				
111	515.50	-3.11E+00	-4.65E+00	-3.75E+00	1.17E+01	5.11E-01	-8.44E-01	7.87E+00	-1.56E+01	43.12	-3.11E+00	1.17E+01	
	44.00	6.87E-06	-5.24E-05	-1.77E-05	9.02E-04	3.93E-05	-6.49E-05	4.29E-04	-4.75E-04				
112	515.50	-1.66E+00	-1.01E+00	-1.34E+00	2.72E+00	1.10E+00	-1.10E+00	1.41E+00	-4.08E+00	48.43	-1.01E+00	-2.72E+00	
	53.33	-1.99E-05	5.33E-06	-7.47E-06	2.10E-04	8.46E-05	-8.44E-05	9.83E-05	-1.13E-04				
113	547.50	-1.86E+00	6.67E-01	-7.35E-01	4.37E+00	7.51E-01	-3.68E+00	2.95E+00	-5.14E+00	53.08	2.01E+00	-3.72E+00	
	64.00	-5.05E-05	4.69E-05	-7.04E-06	3.36E-04	5.78E-05	-2.83E-04	1.73E-04	-1.77E-04				
114	515.50	-3.76E+00	-4.18E+00	-3.45E+00	4.88E+00	3.17E-01	-1.56E+00	9.14E-01	-8.86E+00	43.79	-3.76E+00	4.88E+00	
	74.67	-1.96E-05	-3.55E-05	-7.51E-06	3.75E-04	2.44E-05	-1.20E-04	1.60E-04	-2.15E-04				
115	515.50	-7.75E+00	-4.86E+00	-5.22E+00	1.76E+00	9.39E-01	-1.02E+00	-4.03E+00	-8.58E+00	64.66	-4.86E+00	-1.76E+00	
	88.00	-1.02E-04	8.97E-06	-4.54E-06	1.36E-04	7.22E-05	-7.86E-05	4.11E-05	-1.34E-04				
116	547.50	-4.34E+00	-2.67E-01	-2.01E+00	5.44E+00	7.16E-01	-3.20E+00	3.51E+00	-8.12E+00	55.26	2.05E+00	-3.84E+00	

	104.00	-9.42E-05	6.25E-05	-4.65E-06	4.19E-04	5.50E-05	-2.46E-04	2.08E-04	-2.35E-04				
117	515.50	-1.54E+00	-1.33E+00	-1.15E+00	3.87E+00	6.64E-02	-2.09E+00	2.41E+00	-5.33E+00	45.60	-1.54E+00	3.87E+00	
	120.00	-1.48E-05	-8.21E-06	5.03E-07	2.98E-04	5.10E-06	-1.61E-04	1.37E-04	-1.60E-04				
118	515.50	-5.67E+00	-3.46E+00	-3.58E+00	1.50E+00	3.69E-01	-6.67E-01	-2.70E+00	-6.42E+00	63.17	-3.46E+00	-1.50E+00	
	136.00	-7.82E-05	6.50E-06	1.84E-06	1.15E-04	2.83E-05	-6.67E-05	3.58E-05	-1.07E-04				
119	547.50	-3.70E+00	-6.18E-01	-1.75E+00	3.70E+00	3.47E-01	-1.96E+00	1.71E+00	-6.23E+00	55.66	7.52E-01	-2.58E+00	
	152.00	-7.36E-05	3.74E-05	1.73E-06	2.84E-04	2.67E-05	-1.51E-04	1.35E-04	-1.71E-04				
120	515.50	-1.73E+00	-1.21E+00	-9.07E-01	2.59E+00	-4.13E-02	-1.58E+00	1.13E+00	-4.07E+00	47.89	-1.73E+00	2.59E+00	
	168.00	-2.44E-05	-4.22E-06	7.44E-06	1.99E-04	-3.18E-06	-1.22E-04	8.57E-05	-1.14E-04				
121	515.50	-7.18E+00	-4.42E+00	-4.40E+00	1.20E+00	2.00E-01	-6.54E-01	-3.97E+00	-7.62E+00	69.52	-4.42E+00	-1.20E+00	
	184.00	-1.00E-04	5.79E-06	6.45E-06	9.20E-05	1.54E-05	-5.03E-05	2.30E-05	-1.17E-04				
122	547.50	-2.39E+00	1.26E+00	-2.33E-01	4.11E+00	1.60E-01	-2.52E+00	3.93E+00	-5.06E+00	56.99	2.98E+00	-2.76E+00	
	200.00	-7.71E-05	6.35E-05	6.08E-06	3.16E-04	1.39E-05	-1.94E-04	1.66E-04	-1.80E-04				
123	515.50	1.06E+00	1.95E+00	1.70E+00	1.89E+00	-4.35E-01	-2.07E+00	3.45E+00	-4.33E-01	51.62	1.06E+00	1.89E+00	
	216.00	-1.09E-05	2.33E-05	1.35E-05	1.45E-04	-3.34E-05	-1.59E-04	8.08E-05	-6.85E-05				
124	515.50	-2.35E+00	-1.32E+00	-1.12E+00	5.19E-01	-8.48E-01	-4.30E-01	-1.11E+00	-2.57E+00	67.40	-1.32E+00	-5.19E-01	
	232.00	-3.78E-05	1.82E-06	9.64E-06	3.99E-05	-6.52E-05	-3.31E-05	1.01E-05	-4.61E-05				
125	547.50	-1.49E+00	-9.07E-01	-6.27E-01	9.95E-01	-4.25E-01	-6.82E-01	-1.61E-01	-2.23E+00	53.10	-4.73E-01	-7.42E-01	
	248.00	-2.40E-05	-1.72E-06	9.08E-06	7.65E-05	-3.27E-05	-5.25E-05	2.70E-05	-5.27E-05				
126	515.50	1.61E+00	2.55E+00	2.23E+00	-1.25E-01	-6.28E-01	-1.92E+00	2.56E+00	1.59E+00	-82.56	1.61E+00	-1.25E-01	
	264.00	-8.32E-06	2.78E-05	1.56E-05	-9.60E-06	-4.83E-05	-1.48E-04	2.85E-05	-8.95E-06				
127	515.50	-1.46E+00	-8.61E-01	-6.32E-01	2.49E-01	-1.38E+00	-2.32E-01	-7.70E-01	-1.55E+00	70.02	-8.61E-01	-2.49E-01	
	276.00	-2.36E-05	-6.98E-07	8.09E-06	1.92E-05	-1.06E-04	-1.78E-05	2.79E-06	-2.71E-05				
128	531.50	4.91E-01	3.79E-01	7.80E-01	1.39E-01	-5.63E-01	-1.31E-01	5.84E-01	2.86E-01	34.05	4.91E-01	1.39E-01	
	297.00	7.40E-07	-3.54E-06	1.19E-05	1.07E-05	-4.33E-05	-1.01E-05	4.34E-06	-7.14E-06				
129	515.50	3.23E+00	3.22E+00	3.11E+00	-5.26E-01	-6.18E-01	-1.39E+00	3.75E+00	2.70E+00	-44.70	3.23E+00	-5.26E-01	
	320.00	1.92E-05	1.87E-05	1.46E-05	-4.05E-05	-4.75E-05	-1.07E-04	3.92E-05	-1.31E-06				
130	565.50	5.60E-02	1.71E-01	-5.58E-01	6.98E+00	1.84E+00	-5.64E+00	7.10E+00	-6.87E+00	45.24	5.59E-02	6.98E+00	
	-8.00	5.79E-06	1.02E-05	-1.78E-05	5.37E-04	1.42E-04	-4.34E-04	2.77E-04	-2.61E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .6900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.6396E+02	-.4031E+03	.1616E+03	.8186E+02	.2049E+03	-.1355E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1047E+02	.4923E+01	.2455E+01	.6715E+02	-.5428E+02	-.6572E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.9504E+01	-.1593E+01	.1138E+01	.1061E+03	-.1225E+03	-.1167E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1321E+02	.2989E+01	.3267E+00	.1479E+03	-.1906E+03	-.1733E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1433E+02	-.2087E+01	.3083E+00	.1904E+03	-.2581E+03	-.2325E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1203E+01	-.1384E+01	.9422E+00	.2550E+03	-.3264E+03	-.3023E+03
25	.3305E+02	.5365E+01	.2536E+00	.3188E+03	-.3596E+03	-.3694E+03
	-.1962E+02	-.2294E+01	.9953E-01	.3449E+03	-.3797E+03	-.4186E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1619E+03	-.3179E+02	.5819E+01	.3524E+03	-.5204E+03	-.4579E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3018E+04	.5150E+03	-.1481E+02	.4943E+03	-.1377E+04	-.7168E+03
40	.2039E+04	.3125E+03	.1033E+02	.4635E+03	-.1360E+04	-.6605E+03
41	.1269E+04	.1631E+03	.2953E+02	.4002E+03	-.1233E+04	-.5752E+03
42	.2835E+03	.1579E+02	.2531E+02	.3515E+03	-.8788E+03	-.5021E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2742E+04	-.3506E+03	-.1523E+02	.6783E+02	-.1439E+04	.3457E+03
48	-.2365E+04	-.3066E+03	-.1675E+02	.1759E+03	-.1330E+04	.2501E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.4445E+04	-.6789E+03	-.2048E+02	-.2865E+02	-.9799E+03	.1100E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1113E+02	.2786E+02	-.1260E+01	.3823E+02	-.1419E+04	.3228E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3046E+04	-.4636E+03	-.2040E+02	.2669E+02	-.7976E+03	.1040E+04
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2137E+04	-.3270E+03	-.2748E+02	.2280E+02	-.7571E+03	.1012E+04
66	-.7298E+03	-.1150E+03	-.3468E+02	.1603E+02	-.6505E+03	.1054E+04
67	.1453E+04	.2132E+03	-.3478E+02	.1910E+02	-.5435E+03	.1053E+04
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.2589E+04	.3839E+03	-.2951E+02	.1357E+03	-.4605E+03	.1027E+04
76	-.2756E+03	-.4489E+02	-.2044E+02	.1750E+03	-.2405E+03	.1032E+04
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1086E+04	.1608E+03	-.1503E+02	.2005E+03	-.1853E+03	.9997E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.4544E+03	-.6939E+02	-.1095E+02	.2641E+03	-.8751E+02	.9684E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.6356E+03	.9548E+02	-.9723E+01	.2155E+03	.4675E+02	.8991E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.4140E+03	-.6113E+02	-.8158E+01	.1960E+03	.1301E+03	.8236E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.4751E+03	.7334E+02	-.8375E+01	.1925E+03	.2425E+03	.7395E+03
109	-.2771E+03	-.3873E+02	-.7276E+01	.1941E+03	.3217E+03	.6411E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.3965E+03	.6324E+02	-.7179E+01	.1226E+03	.4069E+03	.5276E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2191E+03	.3715E+02	-.1812E+01	.7601E+02	.4526E+03	.4124E+03
115	.4191E+02	.1084E+02	-.3355E+00	.3706E+02	.4591E+03	.2948E+03
116	.1602E+03	.2929E+02	.7175E+00	.6745E+01	.4917E+03	.2140E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1612E+03	.2976E+02	.2307E+01	.4132E+02	.5121E+03	.1973E+03
119	.8594E+02	.1816E+02	.3391E+01	-.4535E+02	.4722E+03	.1037E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.3090E+03	.4252E+02	.1866E+02	-.5163E+02	.4772E+03	.4801E+02
122	.2621E+03	.2393E+02	.3408E+02	.1392E+02	.4158E+03	.5768E+02
123	.2017E+03	.1656E+02	.3028E+02	.9763E+01	.3652E+03	.5253E+02
124	.1501E+03	.1190E+02	.2089E+02	.6875E+01	.3025E+03	.4836E+02
125	.1020E+03	.6799E+01	.1534E+02	.4471E+01	.2519E+03	.4436E+02
126	.3804E+02	-.3529E+01	.1434E+02	.1439E+01	.2147E+03	.4009E+02
127	-.9707E+01	-.1165E+02	.1474E+02	-.6586E+00	.1863E+03	.3453E+02
128	-.5998E+02	-.1873E+02	.1448E+02	-.5647E+01	.1268E+03	.2818E+02
129	-.6310E+02	-.1663E+02	.1261E+02	-.7987E+01	.7759E+02	.2237E+02
130	-.4511E+02	-.1044E+02	.9732E+01	-.8479E+01	.4026E+02	.1799E+02
131	-.1247E+02	-.1969E+01	.7036E+01	-.7481E+01	.1820E+02	.1497E+02
132	.1240E+01	.8625E+00	.5272E+01	-.4953E+01	.1679E+02	.1265E+02
133	.2300E+01	.7358E+00	.4759E+01	-.3417E+01	.1717E+02	.1050E+02
134	.6524E+00	.2340E+00	.4697E+01	-.2619E+01	.1415E+02	.8229E+01
135	.4466E-01	.3325E-01	.5271E+01	-.2005E+01	.1002E+02	.6069E+01
136	-.6283E-02	.3727E-01	.6994E+01	-.1418E+01	.6529E+01	.4061E+01
137	-.1023E+00	-.3262E-01	.1086E+02	-.1047E+01	.2971E+01	.2227E+01
138	.2495E-01	.2120E+00	.1688E+03	-.7807E+00	-.8107E+00	.1138E+01
139	.1583E+00	.2566E+00	-.2247E+02	-.1159E+00	.4403E+00	-.4592E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.16676E-01	-.10249E-03	.16867E-01	.00000E+00
3	-.30469E-01	-.36509E-03	.30439E-01	.00000E+00
4	-.32987E-01	-.37787E-03	.32808E-01	.00000E+00
5	-.35535E-01	.44743E-04	.35550E-01	.00000E+00
6	-.40191E-01	-.93439E-05	.40183E-01	-.14598E-04
7	-.36914E-01	-.98487E-03	.37511E-01	.00000E+00
8	-.40321E-01	-.79143E-03	.40505E-01	-.34681E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.16692E-01	-.26734E-03	.16940E-01	.00000E+00
11	-.30691E-01	-.61211E-03	.31344E-01	.00000E+00
12	-.34087E-01	-.77399E-03	.34896E-01	.00000E+00

	-.26027E-01	-.64524E-03	.37435E-01	.00000E+00
	-.40556E-01	-.95256E-03	.41367E-01	.78814E-05
15	-.37340E-01	-.16765E-02	.39723E-01	.00000E+00
16	-.40916E-01	-.15710E-02	.42775E-01	-.93236E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.16828E-01	-.46308E-03	.17935E-01	.00000E+00
19	-.31254E-01	-.10370E-02	.33455E-01	.00000E+00
20	-.34789E-01	-.13273E-02	.37408E-01	.00000E+00
21	-.37794E-01	-.10776E-02	.40247E-01	.00000E+00
22	-.41396E-01	-.14291E-02	.44734E-01	-.50553E-05
23	-.38744E-01	-.26496E-02	.44112E-01	.00000E+00
24	-.42010E-01	-.25045E-02	.47289E-01	-.19654E-04
25	-.42435E-01	-.30356E-02	.48906E-01	-.26829E-05
26	-.42696E-01	-.30969E-02	.49853E-01	-.33866E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.16697E-01	-.90514E-03	.18989E-01	.00000E+00
29	-.31784E-01	-.19171E-02	.35881E-01	.00000E+00
30	-.35578E-01	-.24290E-02	.40541E-01	.00000E+00
31	-.39171E-01	-.28724E-02	.45200E-01	.00000E+00
32	-.42945E-01	-.34365E-02	.50895E-01	-.51732E-04
33	-.39011E-01	-.38781E-02	.45430E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.16483E-01	-.11343E-02	.19176E-01	.00000E+00
36	-.31900E-01	-.24442E-02	.36650E-01	.00000E+00
37	-.35916E-01	-.28043E-02	.40702E-01	.00000E+00
38	-.40122E-01	-.36348E-02	.47155E-01	.00000E+00
39	-.43509E-01	-.48137E-02	.52733E-01	.16148E-04
40	-.43423E-01	-.48110E-02	.52310E-01	-.14377E-04
41	-.43341E-01	-.45415E-02	.51912E-01	-.32865E-04
42	-.43172E-01	-.40502E-02	.51455E-01	-.47969E-04
43	-.35170E-01	-.33739E-02	.40856E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.15098E-01	-.32961E-03	.18164E-01	.00000E+00
46	-.31356E-01	-.22262E-02	.36209E-01	.00000E+00
47	-.43551E-01	-.46481E-02	.52906E-01	.21249E-04
48	-.43538E-01	-.47353E-02	.52872E-01	.28907E-04
49	-.40054E-01	-.37494E-02	.46826E-01	.00000E+00
50	-.43913E-01	-.47553E-02	.53048E-01	.91545E-04
51	-.40035E-01	-.39240E-02	.46494E-01	.00000E+00
52	-.45046E-01	-.42588E-02	.50754E-01	.00000E+00
53	-.43587E-01	-.44852E-02	.53031E-01	.97496E-05
54	-.34766E-01	-.23986E-02	.38711E-01	.00000E+00
55	-.39135E-01	-.32621E-02	.42865E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.12885E-01	-.15261E-02	.14234E-01	.00000E+00
58	-.27804E-01	-.13392E-02	.27451E-01	.00000E+00
59	-.45702E-01	-.35920E-02	.49137E-01	.00000E+00
60	-.44984E-01	-.41396E-02	.49626E-01	.00000E+00
61	-.44270E-01	-.47708E-02	.53171E-01	.14279E-03
62	-.32811E-01	-.14025E-02	.33103E-01	.00000E+00
63	-.37964E-01	-.16585E-02	.39083E-01	.00000E+00
64	-.45980E-01	-.43023E-02	.51399E-01	.00000E+00
65	-.44755E-01	-.47956E-02	.53284E-01	.17834E-03
66	-.45963E-01	-.48132E-02	.53513E-01	.21801E-03
67	-.47273E-01	-.48392E-02	.53763E-01	.20898E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.10098E-01	.83404E-04	.91065E-02	.00000E+00
70	-.29362E-01	-.74345E-03	.29237E-01	.00000E+00
71	-.44208E-01	-.20532E-02	.45215E-01	.00000E+00
72	-.47175E-01	-.43056E-02	.51688E-01	.00000E+00
73	-.36256E-01	-.10690E-02	.34677E-01	.00000E+00
74	-.50084E-01	-.44328E-02	.53708E-01	.00000E+00
75	-.48395E-01	-.48629E-02	.53981E-01	.16051E-03
76	-.49926E-01	-.49491E-02	.54356E-01	.11383E-03

77	-.41935E-01	-.12367E-02	.40917E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.11984E-01	-.46921E-03	.12645E-01	.00000E+00
80	-.27829E-01	-.13329E-02	.27233E-01	.00000E+00
81	-.30967E-01	-.25147E-03	.29988E-01	.00000E+00
82	-.34670E-01	-.37525E-03	.34923E-01	.00000E+00
83	-.49407E-01	-.25094E-02	.50103E-01	.00000E+00
84	-.46324E-01	-.15357E-02	.46265E-01	.00000E+00
85	-.51667E-01	-.50201E-02	.54859E-01	.91625E-04
86	-.51898E-01	-.45941E-02	.54809E-01	.00000E+00
87	-.42210E-01	-.10234E-02	.40432E-01	.00000E+00
88	-.51811E-01	-.39525E-02	.53166E-01	.00000E+00
89	-.52884E-01	-.51344E-02	.55317E-01	.74543E-04
90	-.32544E-01	.46708E-04	.26083E-01	.00000E+00
91	-.34996E-01	.74570E-04	.28210E-01	.00000E+00
92	-.37736E-01	-.67762E-03	.29889E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.14112E-01	.00000E+00	.11507E-01	.00000E+00
95	-.25901E-01	.00000E+00	.20569E-01	.00000E+00
96	-.29645E-01	.00000E+00	.23301E-01	.00000E+00
97	-.31022E-01	.00000E+00	.23539E-01	.00000E+00
98	-.30560E-01	.00000E+00	.23131E-01	.00000E+00
99	-.33312E-01	-.26346E-03	.24904E-01	.00000E+00
100	-.41392E-01	-.10375E-02	.33571E-01	.00000E+00
101	-.49793E-01	-.26307E-02	.47724E-01	.00000E+00
102	-.54753E-01	-.52802E-02	.55990E-01	.66392E-04
103	-.51926E-01	-.31876E-02	.52450E-01	.00000E+00
104	-.55296E-01	-.50782E-02	.56580E-01	.00000E+00
105	-.56063E-01	-.53904E-02	.56535E-01	.56589E-04
106	-.54405E-01	-.37651E-02	.55700E-01	.00000E+00
107	-.57408E-01	-.54006E-02	.57690E-01	.00000E+00
108	-.57530E-01	-.55060E-02	.57054E-01	.54063E-04
109	-.58616E-01	-.55944E-02	.57423E-01	.46068E-04
110	-.57936E-01	-.60933E-02	.58118E-01	.00000E+00
111	-.59867E-01	-.60953E-02	.59402E-01	.00000E+00
112	-.59768E-01	-.56965E-02	.57745E-01	.41152E-04
113	-.59375E-01	-.56977E-02	.58596E-01	.00000E+00
114	-.60424E-01	-.57034E-02	.57876E-01	.15120E-04
115	-.60621E-01	-.57515E-02	.57969E-01	.47109E-05
116	-.60687E-01	-.57166E-02	.57855E-01	-.11017E-05
117	-.60259E-01	-.62387E-02	.59894E-01	.00000E+00
118	-.60641E-01	-.57207E-02	.57807E-01	-.63181E-05
119	-.60460E-01	-.57185E-02	.57687E-01	-.11028E-04
120	-.60659E-01	-.62258E-02	.59456E-01	.00000E+00
121	-.60111E-01	-.56505E-02	.57421E-01	-.20402E-04
122	-.60069E-01	-.54749E-02	.57455E-01	-.25907E-04
123	-.60002E-01	-.53038E-02	.57472E-01	-.30395E-04
124	-.59923E-01	-.51031E-02	.57490E-01	-.35758E-04
125	-.59813E-01	-.48654E-02	.57504E-01	-.42494E-04
126	-.59586E-01	-.43870E-02	.57529E-01	-.51432E-04
127	-.59331E-01	-.38501E-02	.57550E-01	-.54540E-04
128	-.58812E-01	-.26980E-02	.57594E-01	-.49606E-04
129	-.58417E-01	-.17455E-02	.57632E-01	-.36372E-04
130	-.58132E-01	-.10361E-02	.57672E-01	-.21020E-04
131	-.57984E-01	-.54146E-03	.57736E-01	-.25599E-05
132	-.58005E-01	-.57620E-03	.57796E-01	.24682E-05
133	-.58031E-01	-.63461E-03	.57851E-01	.34041E-06
134	-.58029E-01	-.58027E-03	.57899E-01	-.18240E-05
135	-.58016E-01	-.45524E-03	.57940E-01	-.29204E-05
136	-.58004E-01	-.31139E-03	.57968E-01	-.28818E-05
137	-.57998E-01	-.16527E-03	.57988E-01	-.31369E-05
138	-.57994E-01	-.21315E-04	.57994E-01	-.34504E-05
139	-.57994E-01	-.28107E-05	.57994E-01	-.35E-05

EARTHQUAKE [illegible]STS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.66E-02	-7.03E-02	8.18E-03	-2.05E+00	-1.40E-02	2.08E+00	2.00E+00	-2.09E+00	-44.69	-2.66E-02	-2.05E+00
	-303.00	-5.89E-08	-2.04E-06	1.52E-06	-1.86E-04	-1.27E-06	1.89E-04	9.19E-05	-9.40E-05			
2	72.00	-3.76E-02	-9.47E-02	6.15E-02	-1.71E+00	-3.46E-03	1.76E+00	1.65E+00	-1.78E+00	-44.52	-3.76E-02	-1.71E+00
	-213.00	-7.90E-07	-3.39E-06	3.72E-06	-1.56E-04	-3.14E-07	1.60E-04	7.58E-05	-8.00E-05			
3	72.00	-2.54E-01	-1.18E-01	1.39E-01	-1.14E+00	1.32E-01	1.25E+00	9.51E-01	-1.32E+00	-46.72	-2.54E-01	-1.14E+00
	-138.00	-4.55E-06	-1.46E-06	4.38E-06	-5.15E-05	6.02E-06	5.67E-05	2.26E-05	-2.88E-05			
4	24.00	-1.69E+00	-1.07E+00	-1.37E+00	-2.14E+00	4.51E-01	2.41E+00	7.88E-01	-3.54E+00	-49.00	-1.68E+00	-2.14E+00
	-68.00	-1.92E-05	3.97E-06	-7.46E-06	-1.65E-04	3.47E-05	1.86E-04	7.56E-05	-9.07E-05			
5	72.00	6.50E-01	3.99E-01	8.29E-01	-9.71E-01	-5.13E-03	5.90E-01	1.50E+00	-4.55E-01	-41.33	3.69E-01	9.71E-01
	-88.00	4.36E-06	-5.27E-06	1.12E-05	-7.47E-05	-3.95E-07	7.61E-05	3.72E-05	-3.81E-05			
6	120.00	3.77E-01	4.02E-01	5.57E-01	-1.78E+00	-1.01E-01	1.75E+00	2.17E+00	-1.39E+00	-45.20	-1.36E+00	3.34E-01
	-68.00	-1.80E-07	7.76E-07	6.74E-06	-1.37E-04	-7.78E-06	1.35E-04	6.88E-05	-6.82E-05			
7	36.25	-4.70E-01	-1.62E-01	-5.51E-02	-1.07E+00	1.36E-01	1.01E+00	7.62E-01	-1.39E+00	-49.10	-4.33E-01	-1.07E+00
	-19.00	-1.05E-05	1.31E-06	5.43E-06	-8.21E-05	1.05E-05	7.76E-05	3.69E-05	-4.61E-05			
8	108.00	6.46E-02	8.22E-02	2.36E-01	-7.73E-01	7.81E-03	8.78E-01	8.46E-01	-7.00E-01	-45.33	6.46E-02	-7.73E-01
	-19.00	-1.72E-06	-1.04E-06	4.86E-06	-5.95E-05	6.01E-07	6.75E-05	2.94E-05	-3.11E-05			
9	216.00	-1.41E-01	-2.20E-01	-9.59E-02	-2.06E+00	2.08E-02	2.14E+00	1.88E+00	-2.24E+00	-44.45	-1.41E-01	-2.06E+00
	-303.00	-4.73E-07	-4.06E-06	1.57E-06	-1.87E-04	1.89E-06	1.95E-04	9.12E-05	-9.57E-05			
10	216.00	-1.73E-01	-2.31E-01	-1.12E-02	-1.76E+00	6.50E-02	1.86E+00	1.56E+00	-1.96E+00	-44.53	-1.73E-01	-1.76E+00
	-213.00	-2.47E-06	-5.10E-06	4.88E-06	-1.60E-04	5.90E-06	1.69E-04	7.62E-05	-8.38E-05			
11	216.00	-2.26E-01	-1.96E-01	2.90E-01	-1.35E+00	1.93E-01	1.47E+00	1.14E+00	-1.56E+00	-45.31	-2.26E-01	-1.35E+00
	-138.00	-4.44E-06	-3.77E-06	7.28E-06	-6.12E-05	8.77E-06	6.69E-05	2.65E-05	-3.47E-05			
12	168.00	-7.56E-01	-8.86E-01	-4.82E-01	-2.12E+00	3.50E-01	2.21E+00	1.30E+00	-2.94E+00	-44.12	-7.56E-01	-2.12E+00
	-68.00	-5.73E-06	-1.08E-05	4.81E-06	-1.63E-04	2.70E-05	1.70E-04	7.34E-05	-8.99E-05			
13	216.00	7.97E-01	3.63E-01	9.05E-01	-8.97E-01	8.69E-02	8.32E-01	1.50E+00	-3.43E-01	-38.21	3.63E-01	8.97E-01
	-88.00	7.95E-06	-8.73E-06	1.21E-05	-6.90E-05	6.69E-06	6.40E-05	3.51E-05	-3.59E-05			
14	264.00	1.54E-01	3.83E-01	5.76E-01	-1.75E+00	-3.43E-02	1.80E+00	2.02E+00	-1.48E+00	-46.88	-1.43E+00	4.28E-01
	-68.00	-6.30E-06	2.50E-06	9.92E-06	-1.34E-04	-2.64E-06	1.38E-04	6.54E-05	-6.92E-05			
15	180.00	-1.11E-01	-1.78E-02	2.30E-01	-9.56E-01	2.33E-01	8.70E-01	8.93E-01	-1.02E+00	-46.39	-1.11E-01	-9.56E-01
	-19.00	-5.37E-06	-1.80E-06	7.73E-06	-7.35E-05	1.79E-05	6.69E-05	3.32E-05	-4.04E-05			
16	252.00	-9.87E-02	1.48E-02	3.29E-01	-7.38E-01	9.47E-02	9.19E-01	6.98E-01	-7.82E-01	-47.20	-9.87E-02	-7.38E-01
	-19.00	-6.49E-06	-2.12E-06	9.95E-06	-5.67E-05	7.29E-06	7.07E-05	2.41E-05	-3.28E-05			
17	361.00	-2.01E-01	-3.78E-01	-1.59E-01	-2.07E+00	1.38E-02	2.27E+00	1.78E+00	-2.36E+00	-43.77	-2.01E-01	-2.07E+00
	-303.00	4.49E-07	-7.60E-06	2.35E-06	-1.88E-04	1.26E-06	2.06E-04	9.04E-05	-9.75E-05			
18	361.00	-1.99E-01	-2.72E-01	-2.15E-02	-1.86E+00	5.73E-02	2.01E+00	1.57E+00	-2.14E+00	-43.67	-1.99E-01	-1.86E+00
	-213.00	-1.36E-06	-9.20E-06	6.71E-06	-1.69E-04	5.21E-06	1.83E-04	7.92E-05	-8.97E-05			
19	361.00	-2.31E-01	-3.01E-01	3.90E-01	-1.50E+00	2.07E-01	1.68E+00	1.23E+00	-1.76E+00	-44.33	-2.31E-01	-1.50E+00
	-138.00	-4.51E-06	-6.10E-06	9.61E-06	-6.81E-05	9.43E-06	7.65E-05	2.87E-05	-3.94E-05			
20	312.00	-1.31E+00	-1.32E+00	-7.48E-01	-2.44E+00	5.89E-01	2.74E+00	1.13E+00	-3.76E+00	-44.93	-1.31E+00	-2.44E+00
	-68.00	-1.33E-05	-1.37E-05	8.39E-06	-1.88E-04	4.53E-05	2.11E-04	8.05E-05	-1.07E-04			
21	360.67	1.27E+00	8.35E-01	1.34E+00	-1.20E+00	6.10E-02	1.25E+00	2.28E+00	-1.72E-01	-39.90	8.35E-01	1.20E+00
	-88.00	1.09E-05	-5.74E-06	1.38E-05	-9.27E-05	4.69E-06	9.63E-05	4.97E-05	-4.45E-05			
22	409.33	-7.76E-01	-1.11E+00	-3.12E-01	-2.28E+00	3.34E-02	2.87E+00	1.35E+00	-3.23E+00	-42.93	-3.21E+00	3.10E-01
	-68.00	-5.72E-06	-1.85E-05	1.21E-05	-1.76E-04	2.57E-06	2.21E-04	7.60E-05	-1.00E-04			
23	324.00	-2.83E-01	-4.58E-02	3.30E-01	-1.01E+00	4.15E-01	9.36E-01	8.51E-01	-1.18E+00	-48.35	-2.83E-01	-1.01E+00
	-19.00	-1.09E-05	-1.78E-06	1.27E-05	-7.76E-05	3.19E-05	7.20E-05	3.27E-05	-4.54E-05			
24	372.00	-2.30E-01	4.77E-02	4.52E-01	-2.47E+00	3.96E-01	2.59E+00	2.38E+00	-2.56E+00	-46.61	-2.30E-01	-2.47E+00
	-9.33	-1.19E-05	-1.13E-06	1.44E-05	-1.90E-04	3.05E-05	1.99E-04	8.87E-05	-1.02E-04			
25	401.25	-4.59E-02	6.91E-02	5.77E-01	-3.17E-01	1.49E-01	1.10E+00	8.30E-01	-8.07E-01	-47.01	7.18E-01	-4.14E-01
	-19.00	-8.36E-06	-3.94E-06	1.56E-05	-6.28E-05	1.15E-05	6.47E-05	2.53E-05	-3.76E-05			
26	427.67	-1.46E+00	-1.67E+00	-7.40E-01	-2.77E+00	5.29E-01	3.68E+00	1.21E+00	-4.34E+00	-43.90	-3.12E+00	-2.30E+00
	-9.33	-1.36E-05	-2.18E-05	1.41E-05	-2.13E-04	4.07E-05	2.83E-04	8.91E-05	-1.24E-04			
27	457.00	-2.39E-01	-5.47E-01	-2.31E-01	-2.06E+00	-7.65E-03	2.34E+00	1.67E+00	-2.46E+00	-42.87	-2.39E-01	-2.06E+00
	-303.00	2.33E-06	-1.17E-05	2.73E-06	-1.87E-04	-6.96E-07	2.13E-04	8.93E-05	-9.87E-05			
28	457.00	-1.66E-01	-4.75E-01	-2.34E-02	-1.95E+00	3.10E-02	2.14E+00	1.64E+00	-2.28E+00	-42.74	-1.66E-01	-1.95E+00
	-213.00	1.07E-06	-1.30E-05	7.57E-06	-1.79E-04	2.82E-06	1.94E-04	8.31E-05	-9.50E-05			
29	457.00	-2.65E-01	-3.42E-01	4.00E-01	-1.63E+00	-1.30E-03	1.71E+00	1.33E+00	-1.93E+00	-44.32	-2.65E-01	-1.63E+00

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	-138.00	-4.93E-06	-6.68E-06	1.02E-05	-7.41E-05	-5.90E-08	7.79E-05	3.13E-05	-4.29E-05				
30	442.00	-9.19E-01	-2.10E+00	-8.00E-01	-2.85E+00	-2.15E-02	3.15E+00	1.40E+00	-4.42E+00	-39.11	-9.18E-01	-2.85E+00	
	-68.00	6.70E-06	-3.89E-05	1.12E-05	-2.19E-04	-1.66E-06	2.42E-04	9.57E-05	-1.28E-04				
31	457.33	3.24E+00	1.15E+00	2.15E+00	-9.26E-01	-1.35E+00	1.64E+00	2.60E+00	8.22E-01	-20.92	1.18E+00	9.26E-01	
	-88.00	5.26E-05	-2.70E-05	1.05E-05	-7.12E-05	-1.06E-04	1.26E-04	6.62E-05	-4.06E-05				
32	472.67	-5.89E+00	-5.81E+00	-4.31E+00	-2.38E+00	8.88E-01	3.90E+00	-3.46E+00	-8.23E+00	-45.45	-7.42E+00	-1.80E+00	
	-68.00	-5.05E-05	-4.76E-05	1.01E-05	-1.83E-04	6.83E-05	3.00E-04	4.27E-05	-1.41E-04				
33	443.00	-4.50E-01	-5.12E-01	2.04E-01	-1.52E+00	2.13E-01	1.49E+00	1.04E+00	-2.00E+00	-44.41	-4.50E-01	-1.52E+00	
	-10.50	-8.97E-06	-1.14E-05	1.62E-05	-1.17E-04	1.64E-05	1.14E-04	4.84E-05	-6.88E-05				
34	454.00	-4.89E+00	-4.22E+00	-3.13E+00	-3.68E+00	1.07E+00	4.68E+00	-8.62E-01	-8.25E+00	-47.61	-6.37E+00	-3.22E+00	
	-11.33	-5.36E-05	-2.78E-05	1.41E-05	-2.83E-04	8.26E-05	3.60E-04	1.01E-04	-1.83E-04				
35	461.67	-2.04E+00	-2.93E+00	-1.49E+00	-3.47E+00	2.89E-01	4.89E+00	1.01E+00	-5.98E+00	-41.33	-2.04E+00	-3.47E+00	
	-12.00	-7.47E-06	-4.18E-05	1.39E-05	-2.67E-04	2.22E-05	3.76E-04	1.10E-04	-1.59E-04				
36	469.00	3.00E+00	9.14E-01	2.11E+00	-3.16E-01	-1.20E+00	1.96E+00	3.04E+00	8.67E-01	-8.44	9.14E-01	3.16E-01	
	-30.00	4.91E-05	-3.10E-05	1.50E-05	-2.43E-05	-9.25E-05	1.51E-04	5.09E-05	-3.28E-05				
37	476.33	-3.07E+00	-4.48E+00	-2.48E+00	-2.43E+00	3.08E-01	4.03E+00	-1.25E+00	-6.31E+00	-36.90	-4.08E+00	-2.51E+00	
	-12.00	-7.81E-06	-6.21E-05	1.48E-05	-1.87E-04	2.37E-05	3.10E-04	6.23E-05	-1.32E-04				
38	558.50	4.11E-02	-2.45E-01	-1.60E-03	-1.90E+00	-6.40E-02	2.29E+00	1.80E+00	-2.00E+00	-42.84	4.11E-02	-1.90E+00	
	-303.00	4.54E-06	-8.47E-06	2.60E-06	-1.72E-04	-5.82E-06	2.08E-04	8.45E-05	-8.84E-05				
39	558.50	-5.19E-02	-5.74E-01	-3.82E-02	-1.90E+00	-1.27E-01	2.20E+00	1.60E+00	-2.23E+00	-41.09	-5.19E-02	-1.90E+00	
	-213.00	6.27E-06	-1.75E-05	6.89E-06	-1.73E-04	-1.15E-05	2.00E-04	8.16E-05	-9.28E-05				
40	506.17	1.34E-01	-1.49E+00	1.29E-01	-4.30E+00	-1.63E-01	4.62E+00	3.70E+00	-5.06E+00	-39.64	1.34E-01	-4.30E+00	
	-128.00	9.50E-06	-2.75E-05	9.38E-06	-1.96E-04	-7.43E-06	2.10E-04	9.05E-05	-1.09E-04				
41	558.50	1.74E+00	-8.92E-01	7.53E-01	-1.88E+00	-9.66E-01	2.64E+00	2.72E+00	-1.87E+00	-27.45	-8.92E-01	1.88E+00	
	-148.00	3.12E-05	-2.87E-05	8.69E-06	-8.53E-05	-4.39E-05	1.20E-04	5.34E-05	-5.08E-05				
42	610.83	-1.63E-01	-1.48E+00	-3.94E-02	-3.63E+00	-7.76E-01	3.62E+00	2.86E+00	-4.51E+00	-39.84	-4.50E+00	3.15E-01	
	-128.00	5.14E-06	-2.49E-05	7.95E-06	-1.65E-04	-3.53E-05	1.64E-04	7.39E-05	-9.36E-05				
43	501.38	5.96E-01	-4.16E-02	6.62E-01	-1.01E+00	-3.17E-01	1.34E+00	1.33E+00	-7.79E-01	-36.22	5.96E-01	-1.01E+00	
	-78.00	9.55E-06	-1.50E-05	1.21E-05	-7.75E-05	-2.44E-05	1.03E-04	3.79E-05	-4.33E-05				
44	534.67	-7.06E-01	-1.35E+00	-4.26E-01	-3.20E+00	-1.99E-01	3.82E+00	2.19E+00	-4.24E+00	-42.12	-4.24E+00	2.37E-01	
	-68.00	2.57E-07	-2.46E-05	1.06E-05	-2.46E-04	-1.53E-05	2.94E-04	1.11E-04	-1.36E-04				
45	584.67	5.44E-01	-1.83E-01	4.98E-01	-2.86E+00	-7.27E-01	2.95E+00	3.06E+00	-2.70E+00	-41.38	5.44E-01	-2.86E+00	
	-68.00	1.15E-05	-1.65E-05	9.73E-06	-2.20E-04	-5.59E-05	2.27E-04	1.08E-04	-1.13E-04				
46	610.83	3.14E+00	2.51E-01	1.59E+00	-1.51E+00	-1.48E+00	2.32E+00	3.78E+00	-3.98E-01	-23.20	2.51E-01	1.51E+00	
	-88.00	6.59E-05	-4.50E-05	6.46E-06	-1.16E-04	-1.14E-04	1.78E-04	9.09E-05	-7.00E-05				
47	482.63	3.57E-02	-5.23E-01	4.15E-01	-7.64E-01	-3.58E-01	1.51E+00	5.70E-01	-1.06E+00	-34.95	3.57E-02	-7.64E-01	
	-21.00	2.17E-06	-1.93E-05	1.68E-05	-5.88E-05	-2.75E-05	1.16E-04	2.27E-05	-3.99E-05				
48	485.83	-2.24E+00	-3.49E+00	-1.78E+00	-2.20E+00	-5.55E-02	4.48E+00	-5.75E-01	-5.14E+00	-37.09	-2.53E+00	-2.26E+00	
	-12.00	-3.61E-06	-5.15E-05	1.39E-05	-1.69E-04	-4.27E-06	3.45E-04	6.03E-05	-1.15E-04				
49	507.88	1.31E-01	-1.60E-01	5.62E-01	-8.19E-01	-2.02E-01	1.63E+00	8.18E-01	-8.46E-01	-39.96	1.31E-01	-8.19E-01	
	-21.00	-8.13E-07	-1.20E-05	1.58E-05	-6.30E-05	-1.56E-05	1.25E-04	2.56E-05	-3.84E-05				
50	538.67	-5.76E-01	-1.06E+00	-2.20E-01	-2.86E+00	-9.82E-01	3.36E+00	2.05E+00	-3.69E+00	-42.56	-3.69E+00	3.35E-02	
	-10.00	-1.70E-06	-2.05E-05	1.20E-05	-2.20E-04	-7.56E-05	2.58E-04	9.95E-05	-1.22E-04				
51	484.67	8.35E+00	5.76E+00	6.35E+00	2.33E-01	-5.27E-01	5.06E-01	8.37E+00	5.74E+00	5.08	5.76E+00	-2.33E-01	
	8.00	9.64E-05	-3.32E-06	1.93E-05	1.79E-05	-4.06E-05	3.89E-05	9.72E-05	-4.11E-06				
52	507.00	-1.64E+00	-2.17E+00	-9.20E-01	-1.17E+00	-4.43E-01	-1.13E+00	-7.01E-01	-3.11E+00	-38.74	-2.80E+00	-8.05E-01	
	9.00	-1.13E-05	-3.13E-05	1.66E-05	-9.04E-05	-3.41E-05	-8.73E-05	2.50E-05	-6.76E-05				
53	603.00	1.14E-01	-5.33E-02	3.00E-01	-1.13E+00	-4.73E-01	1.16E+00	1.17E+00	-1.11E+00	-42.89	8.02E-01	-8.34E-01	
	-18.00	4.20E-07	-6.01E-06	7.57E-06	-8.72E-05	-3.64E-05	8.96E-05	4.09E-05	-4.65E-05				
54	712.00	9.34E-02	-2.53E-01	-3.16E-02	-1.75E+00	-1.61E-01	1.99E+00	1.66E+00	-1.86E+00	-41.85	9.34E-02	-1.75E+00	
	-303.00	7.25E-06	-1.03E-05	1.56E-06	-1.59E-04	-1.47E-05	1.81E-04	7.86E-05	-8.16E-05				
55	712.00	9.80E-01	3.51E-01	6.29E-01	-1.92E+00	-5.00E-01	1.93E+00	2.61E+00	-1.28E+00	-40.35	9.80E-01	-1.92E+00	
	-213.00	1.91E-05	-9.50E-06	3.14E-06	-1.74E-04	-4.54E-05	1.76E-04	9.32E-05	-8.36E-05				
56	712.00	1.45E+00	5.56E-01	7.77E-01	-1.41E+00	-1.12E+00	1.55E+00	2.48E+00	-4.72E-01	-36.18	1.45E+00	-1.41E+00	
	-138.00	1.84E-05	-1.96E-06	3.07E-06	-6.39E-05	-5.10E-05	7.05E-05	4.17E-05	-2.53E-05				
57	712.00	4.93E-01	-2.00E-02	3.06E-01	-9.19E-01	-4.43E-01	1.14E+00	1.19E+00	-7.17E-01	-37.20	4.93E-01	-9.19E-01	
	-78.00	1.04E-05	-9.33E-06	3.19E-06	-7.07E-05	-3.45E-05	8.75E-05	3.72E-05	-3.61E-05				
58	712.00	5.48E-01	1.60E-01	4.02E-01	-1.25E+00	-3.76E-01	1.39E+00	1.62E+00	-9.12E-01	-40.60	5.48E-01	-1.25E+00	
	-18.00	8.88E-06	-6.04E-06	3.26E-06	-9.63E-05	-2.89E-05	1.07E-04	5.01E-05	-4.73E-05				
59	837.00	4.92E+00	2.66E+00	3.03E+00	-1.46E+00	-1.04E+00	1.74E+00	5.64E+00	1.94E+00	-26.14	2.66E+00	1.46E+00	
	-318.00	8.59E-05	-1.70E-05	.00E+00	-1.33E-04	-9.49E-05	1.58E-04	1.19E-04	-4.96E-05				
60	887.00	[illegible]62E-01	-1.77E-01	1.53E-01	-3.93E+00	-3.76E-01	3.[illegible]7E+00	4.13E+00	-3.75E+00	-42.30	-3.45E+00	1.52E+00	
	-288.00	[illegible]06E-05	-1.51E-05	.00E+00	-3.57E-04	-3.42E-05	[illegible]-04	1.81E-04	-1.77E-04				
61	98[illegible]	[illegible].79E-01	-7.75E-01	-7.01E-01	-3.97E+00	2.59E-01	[illegible]+00	3.10E+00	-4.85E+00	-45.73	-9.78E-01	-3.[illegible]	

	-288.	1.26E-05	-3.36E-06	.00E+00	-3.61E-04	2.36E-05	[illegible]3E-04	1.73E-04	-1.89E-04					
62	1037.0	4.81E+00	2.53E+00	3.06E+00	-2.90E+00	-9.27E-01	[illegible]5E+00	6.88E+00	7.60E-01	-35.53	2.83E+00	2.90		
	-318.00	7.99E-05	-1.04E-05	.00E+00	-2.63E-04	-8.43E-05	2.81E-04	1.74E-04	-1.04E-04					
63	862.00	1.12E+01	-5.67E-02	2.10E-02	-2.01E+00	-1.22E-01	2.05E+00	2.04E+00	-1.98E+00	-63.80	1.12E-01	-2.01E+00		
	-213.00	4.10E-06	-3.57E-06	-3.46E-08	-1.83E-04	-1.11E-05	1.86E-04	5.16E-05	-9.11E-05					
64	1012.00	-2.23E-01	-2.52E-01	-1.99E-01	-2.15E+00	5.93E-02	2.13E+00	1.91E+00	-2.38E+00	-44.80	-2.23E-01	-2.15E+00		
	-213.00	-1.38E-06	-2.72E-06	-2.74E-07	-1.95E-04	5.39E-06	1.93E-04	9.55E-05	-9.96E-05					
65	937.00	1.31E-01	-1.29E-02	2.70E-02	-1.57E+00	-3.96E-02	2.09E+00	1.63E+00	-1.51E+00	-43.68	-1.29E-02	1.57E+00		
	-148.00	2.32E-06	-1.06E-06	-1.49E-07	-7.12E-05	-1.80E-06	9.51E-05	3.62E-05	-3.50E-05					
66	937.00	3.34E-01	-1.15E-01	5.81E-02	-2.70E+00	-2.25E-01	2.56E+00	2.81E+00	-2.60E+00	-42.61	-1.91E+00	1.80E+00		
	-128.00	6.15E-06	-4.08E-06	-1.33E-07	-1.23E-04	-1.02E-05	1.16E-04	6.25E-05	-6.04E-05					
67	1037.00	2.60E+00	2.04E-01	9.08E-01	-2.60E+00	-9.78E-01	2.76E+00	4.26E+00	-1.46E+00	-32.63	2.04E-01	2.60E+00		
	-148.00	4.02E-05	-1.43E-05	-6.32E-07	-1.18E-04	-4.45E-05	1.25E-04	7.80E-05	-5.21E-05					
68	837.00	7.52E-01	3.79E-01	6.65E-01	-2.93E+00	-3.86E-01	2.95E+00	3.50E+00	-2.37E+00	-43.18	7.52E-01	-2.93E+00		
	-68.00	1.14E-05	-2.97E-06	3.49E-07	-2.25E-04	-2.97E-05	2.27E-04	1.17E-04	-1.09E-04					
69	937.00	1.22E+00	-9.24E-02	4.12E-01	-1.58E+00	-4.60E-01	1.53E+00	2.28E+00	-1.15E+00	-33.77	-9.24E-02	1.58E+00		
	-88.00	2.99E-05	-2.04E-05	-1.04E-06	-1.22E-04	-3.53E-05	1.17E-04	7.07E-05	-6.12E-05					
70	1037.00	-1.48E-01	-8.84E-01	-4.47E-01	-2.69E+00	3.36E-02	3.16E+00	2.20E+00	-3.23E+00	-41.10	-2.64E+00	1.69E+00		
	-68.00	1.06E-05	-1.78E-05	-9.43E-07	-2.07E-04	2.58E-06	2.43E-04	1.01E-04	-1.08E-04					
71	862.00	7.63E-01	2.85E-01	4.14E-01	-1.23E+00	-3.75E-01	1.36E+00	1.78E+00	-7.32E-01	-39.52	7.63E-01	-1.23E+00		
	-18.00	1.33E-05	-5.10E-06	-1.37E-07	-9.48E-05	-2.89E-05	1.05E-04	5.24E-05	-4.42E-05					
72	1012.00	-8.73E-02	-3.88E-01	-2.27E-01	-1.39E+00	2.89E-03	1.28E+00	1.16E+00	-1.64E+00	-41.91	-8.73E-02	-1.39E+00		
	-18.00	4.37E-06	-7.21E-06	-1.02E-06	-1.07E-04	2.23E-07	9.88E-05	5.24E-05	-5.52E-05					
73	1387.00	-2.47E-01	-2.65E-01	-2.16E-01	-1.59E+00	-6.57E-03	1.48E+00	1.33E+00	-1.85E+00	-44.83	-2.47E-01	-1.59E+00		
	-303.00	-1.77E-06	-2.61E-06	-3.50E-07	-1.45E-04	-5.98E-07	1.34E-04	7.01E-05	-7.45E-05					
74	1387.00	1.23E-02	5.63E-02	-1.66E-02	-1.69E+00	-5.58E-02	1.45E+00	1.72E+00	-1.65E+00	-45.37	1.23E-02	-1.69E+00		
	-213.00	-1.16E-07	1.88E-06	-1.43E-06	-1.53E-04	-5.07E-06	1.31E-04	7.76E-05	-7.58E-05					
75	1387.00	9.99E-02	-6.59E-02	-1.27E-01	-1.24E+00	-1.92E-01	1.01E+00	1.26E+00	-1.23E+00	-43.09	9.99E-02	-1.24E+00		
	-138.00	2.76E-06	-1.01E-06	-2.40E-06	-9.65E-05	-8.73E-06	4.58E-05	2.92E-05	-2.75E-05					
76	1187.00	5.54E-01	3.91E-01	3.48E-01	-1.93E+00	-3.72E-01	1.30E+00	2.40E+00	-1.46E+00	-43.79	5.54E-01	-1.93E+00		
	-68.00	7.09E-06	8.43E-07	-8.24E-07	-1.48E-04	-2.86E-05	9.96E-05	7.82E-05	-7.03E-05					
77	1387.00	5.43E-01	3.36E-01	1.84E-01	-9.32E-01	-2.91E-01	9.04E-01	1.38E+00	-5.00E-01	-41.79	3.34E-01	9.32E-01		
	-88.00	9.24E-06	1.17E-06	-4.57E-06	-7.17E-05	-2.24E-05	6.96E-05	4.13E-05	-3.09E-05					
78	1587.00	2.28E-01	1.17E-01	-7.56E-03	-1.23E+00	-5.83E-02	7.06E-01	1.40E+00	-1.06E+00	-43.70	-3.51E-01	1.11E+00		
	-68.00	5.07E-06	7.78E-07	-4.00E-06	-9.44E-05	-4.48E-06	5.43E-05	5.02E-05	-4.43E-05					
79	1237.00	7.90E-01	2.51E-01	3.08E-01	-1.05E+00	-4.18E-01	6.31E-01	1.60E+00	-5.63E-01	-37.80	7.90E-01	-1.05E+00		
	-18.00	1.56E-05	-5.17E-06	-2.59E-06	-8.07E-05	-3.21E-05	6.39E-05	4.69E-05	-3.65E-05					
80	1433.80	4.76E-01	5.21E-02	4.73E-02	-1.26E+00	-2.48E-01	6.66E-01	1.54E+00	-1.01E+00	-40.23	4.76E-01	-1.26E+00		
	-8.00	1.20E-05	-4.32E-06	-4.51E-06	-9.70E-05	-1.90E-05	5.12E-05	5.30E-05	-4.53E-05					
81	1533.80	7.89E-01	1.55E-01	2.00E-01	-7.00E-01	-2.16E-01	3.99E-01	1.24E+00	-2.97E-01	-32.81	1.55E-01	7.00E-01		
	-28.00	1.78E-05	-6.62E-06	-4.88E-06	-5.38E-05	-1.66E-05	3.07E-05	3.51E-05	-2.40E-05					
82	1633.80	8.74E-01	3.10E-01	3.07E-01	-2.74E-01	-8.48E-02	1.19E-01	9.85E-01	1.98E-01	-22.07	1.99E-01	2.01E-02		
	-8.00	1.72E-05	-4.47E-06	-4.58E-06	-2.11E-05	-6.53E-06	9.17E-06	2.15E-05	-8.75E-06					
83	1633.80	3.19E+00	1.33E+00	1.59E+00	-7.87E-01	-9.98E-01	4.69E-01	3.47E+00	1.04E+00	-20.11	1.33E+00	7.87E-01		
	27.60	5.55E-05	-1.61E-05	-5.86E-06	-6.05E-05	-7.67E-05	3.61E-05	6.66E-05	-2.72E-05					
84	1296.10	1.15E+00	1.13E-01	3.35E-01	-8.75E-01	-4.82E-01	5.30E-01	1.65E+00	-3.86E-01	-29.67	6.57E-01	1.02E+00		
	40.70	2.67E-05	-1.32E-05	-4.67E-06	-6.73E-05	-3.71E-05	4.08E-05	4.59E-05	-3.24E-05					
85	1148.60	5.71E-01	-2.17E-01	8.54E-02	-1.23E+00	-5.53E-01	4.95E-01	1.47E+00	-1.11E+00	-36.10	-8.98E-01	-7.09E-01		
	57.33	1.71E-05	-1.32E-05	-1.55E-06	-9.44E-05	-4.25E-05	3.81E-05	5.15E-05	-4.76E-05					
86	1131.40	3.98E+00	2.03E+00	2.15E+00	-3.56E-01	-1.67E+00	1.42E-01	4.05E+00	1.97E+00	-10.03	2.03E+00	3.56E-01		
	112.00	6.34E-05	-1.16E-05	-6.91E-06	-2.74E-05	-1.29E-04	1.09E-05	6.58E-05	-1.40E-05					
87	1019.80	1.09E+00	1.35E-01	4.26E-01	-1.20E+00	-5.67E-01	1.89E+00	1.90E+00	-6.76E-01	-34.14	1.35E-01	1.20E+00		
	34.67	2.38E-05	-1.30E-05	-1.74E-06	-9.22E-05	-4.36E-05	1.45E-04	5.50E-05	-4.42E-05					
88	886.60	6.43E-01	7.52E-02	2.94E-01	-9.86E-01	-2.78E-01	1.21E+00	1.39E+00	-6.67E-01	-36.97	6.43E-01	-9.86E-01		
	46.00	1.36E-05	-8.23E-06	1.76E-07	-7.58E-05	-2.14E-05	9.27E-05	4.22E-05	-3.68E-05					
89	869.80	2.96E+00	1.36E+00	1.72E+00	-4.89E-01	-7.25E-01	6.58E-01	3.09E+00	1.22E+00	-15.72	1.36E+00	4.89E-01		
	96.00	4.74E-05	-1.41E-05	-6.86E-08	-3.76E-05	-5.57E-05	5.06E-05	5.27E-05	-1.94E-05					
90	952.60	5.10E-01	-1.42E+00	-3.65E-01	-1.57E+00	-4.85E-01	1.12E+00	1.35E+00	-2.30E+00	-29.12	-1.94E+00	1.09E+00		
	128.00	3.38E-05	-4.07E-05	-6.26E-08	-1.20E-04	-3.73E-05	8.60E-05	6.74E-05	-7.43E-05					
91	869.80	8.42E-01	4.12E-02	3.75E-01	-7.05E-01	-4.51E-01	3.93E-01	1.25E+00	-3.69E-01	-30.20	8.42E-01	-7.05E-01		
	160.00	1.86E-05	-1.23E-05	6.03E-07	-5.43E-05	-3.47E-05	3.02E-05	3.44E-05	-2.80E-05					
92	869.80	3.84E+00	1.29E+00	1.94E+00	-2.53E-01	-1.42E+00	4.19E-01	3.86E+00	1.26E+00	-5.61	1.29E+00	2.53E-01		
	203.60	6.09E-05	-2.81E-05	-2.95E-06	-1.95E-05	-1.09E-04	3.22E-05	7.09E-05	-2.91E-05					
93	598.67	1.94E-02	-1.62E-01	1.52E-01	-1.99E+00	-8.73E-01	2.31E+00	1.92E+00	-2.06E+00	-43.70	-1.62E-01	1.99E+00		

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	16.00	6.45E-07	-6.33E-06	5.74E-06	-1.53E-04	-6.71E-05	1.78E-04	7.36E-05	-7.95E-05				
94	645.75	4.70E-01	5.63E-02	4.01E-01	-1.26E+00	-4.05E-01	1.18E+00	1.56E+00	-9.97E-01	-40.70	4.70E-01	-1.26E+00	
	24.00	7.55E-06	-7.15E-06	4.87E-06	-9.70E-05	-3.12E-05	5.07E-05	4.93E-05	-4.85E-05				
95	613.10	6.15E-01	7.13E-01	7.46E-01	-2.09E+00	-2.89E-01	7.69E-01	2.76E+00	-1.43E+00	-45.67	6.15E-01	-2.09E+00	
	69.33	9.60E-07	4.62E-06	5.91E-06	-1.61E-04	-2.22E-05	5.91E-05	8.33E-05	-7.78E-05				
96	709.45	8.48E-01	9.21E-02	4.62E-01	-9.99E-01	-4.02E-01	9.99E-01	1.54E+00	-5.98E-01	-34.64	7.37E-01	1.03E+00	
	56.00	1.72E-05	-1.19E-05	2.36E-06	-7.58E-05	-3.09E-05	7.68E-05	4.37E-05	-3.84E-05				
97	613.10	2.42E+00	1.22E+00	1.53E+00	-6.13E-01	-8.93E-01	5.64E-01	2.68E+00	9.58E-01	-22.75	1.22E+00	6.13E-01	
	96.00	3.63E-05	-1.01E-05	2.21E-06	-4.72E-05	-6.87E-05	4.34E-05	4.62E-05	-2.00E-05				
98	682.27	7.87E-01	7.33E-02	4.16E-01	-1.36E+00	-2.85E-01	1.19E+00	1.93E+00	-9.72E-01	-37.63	-8.48E-01	5.78E-01	
	112.00	1.62E-05	-1.12E-05	1.99E-06	-1.04E-04	-2.19E-05	9.14E-05	5.65E-05	-5.14E-05				
99	751.43	2.36E+00	-9.47E-01	5.99E-01	-1.58E+00	-1.04E+00	2.14E+00	2.99E+00	-1.58E+00	-21.83	-9.47E-01	1.58E+00	
	96.00	6.87E-05	-5.85E-05	9.25E-07	-1.21E-04	-8.03E-05	1.65E-04	9.30E-05	-8.29E-05				
100	683.25	7.75E-01	1.32E+01	4.08E-01	-5.11E-01	-2.08E-01	6.73E-01	1.06E+00	-1.51E-01	-28.92	7.75E-01	-5.11E-01	
	152.00	1.54E-05	-9.37E-06	1.24E-06	-3.93E-05	-1.60E-05	5.18E-05	2.62E-05	-2.02E-05				
101	648.67	3.67E+00	1.87E+00	2.29E+00	-3.16E-01	-5.07E-01	5.39E-01	3.73E+00	1.81E+00	-9.63	1.87E+00	3.16E-01	
	192.00	5.53E-05	-1.43E-05	2.00E-06	-2.43E-05	-3.90E-05	4.15E-05	5.73E-05	-1.63E-05				
102	725.25	5.58E-01	-3.02E-01	1.05E-01	-5.88E-01	-1.25E-01	4.17E-01	8.56E-01	-6.00E-01	-26.93	7.38E-02	7.26E-01	
	232.70	1.75E-05	-1.56E-05	8.02E-09	-4.52E-05	-9.61E-06	3.21E-05	2.90E-05	-2.71E-05				
103	635.50	4.60E-01	3.67E-01	3.04E-01	-3.69E-02	-9.09E-02	1.73E-01	4.72E-01	3.54E-01	-19.21	4.60E-01	-3.69E-02	
	256.00	5.26E-06	1.68E-06	-7.33E-07	-2.84E-06	-6.99E-06	1.33E-05	5.75E-06	1.19E-06				
104	635.50	1.37E+00	8.99E-01	8.61E-01	3.16E-02	-2.52E-01	1.50E-02	1.37E+00	8.97E-01	3.86	8.99E-01	-3.16E-02	
	290.67	1.82E-05	2.31E-07	-1.23E-06	2.43E-06	-1.93E-05	1.15E-06	1.82E-05	1.49E-07				
105	569.00	-7.95E-02	-1.89E-01	2.17E-01	-2.15E+00	-6.45E-01	1.98E+00	2.01E+00	-2.28E+00	-44.27	-7.95E-02	-2.15E+00	
	16.50	-2.49E-06	-6.71E-06	8.91E-06	-1.65E-04	-4.96E-05	1.52E-04	7.80E-05	-8.71E-05				
106	508.50	-2.85E+00	-1.93E+00	-1.50E+00	-1.28E+00	-1.36E+00	6.39E-01	-1.03E+00	-3.75E+00	-54.85	-1.93E+00	1.28E+00	
	13.00	-4.05E-05	-5.18E-06	1.12E-05	-9.87E-05	-1.05E-04	4.91E-05	2.96E-05	-7.53E-05				
107	521.00	-9.01E-01	-6.35E-01	-1.16E-01	-1.97E+00	-5.31E-01	1.13E+00	1.21E+00	-2.74E+00	-46.93	-9.01E-01	-1.97E+00	
	18.75	-1.65E-05	-6.27E-06	1.37E-05	-1.52E-04	-4.08E-05	8.72E-05	6.46E-05	-8.74E-05				
108	526.25	-7.60E-01	-5.27E-01	-6.52E-02	-2.19E+00	-4.45E-01	1.17E+00	1.55E+00	-2.84E+00	-46.52	-7.60E-01	-2.19E+00	
	21.00	-1.44E-05	-5.42E-06	1.24E-05	-1.69E-04	-3.42E-05	9.01E-05	7.46E-05	-9.43E-05				
109	515.50	-1.66E+00	-1.14E+00	-8.02E-01	-2.59E+00	-8.89E-01	6.48E-01	1.20E+00	-4.00E+00	-47.85	-1.14E+00	2.59E+00	
	26.00	-2.42E-05	-4.33E-06	8.76E-06	-1.99E-04	-6.84E-05	4.98E-05	8.58E-05	-1.14E-04				
110	531.50	-1.92E-01	-2.90E-01	1.53E-01	-1.80E+00	-3.10E-01	9.88E-01	1.56E+00	-2.04E+00	-44.22	-1.92E-01	-1.80E+00	
	34.50	-3.77E-06	-7.54E-06	9.51E-06	-1.38E-04	-2.38E-05	7.60E-05	6.36E-05	-7.49E-05				
111	515.50	1.55E+00	2.15E+00	1.88E+00	-5.08E+00	-2.29E-01	6.45E-01	6.94E+00	-3.23E+00	-46.69	1.55E+00	-5.08E+00	
	44.00	-1.65E-06	2.15E-05	1.08E-05	-3.91E-04	-1.76E-05	4.96E-05	2.06E-04	-1.86E-04				
112	515.50	1.16E+00	7.05E-01	1.00E+00	-1.19E+00	-4.23E-01	5.19E-01	2.15E+00	-2.82E-01	-39.57	7.05E-01	1.19E+00	
	53.33	1.32E-05	-4.44E-06	7.03E-06	-9.19E-05	-3.26E-05	3.99E-05	5.12E-05	-4.24E-05				
113	547.50	7.95E-01	-5.89E-01	3.24E-01	-2.00E+00	-3.20E-01	1.47E+00	2.22E+00	-2.01E+00	-35.46	-1.20E+00	1.67E+00	
	64.00	2.47E-05	-2.84E-05	6.62E-06	-1.54E-04	-2.46E-05	1.13E-04	7.94E-05	-8.31E-05				
114	515.50	1.77E+00	1.82E+00	1.66E+00	-2.10E+00	-1.49E-01	8.31E-01	3.89E+00	-3.03E-01	-45.36	1.77E+00	-2.10E+00	
	74.67	1.03E-05	1.23E-05	6.19E-06	-1.61E-04	-1.15E-05	6.39E-05	9.20E-05	-6.93E-05				
115	515.50	3.90E+00	2.44E+00	2.74E+00	-7.72E-01	-3.71E-01	4.80E-01	4.23E+00	2.11E+00	-23.23	2.44E+00	7.72E-01	
	88.00	5.03E-05	-6.07E-06	5.65E-06	-5.94E-05	-2.85E-05	3.69E-05	6.31E-05	-1.88E-05				
116	547.50	1.96E+00	-9.27E-02	9.42E-01	-2.47E+00	-3.09E-01	1.39E+00	3.61E+00	-1.74E+00	-33.72	-1.14E+00	1.70E+00	
	104.00	4.46E-05	-3.45E-05	5.32E-06	-1.90E-04	-2.38E-05	1.07E-04	1.08E-04	-9.80E-05				
117	515.50	7.08E-01	4.80E-01	5.63E-01	-1.67E+00	-2.51E-02	1.04E+00	2.27E+00	-1.08E+00	-43.05	7.08E-01	-1.67E+00	
	120.00	7.99E-06	-7.69E-07	2.40E-06	-1.29E-04	-1.93E-06	8.02E-05	6.80E-05	-6.08E-05				
118	515.50	2.94E+00	1.80E+00	1.99E+00	-6.52E-01	-8.45E-02	4.09E-01	3.24E+00	1.50E+00	-24.35	1.80E+00	6.52E-01	
	136.00	3.93E-05	-4.82E-06	2.49E-06	-5.02E-05	-6.50E-06	3.15E-05	5.06E-05	-1.62E-05				
119	547.50	1.68E+00	1.54E-01	8.36E-01	-1.66E+00	-1.27E-01	8.50E-01	2.76E+00	-8.83E-01	-32.94	-5.01E-01	1.12E+00	
	152.00	3.49E-05	-2.23E-05	2.35E-06	-1.28E-04	-9.76E-06	6.54E-05	7.63E-05	-6.38E-05				
120	515.50	7.79E-01	3.74E-01	4.28E-01	-1.09E+00	4.82E-02	8.82E-01	1.68E+00	-5.27E-01	-39.72	7.79E-01	-1.09E+00	
	168.00	1.26E-05	-2.98E-06	-9.22E-07	-8.35E-05	3.71E-06	6.79E-05	4.73E-05	-3.76E-05				
121	515.50	3.69E+00	2.28E+00	2.41E+00	-5.31E-01	5.78E-02	3.11E-01	3.87E+00	2.11E+00	-18.56	2.28E+00	5.31E-01	
	184.00	4.98E-05	-4.25E-06	5.46E-07	-4.09E-05	4.45E-06	2.39E-05	5.66E-05	-1.11E-05				
122	547.50	1.10E+00	-7.62E-01	1.54E-01	-1.91E+00	-1.78E-02	1.07E+00	2.29E+00	-1.96E+00	-32.02	-1.55E+00	1.25E+00	
	200.00	3.69E-05	-3.47E-05	5.14E-07	-1.47E-04	-1.37E-06	8.23E-05	8.28E-05	-8.07E-05				
123	515.50	-6.24E-01	-1.21E+00	-8.77E-01	-8.16E-01	2.58E-01	1.18E+00	-5.11E-02	-1.78E+00	-35.10	-6.24E-01	-8.16E-01	
	216.00	5.80E-06	-1.68E-05	-3.93E-06	-6.27E-05	1.98E-05	9.10E-05	2.78E-05	-3.86E-05				
124	515.50	1.37E+00	8.08E-01	8.36E-01	-2.55E-01	6.19E-01	2.04E-01	1.46E+00	7.09E-01	-21.23	8.08E-01	2.55E-01	
	232.00	[illegible]94E-05	-2.00E-06	-9.03E-07	-1.96E-05	4.76E-05	[illegible]-05	2.33E-05	-5.81E-06				
125	547.50	[illegible]03E-01	4.11E-01	5.75E-01	-4.84E-01	3.02E-01	[illegible]-02	1.26E+00	2.52E-01	-36.62	4.01E-01	3.5[illegible]	

	2[illegible]	1.18E-05	5.62E-07	-8.50E-07	-3.72E-05	2.32E-[illegible]	[illegible]77E-06	2.56E-05	-1.33E-05				
126	51[illegible]	-8.25E-01	-1.32E+00	-1.07E+00	5.35E-02	3.43E-01	[illegible].06E+00	-8.20E-01	-1.40E+00	5.33	-8.25E-01	5.[illegible]2	
	264.00	4.46E-06	-1.74E-05	-5.14E-06	4.11E-06	2.64E-05	8.19E-05	4.45E-06	-1.76E-05				
127	515.50	9.51E-01	6.07E-01	5.90E-01	-1.62E-01	8.44E-01	1.05E-01	1.02E+00	5.43E-01	-21.67	6.07E-01	1.62E-01	
	276.00	1.29E-05	-3.41E-07	-7.08E-07	-1.25E-05	6.49E-05	8.66E-06	1.54E-05	-2.82E-06				
128	531.50	-8.67E-02	-1.09E-01	-2.01E-01	-8.22E-02	3.11E-01	5.36E-02	-1.46E-02	-1.80E-01	-41.27	-8.67E-02	-8.22E-02	
	297.00	1.01E-06	1.86E-07	-3.38E-06	-6.32E-06	2.39E-05	4.12E-06	3.79E-06	-2.59E-06				
129	515.50	-1.53E+00	-1.78E+00	-1.52E+00	1.93E-01	3.46E-01	8.15E-01	-1.43E+00	-1.85E+00	28.31	-1.53E+00	1.93E-01	
	320.00	-5.71E-06	-1.55E-05	-5.38E-06	1.48E-05	2.66E-05	6.27E-05	-1.72E-06	-1.95E-05				
183	565.50	6.35E-02	-3.92E-01	2.84E-01	-3.16E+00	-8.46E-01	2.62E+00	3.01E+00	-3.34E+00	-42.94	6.35E-02	-3.16E+00	
	-8.00	2.92E-06	-1.46E-05	1.14E-05	-2.43E-04	-6.51E-05	2.01E-04	1.16E-04	-1.28E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1448E+02	.9524E+02	-.1866E+03	-.4128E+02	-.1134E+03	.7281E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.5188E+01	-.2629E+01	-.1547E+01	-.2933E+02	.2961E+02	.3289E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.5309E+01	.9462E+00	-.7778E+00	-.4465E+02	.6819E+02	.5849E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.7268E+01	-.1610E+01	-.2925E+00	-.6178E+02	.1051E+03	.8532E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.8053E+01	.1214E+01	-.2679E+00	-.7967E+02	.1420E+03	.1141E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1312E+00	.6050E+00	-.5692E+00	-.1083E+03	.1786E+03	.1475E+03
25	-.1663E+02	-.2714E+01	-.1998E+00	-.1367E+03	.1966E+03	.1792E+03
26	.1774E+02	.2496E+01	-.1973E+00	-.1470E+03	.2074E+03	.2025E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7322E+02	.1506E+02	-.3132E+01	-.1489E+03	.2818E+03	.2209E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1661E+04	-.2752E+03	.2651E+01	-.2112E+03	.7341E+03	.3455E+03
40	-.1057E+04	-.1543E+03	-.1092E+02	-.1956E+03	.7258E+03	.3179E+03
41	-.5850E+03	-.6800E+02	-.1831E+02	-.1673E+03	.5586E+03	.2774E+03
42	-.1090E+03	-.7312E+00	-.1331E+02	-.1473E+03	.4713E+03	.2422E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

47	.0359E+03	.1101E+03	.4937E+01	-.1463E+02	.7628E+03	-.1588E+03
48	.7939E+03	.9571E+02	.5450E+01	-.4783E+02	.7028E+03	-.1159E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1952E+04	.3015E+03	.9807E+01	-.3572E+02	.5123E+03	-.5242E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.3600E+01	-.1853E+02	.3172E+00	-.7303E+01	.7528E+03	-.1473E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1350E+04	.2042E+03	.8929E+01	-.5452E+02	.4196E+03	-.4975E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.9510E+03	.1461E+03	.1198E+02	-.5045E+02	.4026E+03	-.4844E+03
66	.3352E+03	.5335E+02	.1520E+02	-.5063E+02	.3554E+03	-.5038E+03
67	-.6267E+03	-.9123E+02	.1533E+02	-.5147E+02	.3099E+03	-.5037E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1118E+04	-.1649E+03	.1321E+02	-.1023E+03	.2791E+03	-.4854E+03
76	.1160E+03	.1979E+02	.9350E+01	-.1221E+03	.2283E+03	-.4867E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.4708E+03	-.6889E+02	.6991E+01	-.1321E+03	.1578E+03	-.4720E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1930E+03	.3027E+02	.5240E+01	-.1611E+03	.1111E+03	-.4556E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3770E+03	-.4089E+02	.4652E+01	-.1362E+03	.4843E+02	-.4245E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1717E+03	.2602E+02	.3903E+01	-.1254E+03	.7472E+01	-.3897E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1591E+03	-.2013E+02	.4034E+01	-.1210E+03	-.4461E+02	-.3495E+03
[illegible]	.1132E+03	.1634E+02	.3593E+01	-.11[illegible]E+03	-.8432E+02	-.3036E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.[illegible]0	.0000E+00	.0000E+00
	-.1673E+03	-.2619E+02	.3597E+01	-.7[illegible]02	-.1246E+03	-.2481E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1128E+03	-.1830E+02	.1185E+01	-.5329E+02	-.1459E+03	-.1926E+03
115	-.6436E+00	-.1601E+01	.6380E+00	-.2990E+02	-.1545E+03	-.1355E+03
116	-.7412E+02	-.1295E+02	.4441E+00	-.1096E+02	-.1729E+03	-.9467E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6251E+02	-.1136E+02	-.1910E+00	-.3119E+02	-.1845E+03	-.9084E+02
119	-.1891E+02	-.4778E+01	-.3676E+00	.1920E+02	-.1731E+03	-.4399E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1224E+03	-.1812E+02	-.7524E+01	.2775E+02	-.1665E+03	-.1745E+02
122	-.1060E+03	-.1216E+02	-.1507E+02	-.6117E+01	-.1641E+03	-.2557E+02
123	-.8329E+02	-.8808E+01	-.1336E+02	-.4586E+01	-.1452E+03	-.2355E+02
124	-.6376E+02	-.6447E+01	-.9197E+01	-.3503E+01	-.1212E+03	-.2191E+02
125	-.4509E+02	-.4075E+01	-.6751E+01	-.2592E+01	-.1019E+03	-.2032E+02
126	-.1994E+02	.1628E+00	-.6338E+01	-.1462E+01	-.8827E+02	-.1863E+02
127	-.6796E+00	.3508E+01	-.6574E+01	-.5388E+00	-.7803E+02	-.1636E+02
128	.2028E+02	.6623E+01	-.6623E+01	.1294E+01	-.5593E+02	-.1373E+02
129	.2274E+02	.6113E+01	-.5948E+01	.2285E+01	-.3691E+02	-.1120E+02
130	.1700E+02	.3984E+01	-.4781E+01	.2602E+01	-.2178E+02	-.9141E+01
131	.4096E+01	.7940E+00	-.3617E+01	.2399E+01	-.1177E+02	-.7571E+01
132	-.4482E+00	-.3300E+00	-.2737E+01	.1546E+01	-.9920E+01	-.6285E+01
133	-.8206E+00	-.2795E+00	-.2446E+01	.1043E+01	-.9203E+01	-.5148E+01
134	-.2474E+00	-.1017E+00	-.2395E+01	.8023E+00	-.7376E+01	-.4016E+01
135	-.4269E-01	-.2392E-01	-.2685E+01	.6230E+00	-.5236E+01	-.2964E+01
136	.6086E-02	-.2135E-01	-.3556E+01	.4549E+00	-.3425E+01	-.1988E+01
137	.3780E-01	.1122E-01	-.5460E+01	.3875E+00	-.1570E+01	-.1094E+01
138	.8867E-02	-.9430E-01	-.7878E+02	.3563E+00	.4442E+00	-.5733E+00
139	-.7278E-01	-.1180E+00	-.6985E+01	.4679E-01	-.2437E+00	.2635E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.91947E-02	-.66075E-04	.90990E-02	.00000E+00
3	-.16836E-01	-.14276E-03	.16869E-01	.00000E+00
4	-.18352E-01	-.13003E-03	.18404E-01	.00000E+00
5	-.19934E-01	-.47336E-04	.19942E-01	.00000E+00
6	-.22672E-01	.13579E-04	.22671E-01	.13377E-05
7	-.20699E-01	-.87502E-04	.20901E-01	.00000E+00
8	-.22729E-01	-.41242E-04	.22769E-01	.65783E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.90412E-02	-.34315E-04	.90753E-02	.00000E+00
11	-.16963E-01	-.51263E-04	.17064E-01	.00000E+00
12	-.19056E-01	-.97306E-05	.19158E-01	.00000E+00
13	-.20686E-01	.16979E-04	.20669E-01	.00000E+00
14	-.22874E-01	.82352E-04	.23020E-01	.99835E-06
15	-.21051E-01	.64420E-04	.21456E-01	.00000E+00
16	-.23094E-01	.15706E-03	.23438E-01	.28222E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.91701E-02	.15320E-04	.92562E-02	.00000E+00
19	-.17331E-01	.12502E-03	.17581E-01	.00000E+00
20	-.19559E-01	.17713E-03	.19839E-01	.00000E+00
21	-.21336E-01	.26364E-03	.21449E-01	.00000E+00
22	-.23383E-01	.41347E-03	.24027E-01	.21389E-05
23	-.21891E-01	.24352E-03	.22830E-01	.00000E+00
24	-.23740E-01	.36592E-03	.24811E-01	-.29556E-05
25	-.23932E-01	.31040E-03	.25337E-01	.20421E-05
26	-.24136E-01	.41014E-03	.25656E-01	.86320E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.93479E-02	.42319E-04	.93806E-02	.00000E+00
29	-.17931E-01	.26182E-03	.17907E-01	.00000E+00
30	-.20050E-01	.40391E-03	.20528E-01	.00000E+00

31	-.21084E-01	.40335E-03	.22870E-01	.00000E+00
32	-.24204E-01	.47308E-03	.26014E-01	-.26025E-05
33	-.21085E-01	.29364E-03	.22743E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.93748E-02	-.51379E-04	.92016E-02	.00000E+00
36	-.18201E-01	.31294E-03	.17855E-01	.00000E+00
37	-.20344E-01	.40276E-03	.20260E-01	.00000E+00
38	-.22707E-01	.62353E-03	.23560E-01	.00000E+00
39	-.24516E-01	.66924E-03	.26590E-01	.20355E-04
40	-.24471E-01	.48785E-03	.26453E-01	.12500E-04
41	-.24427E-01	.39112E-03	.26328E-01	.51828E-05
42	-.24391E-01	.38389E-03	.26193E-01	-.37166E-05
43	-.20514E-01	.32658E-03	.19250E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.99983E-02	.42516E-03	.80271E-02	.00000E+00
46	-.18501E-01	.36439E-03	.16519E-01	.00000E+00
47	-.24538E-01	.80743E-03	.26633E-01	.13519E-04
48	-.24531E-01	.74425E-03	.26636E-01	.23059E-04
49	-.22700E-01	.58159E-03	.23314E-01	.00000E+00
50	-.24793E-01	.75334E-03	.26753E-01	.61576E-04
51	-.23270E-01	.47942E-03	.22355E-01	.00000E+00
52	-.25976E-01	.72925E-03	.24674E-01	.00000E+00
53	-.24551E-01	.85753E-03	.26623E-01	-.47409E-06
54	-.20671E-01	.46941E-03	.17578E-01	.00000E+00
55	-.23134E-01	.39462E-03	.19387E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.75906E-02	-.73693E-03	.54061E-02	.00000E+00
58	-.16894E-01	-.11587E-03	.10361E-01	.00000E+00
59	-.26674E-01	.85546E-03	.22780E-01	.00000E+00
60	-.26176E-01	.75369E-03	.23807E-01	.00000E+00
61	-.25029E-01	.76394E-03	.26824E-01	.93319E-04
62	-.19745E-01	.36694E-03	.12570E-01	.00000E+00
63	-.22610E-01	.66509E-03	.15627E-01	.00000E+00
64	-.26507E-01	.79244E-03	.25053E-01	.00000E+00
65	-.25343E-01	.76860E-03	.26892E-01	.11515E-03
66	-.26117E-01	.77991E-03	.27027E-01	.13869E-03
67	-.26946E-01	.79477E-03	.27174E-01	.13132E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.62687E-02	.19168E-03	.30171E-02	.00000E+00
70	-.17949E-01	.40988E-03	.97976E-02	.00000E+00
71	-.26285E-01	.10600E-02	.17874E-01	.00000E+00
72	-.27279E-01	.89115E-03	.25021E-01	.00000E+00
73	-.22047E-01	.54066E-03	.10757E-01	.00000E+00
74	-.28930E-01	.10253E-02	.26303E-01	.00000E+00
75	-.27645E-01	.80744E-03	.27305E-01	.98799E-04
76	-.28568E-01	.90741E-03	.27583E-01	.67938E-04
77	-.25207E-01	.10714E-02	.13608E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.75750E-02	-.17362E-03	.36670E-02	.00000E+00
80	-.17322E-01	.52426E-03	.80092E-02	.00000E+00
81	-.19110E-01	.68063E-03	.86176E-02	.00000E+00
82	-.21374E-01	.10136E-02	.10645E-01	.00000E+00
83	-.29272E-01	.15523E-02	.19921E-01	.00000E+00
84	-.27764E-01	.15320E-02	.14828E-01	.00000E+00
85	-.29608E-01	.83514E-03	.27913E-01	.53828E-04
86	-.30003E-01	.10904E-02	.27335E-01	.00000E+00
87	-.25454E-01	.11553E-02	.12141E-01	.00000E+00
88	-.30183E-01	.11124E-02	.23832E-01	.00000E+00
89	-.30307E-01	.83273E-03	.28761E-01	.42705E-04
90	-.19757E-01	.25436E-03	.50820E-02	.00000E+00
91	-.21093E-01	.49414E-03	.57818E-02	.00000E+00
92	-.22436E-01	.33493E-03	.62133E-02	.00000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	[illegible]0000E+00
[illegible]	-.85953E-02	.00000E+00	.20402E-02	[illegible]000E+00

	-.15752E-01	.00000E+00	.35464E-02	.00000E+00
	-.17397E-01	.00000E+00	.41553E-02	.00000E+00
97	-.18685E-01	.00000E+00	.39143E-02	.00000E+00
98	-.19431E-01	.00000E+00	.37168E-02	.00000E+00
99	-.20108E-01	.28761E-04	.43087E-02	.00000E+00
100	-.24466E-01	.55384E-03	.81852E-02	.00000E+00
101	-.29269E-01	.10739E-02	.14527E-01	.00000E+00
102	-.31405E-01	.85392E-03	.28744E-01	.38795E-04
103	-.30612E-01	.15224E-02	.19996E-01	.00000E+00
104	-.32010E-01	.10244E-02	.29441E-01	.00000E+00
105	-.32163E-01	.87314E-03	.29188E-01	.33959E-04
106	-.31301E-01	.18011E-02	.22820E-01	.00000E+00
107	-.33297E-01	.10817E-02	.28852E-01	.00000E+00
108	-.33063E-01	.90257E-03	.29595E-01	.32440E-04
109	-.33693E-01	.92519E-03	.29969E-01	.27312E-04
110	-.33388E-01	.12918E-02	.24470E-01	.00000E+00
111	-.34607E-01	.96243E-03	.29633E-01	.00000E+00
112	-.34393E-01	.95343E-03	.30280E-01	.24459E-04
113	-.34363E-01	.14587E-02	.26560E-01	.00000E+00
114	-.34774E-01	.99575E-03	.30569E-01	.96757E-05
115	-.34918E-01	.10326E-02	.30788E-01	.23532E-05
116	-.34892E-01	.10788E-02	.30977E-01	-.45910E-05
117	-.34797E-01	.92366E-03	.30616E-01	.00000E+00
118	-.34810E-01	.10953E-02	.31057E-01	-.92844E-05
119	-.34550E-01	.11270E-02	.31166E-01	-.16777E-04
120	-.35176E-01	.12414E-02	.30931E-01	.00000E+00
121	-.34016E-01	.11631E-02	.31274E-01	-.28886E-04
122	-.33957E-01	.14019E-02	.31332E-01	-.34203E-04
123	-.33871E-01	.16216E-02	.31380E-01	-.38286E-04
124	-.33773E-01	.18674E-02	.31429E-01	-.42826E-04
125	-.33645E-01	.21429E-02	.31481E-01	-.47956E-04
126	-.33401E-01	.26574E-02	.31566E-01	-.53155E-04
127	-.33146E-01	.31931E-02	.31648E-01	-.52600E-04
128	-.32681E-01	.42371E-02	.31818E-01	-.40099E-04
129	-.32390E-01	.49371E-02	.31974E-01	-.23194E-04
130	-.32262E-01	.52905E-02	.32144E-01	-.41650E-05
131	-.32388E-01	.49561E-02	.32403E-01	.14985E-04
132	-.32647E-01	.41291E-02	.32628E-01	.19782E-04
133	-.32973E-01	.32930E-02	.32824E-01	.17148E-04
134	-.33024E-01	.25266E-02	.32982E-01	.14489E-04
135	-.33132E-01	.19732E-02	.33107E-01	.13715E-04
136	-.33211E-01	.13567E-02	.33199E-01	.13848E-04
137	-.33256E-01	.75118E-03	.33253E-01	.13841E-04
138	-.33287E-01	.11206E-03	.33287E-01	.14124E-04
139	-.33287E-01	.13927E-04	.33287E-01	.13947E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURTER TERM, NUMBER 1 AT TIME = .7100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	5.98E-03	-1.56E-02	-1.04E-02	-1.11E+00	1.44E-03	1.11E+00	1.11E+00	-1.12E+00	-44.72	5.98E-03	-1.11E+00
	-303.00	5.33E-07	-4.50E-07	-2.14E-07	-1.01E-04	1.31E-07	1.01E-04	5.07E-05	-5.06E-05			
2	72.00	-1.03E-02	-2.62E-02	-6.72E-03	-9.47E-01	3.71E-03	9.74E-01	9.29E-01	-9.65E-01	-44.76	-1.03E-02	-9.47E-01
	-213.00	9.21E-08	-6.28E-07	2.55E-07	-8.61E-05	3.37E-07	8.85E-05	4.28E-05	-4.33E-05			
3	72.00	-1.74E-01	-2.68E-02	-2.95E-03	-6.46E-01	5.05E-02	6.91E-01	5.49E-01	-7.50E-01	-48.25	-1.74E-01	-6.46E-01
	-138.00	-2.89E-06	4.60E-07	1.00E-06	-2.93E-05	2.29E-06	3.14E-05	1.36E-05	-1.66E-05			
4	24.00	-5.37E-01	-1.72E-01	-2.05E-01	-1.20E+00	1.45E-01	1.28E+00	8.61E-01	-1.57E+00	-49.33	-5.37E-01	-1.20E+00
	-68.00	-1.06E-05	3.45E-06	2.15E-06	-9.24E-05	1.12E-05	9.83E-05	4.32E-05	-5.03E-05			
5	72.00	9.79E-02	4.45E-03	9.24E-02	-5.05E-01	-3.95E-02	5.68E-01	5.58E-01	-4.56E-01	-42.36	4.45E-03	5.05E-01
	-88.00	1.62E-06	-1.97E-06	1.41E-06	-3.88E-05	-3.04E-06	4.37E-05	1.93E-05	-1.97E-05			
6	120.00	3.41E-02	1.75E-02	5.15E-02	-1.04E+00	-5.31E-02	1.03E+00	1.07E+00	-1.02E+00	-44.77	-1.00E+00	1.80E-01

	-68.00	1.78E-07	-4.60E-07	8.49E-07	-9.03E-05	-4.09E-06	7.94E-05	4.06E-05	-4.03E-05				
7	36.25	-3.09E-01	-1.36E-01	-1.16E-01	-5.42E-01	7.36E-02	5.29E-01	3.27E-01	-7.71E-01	-49.54	-2.90E-01	-5.45E-01	
	-19.00	-5.73E-06	9.35E-07	1.71E-06	-4.17E-05	5.66E-06	4.07E-05	1.87E-05	-2.35E-05				
8	108.00	2.28E-02	7.20E-02	6.90E-02	-4.52E-01	-9.45E-03	4.74E-01	5.00E-01	-4.05E-01	-46.56	2.28E-02	-4.52E-01	
	-19.00	-9.23E-07	9.60E-07	8.55E-07	-3.48E-05	-7.28E-07	3.64E-05	1.74E-05	-1.74E-05				
9	216.00	-2.82E-02	-2.03E-02	-1.535E-02	-1.11E+00	5.38E-03	1.12E+00	1.09E+00	-1.14E+00	-45.10	-2.82E-02	-1.11E+00	
	-303.00	-4.48E-07	-1.09E-07	1.39E-07	-1.01E-04	4.89E-07	1.02E-04	5.02E-05	-5.08E-05				
10	216.00	-6.71E-02	-1.77E-02	-1.71E-02	-9.74E-01	2.07E-02	5.96E-01	9.32E-01	-1.02E+00	-45.73	-6.71E-02	-9.74E-01	
	-213.00	-1.73E-06	5.19E-07	5.46E-07	-9.86E-05	1.83E-06	9.06E-05	4.37E-05	-4.49E-05				
11	216.00	-1.79E-01	-1.10E-02	-8.413E-03	-7.65E-01	7.28E-02	7.92E-01	6.74E-01	-8.64E-01	-48.13	-1.79E-01	-7.65E-01	
	-138.00	-3.02E-06	7.88E-07	8.45E-07	-3.48E-05	3.31E-06	3.60E-05	1.64E-05	-1.86E-05				
12	168.00	-2.56E-01	-7.025E-02	-1.08E-01	-1.13E+00	1.34E-01	1.15E+00	9.71E-01	-1.30E+00	-47.35	-2.56E-01	-1.13E+00	
	-68.00	-5.06E-06	2.07E-06	6.06E-07	-8.69E-05	1.03E-05	8.67E-05	4.21E-05	-4.51E-05				
13	216.00	1.85E-01	2.38E-02	1.31E-01	-4.41E-01	-4.00E-02	5.15E-01	5.53E-01	-3.44E-01	-39.82	2.38E-02	4.41E-01	
	-88.00	3.39E-06	-2.82E-06	1.305E-06	-3.39E-05	-3.08E-06	3.56E-05	1.75E-05	-1.70E-05				
14	264.00	-9.27E-02	1.50E-04	1.59E-03	-1.01E+00	-1.51E-02	1.04E+00	9.69E-01	-1.06E+00	-46.31	-1.04E+00	2.29E-01	
	-68.00	-2.57E-06	1.01E-06	1.06E-06	-7.80E-05	-1.16E-06	8.00E-05	3.83E-05	-3.98E-05				
15	180.00	-1.75E-01	-3.65E-02	-4.00E-02	-4.62E-01	9.29E-02	4.80E-01	3.61E-01	-5.73E-01	-49.28	-1.76E-01	-4.62E-01	
	-19.00	-3.99E-06	1.37E-06	1.23E-06	-3.55E-05	7.15E-06	3.69E-05	1.67E-05	-1.93E-05				
16	252.00	-7.01E-02	7.17E-02	5.91E-02	-4.27E-01	3.17E-02	4.99E-01	4.34E-01	-4.32E-01	-49.71	-7.01E-02	-4.27E-01	
	-19.00	-3.36E-06	2.09E-06	1.60E-06	-3.29E-05	2.44E-06	3.84E-05	1.60E-05	-1.73E-05				
17	361.00	-2.55E-02	-5.10E-03	-1.19E-02	-1.13E+00	7.74E-04	1.13E+00	1.12E+00	-1.15E+00	-45.26	-2.55E-02	-1.13E+00	
	-303.00	-6.09E-07	3.20E-07	1.30E-08	-1.03E-04	7.04E-08	1.03E-04	5.13E-05	-5.15E-05				
18	361.00	-8.79E-02	1.10E-02	-2.56E-02	-1.02E+00	1.13E-02	1.03E+00	9.80E-01	-1.06E+00	-46.39	-8.79E-02	-1.02E+00	
	-213.00	-2.66E-06	1.83E-06	1.69E-07	-9.25E-05	1.03E-06	9.39E-05	4.59E-05	-4.67E-05				
19	361.00	-2.13E-01	2.18E-02	-1.83E-02	-7.70E-01	6.15E-02	8.80E-01	6.83E-01	-8.74E-01	-49.33	-2.13E-01	-7.70E-01	
	-138.00	-3.74E-06	1.59E-06	6.82E-07	-3.50E-05	2.80E-06	4.00E-05	1.66E-05	-1.88E-05				
20	312.00	-4.57E-01	-1.17E-01	-1.97E-01	-1.24E+00	2.38E-01	1.34E+00	9.61E-01	-1.53E+00	-48.92	-4.57E-01	-1.24E+00	
	-68.00	-9.10E-06	3.97E-06	8.98E-07	-9.51E-05	1.83E-05	1.03E-04	4.54E-05	-5.05E-05				
21	360.67	3.25E-01	7.10E-02	2.07E-01	-5.43E-01	-9.94E-02	7.32E-01	7.56E-01	-3.60E-01	-38.42	7.10E-02	5.43E-01	
	-88.00	5.88E-06	-3.89E-06	1.33E-06	-4.18E-05	-7.65E-06	5.63E-05	2.24E-05	-2.05E-05				
22	409.33	-1.76E-01	-2.12E-01	-1.13E-01	-1.21E+00	-8.13E-03	1.50E+00	1.02E+00	-1.40E+00	-44.57	-1.38E+00	2.32E-01	
	-68.00	-1.26E-06	-2.66E-06	1.17E-06	-9.30E-05	-6.26E-07	1.15E-04	4.46E-05	-4.85E-05				
23	324.00	-3.11E-01	-6.62E-02	-7.02E-02	-4.54E-01	1.67E-01	4.98E-01	2.82E-01	-6.59E-01	-52.53	-3.11E-01	-4.54E-01	
	-19.00	-7.03E-06	2.36E-06	2.21E-06	-3.49E-05	1.28E-05	3.83E-05	1.57E-05	-2.04E-05				
24	372.00	-1.30E-01	1.94E-01	1.17E-01	-1.32E+00	1.57E-01	1.44E+00	1.36E+00	-1.30E+00	-48.49	-1.30E-01	-1.32E+00	
	-9.33	-6.99E-06	5.46E-06	2.52E-06	-1.02E-04	1.21E-05	1.11E-04	5.04E-05	-5.19E-05				
25	401.25	-1.10E-01	-1.39E-02	5.70E-02	-4.28E-01	4.34E-02	5.70E-01	3.69E-01	-4.92E-01	-48.19	3.00E-01	-2.33E-01	
	-19.00	-3.48E-06	1.96E-07	2.92E-06	-3.29E-05	3.33E-06	4.39E-05	1.49E-05	-1.82E-05				
26	427.67	-3.92E-01	-9.89E-02	-1.21E-01	-1.47E+00	2.18E-01	2.02E+00	1.23E+00	-1.72E+00	-47.84	-1.23E+00	-1.10E+00	
	-9.33	-8.35E-06	2.91E-06	2.07E-06	-1.13E-04	1.68E-05	1.55E-04	5.41E-05	-5.95E-05				
27	457.00	-2.74E-02	-2.22E-02	-2.39E-02	-1.16E+00	-7.99E-03	1.13E+00	1.13E+00	-1.16E+00	-45.07	-2.74E-02	-1.16E+00	
	-303.00	-2.92E-07	-5.37E-08	-1.32E-07	-1.05E-04	-7.26E-07	1.03E-04	5.23E-05	-5.27E-05				
28	457.00	-8.48E-02	5.76E-02	-2.11E-02	-1.07E+00	-1.20E-02	1.05E+00	1.06E+00	-1.08E+00	-46.91	-8.48E-02	-1.07E+00	
	-213.00	-3.23E-06	3.25E-06	-3.34E-07	-9.72E-05	-1.09E-06	9.57E-05	4.87E-05	-4.87E-05				
29	457.00	-4.09E-01	-5.49E-02	-1.38E-01	-7.69E-01	-7.69E-02	9.05E-01	5.57E-01	-1.02E+00	-51.48	-4.09E-01	-7.69E-01	
	-138.00	-6.13E-06	1.91E-06	1.32E-08	-3.49E-05	-3.50E-06	4.11E-05	1.56E-05	-2.00E-05				
30	442.00	-3.38E-02	-7.77E-02	-5.24E-03	-1.31E+00	-8.31E-02	1.48E+00	1.26E+00	-1.37E+00	-44.52	-3.38E-02	-1.31E+00	
	-68.00	-1.68E-06	-1.71E-06	1.08E-06	-1.01E-04	-6.39E-06	1.14E-04	4.96E-05	-5.13E-05				
31	457.33	1.64E+00	9.77E-01	1.04E+00	-5.08E-01	-8.51E-01	8.10E-01	1.91E+00	7.02E-01	-28.43	9.77E-01	5.08E-01	
	-88.00	2.29E-05	-2.62E-06	-1.83E-07	-3.91E-05	-6.55E-05	6.23E-05	3.35E-05	-1.32E-05				
32	472.67	-2.28E+00	-1.28E+00	-1.43E+00	-1.19E+00	4.85E-01	1.96E+00	-4.87E-01	-3.07E+00	-56.41	-2.93E+00	-5.63E-01	
	-68.00	-3.28E-05	5.64E-06	-1.77E-07	-9.14E-05	3.73E-05	1.51E-04	3.60E-05	-6.32E-05				
33	443.00	-2.70E-01	-9.33E-02	-3.89E-02	-6.20E-01	5.65E-02	7.51E-01	4.45E-01	-8.07E-01	-49.05	-2.70E-01	-6.20E-01	
	-19.50	-5.96E-06	9.28E-07	2.92E-06	-4.77E-05	4.34E-06	5.78E-05	2.15E-05	-2.66E-05				
34	454.00	-1.71E+00	-8.95E-01	-9.80E-01	-1.73E+00	5.51E-01	2.55E+00	4.80E-01	-3.08E+00	-51.59	-2.38E+00	-1.42E+00	
	-11.33	-2.63E-05	4.95E-06	1.67E-06	-1.33E-04	4.24E-05	1.96E-04	5.78E-05	-7.92E-05				
35	463.67	1.33E-01	4.15E-01	2.79E-01	-1.66E+00	1.27E-01	2.61E+00	1.94E+00	-1.39E+00	-47.43	1.33E-01	-1.66E+00	
	-12.00	-3.97E-06	6.87E-06	1.64E-06	-1.28E-04	9.73E-06	2.01E-04	6.55E-05	-6.26E-05				
36	469.00	1.03E+00	5.56E-01	7.01E-01	-1.74E-01	-7.68E-01	1.03E+00	1.05E+00	4.99E-01	-18.09	5.56E-01	1.74E-01	
	-30.00	1.45E-05	-3.77E-06	1.82E-06	-1.34E-05	-5.91E-05	7.90E-05	1.67E-05	-5.96E-06				
37	476.33	2.74E-01	-1.82E-01	-1.20E-01	-1.08E+00	1.38E-01	2.14E+00	8.52E-01	-1.31E+00	-46.13	-6.94E-01	-9.80E-01	
	-12.00	1.14E-06	-8.57E-07	1.79E-06	-8.33E-05	1.06E-05	[illegible]E-04	3.92E-05	-4.42E-05				
38	558.[illegible]	[illegible]25E-01	1.51E-01	9.32E-02	-1.11E+00	-3.50E-02	[illegible]E+00	1.25E+00	-9.74E-01	-45.34	1.25E-01	-1.1[illegible]	

	-303.	[illegible].81E-07	2.07E-06	-5.57E-07	-1.01E-04	-3.15E-06	[illegible]E-05	5.20E-05	-4.91E-05				
39	558.5[illegible]	[illegible].40E-02	2.13E-02	-5.15E-02	-1.10E+00	-6.59E-02	[illegible]E+00	1.10E+00	-1.10E+00	-45.60	-2.40E-02	-1.10[illegible]	
	-213.00	-3.94E-07	1.69E-06	-1.64E-06	-1.00E-04	-6.35E-06	5.48E-05	5.07E-05	-4.94E-05				
40	506.17	-8.25E-02	1.54E-01	-1.78E-02	-2.44E+00	-2.68E-01	2.26E+00	2.48E+00	-2.41E+00	-46.39	-8.29E-02	-2.44E+00	
	-128.00	-2.16E-06	3.22E-06	-6.84E-07	-1.11E-04	-1.22E-05	1.03E-04	5.61E-05	-5.50E-05				
41	558.50	3.91E-01	3.80E-02	-8.44E-02	-1.03E+00	-6.75E-01	1.49E+00	1.26E+00	-8.33E-01	-40.14	3.80E-02	1.03E+00	
	-148.00	7.08E-06	-9.45E-07	-3.73E-06	-4.69E-05	-3.07E-05	6.76E-05	2.69E-05	-2.07E-05				
42	610.83	-1.73E-01	4.01E-02	-2.35E-01	-2.18E+00	-3.94E-01	1.76E+00	2.12E+00	-2.25E+00	-46.40	-2.14E+00	6.75E-01	
	-128.00	-2.00E-06	2.84E-06	-3.41E-06	-9.91E-05	-1.75E-05	8.02E-05	5.00E-05	-4.92E-05				
43	501.38	3.49E-02	1.33E-01	6.94E-02	-5.34E-01	-2.52E-01	6.25E-01	6.21E-01	-4.52E-01	-47.63	3.48E-02	-5.34E-01	
	-78.00	-1.27E-06	2.42E-06	5.55E-08	-4.11E-05	-1.94E-05	4.05E-05	2.13E-05	-2.00E-05				
44	534.67	-2.58E-01	1.92E-01	-1.13E-01	-1.69E+00	-1.44E-01	2.22E+00	1.67E+00	-1.73E+00	-48.80	-1.66E+00	5.14E-01	
	-68.00	-7.97E-06	5.34E-06	-2.34E-06	-1.30E-04	-1.10E-05	1.71E-04	6.61E-05	-6.48E-05				
45	584.67	3.47E-01	4.64E-01	2.45E-01	-1.78E+00	-4.63E-01	1.37E+00	2.18E+00	-1.37E+00	-45.94	3.47E-01	-1.78E+00	
	-68.00	1.73E-06	6.23E-06	-2.16E-06	-1.37E-04	-3.56E-05	1.05E-04	7.23E-05	-6.44E-05				
46	610.83	1.62E+00	7.85E-01	7.78E-01	-9.74E-01	-7.88E-01	1.14E+00	2.26E+00	1.43E-01	-33.37	7.85E-01	9.74E-01	
	-88.00	2.74E-05	-4.82E-06	-5.06E-06	-7.49E-05	-6.06E-05	8.74E-05	5.21E-05	-2.95E-05				
47	482.63	1.63E-01	2.50E-01	2.72E-01	-3.66E-01	-2.34E-01	7.41E-01	5.76E-01	-1.62E-01	-58.40	1.63E-01	-3.66E-01	
	-21.00	-1.26E-06	2.10E-06	2.92E-06	-2.82E-05	-1.80E-05	5.70E-05	1.46E-05	-1.38E-05				
48	485.83	5.13E-01	8.57E-01	5.94E-01	-1.09E+00	-2.83E-02	2.38E+00	1.79E+00	-4.19E-01	-49.48	3.74E-01	-1.06E+00	
	-12.00	-1.85E-06	1.14E-05	1.26E-06	-8.39E-05	-2.17E-06	1.83E-04	4.72E-05	-3.77E-05				
49	507.88	-4.95E-02	2.51E-01	1.50E-01	-4.12E-01	-1.46E-01	8.29E-01	5.39E-01	-3.38E-01	-55.03	-4.95E-02	-4.12E-01	
	-21.00	-5.77E-06	5.80E-06	1.90E-06	-3.17E-05	-1.12E-05	6.38E-05	1.69E-05	-1.66E-05				
50	538.67	-3.20E-01	3.90E-01	-3.38E-02	-1.50E+00	-5.98E-01	1.92E+00	1.57E+00	-1.50E+00	-51.66	-1.42E+00	4.98E-01	
	-10.00	-1.27E-05	1.46E-05	-1.70E-06	-1.15E-04	-4.60E-05	1.48E-04	6.01E-05	-5.82E-05				
51	484.67	5.76E+00	4.02E+00	4.07E+00	8.42E-02	-5.26E-01	2.32E-01	5.76E+00	4.01E+00	2.76	4.02E+00	-8.42E-02	
	8.00	6.94E-05	2.35E-06	4.32E-06	6.48E-06	-4.04E-05	1.78E-05	6.95E-05	2.19E-06				
52	507.00	-1.77E+00	-2.00E+00	-1.42E+00	-1.13E+00	-2.79E-01	-8.42E-01	-7.46E-01	-3.02E+00	-42.15	-2.82E+00	-6.56E-01	
	9.00	-1.11E-05	-1.98E-05	2.38E-06	-8.72E-05	-2.15E-05	-6.48E-05	2.84E-05	-5.93E-05				
53	603.00	-1.58E-01	7.98E-02	-1.96E-01	-6.88E-01	-3.13E-01	5.77E-01	6.59E-01	-7.38E-01	-49.90	2.97E-01	-6.12E-01	
	-18.00	-3.06E-06	6.08E-06	-4.53E-06	-5.29E-05	-2.41E-05	4.43E-05	2.84E-05	-2.54E-05				
54	712.00	1.35E-01	7.87E-03	1.85E-02	-1.08E+00	-8.24E-02	8.22E-01	1.15E+00	-1.01E+00	-43.32	1.35E-01	-1.08E+00	
	-303.00	4.03E-06	-1.73E-06	-1.25E-06	-9.83E-05	-7.49E-06	7.47E-05	5.04E-05	-4.81E-05				
55	712.00	5.90E-01	4.45E-01	2.83E-01	-1.19E+00	-2.75E-01	8.22E-01	1.71E+00	-6.76E-01	-43.25	5.90E-01	-1.19E+00	
	-213.00	9.72E-06	3.11E-06	-4.27E-06	-1.08E-04	-2.50E-05	7.47E-05	6.07E-05	-4.78E-05				
56	712.00	6.18E-01	4.47E-01	-5.95E-02	-9.45E-01	-6.73E-01	5.91E-01	1.48E+00	-4.16E-01	-42.42	6.18E-01	-9.45E-01	
	-138.00	8.78E-06	4.89E-06	-6.63E-06	-4.30E-05	-3.06E-05	2.68E-05	2.84E-05	-1.47E-05				
57	712.00	9.05E-02	1.36E-02	-2.27E-01	-5.70E-01	-2.84E-01	5.19E-01	6.23E-01	-5.19E-01	-43.07	9.05E-02	-5.70E-01	
	-78.00	4.83E-06	1.87E-06	-7.37E-06	-4.38E-05	-2.19E-05	3.99E-05	2.53E-05	-1.86E-05				
58	712.00	1.87E-01	2.94E-01	-1.02E-01	-7.61E-01	-2.70E-01	5.97E-01	1.00E+00	-5.22E-01	-47.00	1.87E-01	-7.61E-01	
	-18.00	3.04E-06	7.13E-06	-8.09E-06	-5.85E-05	-2.08E-05	4.60E-05	3.44E-05	-2.43E-05				
59	837.00	3.11E+00	1.77E+00	1.95E+00	-9.10E-01	-3.96E-01	6.61E-01	3.57E+00	1.31E+00	-26.85	1.77E+00	9.10E-01	
	-318.00	5.26E-05	-8.19E-06	.00E+00	-8.28E-05	-3.60E-05	6.01E-05	7.36E-05	-2.91E-05				
60	887.00	5.41E-01	2.16E-01	3.03E-01	-2.43E+00	-1.75E-01	1.40E+00	2.83E+00	-2.06E+00	-43.09	-1.84E+00	1.00E+00	
	-288.00	1.08E-05	-3.53E-06	.00E+00	-2.21E-04	-1.59E-05	1.27E-04	1.14E-04	-1.07E-04				
61	987.00	-4.72E-01	-2.29E-01	-2.81E-01	-2.48E+00	4.77E-02	1.19E+00	2.14E+00	-2.84E+00	-46.40	-4.72E-01	-2.48E+00	
	-288.00	-8.71E-06	2.33E-06	.00E+00	-2.26E-04	4.33E-06	1.08E-04	1.10E-04	-1.16E-04				
62	1037.00	3.16E+00	1.97E+00	2.05E+00	-1.84E+00	-2.69E-01	8.96E-01	4.50E+00	6.32E-01	-35.99	1.97E+00	1.84E+00	
	-318.00	5.05E-05	-3.86E-06	.00E+00	-1.67E-04	-2.44E-05	8.15E-05	1.11E-04	-6.46E-05				
63	862.00	6.99E-02	1.30E-01	-1.03E-01	-1.21E+00	-4.31E-02	7.18E-01	1.31E+00	-1.11E+00	-45.72	6.89E-02	-1.21E+00	
	-213.00	1.89E-06	4.66E-06	-5.92E-06	-1.10E-04	-3.92E-06	6.53E-05	5.83E-05	-5.18E-05				
64	1012.00	-1.93E-01	-3.17E-02	-2.77E-01	-1.32E+00	2.52E-02	6.77E-01	1.21E+00	-1.43E+00	-46.75	-1.93E-01	-1.32E+00	
	-213.00	-2.26E-06	5.08E-06	-6.08E-06	-1.20E-04	2.29E-06	6.16E-05	6.15E-05	-5.86E-05				
65	837.00	-2.19E-01	2.29E-01	-5.56E-01	-8.86E-01	-3.58E-01	7.99E-01	9.19E-01	-9.06E-01	-52.08	2.29E-01	8.86E-01	
	-148.00	-2.10E-06	8.05E-06	-9.74E-06	-4.03E-05	-1.63E-05	3.63E-05	2.37E-05	-1.78E-05				
66	937.00	6.56E-02	2.25E-01	-4.10E-01	-1.60E+00	-9.84E-02	8.66E-01	1.75E+00	-1.46E+00	-46.42	-9.02E-01	1.22E+00	
	-128.00	2.12E-06	5.75E-06	-8.70E-06	-7.29E-05	-4.47E-06	3.94E-05	4.04E-05	-3.25E-05				
67	1037.00	1.37E+00	6.26E-01	8.44E-02	-1.53E+00	-4.16E-01	1.09E+00	2.58E+00	-5.75E-01	-38.14	6.26E-01	1.53E+00	
	-148.00	2.03E-05	3.29E-06	-8.98E-06	-6.96E-05	-1.89E-05	4.96E-05	4.76E-05	-2.40E-05				
68	837.00	5.15E-01	7.51E-01	1.94E-01	-1.75E+00	-3.11E-01	9.26E-01	2.39E+00	-1.12E+00	-46.93	5.15E-01	-1.75E+00	
	-68.00	3.76E-06	1.28E-05	-8.57E-06	-1.35E-04	-2.39E-05	7.13E-05	7.58E-05	-5.92E-05				
69	937.00	3.30E-01	-1.26E-01	-3.26E-01	-9.21E-01	-2.90E-01	6.86E-01	1.05E+00	-8.47E-01	-38.05	-1.26E-01	9.21E-01	
	-88.00	1.40E-05	-3.50E-06	-1.12E-05	-7.09E-05	-2.23E-05	5.28E-05	4.16E-05	-3.12E-05				
70	1037.00	2.79E-01	3.51E-01	-1.00E-01	-1.58E+00	1.22E-01	1.33E+00	1.93E+00	-1.24E+00	-46.01	-7.12E-01	1.18E+00	

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	-68.	[illegible]	8.76E-06	-1.01E-05	-1.21E-04	9.37E-06	[illegible]	[illegible]	6.73E-05	-5.40E-05				
71	862.0	[illegible]	3.22E-01	-1.72E-01	-7.45E-01	-2.52E-01	[illegible]	1.04E+00	-4.55E-01	-46.20	2.59E-01	-7.45E		
	-18.00	5.47E-06	7.98E-06	-1.11E-05	-5.73E-05	-1.94E-05	[illegible]	3.53E-05	-2.20E-05					
72	1012.00	-1.90E-01	-7.43E-02	-5.28E-01	-7.62E-01	8.23E-02	4.59E-01	6.32E-01	-8.96E-01	-47.18	-1.90E-01	-7.62E-01		
	-18.00	1.39E-06	5.85E-06	-1.16E-05	-5.86E-05	6.33E-06	3.53E-05	3.30E-05	-2.58E-05					
73	1387.00	-1.82E-01	-1.84E-01	-2.04E-01	-9.87E-01	5.83E-03	3.49E-01	8.04E-01	-1.17E+00	-44.96	-1.82E-01	-9.87E-01		
	-303.00	-8.50E-07	-9.65E-07	-1.89E-06	-9.97E-05	5.30E-07	3.17E-05	4.39E-05	-4.58E-05					
74	1387.00	-5.28E-02	2.24E-02	-1.90E-01	-1.04E+00	7.59E-03	3.57E-01	1.02E+00	-1.05E+00	-46.04	-5.28E-02	-1.04E+00		
	-213.00	4.58E-07	3.88E-06	-5.76E-06	-9.42E-05	6.90E-07	3.24E-05	4.93E-05	-4.50E-05					
75	1387.00	-5.76E-02	-9.25E-02	-5.20E-01	-7.61E-01	1.62E-02	2.10E-01	6.84E-01	-8.40E-01	-44.23	-5.76E-02	-7.61E-01		
	-138.00	2.24E-06	1.30E-06	-8.26E-06	-3.46E-05	8.27E-07	9.93E-06	1.91E-05	-1.55E-05					
76	1187.00	1.68E-01	1.32E-01	-2.02E-01	-1.15E+00	-1.26E-01	1.05E-01	1.30E+00	-1.00E+00	-44.55	1.68E-01	-1.15E+00		
	-68.00	5.39E-06	3.99E-06	-8.84E-06	-8.88E-05	-9.70E-06	8.07E-06	4.91E-05	-3.97E-05					
77	1387.00	3.30E-01	3.23E-01	-1.02E-01	-6.07E-01	-8.37E-02	3.01E-01	9.34E-01	-2.81E-01	-44.82	3.23E-01	6.07E-01		
	-88.00	6.65E-06	6.36E-06	-9.98E-06	-4.67E-05	-6.44E-06	2.32E-05	2.99E-05	-1.69E-05					
78	1587.00	2.41E-02	4.86E-02	-2.88E-01	-7.27E-01	6.29E-02	9.68E-02	7.63E-01	-6.91E-01	-45.48	-2.32E-01	6.76E-01		
	-68.00	3.30E-06	4.24E-06	-8.72E-06	-5.59E-05	4.83E-06	7.45E-06	3.17E-05	-2.42E-05					
79	1237.00	3.80E-01	2.05E-01	-1.64E-01	-6.19E-01	-1.16E-01	2.30E-01	9.17E-01	-3.33E-01	-40.98	3.80E-01	-6.19E-01		
	-18.00	9.98E-06	3.25E-06	-1.09E-05	-4.76E-05	-8.95E-06	1.77E-05	3.07E-05	-1.74E-05					
80	1433.80	2.33E-01	1.60E-01	-2.15E-01	-6.98E-01	-3.34E-03	1.33E-01	8.96E-01	-5.02E-01	-43.50	2.33E-01	-6.98E-01		
	-8.00	7.02E-06	4.20E-06	-1.02E-05	-5.37E-05	-2.57E-07	1.03E-05	3.25E-05	-2.13E-05					
81	1533.80	3.82E-01	1.05E-01	-1.58E-01	-4.36E-01	7.73E-03	1.09E-01	7.01E-01	-2.14E-01	-36.20	1.05E-01	4.36E-01		
	-28.00	1.11E-05	4.32E-07	-9.68E-06	-3.35E-05	5.95E-07	8.38E-06	2.33E-05	-1.18E-05					
82	1633.80	3.69E-01	1.09E-01	-1.39E-01	-1.49E-01	7.00E-02	-7.80E-04	4.37E-01	4.18E-02	-24.44	4.35E-02	2.64E-02		
	-8.00	1.05E-05	4.79E-07	-9.09E-06	-1.14E-05	5.38E-06	-6.00E-08	1.31E-05	-2.12E-06					
83	1433.80	1.64E+00	7.55E-01	5.57E-01	-4.87E-01	-3.06E-01	1.20E-01	1.86E+00	5.35E-01	-23.90	7.55E-01	4.87E-01		
	27.60	3.06E-05	-3.38E-06	-1.10E-05	-3.75E-05	-2.35E-05	9.20E-06	3.89E-05	-1.17E-05					
84	1296.10	5.65E-01	1.11E-01	-1.59E-01	-4.94E-01	-1.39E-01	1.88E-01	8.81E-01	-2.05E-01	-32.66	4.06E-01	5.39E-01		
	40.70	1.60E-05	-1.41E-06	-1.18E-05	-3.80E-05	-1.07E-05	1.44E-05	2.82E-05	-1.36E-05					
85	1148.60	2.07E-01	-1.32E-01	-3.92E-01	-6.19E-01	-1.49E-01	3.04E-02	6.75E-01	-6.03E-01	-37.34	-5.12E-01	-3.30E-01		
	57.33	1.15E-05	-1.59E-06	-1.16E-05	-4.76E-05	-1.15E-05	2.34E-06	2.96E-05	-1.97E-05					
86	1131.40	2.11E+00	9.62E-01	7.04E-01	-3.13E-01	-6.99E-01	-4.71E-02	2.19E+00	8.82E-01	-14.33	9.62E-01	3.13E-01		
	112.00	3.96E-05	-4.46E-06	-1.44E-05	-2.41E-05	-5.38E-05	-3.62E-06	4.27E-05	-7.53E-06					
87	1019.80	6.58E-01	5.53E-01	9.06E-03	-7.29E-01	-3.17E-01	9.23E-01	1.34E+00	-1.25E-01	-42.93	5.53E-01	7.29E-01		
	34.67	1.19E-05	7.86E-06	-1.31E-05	-5.61E-05	-2.44E-05	7.10E-05	3.80E-05	-1.82E-05					
88	886.60	2.38E-01	2.40E-01	-2.43E-01	-5.92E-01	-1.57E-01	5.19E-01	8.31E-01	-3.53E-01	-45.06	2.38E-01	-5.92E-01		
	46.00	6.56E-06	6.66E-06	-1.19E-05	-4.55E-05	-1.21E-05	3.99E-05	2.94E-05	-1.62E-05					
89	869.80	1.04E+00	4.06E-01	3.55E-02	-3.69E-01	-6.10E-01	-2.27E-03	1.21E+00	2.36E-01	-24.77	4.06E-01	3.69E-01		
	96.00	2.36E-05	-6.18E-07	-1.49E-05	-2.84E-05	-4.69E-05	-1.74E-07	3.02E-05	-7.17E-06					
90	952.60	1.83E-01	-4.91E-01	-6.17E-01	-7.95E-01	-2.29E-01	5.98E-01	7.09E-01	-1.02E+00	-33.52	-7.63E-01	6.12E-01		
	128.00	1.72E-05	-8.70E-06	-1.36E-05	-6.12E-05	-1.76E-05	4.60E-05	3.75E-05	-2.90E-05					
91	869.80	3.09E-01	9.20E-02	-2.84E-01	-3.72E-01	-2.75E-01	2.59E-02	5.88E-01	-1.87E-01	-36.88	3.09E-01	-3.72E-01		
	160.00	1.06E-05	2.25E-06	-1.22E-05	-2.86E-05	-2.12E-05	1.99E-06	2.13E-05	-8.49E-06					
92	869.80	1.74E+00	5.94E-01	3.15E-01	-3.21E-01	-1.17E+00	2.43E-01	1.82E+00	5.10E-01	-14.62	5.94E-01	3.21E-01		
	203.60	3.78E-05	-6.27E-06	-1.69E-05	-2.47E-05	-8.99E-05	1.87E-05	4.10E-05	-9.49E-06					
93	598.67	-2.73E-01	2.02E-01	-2.65E-01	-1.16E+00	-8.86E-01	1.30E+00	1.15E+00	-1.22E+00	-50.79	2.02E-01	1.16E+00		
	16.00	-6.80E-06	1.15E-05	-6.50E-06	-8.90E-05	-6.82E-05	9.97E-05	4.78E-05	-4.31E-05					
94	645.75	8.44E-02	2.36E-01	-1.14E-01	-7.55E-01	-3.23E-01	5.81E-01	9.19E-01	-5.99E-01	-47.86	8.44E-02	-7.55E-01		
	24.00	9.83E-07	6.80E-06	-6.66E-06	-5.81E-05	-2.48E-05	4.47E-05	3.31E-05	-2.53E-05					
95	613.10	8.89E-02	3.61E-01	2.38E-02	-1.37E+00	-3.96E-01	-1.86E-01	1.60E+00	-1.15E+00	-47.84	8.89E-02	-1.37E+00		
	69.33	-1.78E-06	8.67E-06	-4.29E-06	-1.05E-04	-3.05E-05	-1.43E-05	5.63E-05	-4.94E-05					
96	706.45	2.04E-01	1.55E-01	-2.00E-01	-6.14E-01	-3.42E-01	3.95E-01	7.94E-01	-4.35E-01	-43.85	5.14E-01	5.16E-01		
	55.00	6.11E-06	4.21E-06	-9.44E-06	-4.72E-05	-2.63E-05	3.04E-05	2.88E-05	-1.85E-05					
97	613.10	5.37E-01	1.28E-01	-1.11E-01	-4.93E-01	-1.36E+00	2.74E-01	8.66E-01	-2.01E-01	-33.73	1.28E-01	4.93E-01		
	96.00	1.46E-05	-1.17E-06	-1.04E-05	-3.79E-05	-1.05E-04	2.11E-05	2.72E-05	-1.36E-05					
98	682.27	2.97E-01	2.50E-01	-1.20E-01	-8.91E-01	-4.08E-01	3.23E-01	1.16E+00	-6.17E-01	-44.24	-4.33E-01	5.43E-01		
	112.00	6.73E-06	4.92E-06	-9.31E-06	-6.85E-05	-3.14E-05	2.49E-05	4.01E-05	-2.84E-05					
99	751.43	1.21E+00	2.12E-01	1.16E-01	-8.81E-01	-8.00E-01	1.07E+00	1.72E+00	-3.01E-01	-30.25	2.12E-01	8.81E-01		
	96.00	2.06E-05	-8.73E-06	-1.24E-05	-6.78E-05	-6.16E-05	8.25E-05	4.94E-05	-2.85E-05					
100	683.25	1.90E-01	9.56E-02	-2.59E-01	-3.11E-01	-3.22E-01	4.12E-01	4.51E-01	-1.76E-01	-41.15	1.80E-01	-3.11E-01		
	152.00	6.73E-06	3.50E-06	-1.01E-05	-2.39E-05	-2.47E-05	3.17E-05	1.72E-05	-6.94E-06					
101	645.67	1.22E+00	4.68E-01	1.04E-01	-2.13E-01	-1.00E+00	1.76E-01	1.27E+00	4.12E-01	-14.78	4.68E-01	2.13E-01		
	192.00	2.65E-05	-2.34E-06	-1.40E-05	-1.64E-05	-7.70E-05	1.35E-05	2.87E-05	-4.50E-06					
102	725.25	2.05E-01	-1.07E-01	-3.47E-01	-2.88E-01	-2.71E-01	3.56E-01	3.77E-01	-2.79E-01	-30.78	6.91E-02	3.27E-01		

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	232.70	1.06E-05	-1.31E-06	-1.06E-05	-2.22E-05	-2.16E-05	2.74E-05	1.72E-05	-7.95E-06				
103	635.50	2.45E-01	4.09E-01	-2.16E-02	5.24E-03	-2.12E-01	-3.20E-01	4.09E-01	2.49E-01	68.13	2.49E-01	5.24E-03	
	256.00	2.58E-06	8.75E-06	-7.83E-06	4.03E-07	-1.63E-05	-2.46E-05	8.75E-06	2.57E-06				
104	635.50	4.31E-01	3.15E-01	-1.43E-01	1.29E-02	-8.06E-01	4.29E-02	4.32E-01	3.14E-01	6.33	3.15E-01	-1.29E-02	
	280.67	1.00E-05	5.57E-06	-1.23E-05	9.94E-07	-6.20E-05	3.30E-06	1.01E-05	5.51E-06				
105	569.00	-3.62E-01	2.04E-01	-1.80E-01	-1.16E+00	-3.95E-01	1.09E+00	1.12E+00	-1.27E+00	-51.87	-3.62E-01	-1.16E+00	
	16.50	-1.02E-05	1.16E-05	-3.24E-06	-8.93E-05	-3.04E-05	8.39E-05	4.67E-05	-4.53E-05				
106	508.50	-3.48E+00	-2.28E+00	-2.40E+00	-1.04E+00	-1.06E+00	2.92E-01	-1.69E+00	-4.08E+00	-60.00	-2.28E+00	1.04E+00	
	13.00	-4.42E-05	1.87E-06	-2.54E-06	-7.97E-05	-8.15E-05	2.25E-05	2.49E-05	-6.72E-05				
107	521.00	-8.38E-01	-2.26E-01	-4.15E-01	-1.24E+00	-3.37E-01	5.82E-01	7.43E-01	-1.81E+00	-51.95	-8.38E-01	-1.24E+00	
	15.75	-1.60E-05	7.57E-06	2.82E-07	-9.52E-05	-2.60E-05	4.48E-05	4.48E-05	-5.32E-05				
108	526.25	-7.27E-01	-1.85E-01	-3.87E-01	-1.35E+00	-2.86E-01	6.06E-01	9.24E-01	-1.84E+00	-50.67	-7.27E-01	-1.35E+00	
	21.00	-1.37E-05	7.16E-06	-5.95E-07	-1.04E-04	-2.20E-05	4.66E-05	4.98E-05	-5.63E-05				
109	515.50	-2.26E+00	-1.47E+00	-1.65E+00	-1.75E+00	-7.78E-01	2.95E-01	-6.92E-02	-3.66E+00	-51.31	-1.47E+00	1.75E+00	
	26.00	-2.77E-05	2.49E-06	-4.38E-06	-1.35E-04	-5.99E-05	2.27E-05	5.65E-05	-8.17E-05				
110	531.50	-3.44E-01	-9.04E-02	-2.55E-01	-1.09E+00	-2.00E-01	5.29E-01	8.88E-01	-1.31E+00	-48.44	-3.44E-01	-1.09E+00	
	34.50	-5.75E-06	4.37E-06	-2.35E-06	-9.40E-05	-1.54E-05	4.07E-05	4.16E-05	-4.30E-05				
111	515.50	6.15E-01	1.19E+00	6.96E-01	-3.36E+00	-1.65E-01	-5.02E-01	4.27E+00	-2.47E+00	-47.42	6.15E-01	-3.36E+00	
	44.00	-3.77E-06	1.81E-05	-6.61E-07	-2.59E-04	-1.27E-05	-3.86E-05	1.37E-04	-1.23E-04				
112	515.50	-2.12E-01	-1.54E-01	-3.32E-01	-7.60E-01	-4.99E-01	2.42E-01	5.78E-01	-9.44E-01	-46.08	-1.54E-01	7.60E-01	
	53.33	-4.70E-07	1.73E-06	-5.10E-06	-5.85E-05	-3.84E-05	1.86E-05	2.99E-05	-2.86E-05				
113	547.50	4.47E-01	1.07E-01	4.68E-02	-1.11E+00	-2.65E-01	1.47E+00	1.40E+00	-8.45E-01	-40.64	-2.44E-01	9.94E-01	
	64.00	1.06E-05	-2.50E-06	-4.80E-06	-9.53E-05	-2.04E-05	1.13E-04	4.72E-05	-3.91E-05				
114	515.50	8.57E-01	1.17E+00	6.90E-01	-1.42E+00	-8.26E-02	7.46E-02	2.44E+00	-4.20E-01	-48.09	8.57E-01	-1.42E+00	
	74.67	3.16E-06	1.50E-05	-3.29E-06	-1.09E-04	-6.35E-06	5.74E-06	6.41E-05	-4.60E-05				
115	515.50	1.40E+00	8.78E-01	7.24E-01	-4.97E-01	-3.74E-01	2.35E-01	1.70E+00	5.79E-01	-31.08	8.78E-01	4.97E-01	
	88.00	2.09E-05	7.58E-07	-5.18E-06	-3.82E-05	-2.88E-05	1.80E-05	3.24E-05	-1.08E-05				
116	547.50	1.09E+00	3.31E-01	3.89E-01	-1.42E+00	-2.23E-01	9.55E-01	2.18E+00	-7.61E-01	-37.56	-2.93E-01	1.08E+00	
	104.00	2.19E-05	-7.11E-06	-4.87E-06	-1.09E-04	-1.71E-05	7.34E-05	6.39E-05	-4.91E-05				
117	515.50	3.29E-01	5.23E-01	1.53E-01	-1.13E+00	-3.41E-02	2.95E-01	1.56E+00	-7.07E-01	-47.46	3.29E-01	-1.13E+00	
	120.00	1.60E-06	9.08E-06	-5.16E-06	-8.68E-05	-2.63E-06	2.27E-05	4.89E-05	-3.82E-05				
118	515.50	8.10E-01	4.73E-01	2.61E-01	-4.30E-01	-2.69E-01	1.94E-01	1.10E+00	1.80E-01	-34.30	4.73E-01	4.30E-01	
	136.00	1.42E-05	1.23E-06	-6.92E-06	-3.31E-05	-2.07E-05	1.49E-05	2.55E-05	-1.01E-05				
119	547.50	9.37E-01	5.05E-01	3.40E-01	-9.58E-01	-1.50E-01	5.11E-01	1.70E+00	-2.61E-01	-38.65	7.97E-02	7.44E-01	
	152.00	1.65E-05	-1.52E-07	-6.52E-06	-7.37E-05	-1.15E-05	3.93E-05	4.59E-05	-2.96E-05				
120	515.50	4.58E-01	5.94E-01	1.76E-01	-7.88E-01	-6.38E-02	-2.04E-02	1.32E+00	-2.65E-01	-47.46	4.58E-01	-7.88E-01	
	168.00	4.12E-06	9.35E-06	-6.73E-06	-6.06E-05	-4.91E-06	-1.57E-06	3.72E-05	-2.37E-05				
121	515.50	1.15E+00	6.66E-01	4.11E-01	-3.20E-01	-3.84E-01	1.42E-01	1.31E+00	5.07E-01	-26.53	6.66E-01	3.20E-01	
	184.00	1.97E-05	1.18E-06	-8.62E-06	-2.46E-05	-2.95E-05	1.09E-05	2.58E-05	-4.96E-06				
122	547.50	5.32E-01	-1.05E-01	-1.25E-01	-9.81E-01	-1.85E-01	7.85E-01	1.24E+00	-8.17E-01	-36.01	-5.29E-01	7.15E-01	
	200.00	1.71E-05	-7.35E-06	-8.12E-06	-7.54E-05	-1.42E-05	6.04E-05	4.45E-05	-3.48E-05				
123	515.50	-6.18E-02	2.19E-03	-3.14E-01	-5.31E-01	-2.29E-02	-6.27E-02	5.03E-01	-5.62E-01	-46.72	-6.18E-02	-5.31E-01	
	216.00	1.73E-06	4.19E-06	-7.98E-06	-4.09E-05	-1.77E-06	-4.78E-06	2.34E-05	-1.75E-05				
124	515.50	1.00E-01	-3.37E-02	-3.25E-01	-9.38E-02	-2.84E-01	9.45E-02	1.49E-01	-8.20E-02	-27.22	-3.37E-02	9.38E-02	
	232.00	6.70E-06	1.54E-06	-9.65E-06	-7.22E-06	-2.19E-05	7.27E-06	8.55E-06	-3.20E-07				
125	547.50	-1.12E-01	-2.47E-01	-4.74E-01	-1.99E-01	-1.16E-01	8.22E-01	3.13E-02	-3.90E-01	-35.65	-3.33E-01	1.44E-01	
	248.00	4.85E-06	-3.41E-07	-9.08E-06	-1.53E-05	-8.96E-06	6.32E-05	1.04E-05	-5.84E-06				
126	515.50	-3.62E-01	-3.99E-01	-5.96E-01	7.31E-02	5.53E-02	8.51E-02	-3.05E-01	-4.56E-01	37.85	-3.62E-01	7.31E-02	
	264.00	9.95E-07	-4.37E-07	-8.01E-06	5.62E-06	4.25E-06	6.55E-06	3.18E-06	-2.62E-06				
127	515.50	-1.85E-01	-2.04E-01	-4.51E-01	2.65E-02	-5.19E-02	6.29E-02	-1.66E-01	-2.23E-01	34.79	-2.04E-01	-2.65E-02	
	276.00	2.13E-06	1.27E-06	-8.11E-06	2.04E-06	-3.99E-06	4.84E-06	2.83E-06	6.62E-07				
128	531.50	-4.23E-01	-2.34E-01	-5.29E-01	3.29E-03	4.49E-02	4.54E-02	-2.34E-01	-4.23E-01	69.01	-4.23E-01	3.29E-03	
	297.00	-3.24E-06	4.05E-06	-7.32E-06	2.53E-07	3.45E-06	3.49E-06	4.05E-06	-3.25E-06				
129	515.50	-9.80E-01	-3.63E-01	-7.36E-01	2.49E-01	3.89E-02	-3.95E-02	-2.62E-01	-9.80E-01	68.00	-8.80E-01	2.49E-01	
	320.00	-1.21E-05	7.78E-06	-6.56E-06	1.92E-05	2.99E-06	-3.04E-06	1.17E-05	-1.60E-05				
183	565.50	-1.57E-01	4.24E-01	4.79E-02	-1.79E+00	-5.10E-01	1.31E+00	1.94E+00	-1.68E+00	-49.63	-1.57E-01	-1.79E+00	
	-8.00	-9.52E-06	1.29E-05	-1.62E-06	-1.37E-04	-3.97E-05	1.01E-04	7.13E-05	-6.79E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7100E+01

N	LONG MOM	CIRC MOM	CROSS MOM	LONG	HOOP FORCE	SHEAR FORCE

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3663E+02	.2240E+03	.1156E+03	-.1281E+02	-.1469E+02	.1359E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2037E+01	-.6083E+00	.9094E-02	-.1803E+02	.4709E+01	.1082E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1060E+01	.1082E+00	.8362E-01	-.3144E+02	.8714E+01	.2101E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1647E+01	-.4189E+00	.1265E+00	-.4465E+02	.1510E+02	.3092E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1716E+01	.2142E+00	.9558E-01	-.5741E+02	.2110E+02	.4213E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.9145E+00	.3327E+00	-.4142E-01	-.7516E+02	.2822E+02	.5648E+02
25	-.5840E+01	-.9323E+00	.5496E-01	-.9206E+02	.3131E+02	.7105E+02
26	-.6651E+01	-.1324E+01	.1785E+00	-.1007E+03	.3354E+02	.8168E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4063E+02	.7085E+01	-.8211E+00	-.1048E+03	.5006E+02	.9060E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.3669E+03	-.7396E+02	.9438E+01	-.1454E+03	.1504E+03	.1458E+03
40	-.3401E+03	-.6269E+02	.6003E+01	-.1395E+03	.1476E+03	.1330E+03
41	-.3140E+03	-.5044E+02	.4000E-01	-.1226E+03	.1333E+03	.1144E+03
42	-.9911E+02	-.1291E+02	-.3171E+01	-.1066E+03	.9195E+02	.9948E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1146E+04	.1603E+03	.6480E+01	-.3469E+02	.1662E+03	-.8908E+02
48	.1009E+04	.1378E+03	.7306E+01	-.3346E+02	.1564E+03	-.6226E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1221E+04	.1846E+03	.6098E+01	.7713E+02	.1226E+03	-.2358E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.4651E+01	.1404E+01	.5185E+00	-.2109E+02	.1623E+03	-.8526E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.8335E+03	.1258E+03	.5984E+01	.5393E+02	.9443E+02	-.2187E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

65	.5030E+03	.8753E+02	.7304E+01	.5212E+02	.8228E+02	-.2119E+03
66	.1524E+03	.2773E+02	.9832E+01	.5957E+02	.5255E+02	-.2214E+03
67	-.4212E+03	-.6309E+02	.9757E+01	.5738E+02	.1978E+02	-.2205E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.7479E+03	-.1123E+03	.7939E+01	.2323E+02	-.1448E+02	-.2311E+03
76	.8466E+02	.1217E+02	.5219E+01	.1540E+02	-.5250E+02	-.2369E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3126E+03	-.4781E+02	.3703E+01	.7303E+01	-.9323E+02	-.2275E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1361E+03	.1932E+02	.2468E+01	-.9110E+01	-.1152E+03	-.2248E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1815E+03	-.2866E+02	.2208E+01	.4473E+00	-.1480E+03	-.2055E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1288E+03	.1772E+02	.1841E+01	.4211E+01	-.1649E+03	-.1861E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1456E+03	-.2371E+02	.1835E+01	.2356E+00	-.1929E+03	-.1683E+03
109	.8961E+02	.1143E+02	.1478E+01	-.2637E+01	-.2076E+03	-.1447E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1207E+03	-.2032E+02	.1360E+01	.5336E+01	-.2280E+03	-.1232E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.3987E+02	-.8249E+01	-.1026E+00	.9501E+01	-.2325E+03	-.9967E+02
115	-.3959E+02	-.8281E+01	-.7297E+00	.1268E+02	-.2317E+03	-.7559E+02
116	-.5177E+02	-.1030E+02	-.1605E+01	.1254E+02	-.2349E+03	-.6341E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6681E+02	-.1265E+02	-.2256E+01	.9830E+01	-.2366E+03	-.5054E+02
119	-.6205E+02	-.1167E+02	-.3200E+01	.1557E+02	-.2123E+03	-.3527E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1168E+03	-.1392E+02	-.7028E+01	.5992E+01	-.1729E+03	-.2299E+02
122	-.9700E+02	-.4207E+01	-.1017E+02	-.5127E+01	-.1647E+03	-.1726E+02
123	-.7235E+02	-.2214E+01	-.9009E+01	-.3265E+01	-.1427E+03	-.1522E+02
124	-.5076E+02	-.1418E+01	-.6229E+01	-.2000E+01	-.1165E+03	-.1357E+02
125	-.3124E+02	-.8468E-01	-.4571E+01	-.9595E+00	-.9526E+02	-.1201E+02
[illegible]	-.5668E+01	.2609E+01	-.4234E+01	.386[illegible]	-.7847E+02	-.1034E+02
[illegible]	.1228E+02	.6642E+01	-.4243E+01	.1[illegible]	-.6536E+02	-.8299E+01
[illegible]	.3063E+02	.8633E+01	-.3139E+01	[illegible]	-.3928E+02	-.6033E+01

	.2899E+02	.7414E+01	-.2996E+01	[illegible]	-.1909E+02	-.4186E+01
[illegible]	.1946E+02	.4385E+01	-.1324E+01	[illegible]	-.5060E+01	-.3111E+01
131	.4774E+01	.7429E+00	-.1052E+01	.3[illegible]E+01	.1241E+01	-.2646E+01
132	-.5046E+00	-.3626E+00	-.7400E+00	.2387E+01	-.5908E+00	-.2456E+01
133	-.1047E+01	-.3047E+00	-.7182E+00	.1660E+01	-.2312E+01	-.2167E+01
134	-.2736E+00	-.7440E-01	-.7467E+00	.1265E+01	-.2275E+01	-.1731E+01
135	.2538E-01	.6866E-02	-.8431E+00	.3581E+00	-.1593E+01	-.1273E+01
136	.1800E-02	-.7400E-03	-.1131E+01	.5582E+00	-.1008E+01	-.8421E+00
137	.4172E-01	.1483E-01	-.1862E+01	.4074E+00	-.4379E+00	-.4553E+00
138	-.3708E-01	-.5822E-01	-.3915E+02	.2011E+00	.9551E-01	-.2104E+00
139	-.3986E-01	-.6456E-01	.3487E+02	.3916E-01	-.4803E-01	.3591E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.24193E-01	.12643E-03	-.24163E-01	.00000E+00
3	.44104E-01	.43768E-03	-.44126E-01	.00000E+00
4	.47863E-01	.43248E-03	-.47820E-01	.00000E+00
5	.51715E-01	.30419E-04	-.51735E-01	.00000E+00
6	.58452E-01	-.11059E-04	-.58446E-01	.85113E-05
7	.53652E-01	.80357E-03	-.54301E-01	.00000E+00
8	.58611E-01	.60399E-03	-.58778E-01	.14448E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.23948E-01	.24330E-03	-.24134E-01	.00000E+00
11	.44349E-01	.50998E-03	-.44904E-01	.00000E+00
12	.49519E-01	.56072E-03	-.50148E-01	.00000E+00
13	.53633E-01	.42890E-03	-.53902E-01	.00000E+00
14	.58958E-01	.55496E-03	-.59653E-01	.43012E-05
15	.54391E-01	.11117E-02	-.56404E-01	.00000E+00
16	.59475E-01	.89075E-03	-.61094E-01	-.31489E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.24192E-01	.32953E-03	-.24964E-01	.00000E+00
19	.45221E-01	.59395E-03	-.46878E-01	.00000E+00
20	.50631E-01	.72645E-03	-.52594E-01	.00000E+00
21	.54931E-01	.42534E-03	-.56686E-01	.00000E+00
22	.60190E-01	.45547E-03	-.63112E-01	.11999E-05
23	.56422E-01	.15984E-02	-.60966E-01	.00000E+00
24	.61074E-01	.13127E-02	-.65767E-01	.17809E-04
25	.61635E-01	.17366E-02	-.67495E-01	-.77947E-06
26	.62054E-01	.16135E-02	-.68523E-01	-.80614E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.24287E-01	.63058E-03	-.25529E-01	.00000E+00
29	.46310E-01	.11256E-02	-.48655E-01	.00000E+00
30	.51778E-01	.12538E-02	-.55362E-01	.00000E+00
31	.56824E-01	.15639E-02	-.61624E-01	.00000E+00
32	.62438E-01	.18445E-02	-.69666E-01	.49769E-04
33	.56698E-01	.24226E-02	-.61534E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.24151E-01	.97357E-03	-.25479E-01	.00000E+00
36	.46711E-01	.13772E-02	-.48911E-01	.00000E+00
37	.52377E-01	.15316E-02	-.55002E-01	.00000E+00
38	.58405E-01	.18912E-02	-.63755E-01	.00000E+00
39	.63119E-01	.25992E-02	-.71607E-01	-.37788E-04
40	.63000E-01	.26287E-02	-.71155E-01	-.56702E-05
41	.62887E-01	.27583E-02	-.70736E-01	.17094E-04
42	.62739E-01	.24119E-02	-.70263E-01	.39444E-04
43	.51986E-01	.20903E-02	-.53254E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.22660E-01	-.25398E-03	-.22854E-01	.00000E+00
46	.46743E-01	.12076E-02	-.46280E-01	.00000E+00
47	.63174E-01	.23019E-02	-.71770E-01	-.32415E-04
48	.63157E-01	.24454E-02	-.71757E-01	-.50375E-04

49	.53344E-01	.13739E-02	-.63176E-01	.00000E+00
50	.63766E-01	.24394E-02	-.72028E-01	-.14556E-03
51	.50050E-01	.22529E-02	-.61323E-01	.00000E+00
52	.66132E-01	.21449E-02	-.67305E-01	.00000E+00
53	.63215E-01	.21754E-02	-.71825E-01	-.58930E-05
54	.51873E-01	.11269E-02	-.49249E-01	.00000E+00
55	.58196E-01	.13904E-02	-.54300E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.10454E-01	.20790E-02	-.16234E-01	.00000E+00
58	.41753E-01	.11155E-02	-.31018E-01	.00000E+00
59	.67466E-01	.14570E-02	-.63124E-01	.00000E+00
60	.66354E-01	.20000E-02	-.65201E-01	.00000E+00
61	.64327E-01	.24423E-02	-.72203E-01	-.22376E-03
62	.49052E-01	.54183E-03	-.37507E-01	.00000E+00
63	.56500E-01	.33296E-03	-.45868E-01	.00000E+00
64	.67498E-01	.20720E-02	-.68247E-01	.00000E+00
65	.65084E-01	.24458E-02	-.72367E-01	-.27775E-03
66	.66958E-01	.24489E-02	-.72696E-01	-.33691E-03
67	.68977E-01	.24459E-02	-.73054E-01	-.32081E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.15292E-01	-.28309E-03	-.94090E-02	.00000E+00
70	.44078E-01	-.12937E-04	-.30389E-01	.00000E+00
71	.65727E-01	.33394E-04	-.52498E-01	.00000E+00
72	.69340E-01	.18748E-02	-.68297E-01	.00000E+00
73	.54225E-01	.13326E-04	-.34151E-01	.00000E+00
74	.73567E-01	.18356E-02	-.71426E-01	.00000E+00
75	.70692E-01	.24440E-02	-.73369E-01	-.24374E-03
76	.72993E-01	.25030E-02	-.74005E-01	-.17020E-03
77	.62430E-01	-.62527E-03	-.42357E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.18272E-01	.59263E-03	-.12009E-01	.00000E+00
80	.42065E-01	-.61132E-03	-.25943E-01	.00000E+00
81	.46485E-01	-.77432E-03	-.28075E-01	.00000E+00
82	.52150E-01	-.11501E-02	-.34444E-01	.00000E+00
83	.73296E-01	-.40344E-03	-.58225E-01	.00000E+00
84	.68606E-01	-.11255E-02	-.47088E-01	.00000E+00
85	.75508E-01	.25120E-02	-.74775E-01	-.13593E-03
86	.76267E-01	.18357E-02	-.73733E-01	.00000E+00
87	.62750E-01	-.99368E-03	-.39153E-01	.00000E+00
88	.76356E-01	.11983E-02	-.66656E-01	.00000E+00
89	.77383E-01	.25921E-02	-.75558E-01	-.10906E-03
90	.47808E-01	-.42835E-03	-.17709E-01	.00000E+00
91	.51327E-01	-.83461E-03	-.20105E-01	.00000E+00
92	.55038E-01	-.16394E-03	-.21658E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.20559E-01	.00000E+00	-.71263E-02	.00000E+00
95	.37844E-01	.00000E+00	-.12637E-01	.00000E+00
96	.43395E-01	.00000E+00	-.14724E-01	.00000E+00
97	.45252E-01	.00000E+00	-.14113E-01	.00000E+00
98	.44396E-01	.00000E+00	-.13534E-01	.00000E+00
99	.49689E-01	.65905E-04	-.15367E-01	.00000E+00
100	.60549E-01	-.24158E-03	-.27590E-01	.00000E+00
101	.73267E-01	.14260E-03	-.46885E-01	.00000E+00
102	.80153E-01	.26649E-02	-.76654E-01	-.98157E-04
103	.76778E-01	.64330E-04	-.59403E-01	.00000E+00
104	.81357E-01	.22274E-02	-.76408E-01	.00000E+00
105	.82077E-01	.27046E-02	-.77621E-01	-.84590E-04
106	.80314E-01	.97526E-04	-.66023E-01	.00000E+00
107	.84512E-01	.24037E-02	-.77495E-01	.00000E+00
108	.84294E-01	.27379E-02	-.78505E-01	-.80746E-04
109	.85889E-01	.27624E-02	-.79260E-01	-.68441E-04
110	.84814E-01	.23341E-02	-.69927E-01	.00000E+00
	.87955E-01	.30149E-02	-.79572E-01	.00000E+00
	.87624E-01	.27965E-02	-.79880E-01	.11246E-04

	.87262E-01	.16027E-02	-.73765E-01	.00000E+00
	.85582E-01	.27279E-02	-.80367E-01	.2971E-04
115	.84102E-01	.27330E-02	-.80714E-01	.53572E-05
116	.83665E-01	.26169E-02	-.80902E-01	.94173E-05
117	.84590E-01	.32070E-02	-.81477E-01	.00000E+00
118	.86866E-01	.25842E-02	-.80975E-01	.20451E-04
119	.88125E-01	.25335E-02	-.81038E-01	.35295E-04
120	.89303E-01	.26670E-02	-.81607E-01	.00000E+00
121	.87019E-01	.24328E-02	-.81010E-01	.60085E-04
122	.86897E-01	.19337E-02	-.81120E-01	.71825E-04
123	.86714E-01	.14703E-02	-.81203E-01	.81028E-04
124	.86506E-01	.94743E-03	-.81288E-01	.91509E-04
125	.86231E-01	.35486E-03	-.81373E-01	.10379E-03
126	.85696E-01	-.77118E-03	-.81515E-01	.11756E-03
127	.85126E-01	-.19673E-02	-.81650E-01	.11862E-03
128	.84052E-01	-.43740E-02	-.81929E-01	.95163E-04
129	.83331E-01	-.61006E-02	-.82184E-01	.60844E-04
130	.82935E-01	-.71435E-02	-.82461E-01	.21219E-04
131	.83016E-01	-.69892E-02	-.82883E-01	-.20539E-04
132	.83417E-01	-.57313E-02	-.83254E-01	-.31190E-04
133	.83769E-01	-.44468E-02	-.83579E-01	-.25693E-04
134	.83991E-01	-.34511E-02	-.83842E-01	-.20205E-04
135	.84141E-01	-.26135E-02	-.84054E-01	-.18299E-04
136	.84249E-01	-.17290E-02	-.84209E-01	-.18536E-04
137	.84311E-01	-.10009E-02	-.84300E-01	-.18382E-04
138	.84355E-01	-.15156E-03	-.84355E-01	-.19252E-04
139	.84355E-01	-.18734E-04	-.84355E-01	-.18788E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.05E-02	7.44E-02	1.73E-02	2.95E+00	7.07E-03	-2.97E+00	2.99E+00	-2.9CE+00	45.31	1.05E-02	2.95E+00
	-303.00	-8.50E-07	2.05E-06	-5.41E-07	2.68E-04	6.43E-07	-2.70E-04	1.35E-04	-1.33E-04			
2	72.00	3.60E-02	1.05E-01	-2.00E-02	2.47E+00	-1.38E-03	-2.54E+00	2.54E+00	-2.40E+00	45.40	3.60E-02	2.47E+00
	-213.00	7.10E-08	3.19E-06	-2.48E-06	2.25E-04	-1.25E-07	-2.31E-04	1.14E-04	-1.11E-04			
3	72.00	3.96E-01	1.21E-01	-7.18E-02	1.65E+00	-1.50E-01	-1.79E+00	1.91E+00	-1.40E+00	42.61	3.96E-01	1.65E+00
	-138.00	6.67E-06	4.13E-07	-3.97E-06	7.49E-05	-6.81E-06	-8.12E-05	4.11E-05	-3.41E-05			
4	24.00	1.82E+00	9.36E-01	1.17E+00	3.06E+00	-4.86E-01	-3.33E+00	4.47E+00	-1.72E+00	40.89	1.82E+00	3.06E+00
	-68.00	2.69E-05	-7.12E-06	1.77E-06	2.36E-04	-3.74E-05	-2.57E-04	1.29E-04	-1.05E-04			
5	72.00	-5.74E-01	-2.64E-01	-6.53E-01	1.34E+00	6.82E-02	-1.45E+00	9.33E-01	-1.77E+00	48.29	-2.64E-01	-1.34E+00
	-88.00	-5.69E-06	6.22E-06	-8.72E-06	1.03E-04	5.25E-06	-1.12E-04	5.23E-05	-5.18E-05			
6	120.00	-3.05E-01	-3.05E-01	-4.35E-01	2.61E+00	1.40E-01	-2.59E+00	2.30E+00	-2.91E+00	45.00	2.26E+00	-4.70E-01
	-68.00	-2.61E-07	-2.47E-07	-5.23E-06	2.01E-04	1.08E-05	-1.99E-04	1.00E-04	-1.01E-04			
7	36.25	7.27E-01	2.89E-01	1.98E-01	1.44E+00	-1.88E-01	-1.38E+00	1.96E+00	-9.44E-01	40.67	6.77E-01	1.44E+00
	-19.00	1.46E-05	-2.21E-06	-5.72E-06	1.10E-04	-1.45E-05	-1.06E-04	6.21E-05	-4.97E-05			
8	108.00	-7.17E-02	-1.49E-01	-2.38E-01	1.11E+00	1.06E-02	-1.22E+00	1.00E+00	-1.22E+00	44.01	-7.17E-02	1.11E+00
	-19.00	2.28E-06	-6.85E-07	-4.12E-06	8.57E-05	8.17E-07	-9.37E-05	4.37E-05	-4.21E-05			
9	216.00	1.47E-01	1.98E-01	1.04E-01	2.95E+00	-1.95E-02	-3.01E+00	3.12E+00	-2.77E+00	45.25	1.47E-01	2.95E+00
	-303.00	8.45E-07	3.18E-06	-1.11E-06	2.68E-04	-1.77E-06	-2.73E-04	1.36E-04	-1.32E-04			
10	216.00	2.19E-01	2.00E-01	5.56E-02	2.54E+00	-6.70E-02	-2.63E+00	2.75E+00	-2.33E+00	44.89	2.19E-01	2.54E+00
	-213.00	3.80E-06	2.03E-06	-3.65E-06	2.31E-04	-6.09E-06	-2.39E-04	1.19E-04	-1.12E-04			
11	216.00	3.94E-01	1.62E-01	-1.50E-01	1.96E+00	-2.16E-01	-2.07E+00	2.24E+00	-1.68E+00	43.31	3.94E-01	1.96E+00
	-138.00	6.82E-06	1.56E-06	-5.54E-06	8.89E-05	-9.81E-06	-9.41E-05	4.97E-05	-4.03E-05			
12	168.00	8.65E-01	7.19E-01	4.98E-01	2.96E+00	-4.03E-01	-3.03E+00	3.75E+00	-2.17E+00	44.30	8.65E-01	2.96E+00
	-68.00	1.04E-05	4.79E-06	-3.74E-06	2.28E-04	-3.10E-05	-2.33E-04	1.21E-04	-1.06E-04			
13	216.00	-7.98E-01	-2.72E-01	-7.59E-01	1.21E+00	2.02E-02	-1.28E+00	7.07E-01	-1.76E+00	51.11	-2.72E-01	-1.21E+00
	-88.00	-1.06E-05	9.63E-06	-9.09E-06	9.34E-05	1.56E-06	-9.86E-05	4.73E-05	-4.82E-05			
14	264.00	2.27E-02	-2.69E-01	-3.69E-01	2.55E+00	4.57E-02	-2.63E+00	2.43E+00	-2.66E+00	43.36	2.36E+00	-6.04E-01
	-68.00	7.64E-06	-3.58E-06	-7.44E-06	1.96E-04	3.52E-06	-2.03E-04	1.00E-04	-9.63E-05			
15	180.00	3.10E-01	6.03E-02	-8.47E-02	1.26E+00	-2.73E-01	-1.22E+00	1.45E+00	-1.08E+00	42.17	3.10E-01	1.26E+00

	-19.00	8.78E-06	-3.13E-07	-5.40E-06	9.69E-05	-2.10E-05	-9.42E-05	5.27E-05	-4.47E-05				
16	252.00	1.70E-01	-1.01E-01	-2.73E-01	1.06E+00	-1.00E-01	-1.28E+00	1.10E+00	-1.03E+00	41.35	1.70E-01	1.06E+00	
	-19.00	8.79E-06	-1.65E-06	-8.25E-06	8.15E-05	-7.72E-06	-9.97E-05	4.46E-05	-3.75E-05				
17	361.00	1.95E-01	3.05E-01	1.57E-01	2.97E+00	-9.96E-03	-3.09E+00	3.22E+00	-2.72E+00	45.53	1.95E-01	2.97E+00	
	-303.00	3.25E-07	5.33E-06	-1.40E-06	2.70E-04	-5.42E-07	-2.81E-04	1.38E-04	-1.32E-04				
18	361.00	2.70E-01	2.74E-01	8.90E-02	2.66E+00	-4.24E-02	-2.77E+00	2.93E+00	-2.39E+00	45.02	2.70E-01	2.66E+00	
	-213.00	4.05E-06	4.22E-06	-4.17E-06	2.42E-04	-3.86E-06	-2.52E-04	1.25E-04	-1.17E-04				
19	361.00	4.43E-01	2.02E-01	-1.04E-01	2.07E+00	-1.97E-01	-2.33E+00	2.40E+00	-1.76E+00	43.34	4.43E-01	2.07E+00	
	-138.00	7.66E-06	2.17E-06	-6.61E-06	9.43E-05	-8.95E-06	-1.06E-04	5.21E-05	-4.23E-05				
20	312.00	1.52E+00	1.10E+00	8.22E-01	3.33E+00	-6.91E-01	-3.62E+00	4.65E+00	-2.02E+00	43.19	1.52E+00	3.33E+00	
	-68.00	2.07E-05	4.53E-06	-6.29E-06	2.56E-04	-5.32E-05	-2.78E-04	1.41E-04	-1.16E-04				
21	360.67	-1.32E+00	-6.76E-01	-1.16E+00	1.57E+00	1.35E-01	-1.87E+00	6.03E-01	-2.60E+00	50.81	-6.76E-01	-1.57E+00	
	-88.00	-1.61E-05	8.70E-06	-9.94E-06	1.21E-04	1.04E-05	-1.44E-04	5.79E-05	-6.53E-05				
22	400.33	8.04E-01	1.08E+00	4.35E-01	3.19E+00	-1.87E-03	-3.97E+00	4.13E+00	-2.25E+00	46.25	4.09E+00	-5.23E-01	
	-68.00	5.42E-06	1.61E-05	-8.74E-06	2.45E-04	-1.44E-07	-3.05E-04	1.33E-04	-1.12E-04				
23	324.00	6.13E-01	1.27E-01	-9.47E-02	1.29E+00	-4.87E-01	-1.30E+00	1.69E+00	-9.46E-01	39.68	6.13E-01	1.29E+00	
	-19.00	1.65E-05	-2.21E-06	-1.07E-05	9.95E-05	-3.74E-05	-9.97E-05	5.78E-05	-4.35E-05				
24	372.00	3.21E-01	-3.21E-01	-4.45E-01	3.42E+00	-4.65E-01	-3.67E+00	3.43E+00	-3.44E+00	42.32	3.21E-01	3.42E+00	
	-9.33	1.72E-05	-7.47E-06	-1.22E-05	2.63E-04	-3.58E-05	-2.82E-04	1.37E-04	-1.27E-04				
25	401.25	1.97E-01	-1.54E-02	-4.17E-01	1.12E+00	-1.48E-01	-1.51E+00	1.22E+00	-1.04E+00	42.30	-8.69E-01	5.94E-01	
	-19.00	1.02E-05	2.00E-06	-1.35E-05	8.65E-05	-1.14E-05	-1.16E-04	4.95E-05	-3.73E-05				
26	427.67	1.54E+00	1.29E+00	7.24E-01	3.85E+00	-6.36E-01	-5.20E+00	5.26E+00	-2.43E+00	44.06	3.79E+00	3.03E+00	
	-9.33	2.02E-05	1.05E-05	-1.12E-05	2.96E-04	-4.89E-05	-4.00E-04	1.63E-04	-1.33E-04				
27	457.00	2.33E-01	4.61E-01	2.34E-01	3.00E+00	2.16E-02	-3.13E+00	3.35E+00	-2.66E+00	46.09	2.33E-01	3.00E+00	
	-303.00	-1.48E-06	8.91E-06	-1.41E-06	2.73E-04	1.96E-06	-2.84E-04	1.40E-04	-1.33E-04				
28	457.00	2.43E-01	2.92E-01	9.43E-02	2.80E+00	1.84E-02	-2.87E+00	3.07E+00	-2.53E+00	45.25	2.43E-01	2.80E+00	
	-213.00	2.88E-06	5.10E-06	-3.89E-06	2.54E-04	1.67E-06	-2.61E-04	1.31E-04	-1.23E-04				
29	457.00	7.15E-01	3.33E-01	-2.21E-02	2.17E+00	1.54E-01	-2.41E+00	2.70E+00	-1.66E+00	42.49	7.15E-01	2.17E+00	
	-138.00	1.05E-05	2.19E-06	-5.88E-06	9.88E-05	7.02E-06	-1.10E-04	5.61E-05	-4.30E-05				
30	442.00	7.19E-01	1.63E+00	6.45E-01	3.72E+00	1.54E-01	-4.09E+00	4.92E+00	-2.57E+00	48.50	7.19E-01	3.72E+00	
	-68.00	-5.25E-06	2.98E-05	-8.11E-06	2.86E-04	1.19E-05	-3.14E-04	1.56E-04	-1.32E-04				
31	457.33	-4.43E+00	-2.08E+00	-2.81E+00	1.32E+00	2.12E+00	-2.20E+00	-1.49E+00	-5.02E+00	65.78	-2.08E+00	-1.32E+00	
	-88.00	-6.79E-05	2.24E-05	-5.74E-06	1.02E-04	1.63E-04	-1.69E-04	4.53E-05	-9.08E-05				
32	472.67	7.14E+00	5.81E+00	4.98E+00	3.23E+00	-1.24E+00	-5.25E+00	9.77E+00	3.16E+00	39.19	9.07E+00	2.03E+00	
	-68.00	7.76E-05	2.65E-05	-5.55E-06	2.48E-04	-9.54E-05	-4.04E-04	1.79E-04	-7.47E-05				
33	443.00	6.96E-01	5.16E-01	-1.67E-02	1.88E+00	-2.00E-01	-2.01E+00	2.49E+00	-1.28E+00	43.63	6.96E-01	1.88E+00	
	-19.50	1.36E-05	6.71E-06	-1.38E-05	1.45E-04	-1.54E-05	-1.55E-04	8.25E-05	-6.22E-05				
34	454.00	5.67E+00	4.12E+00	3.53E+00	4.83E+00	-1.46E+00	-6.60E+00	9.79E+00	4.24E-03	40.46	7.58E+00	4.09E+00	
	-11.33	7.16E-05	1.22E-05	-1.07E-05	3.71E-04	-1.12E-04	-5.08E-04	2.30E-04	-1.46E-04				
35	461.67	1.29E+00	1.54E+00	7.53E-01	4.58E+00	-3.59E-01	-6.81E+00	6.00E+00	-3.16E+00	45.79	1.29E+00	4.58E+00	
	-12.00	1.02E-05	2.00E-05	-1.05E-05	3.52E-04	-2.76E-05	-5.24E-04	1.91E-04	-1.61E-04				
36	468.00	-3.41E+00	-1.33E+00	-2.31E+00	4.60E-01	1.90E+00	-2.72E+00	-1.23E+00	-3.51E+00	78.08	-1.33E+00	-4.60E-01	
	-30.00	-5.37E-05	2.63E-05	-1.14E-05	3.54E-05	1.46E-04	-2.10E-04	3.01E-05	-5.74E-05				
37	476.33	2.55E+00	3.42E+00	1.98E+00	3.10E+00	-3.88E-01	-5.61E+00	6.12E+00	-1.53E-01	48.98	3.80E+00	3.03E+00	
	-12.00	1.07E-05	4.41E-05	-1.12E-05	2.39E-04	-2.99E-05	-4.32E-04	1.48E-04	-9.31E-05				
38	558.50	-1.69E-01	2.32E-02	-7.91E-02	2.82E+00	9.54E-02	-2.96E+00	2.75E+00	-2.69E+00	45.97	-1.69E-01	2.82E+00	
	-303.00	-4.75E-06	3.97E-06	-6.81E-07	2.56E-04	9.04E-06	-2.69E-04	1.28E-04	-1.29E-04				
39	558.50	9.13E-02	4.25E-01	1.61E-01	2.80E+00	2.00E-01	-2.88E+00	3.06E+00	-2.55E+00	46.70	9.13E-02	2.80E+00	
	-213.00	-4.64E-06	1.05E-05	-1.46E-06	2.55E-04	1.82E-05	-2.62E-04	1.30E-04	-1.25E-04				
40	504.17	-3.49E-03	9.14E-01	2.45E-02	6.24E+00	5.86E-01	-6.12E+00	6.71E+00	-5.80E+00	47.10	-3.49E-03	6.24E+00	
	-138.00	-4.98E-06	1.55E-05	-4.35E-06	2.84E-04	2.66E-05	-2.78E-04	1.48E-04	-1.37E-04				
41	558.50	-1.79E+00	6.19E-01	-3.05E-01	2.71E+00	1.70E+00	-3.88E+00	2.38E+00	-3.55E+00	57.00	6.19E-01	-2.71E+00	
	-148.00	-3.30E-05	2.10E-05	8.29E-07	1.23E-04	7.71E-05	-1.77E-04	6.18E-05	-7.30E-05				
42	610.83	3.83E-01	1.07E+00	4.79E-01	5.44E+00	1.11E+00	-4.78E+00	6.17E+00	-4.72E+00	46.81	6.06E+00	-1.10E+00	
	-128.00	-1.43E-06	1.42E-05	7.58E-07	2.47E-04	5.03E-05	-2.17E-04	1.30E-04	-1.17E-04				
43	501.38	-4.50E-01	-9.54E-02	-4.75E-01	1.41E+00	6.09E-01	-1.76E+00	1.15E+00	-1.70E+00	48.54	-4.50E-01	1.41E+00	
	-78.00	-6.05E-06	7.44E-06	-7.02E-06	1.09E-04	4.69E-05	-1.36E-04	5.54E-05	-5.40E-05				
44	534.67	8.75E-01	7.32E-01	5.56E-01	4.49E+00	3.68E-01	-5.70E+00	5.29E+00	-3.65E+00	44.55	5.21E+00	-8.50E-01	
	-68.00	9.87E-06	4.30E-06	-2.37E-06	3.45E-04	2.63E-05	-4.38E-04	1.80E-04	-1.66E-04				
45	584.67	-8.19E-01	-4.64E-01	-5.02E-01	4.34E+00	1.19E+00	-3.77E+00	3.71E+00	-4.95E+00	46.17	-8.19E-01	4.34E+00	
	-48.00	-1.02E-05	2.75E-06	-2.17E-06	3.34E-04	9.16E-05	-2.50E-04	1.63E-04	-1.71E-04				
46	610.83	-6.33E+00	-1.10E+00	-2.05E+00	2.36E+00	2.11E+00	-3.08E+00	7.42E-02	-5.59E+00	61.84	-1.19E+00	-2.36E+00	
	-88.00	[illegible]4E-05	3.75E-05	4.30E-06	1.81E-04	1.62E-04	-2[illegible]-04	8.61E-05	-1.32E-04				
47	482.[illegible]	[illegible]5E-01	7.70E-02	-5.67E-01	1.01E+00	5.79E-01	[illegible]00	9.58E-01	-1.09E+00	49.01	-2.09E-01	1.0[illegible]	

	-4[illegible]	-3.50E-07	1.06E-05	-1.41E-05	7.80E-05	4.45E-[illegible]	[illegible]5[illegible]E-04	4.45E-05	-3.42E-05					
48	48[illegible]	9.25E-01	1.34E+00	[illegible].43E-01	2.95E+00	7.90E-02	[illegible].26E+00	4.05E+00	-1.82E+00	47.00	1.31E+00	2.[illegible]		
	-12.00	4.25E-06	2.06E-05	-9.[illegible]E-06	2.27E-04	6.08E-06	-4.81E-04	1.26E-04	-1.01E-04					
49	507.88	1.66E-02	-1.71E-01	-4.97E-01	1.11E+00	3.65E-01	-2.24E+00	1.04E+00	-1.19E+00	42.60	1.66E-02	1.11E+00		
	-21.00	7.79E-06	5.56E-07	-1.20E-05	6.55E-05	2.61E-05	-1.72E-04	4.71E-05	-3.87E-05					
50	528.67	8.79E-01	2.43E-01	2.95E-01	3.98E+00	1.53E+00	-4.92E+00	4.56E+00	-3.44E+00	42.72	4.50E+00	-7.01E-01		
	-10.00	1.92E-05	-6.22E-06	-4.22E-06	3.06E-04	1.16E-04	-3.79E-04	1.60E-04	-1.48E-04					
51	484.67	-1.34E+01	-9.30E+00	-9.74E+00	-2.58E-01	1.09E+00	-6.49E-01	-9.29E+00	-1.34E+01	-66.44	-9.30E+00	2.56E-01		
	8.00	-1.60E-04	-9.02E-07	-1.77E-05	-1.98E-05	8.36E-05	-5.00E-05	-3.75E-07	-1.60E-04					
52	507.00	3.55E+00	4.19E+00	2.62E+00	2.34E+00	7.10E-01	2.04E+00	6.23E+00	1.51E+00	48.94	5.74E+00	1.43E+00		
	9.00	2.26E-05	4.75E-05	-1.31E-05	1.80E-04	5.46E-05	1.57E-04	1.26E-04	-5.57E-05					
53	603.00	1.62E-01	-3.30E-02	1.59E-01	1.70E+00	8.05E-01	-1.57E+00	1.77E+00	-1.64E+00	43.36	-9.19E-01	1.39E+00		
	-18.00	3.05E-06	-4.43E-06	2.55E-06	1.31E-04	6.20E-05	-1.20E-04	6.48E-05	-6.61E-05					
54	712.00	-2.14E-01	2.44E-01	4.48E-02	2.66E+00	2.31E-01	-2.40E+00	2.68E+00	-2.65E+00	47.46	-2.14E-01	2.66E+00		
	-303.00	-1.07E-05	1.01E-05	1.06E-06	2.42E-04	2.10E-05	-2.18E-04	1.21E-04	-1.22E-04					
55	712.00	-1.46E+00	-7.98E-01	-7.49E-01	2.92E+00	7.47E-01	-2.35E+00	1.81E+00	-4.06E+00	48.24	-1.46E+00	2.92E+00		
	-213.00	-2.73E-05	2.60E-06	4.99E-06	2.65E-04	6.79E-05	-2.14E-04	1.21E-04	-1.46E-04					
56	712.00	-1.87E+00	-9.40E-01	-3.34E-01	2.22E+00	1.78E+00	-1.77E+00	8.66E-01	-3.68E+00	50.91	-1.87E+00	2.22E+00		
	-138.00	-2.60E-05	-4.87E-06	8.91E-06	1.01E-04	8.11E-05	-8.02E-05	3.62E-05	-6.71E-05					
57	712.00	-4.45E-01	4.95E-02	2.09E-01	1.40E+00	7.43E-01	-1.47E+00	1.22E+00	-1.62E+00	50.02	-4.45E-01	1.40E+00		
	-78.00	-1.51E-05	3.95E-06	1.01E-05	1.07E-04	5.72E-05	-1.13E-04	4.90E-05	-6.01E-05					
58	712.00	-6.16E-01	-4.72E-01	-2.50E-02	1.87E+00	6.79E-01	-1.69E+00	1.33E+00	-2.42E+00	46.09	-6.16E-01	1.87E+00		
	-18.00	-1.14E-05	-5.94E-06	1.13E-05	1.44E-04	5.23E-05	-1.30E-04	6.35E-05	-8.09E-05					
59	837.00	-7.54E+00	-4.18E+00	-4.69E+00	2.23E+00	1.19E+00	-1.98E+00	-3.07E+00	-8.65E+00	63.53	-4.18E+00	-2.23E+00		
	-318.00	-1.30E-04	2.31E-05	.00E+00	2.02E-04	1.08E-04	-1.80E-04	7.35E-05	-1.80E-04					
60	887.00	-1.10E+00	-1.19E-01	-4.86E-01	5.94E+00	5.00E-01	-4.28E+00	5.35E+00	-6.57E+00	47.35	4.87E+00	-2.36E+00		
	-288.00	-2.77E-05	1.67E-05	.00E+00	5.40E-04	4.55E-05	-3.89E-04	2.65E-04	-2.77E-04					
61	987.00	1.32E+00	8.86E-01	8.82E-01	6.04E+00	-1.91E-01	-3.77E+00	7.14E+00	-4.94E+00	43.97	1.32E+00	6.04E+00		
	-288.00	1.99E-05	1.83E-07	.00E+00	5.49E-04	-1.73E-05	-3.43E-04	2.85E-04	-2.65E-04					
62	1037.00	-7.46E+00	-4.49E+00	-4.78E+00	4.42E+00	8.81E-01	-2.94E+00	-1.31E+00	-1.06E+01	54.28	-4.49E+00	-4.42E+00		
	-318.00	-1.22E-04	1.32E-05	.00E+00	4.02E-04	8.01E-05	-2.67E-04	1.58E-04	-2.66E-04					
63	862.00	-1.45E-01	-9.40E-02	2.04E-01	2.99E+00	1.66E-01	-2.19E+00	2.87E+00	-3.11E+00	45.24	-1.45E-01	2.99E+00		
	-213.00	-6.13E-06	-3.82E-06	9.72E-06	2.72E-04	1.51E-05	-2.00E-04	1.31E-04	-1.41E-04					
64	1012.00	4.42E-01	2.57E-01	5.99E-01	3.22E+00	-4.64E-02	-2.13E+00	3.57E+00	-2.86E+00	44.18	4.42E-01	3.22E+00		
	-213.00	3.22E-06	-5.16E-06	1.04E-05	2.93E-04	-4.21E-06	-1.94E-04	1.46E-04	-1.48E-04					
65	837.00	5.72E-02	-2.68E-01	8.72E-01	2.26E+00	8.69E-01	-2.38E+00	2.16E+00	-2.38E+00	42.95	-2.68E-01	-2.26E+00		
	-148.00	-2.17E-06	-9.54E-06	1.64E-05	1.03E-04	3.95E-05	-1.08E-04	4.57E-05	-5.75E-05					
66	937.00	-3.48E-01	-1.98E-01	6.72E-01	3.96E+00	3.70E-01	-2.64E+00	3.69E+00	-4.24E+00	45.54	2.51E+00	-2.82E+00		
	-128.00	-8.56E-06	-5.17E-06	1.46E-05	1.80E-04	1.68E-05	-1.20E-04	8.32E-05	-9.70E-05					
67	1037.00	-3.67E+00	-9.95E-01	-5.11E-01	3.83E+00	1.27E+00	-3.18E+00	1.72E+00	-6.39E+00	54.64	-9.95E-01	-3.83E+00		
	-148.00	-5.63E-05	4.54E-06	1.55E-05	1.74E-04	5.79E-05	-1.45E-04	6.63E-05	-1.16E-04					
68	937.00	-1.29E+00	-1.30E+00	-5.33E-01	4.32E+00	8.36E-01	-2.90E+00	3.03E+00	-5.61E+00	44.95	-1.29E+00	4.32E+00		
	-68.00	-1.52E-05	-1.55E-05	1.38E-05	3.32E-04	6.43E-05	-2.23E-04	1.51E-04	-1.82E-04					
69	937.00	-1.30E+00	3.26E-01	3.24E-01	2.37E+00	8.25E-01	-1.96E+00	2.02E+00	-2.95E+00	54.49	3.26E-01	-2.37E+00		
	-88.00	-4.29E-05	1.97E-05	1.96E-05	1.82E-04	6.35E-05	-1.51E-04	8.47E-05	-1.08E-04					
70	1037.00	-1.42E-01	2.24E-01	6.79E-01	4.03E+00	-2.56E-01	-4.07E+00	4.08E+00	-3.95E+00	46.30	2.95E+00	-2.79E+00		
	-68.00	-1.33E-05	2.69E-07	1.78E-05	3.10E-04	-1.97E-05	-3.13E-04	1.48E-04	-1.62E-04					
71	862.00	-8.30E-01	-6.10E-01	7.60E-02	1.85E+00	7.06E-01	-1.61E+00	1.10E+00	-2.60E+00	47.17	-8.90E-01	1.85E+00		
	-18.00	-1.86E-05	-7.81E-06	1.86E-05	1.42E-04	5.43E-05	-1.24E-04	5.80E-05	-8.44E-05					
72	1012.00	3.85E-01	4.35E-01	1.06E+00	1.97E+00	-1.35E-01	-1.39E+00	2.38E+00	-1.56E+00	45.36	3.85E-01	1.97E+00		
	-18.00	-5.85E-06	-3.53E-06	2.01E-05	1.52E-04	-1.04E-05	-1.07E-04	7.09E-05	-8.07E-05					
73	1387.00	4.27E-01	4.57E-01	4.63E-01	2.37E+00	5.71E-03	-1.17E+00	2.81E+00	-1.93E+00	45.18	4.27E-01	2.37E+00		
	-303.00	1.01E-06	3.20E-06	3.55E-06	2.15E-04	5.19E-07	-1.06E-04	1.10E-04	-1.05E-04					
74	1387.00	8.33E-02	-2.84E-02	3.61E-01	2.51E+00	4.57E-02	-1.19E+00	2.54E+00	-2.48E+00	44.36	8.33E-02	2.51E+00		
	-213.00	-1.61E-06	-6.69E-06	1.10E-05	2.28E-04	4.16E-06	-1.08E-04	1.10E-04	-1.18E-04					
75	1387.00	1.13E-02	2.20E-01	9.81E-01	1.85E+00	1.38E-01	-7.68E-01	1.97E+00	-1.74E+00	46.61	1.13E-02	1.85E+00		
	-138.00	-6.10E-06	-1.36E-06	1.59E-05	8.42E-05	6.28E-06	-3.49E-05	3.84E-05	-4.59E-05					
76	1187.00	-6.91E-01	-4.99E-01	8.84E-02	2.77E+00	5.24E-01	-5.09E-01	2.18E+00	-3.37E+00	45.99	-6.91E-01	2.77E+00		
	-68.00	-1.45E-05	-7.09E-06	1.55E-05	2.13E-04	4.03E-05	-3.89E-05	9.60E-05	-1.18E-04					
77	1387.00	-8.53E-01	-6.81E-01	1.34E-01	1.48E+00	3.75E-01	-9.70E-01	7.11E-01	-2.26E+00	46.76	-6.81E-01	-1.48E+00		
	-88.00	-1.77E-05	-1.07E-05	2.07E-05	1.14E-04	2.88E-05	-7.46E-05	4.28E-05	-7.12E-05					
78	1587.00	-9.69E-02	-6.09E-02	5.94E-01	1.79E+00	-7.89E-02	-3.82E-01	1.71E+00	-1.86E+00	45.29	6.24E-01	-1.64E+00		
	-68.00	-8.52E-06	-7.14E-06	1.81E-05	1.37E-04	-6.07E-06	-2.94E-05	6.08E-05	-7.65E-05					
79	1237.00	-1.07E+00	-4.44E-01	1.48E-01	1.55E+00	5.06E-01	-7.61E-01	8.22E-01	-2.34E+00	50.76	-1.07E+00	1.55E+00		

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	-18.00	-2.63E-05	-2.00E-06	2.07E-05	1.13E-04	3.89E-05	-5.05E-05	4.67E-05	-7.49E-05				
80	1433.80	-6.50E-01	-2.99E-01	3.84E-01	1.80E+00	1.66E-01	-5.27E-01	1.33E+00	-2.28E+00	47.78	-6.50E-01	1.80E+00	
	-8.00	-1.86E-05	-5.20E-06	2.10E-05	1.38E-04	1.28E-05	-4.05E-05	5.75E-05	-8.16E-05				
81	1533.80	-1.06E+00	-2.65E-01	2.09E-01	1.09E+00	1.02E-01	-3.49E-01	5.00E-01	-1.82E+00	55.00	-2.65E-01	-1.09E+00	
	-28.00	-2.85E-05	2.07E-06	2.03E-05	8.40E-05	7.86E-06	-2.69E-05	3.15E-05	-5.79E-05				
82	1633.80	-1.05E+00	-3.22E-01	1.45E-01	3.68E-01	-9.84E-02	-2.11E-02	-1.68E-01	-1.20E+00	67.32	-1.69E-01	-3.75E-02	
	-8.00	-2.69E-05	1.10E-06	1.91E-05	2.83E-05	-7.57E-06	-1.62E-06	7.02E-06	-3.28E-05				
83	1433.80	-4.51E+00	-1.08E+00	-1.75E+00	1.22E+00	1.16E+00	-4.22E-01	-1.49E+00	-5.06E+00	68.61	-1.96E+00	-1.22E+00	
	27.60	-8.28E-05	1.43E-05	2.32E-05	9.38E-05	8.91E-05	-3.32E-05	3.33E-05	-1.02E-04				
84	1296.10	-1.53E+00	-2.26E-01	1.29E-01	1.29E+00	5.68E-01	-6.32E-01	5.58E-01	-2.36E+00	58.78	-1.02E+00	-1.56E+00	
	40.70	-4.23E-05	9.70E-06	2.34E-05	9.96E-05	4.37E-05	-4.86E-05	3.99E-05	-7.25E-05				
85	1148.60	-6.73E-01	3.19E-01	6.06E-01	1.65E+00	6.13E-01	-1.45E-01	1.55E+00	-1.90E+00	53.36	1.28E+00	9.23E-01	
	57.33	-2.87E-05	9.51E-06	2.05E-05	1.27E-04	4.72E-05	-1.11E-05	5.67E-05	-7.59E-05				
86	1131.40	-5.72E+00	-2.73E+00	-2.32E+00	6.67E-01	2.25E+00	3.03E-02	-2.59E+00	-5.86E+00	77.96	-2.73E+00	-6.67E-01	
	112.00	-1.01E-04	1.32E-05	2.91E-05	5.13E-05	1.73E-04	2.33E-06	1.87E-05	-1.07E-04				
87	1019.80	-1.69E+00	-7.92E-01	-1.51E-01	1.85E+00	9.42E-01	-2.69E+00	6.58E-01	-3.14E+00	51.84	-7.92E-01	-1.85E+00	
	34.67	-3.61E-05	-1.52E-06	2.31E-05	1.42E-04	7.25E-05	-2.07E-04	5.42E-05	-9.19E-05				
88	886.60	-7.40E-01	-3.38E-01	2.88E-01	1.47E+00	4.56E-01	-1.51E+00	9.47E-01	-2.03E+00	48.89	-7.40E-01	1.47E+00	
	46.00	-1.98E-05	-4.32E-06	1.98E-05	1.13E-04	3.51E-05	-1.16E-04	4.51E-05	-6.92E-05				
89	869.80	-3.52E+00	-1.49E+00	-1.09E+00	8.05E-01	1.49E+00	-3.02E-01	-1.21E+00	-3.80E+00	70.78	-1.49E+00	-8.05E-01	
	96.00	-6.83E-05	9.76E-06	2.50E-05	6.19E-05	1.14E-04	-2.33E-05	2.06E-05	-7.91E-05				
90	952.60	-5.51E-01	1.71E+00	1.29E+00	2.19E+00	6.70E-01	-1.60E+00	3.05E+00	-1.89E+00	58.63	2.45E+00	-1.62E+00	
	128.00	-4.81E-05	3.88E-05	2.28E-05	1.69E-04	5.16E-05	-1.23E-04	9.03E-05	-9.96E-05				
91	869.80	-1.02E+00	-2.04E-01	2.38E-01	9.66E-01	7.42E-01	-1.97E-01	4.37E-01	-1.66E+00	56.43	-1.02E+00	9.66E-01	
	160.00	-2.84E-05	2.94E-06	2.00E-05	7.43E-05	5.71E-05	-1.51E-05	2.76E-05	-5.30E-05				
92	869.80	-5.06E+00	-1.67E+00	-1.59E+00	5.96E-01	2.81E+00	-6.15E-01	-1.57E+00	-5.17E+00	80.31	-1.67E+00	-5.96E-01	
	203.60	-1.03E-04	2.71E-05	3.03E-05	4.59E-05	2.17E-04	-4.73E-05	3.10E-05	-1.07E-04				
93	598.67	3.08E-01	-1.21E-01	3.39E-01	2.90E+00	2.02E+00	-3.38E+00	3.00E+00	-2.82E+00	42.89	-1.21E-01	-2.90E+00	
	16.00	6.07E-06	-1.04E-05	7.25E-06	2.23E-04	1.55E-04	-2.60E-04	1.10E-04	-1.14E-04				
94	645.75	-4.28E-01	-3.53E-01	-1.99E-02	1.87E+00	7.90E-01	-1.56E+00	1.48E+00	-2.26E+00	45.57	-4.28E-01	1.87E+00	
	24.00	-7.65E-06	-4.78E-06	8.04E-06	1.44E-04	6.08E-05	-1.20E-04	6.57E-05	-7.81E-05				
95	613.10	-6.38E-01	-1.11E+00	-5.71E-01	3.26E+00	8.67E-01	2.45E-02	2.37E+00	-4.12E+00	42.94	-6.38E-01	3.24E+00	
	69.33	8.84E-07	-1.71E-05	3.49E-06	2.49E-04	6.67E-05	1.88E-06	1.17E-04	-1.33E-04				
96	708.45	-8.54E-01	-2.57E-01	7.11E-02	1.51E+00	8.21E-01	-1.16E+00	9.80E-01	-2.09E+00	50.60	-1.18E+00	-1.50E+00	
	55.00	-2.14E-05	1.53E-06	1.42E-05	1.16E-04	6.31E-05	-8.89E-05	4.91E-05	-6.90E-05				
97	613.10	-2.46E+00	-9.96E-01	-8.07E-01	1.06E+00	2.88E+00	-7.50E-01	-4.44E-01	-3.01E+00	62.40	-9.96E-01	-1.06E+00	
	96.00	-4.78E-05	8.58E-06	1.58E-05	8.12E-05	2.21E-04	-5.77E-05	2.98E-05	-6.91E-05				
98	682.27	-9.70E-01	-3.91E-01	-2.69E-02	2.08E+00	8.81E-01	-1.10E+00	1.42E+00	-2.78E+00	48.96	1.12E+00	-1.09E+00	
	112.00	-2.21E-05	2.21E-07	1.42E-05	1.60E-04	6.77E-05	-8.49E-05	6.99E-05	-9.17E-05				
99	751.43	-3.24E+00	4.72E-01	-3.76E-01	2.27E+00	1.94E+00	-2.91E+00	1.55E+00	-4.31E+00	64.63	4.72E-01	-2.27E+00	
	96.00	-9.00E-05	5.27E-05	2.01E-05	1.75E-04	1.49E-04	-2.24E-04	9.41E-05	-1.31E-04				
100	683.25	-7.44E-01	-1.57E-01	2.21E-01	7.64E-01	6.85E-01	-1.07E+00	3.68E-01	-1.27E+00	55.52	-7.44E-01	7.64E-01	
	152.00	-2.11E-05	1.45E-06	1.60E-05	5.88E-05	5.27E-05	-8.21E-05	2.16E-05	-4.13E-05				
101	648.67	-4.22E+00	-1.88E+00	-1.64E+00	4.61E-01	2.00E+00	-5.64E-01	-1.79E+00	-4.31E+00	79.26	-1.88E+00	-4.61E-01	
	192.00	-7.73E-05	1.27E-05	2.20E-05	3.54E-05	1.54E-04	-4.34E-05	1.61E-05	-9.06E-05				
102	725.25	-6.30E-01	4.00E-01	5.48E-01	8.06E-01	5.41E-01	-8.29E-01	8.41E-01	-1.07E+00	61.29	-1.04E-01	-9.56E-01	
	232.70	-2.77E-05	1.19E-05	1.76E-05	6.20E-05	4.16E-05	-6.38E-05	2.88E-05	-4.47E-05				
103	635.50	-7.13E-01	-9.49E-01	-1.85E-01	-1.87E-02	4.25E-01	4.78E-01	-7.11E-01	-9.50E-01	-4.51	-7.13E-01	-1.87E-02	
	256.00	-7.13E-06	-1.62E-05	1.32E-05	-1.44E-06	3.27E-05	3.68E-05	-7.07E-06	-1.63E-05				
104	635.50	-1.44E+00	-1.02E+00	-2.17E-01	-7.68E-02	1.52E+00	-6.81E-02	-1.01E+00	-1.47E+00	-80.29	-1.02E+00	7.68E-02	
	290.67	-2.64E-05	-9.63E-06	2.12E-05	-5.91E-06	1.17E-04	-5.24E-06	-9.12E-06	-2.69E-05				
105	569.00	6.12E-01	-7.31E-02	2.20E-01	3.03E+00	1.03E+00	-2.85E+00	3.31E+00	-2.78E+00	41.77	6.12E-01	3.03E+00	
	16.50	1.52E-05	-1.11E-05	1.13E-07	2.33E-04	7.94E-05	-2.19E-04	1.19E-04	-1.15E-04				
106	508.50	6.73E+00	4.49E+00	4.40E+00	2.28E+00	2.52E+00	-8.14E-01	8.15E+00	3.07E+00	31.91	4.49E+00	-2.28E+00	
	13.00	8.72E-05	9.70E-07	-2.31E-06	1.75E-04	1.94E-04	-6.26E-05	1.42E-04	-5.36E-05				
107	521.00	1.70E+00	7.64E-01	7.23E-01	3.02E+00	8.58E-01	-1.54E+00	4.34E+00	-1.79E+00	40.19	1.79E+00	3.02E+00	
	15.75	3.28E-05	-6.60E-06	-8.20E-04	2.32E-04	6.60E-05	-1.19E-04	1.31E-04	-1.05E-04				
108	526.25	1.55E+00	6.43E-01	6.55E-01	3.32E+00	7.30E-01	-1.61E+00	4.45E+00	-2.26E+00	41.13	1.55E+00	3.32E+00	
	21.00	2.82E-05	-6.53E-06	-6.05E-06	2.56E-04	5.62E-05	-1.23E-04	1.40E-04	-1.18E-04				
109	515.50	4.25E+00	2.94E+00	2.91E+00	4.14E+00	1.81E+00	-6.24E-01	7.75E+00	-6.55E-01	40.20	2.84E+00	-4.14E+00	
	26.00	5.34E-05	-4.92E-07	2.02E-06	3.19E-04	1.39E-04	-6.34E-05	1.86E-04	-1.35E-04				
110	531.50	6.44E-01	3.49E-01	3.36E-01	2.71E+00	5.17E-01	-1.30E+00	3.21E+00	-2.22E+00	43.44	6.44E-01	2.71E+00	
	34.5[illegible]	[illegible].02E-05	-1.18E-06	-1.69E-06	2.08E-04	3.98E-05	[illegible]E-04	1.09E-04	-9.99E-05				
111	51[illegible]	[illegible].93E+00	-3.15E+00	-2.22E+00	8.01E+00	4.17E-01	[illegible]E-01	5.49E+00	-1.06E+01	42.83	-1.93E+00	8.[illegible]	

	44.0[illegible]	[illegible].90E-06	-4.09E-05	-5.19E-06	6.16E-04	3.21E-05	[illegible]-05	2.91E-04	-3.26E-04				
112	515.5[illegible]	[illegible].70E-01	-2.17E-01	-1.24E-01	1.94E+00	1.10E+00	[illegible]-01	1.50E+00	-2.15E+00	46.57	-2.17E-01	-1.84E[illegible]	
	83.33	-9.13E-06	5.60E-07	4.15E-06	1.42E-04	8.45E-05	-5.17E-05	6.68E-05	-7.54E-05				
113	547.50	-1.01E+00	4.47E-01	-8.25E-02	2.88E+00	6.29E-01	-3.28E+00	2.69E+00	-3.25E+00	52.09	1.34E+00	-2.49E+00	
	64.00	-3.17E-05	2.43E-05	3.91E-06	2.22E-04	4.84E-05	-2.52E-04	1.11E-04	-1.18E-04				
114	515.50	-2.34E+00	-2.79E+00	-2.00E+00	3.35E+00	2.26E-01	-4.89E-01	7.91E-01	-5.92E+00	43.06	-2.34E+00	3.35E+00	
	74.67	-1.14E-05	-2.91E-05	1.60E-06	2.58E-04	1.74E-05	-3.76E-05	1.09E-04	-1.50E-04				
115	515.50	-4.56E+00	-2.82E+00	-2.77E+00	1.20E+00	8.24E-01	-6.41E-01	-2.21E+00	-5.17E+00	62.90	-2.82E+00	-1.20E+00	
	88.00	-6.37E-05	3.03E-06	4.92E-06	9.26E-05	6.35E-05	-4.93E-05	2.67E-05	-8.74E-05				
116	547.50	-2.76E+00	-3.11E-01	-1.06E+00	3.65E+00	5.33E-01	-2.28E+00	2.32E+00	-5.39E+00	54.26	1.26E+00	-2.65E+00	
	104.00	-6.07E-05	3.34E-05	4.53E-06	2.41E-04	4.10E-05	-1.76E-04	1.24E-04	-1.62E-04				
117	515.50	-8.56E-01	-9.73E-01	-4.84E-01	2.68E+00	7.60E-02	-9.81E-01	1.77E+00	-3.60E+00	44.38	-8.56E-01	2.68E+00	
	120.00	-7.50E-06	-1.20E-05	6.79E-06	2.06E-04	5.64E-06	-7.55E-05	9.34E-05	-1.13E-04				
118	515.50	-2.99E+00	-1.76E+00	-1.55E+00	1.03E+00	4.88E-01	-5.37E-01	-1.18E+00	-3.57E+00	60.32	-1.76E+00	-1.03E+00	
	136.00	-4.54E-05	1.39E-06	9.60E-06	7.93E-05	3.75E-05	-4.13E-05	2.40E-05	-6.82E-05				
119	547.50	-2.40E+00	-8.56E-01	-9.74E-01	2.41E+00	3.08E-01	-1.21E+00	9.06E-01	-4.16E+00	53.88	1.89E-01	-1.77E+00	
	152.00	-4.59E-05	1.36E-05	9.04E-06	1.86E-04	2.37E-05	-9.32E-05	8.14E-05	-1.14E-04				
120	515.50	-1.15E+00	-1.09E+00	-4.88E-01	1.80E+00	9.29E-02	-3.40E-01	6.76E-01	-2.92E+00	45.51	-1.15E+00	1.80E+00	
	168.00	-1.43E-05	-1.19E-05	1.12E-05	1.38E-04	7.15E-06	-2.62E-05	5.60E-05	-8.22E-05				
121	515.50	-4.01E+00	-2.39E+00	-2.06E+00	7.91E-01	6.24E-01	-3.97E-01	-2.07E+00	-4.33E+00	67.80	-2.39E+00	-7.91E-01	
	184.00	-6.11E-05	1.00E-06	1.36E-05	6.08E-05	4.80E-05	-3.05E-05	1.34E-05	-7.35E-05				
122	547.50	-1.39E+00	7.46E-01	2.10E-01	2.63E+00	3.18E-01	-1.83E+00	2.52E+00	-3.16E+00	56.04	1.86E+00	-1.82E+00	
	200.00	-4.86E-05	3.34E-05	1.28E-05	2.02E-04	2.44E-05	-1.41E-04	1.02E-04	-1.17E-04				
123	515.50	5.12E-01	8.02E-01	1.07E+00	1.26E+00	-8.76E-02	-4.31E-01	1.92E+00	-6.08E-01	48.29	5.12E-01	1.26E+00	
	216.00	-6.54E-06	4.62E-06	1.50E-05	9.66E-05	-6.74E-06	-3.32E-05	4.77E-05	-4.96E-05				
124	515.50	-9.90E-01	-4.23E-01	2.71E-02	2.88E-01	1.59E-01	-2.64E-01	-3.02E-01	-1.11E+00	67.27	-4.23E-01	-2.88E-01	
	232.00	-2.28E-05	-1.03E-06	1.63E-05	2.22E-05	1.22E-05	-2.03E-05	3.61E-06	-2.75E-05				
125	547.50	-2.68E-01	1.52E-01	5.11E-01	5.91E-01	3.29E-02	-1.41E+00	5.69E-01	-6.86E-01	54.79	4.05E-01	-4.22E-01	
	248.00	-1.47E-05	1.51E-06	1.53E-05	4.55E-05	2.53E-06	-1.09E-04	1.75E-05	-3.07E-05				
126	515.50	1.17E+00	1.62E+00	1.69E+00	-1.82E-01	-2.84E-01	-6.86E-01	1.68E+00	1.11E+00	-70.42	1.17E+00	-1.82E-01	
	264.00	-4.23E-06	1.30E-05	1.59E-05	-1.40E-05	-2.19E-05	-5.27E-05	1.55E-05	-6.72E-06				
127	515.50	-2.38E-01	-5.90E-03	3.95E-01	5.29E-02	-4.00E-01	-1.60E-01	5.56E-03	-2.50E-01	77.76	-5.90E-03	-5.29E-02	
	276.00	-1.08E-05	-1.89E-06	1.35E-05	4.07E-06	-3.08E-05	-1.23E-05	-1.45E-06	-1.13E-05				
128	531.50	7.54E-01	4.43E-01	9.84E-01	3.87E-02	-2.51E-01	-1.01E-01	7.59E-01	4.38E-01	6.99	7.54E-01	3.87E-02	
	297.00	5.04E-06	-6.92E-06	1.39E-05	2.98E-06	-1.93E-05	-7.80E-06	5.23E-06	-7.11E-06				
129	515.50	2.43E+00	1.73E+00	2.16E+00	-5.27E-01	-2.60E-01	-3.43E-01	2.71E+00	1.45E+00	-28.39	2.43E+00	-5.27E-01	
	320.00	2.38E-05	-2.79E-06	1.37E-05	-4.06E-05	-2.00E-05	-2.64E-05	3.48E-05	-1.38E-05				
183	565.50	1.83E-01	-3.07E-01	-1.96E-01	4.56E+00	1.35E+00	-3.49E+00	4.51E+00	-4.63E+00	43.46	1.83E-01	4.56E+00	
	-8.00	1.06E-05	-8.31E-06	-4.02E-06	3.51E-04	1.04E-04	-2.68E-04	1.77E-04	-1.75E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.5703E+02	-.3552E+03	-.1962E+02	.4291E+02	.8821E+02	-.6252E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.6309E+01	.2655E+01	.1052E+01	.4326E+02	-.2427E+02	-.3522E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5200E+01	-.8350E+00	.4361E+00	.7173E+02	-.5330E+02	-.6508E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.7396E+01	.1706E+01	.3476E-01	.1010E+03	-.8444E+02	-.9544E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.8275E+01	-.1218E+01	.7437E-01	.1302E+03	-.1152E+03	-.1288E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.6264E+00	-.7907E+00	.4589E+00	.1739E+03	-.1471E+03	-.1698E+03
25	.1900E+02	.3080E+01	.7012E-01	.2158E+03	-.1622E+03	-.2103E+03
26	-.5038E+01	-.2457E+00	-.7744E-01	.2342E+03	-.1719E+03	-.2399E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1034E+03	-.1973E+02	.3330E+01	.2408E+03	-.2404E+03	-.2641E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1665E+04	.2928E+03	-.1402E+02	.3398E+03	-.6538E+03	-.4208E+03
40	.1199E+04	.1918E+03	.1601E+00	.3210E+03	-.6448E+03	-.3850E+03
41	.8276E+03	.1142E+03	.1364E+02	.2785E+03	-.5842E+03	-.3330E+03
42	.2049E+03	.1703E+02	.1417E+02	.2424E+03	-.4136E+03	-.2899E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2168E+04	-.2888E+03	-.1182E+02	.5860E+02	-.6947E+03	.2332E+03
48	-.1889E+04	-.2496E+03	-.1336E+02	.1056E+03	-.6437E+03	.1655E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3005E+04	-.4566E+03	-.1443E+02	-.7632E+02	-.4796E+03	.6654E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.8800E+01	.1105E+02	-.6807E+00	.3398E+02	-.6825E+03	.2207E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2057E+04	-.3117E+03	-.1427E+02	-.3259E+02	-.3836E+03	.6226E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1439E+04	-.2188E+03	-.1904E+02	-.3375E+02	-.3552E+03	.6044E+03
66	-.4775E+03	-.7395E+02	-.2387E+02	-.4218E+02	-.2822E+03	.6300E+03
67	.9979E+03	.1479E+03	-.2387E+02	-.4050E+02	-.2056E+03	.6282E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1774E+04	.2648E+03	-.1989E+02	.4196E+02	-.1348E+03	.6405E+03
76	-.1945E+03	-.2972E+02	-.1357E+02	.5482E+02	-.4633E+02	.6521E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
85	.7460E+03	.1123E+03	-.9913E+01	.3367E+02	.5832E+02	.6282E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3161E+03	-.4643E+02	-.7004E+01	.1262E+03	.1205E+03	.6160E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4365E+03	.6736E+02	-.6258E+01	.9439E+02	.2088E+03	.5671E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2898E+03	-.4106E+02	-.5220E+01	.7994E+02	.2600E+03	.5164E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3320E+03	.5292E+02	-.5284E+01	.3259E+02	.3345E+03	.4657E+03
109	-.1994E+03	-.2618E+02	-.4512E+01	.8445E+02	.3815E+03	.4019E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2778E+03	.4589E+02	-.4329E+01	.4625E+02	.4378E+03	.3373E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1356E+03	.2477E+02	-.6354E+00	.2226E+02	.4604E+03	.2691E+03
115	.5599E+02	.1302E+02	.6701E+00	-.1324E+00	.4626E+03	.1983E+03
116	.1372E+03	.2574E+02	.2223E+01	-.1272E+02	.4796E+03	.1567E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1455E+03	.2723E+02	.3687E+01	.5550E+01	.4900E+03	.1328E+03
119	.1100E+03	.2146E+02	.5337E+01	-.3661E+02	.4441E+03	.8305E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2612E+03	.3283E+02	.1573E+02	-.2867E+02	.3769E+03	.4850E+02
122	.2195E+03	.1402E+02	.2514E+02	.1275E+02	.3626E+03	.4286E+02
123	.1655E+03	.8873E+01	.2218E+02	.8837E+01	.3160E+03	.3838E+02
124	.1197E+03	.6223E+01	.1530E+02	.6143E+01	.2597E+03	.3476E+02
125	.7736E+02	.2659E+01	.1122E+02	.3912E+01	.2141E+03	.3132E+02
126	.2168E+02	-.5931E+01	.1043E+02	.1057E+01	.1791E+03	.2764E+02
127	-.1901E+02	-.1268E+02	.1060E+02	-.8684E+00	.1520E+03	.2301E+02
128	-.6006E+02	-.1808E+02	.9982E+01	-.5421E+01	.9702E+02	.1781E+02
129	-.5996E+02	-.1552E+02	.8219E+01	-.7453E+01	.5327E+02	.1335E+02
130	-.4119E+02	-.9412E+01	.5834E+01	-.7775E+01	.2168E+02	.1039E+02
131	-.1064E+02	-.1664E+01	.3764E+01	-.6686E+01	.5481E+01	.8710E+01
132	.1249E+01	.7806E+00	.2744E+01	-.4376E+01	.7204E+01	.7641E+01
133	.2138E+01	.6483E+00	.2544E+01	-.2993E+01	.9425E+01	.6505E+01
134	.5828E+00	.1800E+00	.2561E+01	-.2282E+01	.9210E+01	.5138E+01
135	-.9508E-02	.4153E-02	.2883E+01	-.1743E+01	.5794E+01	.3783E+01
136	-.1336E-01	.1274E-01	.3837E+01	-.1218E+01	.3732E+01	.2519E+01
137	-.8567E-01	-.2918E-01	.4075E+01	-.8271E+00	.1675E+01	.1375E+01
138	.4590E-01	.1445E+00	.1057E+03	-.5206E+00	-.4343E+00	.6809E+00
139	.1045E+00	.1694E+00	-.4694E+02	-.9600E-01	.2322E+00	-.2289E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7300E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.35470E-01	-.19151E-03	.35516E-01	.00000E+00

3	-.64744E-01	-.66394E-03	.64784E-01	.00000E+00
4	-.70200E-01	-.66614E-03	.70170E-01	.00000E+00
5	-.75048E-01	-.24087E-04	.75578E-01	.00000E+00
6	-.85956E-01	.11001E-04	.85955E-01	-.15387E-04
7	-.79141E-01	-.13316E-02	.79867E-01	.00000E+00
8	-.86210E-01	-.10165E-02	.86487E-01	-.30065E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.35200E-01	-.35591E-03	.35531E-01	.00000E+00
11	-.65195E-01	-.82721E-03	.66117E-01	.00000E+00
12	-.72744E-01	-.95006E-03	.73834E-01	.00000E+00
13	-.78829E-01	-.74765E-03	.79365E-01	.00000E+00
14	-.86726E-01	-.10120E-02	.87897E-01	-.79076E-05
15	-.79310E-01	-.19254E-02	.83319E-01	.00000E+00
16	-.87436E-01	-.16288E-02	.90213E-01	.35838E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.35561E-01	-.54211E-03	.36953E-01	.00000E+00
19	-.65469E-01	-.10635E-02	.69379E-01	.00000E+00
20	-.74397E-01	-.13253E-02	.77832E-01	.00000E+00
21	-.80752E-01	-.87475E-03	.83885E-01	.00000E+00
22	-.88556E-01	-.10372E-02	.93449E-01	-.28853E-05
23	-.82951E-01	-.28297E-02	.90638E-01	.00000E+00
24	-.89871E-01	-.24365E-02	.97697E-01	-.28604E-04
25	-.90791E-01	-.31311E-02	.10044E+00	.13456E-06
26	-.91326E-01	-.29734E-02	.10207E+00	.94962E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.35663E-01	-.10548E-02	.38120E-01	.00000E+00
29	-.68043E-01	-.20127E-02	.72591E-01	.00000E+00
30	-.76108E-01	-.23164E-02	.82504E-01	.00000E+00
31	-.83601E-01	-.28497E-02	.91905E-01	.00000E+00
32	-.91894E-01	-.33304E-02	.10387E+00	-.78634E-04
33	-.83399E-01	-.42398E-02	.91914E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.35435E-01	-.15490E-02	.38162E-01	.00000E+00
36	-.68602E-01	-.24311E-02	.73282E-01	.00000E+00
37	-.76981E-01	-.27766E-02	.82175E-01	.00000E+00
38	-.85908E-01	-.34955E-02	.95290E-01	.00000E+00
39	-.92932E-01	-.47627E-02	.10696E+00	.52736E-04
40	-.92755E-01	-.50523E-02	.10624E+00	.27935E-05
41	-.92588E-01	-.48312E-02	.10557E+00	-.31610E-04
42	-.92308E-01	-.42941E-02	.10482E+00	-.64460E-04
43	-.76300E-01	-.36210E-02	.80335E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.33178E-01	.25540E-03	.34757E-01	.00000E+00
46	-.68528E-01	-.21655E-02	.70166E-01	.00000E+00
47	-.93016E-01	-.43358E-02	.10722E+00	.47625E-04
48	-.92991E-01	-.45442E-02	.10719E+00	.72562E-04
49	-.85913E-01	-.36331E-02	.94473E-01	.00000E+00
50	-.93475E-01	-.45440E-02	.10759E+00	.21171E-03
51	-.86707E-01	-.40299E-02	.92248E-01	.00000E+00
52	-.97194E-01	-.40359E-02	.10115E+00	.00000E+00
53	-.93081E-01	-.40599E-02	.10734E+00	.10730E-04
54	-.76046E-01	-.22053E-02	.74796E-01	.00000E+00
55	-.85370E-01	-.33526E-02	.82604E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.28512E-01	-.30758E-02	.25430E-01	.00000E+00
58	-.61271E-01	-.18184E-02	.48795E-01	.00000E+00
59	-.99101E-01	-.29548E-02	.95708E-01	.00000E+00
60	-.97451E-01	-.37042E-02	.98254E-01	.00000E+00
61	-.94692E-01	-.45531E-02	.10785E+00	.32594E-03
62	-.72013E-01	-.11119E-02	.58968E-01	.00000E+00
63	-.82072E-01	-.93186E-03	.71294E-01	.00000E+00
	-.99193E-01	-.39143E-02	.10254E+00	.00000E+00
	-.95795E-01	-.45527E-02	.10910E+00	.04887E-03
	-.98528E-01	-.45764E-02	.10859E+00	.09159E-03

	-.10147E+00	-.45326E-02	.10913E+00	.6855E-03
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.72439E-01	.40937E-03	.15270E-01	.00000E+00
70	-.66775E-01	-.22571E-03	.49233E-01	.00000E+00
71	-.85540E-01	-.71331E-03	.81939E-01	.00000E+00
72	-.10150E+00	-.36511E-02	.10276E+00	.00000E+00
73	-.79759E-01	-.37137E-03	.56453E-01	.00000E+00
74	-.10813E+00	-.36385E-02	.10732E+00	.00000E+00
75	-.10398E+00	-.45384E-02	.10960E+00	.35652E-03
76	-.10735E+00	-.46311E-02	.11051E+00	.24943E-03
77	-.91838E-01	.31082E-03	.68706E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.26316E-01	-.87441E-03	.20091E-01	.00000E+00
80	-.61864E-01	.71480E-03	.43406E-01	.00000E+00
81	-.68447E-01	.85538E-03	.47309E-01	.00000E+00
82	-.76690E-01	.12780E-02	.56748E-01	.00000E+00
83	-.10771E+00	-.38177E-03	.90916E-01	.00000E+00
84	-.10128E+00	.80109E-03	.76718E-01	.00000E+00
85	-.11117E+00	-.47280E-02	.11165E+00	.19940E-03
86	-.11209E+00	-.38086E-02	.11047E+00	.00000E+00
87	-.92444E-01	.80377E-03	.65066E-01	.00000E+00
88	-.11222E+00	-.27305E-02	.10182E+00	.00000E+00
89	-.11379E+00	-.48672E-02	.11277E+00	.16037E-03
90	-.70974E-01	.51666E-03	.34746E-01	.00000E+00
91	-.76151E-01	.99308E-03	.38445E-01	.00000E+00
92	-.81673E-01	-.12763E-03	.41043E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.30678E-01	.00000E+00	.14708E-01	.00000E+00
95	-.56366E-01	.00000E+00	.26145E-01	.00000E+00
96	-.64538E-01	.00000E+00	.30001E-01	.00000E+00
97	-.67386E-01	.00000E+00	.29574E-01	.00000E+00
98	-.66218E-01	.00000E+00	.28735E-01	.00000E+00
99	-.72393E-01	-.21755E-03	.31712E-01	.00000E+00
100	-.89602E-01	-.17153E-03	.49238E-01	.00000E+00
101	-.10796E+00	-.11919E-02	.77047E-01	.00000E+00
102	-.11786E+00	-.50089E-02	.11437E+00	.14410E-03
103	-.11291E+00	-.12148E-02	.93474E-01	.00000E+00
104	-.11952E+00	-.44322E-02	.11440E+00	.00000E+00
105	-.12069E+00	-.50292E-02	.11576E+00	.12412E-03
106	-.11808E+00	-.14472E-02	.10246E+00	.00000E+00
107	-.12417E+00	-.47452E-02	.11625E+00	.00000E+00
108	-.12392E+00	-.51837E-02	.11704E+00	.11853E-03
109	-.12628E+00	-.52475E-02	.11810E+00	.10051E-03
110	-.12483E+00	-.50553E-02	.10811E+00	.00000E+00
111	-.12928E+00	-.57422E-02	.11949E+00	.00000E+00
112	-.12882E+00	-.53167E-02	.11899E+00	.89932E-04
113	-.12827E+00	-.42937E-02	.11265E+00	.00000E+00
114	-.13024E+00	-.52500E-02	.11963E+00	.33864E-04
115	-.13070E+00	-.52403E-02	.12010E+00	.88233E-05
116	-.13071E+00	-.51148E-02	.12029E+00	-.10671E-04
117	-.13005E+00	-.60144E-02	.12189E+00	.00000E+00
118	-.13049E+00	-.50900E-02	.12036E+00	-.25496E-04
119	-.12978E+00	-.50300E-02	.12040E+00	-.44650E-04
120	-.13120E+00	-.54033E-02	.12189E+00	.00000E+00
121	-.12837E+00	-.48950E-02	.12027E+00	-.77426E-04
122	-.12822E+00	-.42383E-02	.12041E+00	-.93606E-04
123	-.12798E+00	-.36335E-02	.12052E+00	-.10599E-03
124	-.12771E+00	-.29472E-02	.12063E+00	-.12043E-03
125	-.12734E+00	-.21642E-02	.12073E+00	-.13754E-03
126	-.12563E+00	-.66395E-03	.12091E+00	-.15730E-02
127	-.12587E+00	.94251E-03	.12108E+00	-.15985E-03
128	-.12441E+00	.42088E-02	.12143E+00	-.13019E-03
129	-.12341E+00	.65241E-02	.12175E+00	-.85244E-04
130	-.12204E+00	.80987E-02	.12210E+00	-.32831E-04

131	-.12288E+00	.80173E-02	.12262E+00	.23380E-04
132	-.12337E+00	.65145E-02	.12309E+00	.37192E-04
133	-.12370E+00	.50194E-02	.12350E+00	.30617E-04
134	-.12406E+00	.35294E-02	.12393E+00	.22313E-04
135	-.12423E+00	.20308E-02	.12410E+00	.20638E-04
136	-.12435E+00	.20176E-02	.12429E+00	.20927E-04
137	-.12443E+00	.11256E-02	.12441E+00	.20633E-04
138	-.12448E+00	.17186E-03	.12449E+00	.21936E-04
139	-.12448E+00	.21173E-04	.12448E+00	.21252E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.19E-02	-1.13E-01	-1.37E-02	-4.33E+00	-1.39E-02	4.36E+00	4.26E+00	-4.39E+00	-44.70	-2.19E-02	-4.33E+00
	-303.00	9.39E-07	-3.22E-06	1.31E-06	-3.93E-04	-1.26E-06	3.97E-04	1.96E-04	-1.98E-04			
2	72.00	-5.95E-02	-1.60E-01	5.31E-02	-3.64E+00	1.20E-03	3.74E+00	3.53E+00	-3.75E+00	-44.61	-5.95E-02	-3.64E+00
	-213.00	-5.50E-07	-5.10E-06	4.57E-06	-3.31E-04	1.09E-07	3.40E-04	1.62E-04	-1.68E-04			
3	72.00	-5.85E-01	-1.68E-01	1.47E-01	-2.43E+00	2.36E-01	2.64E+00	2.05E+00	-2.82E+00	-47.33	-5.85E-01	-2.43E+00
	-138.00	-1.00E-05	-9.92E-07	6.63E-06	-1.10E-04	1.07E-05	1.20E-04	4.99E-05	-6.09E-05			
4	24.00	-2.86E+00	-1.54E+00	-1.94E+00	-4.54E+00	7.67E-01	4.98E+00	2.39E+00	-6.79E+00	-49.11	-2.86E+00	-4.54E+00
	-68.00	-4.02E-05	1.03E-05	-5.00E-06	-3.49E-04	5.90E-05	3.83E-04	1.62E-04	-1.91E-04			
5	72.00	9.36E-01	4.73E-01	1.11E+00	-2.00E+00	-7.99E-02	2.13E+00	2.72E+00	-1.31E+00	-41.70	4.73E-01	2.00E+00
	-88.00	8.26E-06	-9.54E-06	1.51E-05	-1.54E-04	-6.14E-06	1.64E-04	7.67E-05	-7.80E-05			
6	120.00	5.07E-01	5.12E-01	7.38E-01	-3.85E+00	-2.09E-01	3.81E+00	4.36E+00	-3.34E+00	-45.02	-3.28E+00	6.97E-01
	-68.00	1.82E-07	3.80E-07	9.09E-06	-2.96E-04	-1.61E-05	2.93E-04	1.48E-04	-1.48E-04			
7	36.25	-1.07E+00	-4.17E-01	-2.62E-01	-2.16E+00	2.82E-01	2.07E+00	1.44E+00	-2.92E+00	-49.29	-9.93E-01	-2.17E+00
	-19.00	-2.19E-05	3.16E-06	9.12E-06	-1.66E-04	2.17E-05	1.59E-04	7.46E-05	-9.33E-05			
8	108.00	1.13E-01	2.15E-01	3.85E-01	-1.66E+00	-8.68E-03	1.82E+00	1.82E+00	-1.49E+00	-45.88	1.13E-01	-1.66E+00
	-19.00	-3.49E-06	4.37E-07	6.97E-06	-1.28E-04	-6.68E-07	1.40E-04	6.23E-05	-6.53E-05			
9	216.00	-2.24E-01	-3.10E-01	-1.52E-01	-4.33E+00	3.24E-02	4.44E+00	4.06E+00	-4.60E+00	-44.71	-2.24E-01	-4.33E+00
	-303.00	-1.25E-06	-5.19E-06	2.00E-06	-3.94E-04	2.94E-06	4.04E-04	1.94E-04	-2.00E-04			
10	216.00	-3.25E-01	-3.17E-01	-5.90E-02	-3.74E+00	1.08E-01	3.89E+00	3.42E+00	-4.06E+00	-45.03	-3.25E-01	-3.74E+00
	-213.00	-5.68E-06	-5.31E-06	6.43E-06	-3.40E-04	9.83E-06	3.53E-04	1.64E-04	-1.75E-04			
11	216.00	-5.66E-01	-2.61E-01	3.06E-01	-2.88E+00	3.42E-01	3.07E+00	2.47E+00	-3.30E+00	-46.51	-5.66E-01	-2.88E+00
	-138.00	-1.01E-05	-3.21E-06	9.68E-06	-1.31E-04	1.55E-05	1.40E-04	5.89E-05	-7.23E-05			
12	168.00	-1.33E+00	-1.19E+00	-7.70E-01	-4.40E+00	6.29E-01	4.53E+00	3.14E+00	-5.66E+00	-45.47	-1.33E+00	-4.40E+00
	-68.00	-1.50E-05	-9.51E-06	6.49E-06	-3.39E-04	4.84E-05	3.48E-04	1.57E-04	-1.82E-04			
13	216.00	1.26E+00	4.67E-01	1.27E+00	-1.81E+00	1.91E-02	1.86E+00	2.71E+00	-9.88E-01	-38.81	4.67E-01	1.81E+00
	-88.00	1.55E-05	-1.50E-05	1.59E-05	-1.39E-04	1.47E-06	1.43E-04	7.15E-05	-7.09E-05			
14	264.00	2.70E-02	4.61E-01	6.70E-01	-3.76E+00	-6.74E-02	3.88E+00	4.02E+00	-3.53E+00	-46.65	-3.42E+00	8.93E-01
	-68.00	-1.17E-05	5.01E-06	1.30E-05	-2.90E-04	-5.18E-06	2.98E-04	1.42E-04	-1.48E-04			
15	180.00	-4.23E-01	-8.16E-02	1.94E-01	-1.90E+00	4.25E-01	1.82E+00	1.65E+00	-2.16E+00	-47.57	-4.23E-01	-1.90E+00
	-19.00	-1.29E-05	2.77E-07	1.09E-05	-1.46E-04	3.27E-05	1.40E-04	6.70E-05	-7.96E-05			
16	252.00	-2.40E-01	1.33E-01	4.69E-01	-1.58E+00	1.61E-01	1.91E+00	1.53E+00	-1.64E+00	-48.38	-2.40E-01	-1.58E+00
	-19.00	-1.32E-05	1.16E-06	1.40E-05	-1.21E-04	1.24E-05	1.47E-04	5.50E-05	-6.73E-05			
17	361.00	-2.98E-01	-4.86E-01	-2.32E-01	-4.37E+00	1.46E-02	4.60E+00	3.98E+00	-4.76E+00	-44.38	-2.98E-01	-4.37E+00
	-303.00	-3.51E-07	-8.91E-06	2.67E-06	-3.97E-04	1.33E-06	4.18E-04	1.94E-04	-2.03E-04			
18	361.00	-3.24E-01	-4.43E-01	-9.56E-02	-3.92E+00	7.89E-02	4.12E+00	3.50E+00	-4.34E+00	-44.80	-3.94E-01	-3.92E+00
	-213.00	-5.74E-06	-8.18E-06	7.83E-06	-3.57E-04	7.17E-06	3.75E-04	1.71E-04	-1.85E-04			
19	361.00	-6.29E-01	-3.40E-01	3.95E-01	-3.08E+00	3.31E-01	3.47E+00	2.60E+00	-3.56E+00	-46.35	-6.29E-01	-3.08E+00
	-138.00	-1.13E-05	-4.71E-06	1.20E-05	-1.40E-04	1.50E-05	1.58E-04	6.20E-05	-7.80E-05			
20	312.00	-2.33E+00	-1.80E+00	-1.25E+00	-4.97E+00	1.08E+00	5.45E+00	2.91E+00	-7.04E+00	-46.53	-2.33E+00	-4.97E+00
	-68.00	-3.05E-05	-1.01E-05	1.10E-05	-3.82E-04	8.28E-05	4.19E-04	1.71E-04	-2.12E-04			
21	360.67	2.06E+00	1.12E+00	1.02E+00	-2.35E+00	-1.23E-01	2.73E+00	3.95E+00	-8.05E-01	-29.32	1.12E+00	2.35E+00
	-88.00	2.33E-05	-1.30E-05	1.77E-05	-1.81E-04	-9.44E-06	2.10E-04	9.73E-05	-8.70E-05			
22	409.33	-1.24E+00	-1.70E+00	-6.07E-01	-4.73E+00	1.94E-02	5.91E+00	3.27E+00	-6.21E+00	-43.62	-6.15E+00	7.55E-01
	-68.00	-8.79E-06	-2.63E-05	1.56E-05	-3.64E-04	1.49E-06	4.55E-04	1.65E-04	-2.00E-04			
23	324.00	-8.56E-01	-1.69E-01	2.91E-01	-1.95E+00	7.57E-01	1.93E+00	1.47E+00	-2.50E+00	-49.98	-8.56E-01	-1.95E+00
	-19.00	[illegible]44E-05	1.59E-06	1.62E-05	-1.50E-04	5.82E-05	1[illegible]-04	6.81E-05	-8.75E-05			
24	372.[illegible]	[illegible]3E-01	3.59E-01	7.19E-01	-5.11E+00	7.22E-01	[illegible]00	5.09E+00	-5.17E+00	-47.46	-4.83E-01	-5.1[illegible]

	-9.3[illegible]	[illegible]55E-05	8.26E-06	2.07E-05	-3.93E-04	5.55E-05	[illegible]-04	1.85E-04	-2.06E-04					
25	401.25	[illegible].50E-01	[illegible].01E-02	7.45E-01	-1.[illegible]E+00	2.41E-01	[illegible]+00	1.55E+00	-1.75E+00	-47.55	1.34E+00	-8.79E[illegible]		
	-19.00	-1.54E-05	-4.07E-06	2.27E-05	-1.29E-04	1.86E-05	1.73E-04	5.50E-05	-7.47E-05					
26	427.67	-2.40E+00	-2.17E+00	-1.12E+00	-5.73E+00	9.80E-01	7.73E+00	3.45E+00	-6.02E+00	-45.59	-5.77E+00	-4.55E+00		
	-9.33	-2.99E-05	-2.08E-05	1.94E-05	-4.41E-04	7.54E-05	5.94E-04	1.95E-04	-2.46E-04					
27	457.00	-3.53E-01	-7.28E-01	-3.45E-01	-4.41E+00	-2.63E-02	4.68E+00	3.87E+00	-4.95E+00	-43.78	-3.53E-01	-4.41E+00		
	-303.00	2.46E-06	-1.46E-05	2.84E-06	-4.01E-04	-2.35E-06	4.25E-04	1.94E-04	-2.07E-04					
28	457.00	-3.50E-01	-5.01E-01	-9.74E-02	-4.12E+00	8.32E-04	4.30E+00	3.70E+00	-4.55E+00	-44.48	-3.50E-01	-4.12E+00		
	-213.00	-3.60E-06	-1.04E-05	7.88E-06	-3.75E-04	7.56E-08	3.91E-04	1.80E-04	-1.95E-04					
29	457.00	-9.85E-01	-5.15E-01	2.01E-01	-3.24E+00	-1.64E-01	3.56E+00	2.50E+00	-4.00E+00	-47.07	-9.85E-01	-3.24E+00		
	-138.00	-1.56E-05	-4.51E-06	1.14E-05	-1.47E-04	-7.46E-06	1.62E-04	6.36E-05	-8.40E-05					
30	442.00	-1.18E+00	-2.70E+00	-1.02E+00	-5.58E+00	-1.83E-01	6.18E+00	3.69E+00	-7.57E+00	-41.13	-1.18E+00	-5.58E+00		
	-68.00	8.43E-06	-4.58E-05	1.45E-05	-4.29E-04	-1.41E-05	4.75E-04	1.96E-04	-2.37E-04					
31	457.33	6.60E+00	3.00E+00	4.25E+00	-1.95E+00	-3.09E+00	3.29E+00	7.46E+00	2.14E+00	-23.69	3.00E+00	1.95E+00		
	-88.00	1.02E-04	-3.68E-05	1.14E-05	-1.50E-04	-2.37E-04	2.53E-04	1.35E-04	-6.98E-05					
32	472.67	-1.08E+01	-9.13E+00	-7.59E+00	-4.82E+00	1.85E+00	7.87E+00	-5.09E+00	-1.45E+01	-50.03	-1.38E+01	-3.12E+00		
	-68.00	-1.14E-04	-4.84E-05	1.10E-05	-3.71E-04	1.42E-04	6.05E-04	1.07E-04	-2.69E-04					
33	443.00	-1.00E+00	-7.93E-01	1.30E-01	-2.85E+00	3.33E-01	3.01E+00	1.95E+00	-3.75E+00	-46.05	-1.00E+00	-2.85E+00		
	-19.50	-2.03E-05	-1.22E-05	2.33E-05	-2.19E-04	2.56E-05	2.32E-04	9.34E-05	-1.26E-04					
34	454.00	-8.69E+00	-6.54E+00	-5.41E+00	-7.26E+00	2.19E+00	9.80E+00	-2.78E-01	-1.50E+01	-49.21	-1.16E+01	-6.18E+00		
	-11.33	-1.07E-04	-2.48E-05	1.88E-05	-5.58E-04	1.68E-04	7.54E-04	2.16E-04	-3.48E-04					
35	461.67	-2.26E+00	-2.87E+00	-1.38E+00	-6.88E+00	5.49E-01	1.01E+01	4.32E+00	-9.45E+00	-43.73	-2.26E+00	-6.88E+00		
	-12.00	-1.54E-05	-3.88E-05	1.84E-05	-5.29E-04	4.22E-05	7.80E-04	2.38E-04	-2.92E-04					
36	469.00	5.27E+00	1.99E+00	3.63E+00	-6.73E-01	-2.76E+00	4.05E+00	5.40E+00	1.85E+00	-11.14	1.99E+00	6.73E-01		
	-30.00	8.31E-05	-4.32E-05	2.00E-05	-5.18E-05	-2.11E-04	3.12E-04	8.82E-05	-4.83E-05					
37	476.33	-4.17E+00	-5.72E+00	-3.24E+00	-4.69E+00	5.92E-01	8.35E+00	-1.93E-01	-9.70E+00	-40.30	-6.06E+00	-4.62E+00		
	-12.00	-1.61E-05	-7.58E-05	1.97E-05	-3.61E-04	4.55E-05	6.42E-04	1.37E-04	-2.29E-04					
38	558.50	2.38E-01	-8.07E-02	1.22E-01	-4.13E+00	-1.40E-01	4.46E+00	4.21E+00	-4.05E+00	-43.90	2.38E-01	-4.13E+00		
	-303.00	7.19E-06	-7.30E-06	1.93E-06	-3.75E-04	-1.28E-05	4.06E-04	1.88E-04	-1.88E-04					
39	558.50	-1.18E-01	-6.90E-01	-1.77E-01	-4.11E+00	-2.81E-01	4.34E+00	3.72E+00	-4.53E+00	-43.01	-1.18E-01	-4.11E+00		
	-213.00	7.42E-06	-1.86E-05	4.76E-06	-3.74E-04	-2.55E-05	3.95E-04	1.82E-04	-1.93E-04					
40	506.17	3.76E-02	-1.59E+00	6.27E-02	-9.20E+00	-7.19E-01	9.22E+00	8.46E+00	-1.00E+01	-42.47	3.76E-02	-9.20E+00		
	-128.00	8.67E-06	-2.83E-05	9.25E-06	-4.18E-04	-3.27E-05	4.19E-04	2.00E-04	-2.20E-04					
41	558.50	2.79E+00	-1.04E+00	6.90E-01	-3.98E+00	-2.36E+00	5.68E+00	5.28E+00	-3.54E+00	-32.18	-1.04E+00	3.98E+00		
	-148.00	5.05E-05	-3.64E-05	2.93E-06	-1.81E-04	-1.07E-04	2.58E-04	1.07E-04	-9.33E-05					
42	610.83	-5.09E-01	-1.78E+00	-5.32E-01	-7.97E+00	-1.61E+00	7.20E+00	6.85E+00	-9.14E+00	-42.73	-9.00E+00	1.48E+00		
	-128.00	3.21E-06	-2.56E-05	2.68E-06	-3.62E-04	-7.32E-05	3.27E-04	1.70E-04	-1.93E-04					
43	501.38	7.65E-01	1.37E-01	8.56E-01	-2.09E+00	-8.34E-01	2.65E+00	2.57E+00	-1.67E+00	-40.74	7.65E-01	-2.09E+00		
	-78.00	1.01E-05	-1.40E-05	1.36E-05	-1.61E-04	-6.42E-05	2.04E-04	7.94E-05	-8.34E-05					
44	534.67	-1.30E+00	-1.34E+00	-7.91E-01	-6.64E+00	-5.03E-01	8.31E+00	5.32E+00	-7.96E+00	-44.93	-7.86E+00	1.14E+00		
	-68.00	-1.25E-05	-1.38E-05	7.55E-06	-5.11E-04	-3.87E-05	6.40E-04	2.42E-04	-2.69E-04					
45	584.67	1.21E+00	5.31E-01	9.48E-01	-6.36E+00	-1.69E+00	5.73E+00	7.24E+00	-5.50E+00	-43.47	1.21E+00	-6.36E+00		
	-68.00	1.70E-05	-9.16E-06	6.90E-06	-4.89E-04	-1.30E-04	4.41E-04	2.49E-04	-2.41E-04					
46	610.83	6.44E+00	1.58E+00	3.13E+00	-3.44E+00	-3.10E+00	4.63E+00	8.22E+00	-1.98E-01	-27.36	1.58E+00	3.44E+00		
	-88.00	1.25E-04	-6.18E-05	-2.05E-06	-2.64E-04	-2.39E-04	3.56E-04	1.94E-04	-1.30E-04					
47	482.63	2.90E-01	-2.45E-01	8.90E-01	-1.52E+00	-8.29E-01	3.03E+00	1.57E+00	-1.52E+00	-40.01	2.90E-01	-1.52E+00		
	-21.00	8.72E-07	-1.97E-05	2.40E-05	-1.17E-04	-6.38E-05	2.33E-04	4.99E-05	-6.88E-05					
48	485.83	-1.87E+00	-2.80E+00	-1.22E+00	-4.42E+00	-1.15E-01	9.30E+00	2.11E+00	-6.78E+00	-42.01	-2.44E+00	-4.44E+00		
	-12.00	-7.24E-06	-4.29E-05	1.78E-05	-3.40E-04	-8.87E-06	7.15E-04	1.46E-04	-1.96E-04					
49	507.88	4.66E-02	1.88E-01	8.58E-01	-1.66E+00	-5.05E-01	3.32E+00	1.78E+00	-1.54E+00	-46.22	4.66E-02	-1.66E+00		
	-21.00	-1.02E-05	-4.73E-06	2.10E-05	-1.28E-04	-3.89E-05	2.56E-04	5.64E-05	-7.14E-05					
50	538.67	-1.26E+00	-6.46E-01	-3.87E-01	-5.91E+00	-2.21E+00	7.23E+00	4.97E+00	-6.87E+00	-46.48	-6.81E+00	8.75E-01		
	-10.00	-2.32E-05	2.99E-07	1.03E-05	-4.55E-04	-1.70E-04	5.56E-04	2.16E-04	-2.39E-04					
51	484.67	1.95E+01	1.35E+01	1.43E+01	4.07E-01	-1.52E+00	9.83E-01	1.96E+01	1.35E+01	3.87	1.35E+01	-4.07E-01		
	8.00	2.31E-04	3.06E-08	2.93E-05	3.13E-05	-1.17E-04	7.56E-05	2.32E-04	-1.03E-06					
52	507.00	-4.94E+00	-5.52E+00	-3.52E+00	-3.29E+00	-1.01E+00	-2.85E+00	-2.10E+00	-8.76E+00	-40.73	-8.05E+00	-2.05E+00		
	9.00	-3.19E-05	-6.99E-05	2.28E-05	-2.53E-04	-7.80E-05	-2.19E-04	7.72E-05	-1.79E-04					
53	603.00	-1.46E-01	4.34E-02	-3.83E-02	-2.50E+00	-1.13E+00	2.34E+00	2.45E+00	-2.55E+00	-46.09	1.43E+00	-2.01E+00		
	-18.00	-4.07E-06	3.22E-06	7.69E-08	-1.92E-04	-8.67E-05	1.80E-04	9.56E-05	-9.65E-05					
54	712.00	3.14E-01	-3.73E-01	-3.99E-02	-3.89E+00	-3.36E-01	3.69E+00	3.88E+00	-3.94E+00	-42.48	3.14E-01	-3.89E+00		
	-303.00	1.56E-05	-1.57E-05	-5.28E-07	-3.54E-04	-3.06E-05	3.35E-04	1.78E-04	-1.76E-04					
55	712.00	2.15E+00	1.13E+00	1.18E+00	-4.27E+00	-1.08E+00	3.62E+00	5.94E+00	-2.66E+00	-41.61	2.15E+00	-4.27E+00		
	-213.00	3.97E-05	-6.46E-06	-4.33E-06	-3.88E-04	-9.80E-05	3.29E-04	2.12E-04	-1.75E-04					
56	712.00	2.79E+00	1.38E+00	7.46E-01	-3.24E+00	-2.53E+00	2.77E+00	5.40E+00	-1.23E+00	-38.86	2.79E+00	-3.24E+00		

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	-138.00	3.76E-05	5.56E-06	-8.93E-06	-1.47E-04	-1.15E-04	1.26E-04	9.70E-05	-5.38E-05				
57	712.00	7.29E-01	-3.84E-02	-9.12E-02	-2.04E+00	-1.04E+00	2.22E+00	2.43E+00	-1.74E+00	-39.69	7.29E-01	-2.04E+00	
	-78.00	2.14E-05	-8.06E-06	-1.01E-05	-1.57E-04	-4.04E-05	1.70E-04	8.67E-05	-7.33E-05				
58	712.00	9.58E-01	6.53E-01	2.32E-01	-2.76E+00	-9.39E-01	2.61E+00	3.57E+00	-1.95E+00	-43.44	9.58E-01	-2.76E+00	
	-18.00	1.65E-05	5.01E-06	-1.14E-05	-2.12E-04	-7.22E-05	2.01E-04	1.17E-04	-9.54E-05				
59	837.00	1.10E+01	6.11E+00	6.84E+00	-3.26E+00	-1.84E+00	3.11E+00	1.27E+01	4.49E+00	-26.44	6.11E+00	3.26E+00	
	-318.00	1.90E-04	-3.42E-05	.00E+00	-2.96E-04	-1.70E-04	2.83E-04	2.64E-04	-1.08E-04				
60	887.00	1.56E+00	1.13E-01	6.69E-01	-9.72E+00	-7.45E-01	6.84E+00	9.58E+00	-7.91E+00	-42.63	-7.19E+00	3.46E+00	
	-288.00	4.05E-05	-2.53E-05	.00E+00	-7.92E-04	-6.77E-05	6.22E-04	4.05E-04	-3.90E-04				
61	987.00	-1.05E+00	-1.34E+00	-1.32E+00	-8.86E+00	3.54E-01	6.19E+00	7.21E+00	-1.05E+01	-46.01	-1.96E+00	-8.86E+00	
	-288.00	-2.92E-05	-9.19E-07	.00E+00	-9.05E-04	3.21E-05	5.63E-04	3.88E-04	-4.16E-04				
62	1037.00	1.09E+01	6.59E+00	7.01E+00	-6.49E+00	-1.47E+00	4.91E+00	1.56E+01	1.92E+00	-35.72	6.58E+00	6.49E+00	
	-318.00	1.79E-04	-1.94E-05	.00E+00	-5.90E-04	-1.34E-04	4.46E-04	3.91E-04	-2.32E-04				
63	862.00	2.31E-01	1.20E-01	-2.01E-01	-4.40E+00	-2.34E-01	3.52E+00	4.58E+00	-4.23E+00	-44.64	2.31E-01	-4.40E+00	
	-213.00	8.56E-06	3.51E-06	-1.11E-05	-4.00E-04	-2.13E-05	3.20E-04	2.06E-04	-1.94E-04				
64	1012.00	-6.08E-01	-3.82E-01	-7.60E-01	-4.74E+00	9.33E-02	3.50E+00	4.25E+00	-5.24E+00	-45.68	-6.08E-01	-4.74E+00	
	-213.00	-4.89E-06	5.35E-06	-1.18E-05	-4.31E-04	8.48E-06	3.18E-04	2.16E-04	-2.15E-04				
65	837.00	-1.06E-01	3.45E-01	-9.91E-01	-3.34E+00	-8.91E-01	3.74E+00	3.47E+00	-3.23E+00	-46.93	3.45E-01	3.34E+00	
	-148.00	1.54E-06	1.18E-05	-1.86E-05	-1.52E-04	-4.05E-05	1.70E-04	8.28E-05	-6.95E-05				
66	937.00	5.29E-01	2.20E-01	-7.24E-01	-5.86E+00	-4.90E-01	4.30E+00	6.23E+00	-5.48E+00	-44.25	-3.78E+00	4.13E+00	
	-128.00	1.19E-05	4.87E-06	-1.66E-05	-2.66E-04	-2.23E-05	1.96E-04	1.42E-04	-1.25E-04				
67	1037.00	5.42E+00	1.30E+00	9.96E-01	-5.64E+00	-1.89E+00	4.98E+00	9.36E+00	-2.65E+00	-34.96	1.30E+00	5.64E+00	
	-148.00	8.27E-05	-1.10E-05	-1.78E-05	-2.56E-04	-8.59E-05	2.27E-04	1.72E-04	-1.01E-04				
68	837.00	1.91E+00	1.72E+00	8.45E-01	-6.38E+00	-1.08E+00	4.81E+00	8.15E+00	-4.61E+00	-44.81	1.81E+00	-6.38E+00	
	-68.00	2.14E-05	1.82E-05	-1.56E-05	-4.91E-04	-8.34E-05	3.70E-04	2.65E-04	-2.26E-04				
69	937.00	2.02E+00	-3.84E-01	-1.69E-01	-3.45E+00	-1.11E+00	2.96E+00	4.47E+00	-2.84E+00	-35.41	-3.84E-01	3.45E+00	
	-88.00	6.15E-05	-3.09E-05	-2.26E-05	-2.66E-04	-8.56E-05	2.28E-04	1.56E-04	-1.25E-04				
70	1037.00	1.98E-01	-5.02E-01	-8.64E-01	-5.88E+00	2.91E-01	6.06E+00	5.74E+00	-6.04E+00	-43.30	-4.46E+00	5.02E+00	
	-68.00	2.05E-05	-6.49E-06	-2.04E-05	-4.52E-04	2.24E-05	4.66E-04	2.34E-04	-2.20E-04				
71	862.00	1.35E+00	8.63E-01	1.19E-01	-2.71E+00	-9.42E-01	2.49E+00	3.83E+00	-1.61E+00	-42.41	1.35E+00	-2.71E+00	
	-18.00	2.64E-05	7.53E-06	-2.11E-05	-2.08E-04	-7.25E-05	1.91E-04	1.22E-04	-8.77E-05				
72	1012.00	-4.69E-01	-6.34E-01	-1.28E+00	-2.92E+00	1.56E-01	2.22E+00	2.37E+00	-3.47E+00	-44.19	-4.69E-01	-2.92E+00	
	-18.00	8.20E-06	1.84E-06	-2.32E-05	-2.25E-04	1.20E-05	1.71E-04	1.17E-04	-1.07E-04				
73	1387.00	-6.05E-01	-6.42E-01	-6.25E-01	-3.51E+00	-4.35E-03	2.13E+00	2.88E+00	-4.13E+00	-44.85	-6.06E-01	-3.51E+00	
	-303.00	-3.22E-06	-4.86E-06	-4.09E-06	-3.19E-04	-3.95E-07	1.93E-04	1.55E-04	-1.63E-04				
74	1387.00	-8.76E-02	7.67E-02	-4.01E-01	-3.71E+00	-6.61E-02	2.12E+00	3.71E+00	-3.72E+00	-45.63	-8.76E-02	-3.71E+00	
	-213.00	1.36E-06	8.83E-06	-1.29E-05	-3.37E-04	-6.01E-06	1.93E-04	1.74E-04	-1.64E-04				
75	1387.00	2.16E-02	-2.72E-01	-1.15E+00	-2.73E+00	-2.20E-01	1.42E+00	2.61E+00	-2.86E+00	-43.46	2.16E-02	-2.73E+00	
	-138.00	7.84E-06	1.17E-06	-1.88E-05	-1.24E-04	-1.00E-05	6.44E-05	6.67E-05	-5.77E-05				
76	1187.00	9.99E-01	7.23E-01	4.08E-02	-4.15E+00	-7.22E-01	1.36E+00	5.02E+00	-3.29E+00	-44.05	9.99E-01	-4.15E+00	
	-68.00	1.91E-05	8.44E-06	-1.78E-05	-3.19E-04	-5.55E-05	1.05E-04	1.74E-04	-1.46E-04				
77	1387.00	1.23E+00	9.48E-01	-3.52E-02	-2.14E+00	-5.29E-01	1.54E+00	3.23E+00	-1.06E+00	-43.12	9.48E-01	2.14E+00	
	-88.00	2.39E-05	1.29E-05	-2.49E-05	-1.65E-04	-4.07E-05	1.19E-04	1.01E-04	-6.41E-05				
78	1587.00	2.49E-01	1.62E-01	-6.28E-01	-2.65E+00	5.88E-02	8.43E-01	2.86E+00	-2.45E+00	-44.53	-8.54E-01	2.43E+00	
	-68.00	1.20E-05	8.61E-06	-2.18E-05	-2.04E-04	4.52E-06	6.49E-05	1.12E-04	-9.17E-05				
79	1237.00	1.59E+00	6.38E-01	-8.17E-04	-2.28E+00	-7.35E-01	1.29E+00	3.44E+00	-1.22E+00	-39.10	1.59E+00	-2.28E+00	
	-18.00	3.67E-05	5.97E-08	-2.45E-05	-1.75E-04	-5.65E-05	9.94E-05	1.08E-04	-7.12E-05				
80	1433.80	9.63E-01	3.62E-01	-3.90E-01	-2.66E+00	-2.95E-01	9.41E-01	3.34E+00	-2.02E+00	-41.78	9.63E-01	-2.66E+00	
	-8.00	2.68E-05	3.64E-06	-2.53E-05	-2.05E-04	-2.27E-05	7.24E-05	1.18E-04	-8.79E-05				
81	1533.80	1.58E+00	3.72E-01	-1.17E-01	-1.58E+00	-2.20E-01	6.08E-01	2.67E+00	-7.14E-01	-34.52	3.72E-01	1.58E+00	
	-28.00	4.06E-05	-5.87E-06	-2.47E-05	-1.21E-04	-1.70E-05	4.68E-05	8.24E-05	-4.76E-05				
82	1533.80	1.63E+00	5.25E-01	1.90E-02	-5.61E-01	5.84E-02	9.99E-02	1.86E+00	2.90E-01	-22.79	2.92E-01	5.98E-02	
	-8.00	3.87E-05	-3.63E-06	-2.31E-05	-4.32E-05	4.49E-06	7.68E-06	4.78E-05	-1.27E-05				
83	1433.80	6.61E+00	2.88E+00	2.76E+00	-1.77E+00	-1.74E+00	7.24E-01	7.31E+00	2.17E+00	-21.71	2.88E+00	1.77E+00	
	27.60	1.20E-04	-2.39E-05	-2.84E-05	-1.36E-04	-1.34E-04	5.57E-05	1.47E-04	-5.10E-05				
84	1296.10	2.33E+00	2.19E-01	3.54E-02	-1.89E+00	-8.41E-01	9.56E-01	3.46E+00	-8.13E-01	-30.96	1.48E+00	2.13E+00	
	40.70	6.02E-05	-1.73E-05	-2.82E-05	-1.45E-04	-6.47E-05	7.35E-05	1.04E-04	-6.08E-05				
85	1148.60	1.03E+00	-4.73E-01	-6.46E-01	-2.49E+00	-8.31E-01	4.79E-01	2.87E+00	-2.31E+00	-36.57	-1.91E+00	-1.39E+00	
	57.33	4.05E-05	-1.72E-05	-2.38E-05	-1.91E-04	-7.16E-05	3.68E-05	1.11E-04	-8.79E-05				
86	1131.40	8.36E+00	4.06E+00	3.67E+00	-9.47E-01	-3.27E+00	4.65E-02	8.56E+00	3.86E+00	-11.87	4.06E+00	9.47E-01	
	112.00	1.45E-04	-2.08E-05	-3.57E-05	-7.28E-05	-2.52E-04	3.58E-06	1.52E-04	-2.84E-05				
87	1010.80	2.44E+00	1.05E+00	4.18E-01	-2.67E+00	-1.29E+00	3.90E+00	4.51E+00	-1.02E+00	-37.74	1.05E+00	2.67E+00	
	34.6[illegible]	[illegible]09E-05	-2.47E-06	-2.68E-05	-2.04E-04	-9.94E-05	[illegible]E-04	1.30E-04	-8.21E-05				
88	886	[illegible]15E+00	4.65E-01	-1.66E-01	-2.16E+00	-6.30E-0[illegible]	[illegible]+00	3.00E+00	-1.36E+00	-40.51	1.15E+00	-2.[illegible]	

		2.97E-05	1.57E-06	-2.23E-05	-1.64E-04	-4.85E-[illegible]	[illegible]76E-04	9.93E-05	-6.91E-05				
89	86[illegible]	5.32E+00	2.30E+00	2.02E+00	-1.15E+00	-2.00E+00	[illegible]81E-01	5.73E+00	1.90E+00	-19.03	2.30E+00	1.[illegible]	[illegible]
	96.[illegible]	9.86E-05	-1.74E-05	-2.82E-05	-9.08E-05	-1.54E-04	5.24E-05	1.14E-04	-3.30E-05				
90	952.60	8.87E+01	-2.56E+00	-1.61E+00	-3.23E+00	-9.60E-01	2.35E+00	2.82E+00	-4.50E+00	-30.93	-3.64E+00	2.35E+00	
	120.00	7.02E-05	-6.25E-05	-2.58E-05	-2.40E-04	-7.54E-05	1.81E-04	1.45E-04	-1.37E-04				
91	869.80	1.54E+00	2.38E-01	-1.03E-01	-1.45E+00	-1.04E+00	4.38E-01	2.48E+00	-7.00E-01	-32.93	1.54E+00	-1.45E+00	
	160.00	4.07E-05	-9.21E-06	-2.23E-05	-1.11E-04	-8.00E-05	3.37E-05	7.68E-05	-4.53E-05				
92	869.80	7.54E+00	2.52E+00	3.73E+00	-8.30E-01	-3.82E+00	9.05E-01	7.67E+00	2.39E+00	-9.15	2.52E+00	8.30E-01	
	203.60	1.49E-04	-4.36E-05	-3.55E-05	-6.36E-05	-2.94E-04	6.96E-05	1.55E-04	-4.87E-05				
93	598.67	-4.00E-01	1.16E-01	-3.20E-01	-4.29E+00	-2.67E+00	4.95E+00	4.15E+00	-4.44E+00	-46.72	1.16E-01	4.29E+00	
	16.00	-8.74E-06	1.11E-05	-8.67E-06	-3.30E-04	-2.06E-04	3.81E-04	1.66E-04	-1.64E-04				
94	645.75	6.96E-01	4.81E-01	2.19E-01	-2.75E+00	-1.07E+00	2.36E+00	3.34E+00	-2.17E+00	-43.88	6.96E-01	-2.75E+00	
	24.00	1.14E-05	3.18E-06	-6.94E-06	-2.12E-04	-8.27E-05	1.81E-04	1.13E-04	-9.87E-05				
95	613.10	9.43E-01	1.54E+00	9.48E-01	-4.75E+00	-1.10E+00	3.99E-01	6.00E+00	-3.51E+00	-46.79	9.48E-01	-4.75E+00	
	69.33	-1.31E-06	2.15E-05	-1.32E-06	-3.65E-04	-8.45E-05	3.07E-05	1.93E-04	-1.73E-04				
96	708.45	1.35E+00	3.58E-01	1.35E-01	-2.21E+00	-1.11E+00	1.81E+00	3.12E+00	-1.41E+00	-38.68	1.72E+00	2.09E+00	
	55.00	3.17E-05	-6.48E-06	-1.50E-05	-1.70E-04	-8.52E-05	1.39E-04	9.97E-05	-7.46E-05				
97	613.10	3.84E+00	1.66E+00	1.58E+00	-1.53E+00	-3.63E+00	1.12E+00	4.63E+00	8.64E-01	-27.29	1.66E+00	1.53E+00	
	96.00	6.98E-05	-1.40E-05	-1.70E-05	-1.18E-04	-2.79E-04	8.65E-05	1.00E-04	-4.45E-05				
98	692.27	1.45E+00	5.07E-01	2.30E-01	-3.07E+00	-1.11E+00	1.85E+00	4.09E+00	-2.12E+00	-40.61	-1.70E+00	1.57E+00	
	112.00	3.19E-05	-4.59E-06	-1.52E-05	-2.36E-04	-8.56E-05	1.43E-04	1.33E-04	-1.06E-04				
99	751.43	4.82E+00	-8.50E-01	7.76E-01	-3.35E+00	-2.68E+00	4.35E+00	6.38E+00	-2.40E+00	-24.88	-8.50E-01	3.35E+00	
	96.00	1.33E-04	-8.49E-05	-2.23E-05	-2.59E-04	-2.06E-04	3.34E-04	1.93E-04	-1.45E-04				
100	683.25	1.20E+00	2.74E-01	-4.96E-02	-1.12E+00	-8.59E-01	1.52E+00	1.95E+00	-4.78E-01	-33.76	1.20E+00	-1.12E+00	
	152.00	3.06E-05	-5.16E-06	-1.76E-05	-8.65E-05	-6.61E-05	1.17E-04	5.95E-05	-3.41E-05				
101	648.67	6.45E+00	2.93E+00	2.90E+00	-7.02E-01	-2.68E+00	9.07E-01	6.59E+00	2.85E+00	-11.02	2.98E+00	7.02E-01	
	192.00	1.13E-04	-2.09E-05	-2.41E-05	-5.40E-05	-1.91E-04	6.98E-05	1.18E-04	-2.60E-05				
102	725.25	9.89E-01	-5.71E-01	-5.58E-01	-1.19E+00	-6.63E-01	1.13E+00	1.63E+00	-1.22E+00	-28.40	1.76E-01	1.42E+00	
	232.70	3.95E-05	-2.04E-05	-1.99E-05	-9.17E-05	-5.10E-05	8.73E-05	6.43E-05	-4.52E-05				
103	635.50	1.01E+00	1.22E+00	3.30E-01	-9.83E-03	-5.15E-01	-4.41E-01	1.22E+00	1.01E+00	-87.38	1.01E+00	-9.83E-03	
	256.00	1.06E-05	1.88E-05	-1.54E-05	-7.56E-07	-3.96E-05	-3.39E-05	1.89E-05	1.06E-05				
104	635.50	2.30E+00	1.58E+00	6.60E-01	8.52E-02	-1.83E+00	8.94E-02	2.31E+00	1.57E+00	6.65	1.58E+00	-8.52E-02	
	290.67	3.87E-05	1.09E-05	-2.46E-05	6.55E-06	-1.40E-04	6.88E-06	3.90E-05	1.05E-05				
105	569.00	-7.46E-01	6.68E-02	-1.28E-01	-4.49E+00	-1.47E+00	4.20E+00	4.17E+00	-4.85E+00	-47.59	-7.46E-01	-4.49E+00	
	16.50	-1.98E-05	1.14E-05	3.94E-06	-3.45E-04	-1.13E-04	3.83E-04	1.69E-04	-1.77E-04				
106	508.50	-9.26E+00	-6.17E+00	-5.89E+00	-3.26E+00	-3.50E+00	1.24E+00	-4.11E+00	-1.13E+01	-57.68	-6.17E+00	3.26E+00	
	13.00	-1.22E-04	-3.02E-06	7.78E-06	-2.51E-04	-2.69E-04	9.52E-05	7.63E-05	-2.01E-04				
107	521.00	-2.50E+00	-1.15E+00	-8.88E-01	-4.42E+00	-1.22E+00	2.31E+00	2.64E+00	-6.29E+00	-49.35	-2.50E+00	-4.42E+00	
	15.75	-4.63E-05	5.62E-06	1.57E-05	-3.40E-04	-9.41E-05	1.78E-04	1.51E-04	-1.92E-04				
108	526.25	-2.15E+00	-9.59E-01	-7.34E-01	-4.87E+00	-1.03E+00	2.40E+00	2.35E+00	-6.46E+00	-48.49	-2.15E+00	-4.87E+00	
	21.00	-3.99E-05	5.89E-06	1.26E-05	-3.74E-04	-7.96E-05	1.84E-04	1.72E-04	-2.06E-04				
109	515.50	-5.79E+00	-3.87E+00	-3.80E+00	-6.01E+00	-2.46E+00	1.25E+00	1.26E+00	-1.09E+01	-49.53	-3.87E+00	6.01E+00	
	26.00	-7.47E-05	-9.39E-07	1.68E-06	-4.63E-04	-1.89E-04	9.63E-05	1.96E-04	-2.72E-04				
110	531.50	-8.36E-01	-5.09E-01	-3.10E-01	-3.97E+00	-7.28E-01	2.06E+00	3.30E+00	-4.65E+00	-46.18	-8.36E-01	-3.97E+00	
	34.50	-1.40E-05	-1.38E-06	6.27E-06	-3.05E-04	-5.60E-05	1.59E-04	1.45E-04	-1.61E-04				
111	515.50	2.90E+00	4.59E+00	3.39E+00	-1.17E+01	-5.74E-01	-3.64E-01	1.54E+01	-7.94E+00	-47.08	2.90E+00	-1.17E+01	
	44.00	-8.09E-06	5.70E-05	1.09E-05	-8.97E-04	-4.41E-05	-2.80E-05	4.74E-04	-4.25E-04				
112	515.50	1.01E+00	5.43E-01	5.63E-01	-2.69E+00	-1.43E+00	1.02E+00	3.48E+00	-1.93E+00	-42.55	5.43E-01	2.69E+00	
	53.33	1.55E-05	-2.31E-06	-1.56E-06	-2.07E-04	-1.10E-04	7.81E-05	1.11E-04	-9.74E-05				
113	547.50	1.60E+00	-6.52E-01	3.25E-01	-4.24E+00	-8.60E-01	4.40E+00	4.86E+00	-3.92E+00	-37.58	-1.97E+00	3.65E+00	
	64.00	4.75E-05	-3.90E-05	-1.47E-06	-3.26E-04	-6.61E-05	3.39E-04	1.73E-04	-1.65E-04				
114	515.50	3.52E+00	4.10E+00	3.08E+00	-4.87E+00	-3.24E-01	9.90E-01	8.69E+00	-1.07E+00	-46.70	3.52E+00	-4.87E+00	
	74.67	1.79E-05	4.01E-05	9.31E-07	-3.75E-04	-2.50E-05	7.62E-05	2.17E-04	-1.59E-04				
115	515.50	6.99E+00	4.35E+00	4.42E+00	-1.75E+00	-1.11E+00	9.61E-01	7.86E+00	3.47E+00	-26.50	4.35E+00	1.75E+00	
	88.00	9.56E-05	-5.90E-06	-3.14E-06	-1.35E-04	-8.56E-05	7.39E-05	1.29E-04	-3.95E-05				
116	547.50	4.12E+00	3.92E-01	1.70E+00	-5.35E+00	-7.54E-01	3.28E+00	7.91E+00	-3.41E+00	-35.40	-1.90E+00	3.84E+00	
	104.00	9.01E-05	-5.31E-05	-2.96E-06	-4.11E-04	-5.80E-05	2.52E-04	2.36E-04	-1.99E-04				
117	515.50	1.34E+00	1.40E+00	9.52E-01	-3.89E+00	-9.57E-02	1.65E+00	5.26E+00	-2.51E+00	-45.22	1.34E+00	-3.89E+00	
	120.00	1.21E-05	1.44E-05	-6.76E-06	-2.99E-04	-7.36E-06	1.27E-04	1.63E-04	-1.36E-04				
118	515.50	4.77E+00	2.86E+00	2.69E+00	-1.50E+00	-5.95E-01	6.08E-01	5.59E+00	2.04E+00	-28.70	2.86E+00	1.50E+00	
	136.00	7.02E-05	-3.42E-06	-9.93E-06	-1.15E-04	-4.58E-05	6.22E-05	1.02E-04	-3.51E-05				
119	547.50	3.56E+00	1.10E+00	1.52E+00	-3.57E+00	-4.14E-01	1.82E+00	6.11E+00	-1.44E+00	-35.50	-4.32E-01	2.57E+00	
	152.00	6.89E-05	-2.56E-05	-9.35E-06	-2.75E-04	-3.19E-05	1.40E-04	1.67E-04	-1.23E-04				
120	515.50	1.69E+00	1.44E+00	7.74E-01	-2.60E+00	-7.64E-02	6.55E-01	4.18E+00	-1.03E+00	-43.71	1.69E+00	-2.60E+00	

	168.00	2.20E-05	1.30E-05	-1.34E-05	-2.00E-04	-5.88E-06	6.58E-05	1.18E-04	-8.27E-05				
121	515.50	6.26E+00	3.72E+00	3.46E+00	-1.16E+00	-6.72E-01	6.01E-01	6.72E+00	3.32E+00	-21.60	3.78E+00	1.16E+00	
	184.00	9.25E-05	-2.94E-06	-1.54E-05	-4.95E-05	-5.17E-05	4.63E-05	1.10E-04	-2.06E-05				
122	547.50	2.13E+00	-1.14E+00	-1.26E-01	-3.91E+00	-3.65E-01	2.61E+00	4.74E+00	-3.74E+00	-33.63	-2.79E+00	2.68E+00	
	200.00	7.27E-05	-5.25E-05	-1.45E-05	-3.01E-04	-2.63E-05	2.01E-04	1.73E-04	-1.54E-04				
123	515.50	-8.49E-01	-1.42E+00	-1.60E+00	-1.85E+00	2.29E-01	1.10E+00	7.32E-01	-3.00E+00	-40.57	-8.48E-01	-1.85E+00	
	216.00	9.96E-05	-1.22E-05	-1.91E-05	-1.42E-04	1.76E-05	8.49E-05	7.07E-05	-7.30E-05				
124	515.50	1.74E+00	3.48E-01	3.44E-01	-4.52E-01	1.27E-01	3.98E-01	1.93E+00	6.59E-01	-22.69	8.48E-01	4.52E-01	
	232.00	3.47E-05	4.05E-07	-1.90E-05	-3.47E-05	9.74E-06	3.06E-05	4.19E-05	-6.86E-06				
125	547.50	7.53E-01	1.24E-01	-2.99E-01	-9.03E-01	1.09E-01	1.60E+00	1.40E+00	-4.98E-01	-35.83	-2.36E-01	6.56E-01	
	248.00	2.22E-05	-8.83E-07	-1.79E-05	-6.95E-05	8.38E-06	1.23E-04	4.72E-05	-2.60E-05				
126	515.50	-1.67E+00	-2.41E+00	-2.34E+00	2.18E-01	4.84E-01	1.30E+00	-1.61E+00	-2.47E+00	15.17	-1.67E+00	2.18E-01	
	264.00	6.96E-06	-2.13E-05	-2.06E-05	1.68E-05	3.72E-05	1.00E-04	9.13E-06	-2.41E-05				
127	515.50	7.13E-01	2.90E-01	-1.75E-01	-1.34E-01	8.45E-01	2.32E-01	7.51E-01	2.52E-01	-16.18	2.90E-01	1.34E-01	
	276.00	1.83E-05	2.07E-06	-1.58E-05	-1.03E-05	6.50E-05	1.79E-05	1.98E-05	5.78E-07				
128	531.50	-8.95E-01	-5.56E-01	-1.21E+00	-8.34E-02	4.30E-01	1.42E-01	-5.36E-01	-9.14E-01	-76.89	-8.95E-01	-8.34E-02	
	297.00	-5.14E-06	7.89E-06	-1.74E-05	-6.42E-06	3.31E-05	1.09E-05	8.64E-06	-5.89E-06				
129	515.50	-3.42E+00	-2.75E+00	-3.13E+00	6.86E-01	4.56E-01	7.94E-01	-2.32E+00	-3.85E+00	58.09	-3.42E+00	6.86E-01	
	320.00	-2.94E-05	-3.48E-06	-1.82E-05	5.28E-05	3.51E-05	6.11E-05	1.30E-05	-4.59E-05				
183	565.50	-1.97E-01	2.43E-01	3.75E-01	-6.74E+00	-1.92E+00	5.25E+00	6.77E+00	-6.72E+00	-45.94	-1.97E-01	-6.74E+00	
	-8.00	-1.22E-05	4.73E-06	9.80E-06	-5.19E-04	-1.48E-04	4.04E-04	2.56E-04	-2.63E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.7664E+02	.4789E+03	-.3377E+02	-.6876E+02	-.1534E+03	.1055E+03
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.9587E+01	-.4171E+01	-.1832E+01	-.6425E+02	.4152E+02	.5594E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.8189E+01	.1336E+01	-.7987E+00	-.1048E+03	.9226E+02	.1025E+03
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.1155E+02	-.2644E+01	-.1411E+00	-.1471E+03	.1450E+03	.1500E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.1277E+02	.1871E+01	-.1735E+00	-.1895E+03	.1973E+03	.2021E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1014E+01	.1226E+01	-.7567E+00	-.2534E+03	.2508E+03	.2649E+03
25	-.2338E+02	-.4766E+01	-.1515E+00	-.3151E+03	.2764E+03	.3264E+03
26	.1133E+02	.9878E+00	.4326E-01	-.3417E+03	.2926E+03	.3715E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1540E+03	.2967E+02	-.5156E+01	-.3506E+03	.4056E+03	.4080E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00
[illegible]	-.2614E+04	-.4545E+03	.1815E+02	-.4936E+03	.1090E+04	.4464E+03
40	-.1835E+04	-.2485E+03	-.3537E+01	-.3652E+03	.1076E+04	.5924E+03
41	-.1223E+04	-.1649E+03	-.2298E+02	-.4030E+03	.9753E+03	.5137E+03
42	-.2930E+03	-.2180E+02	-.2212E+02	-.3518E+03	.6923E+03	.4477E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.3015E+04	.3967E+03	.1653E+02	-.7942E+02	.1151E+04	-.3408E+03
48	.2618E+04	.3435E+03	.1853E+02	-.1608E+03	.1065E+04	-.2435E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.4389E+04	.6601E+03	.2079E+02	.8387E+02	.7900E+03	-.1010E+04
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.1224E+03	-.1992E+02	.1081E+01	-.4570E+02	.1132E+04	-.3211E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.3005E+04	.4562E+03	.2061E+02	.2306E+02	.6363E+03	-.9486E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2105E+04	.3207E+03	.2759E+02	.2545E+02	.5954E+03	-.9218E+03
66	.7052E+03	.1099E+03	.3466E+02	.3589E+02	.4892E+03	-.9604E+03
67	-.1450E+04	-.2142E+03	.3469E+02	.3325E+02	.3795E+03	-.9584E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2580E+04	-.3842E+03	.2908E+02	-.8543E+02	.2832E+03	-.9617E+03
76	.2801E+03	.4372E+02	.1994E+02	-.1225E+03	.1576E+03	-.9748E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1084E+04	-.1623E+03	.1460E+02	-.1474E+03	.4602E+01	-.9408E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.4574E+03	.6806E+02	.1042E+02	-.2097E+03	-.8812E+02	-.9185E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.4343E+03	-.5702E+02	.9293E+01	-.1628E+03	-.2183E+03	-.8482E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.4195E+03	.6012E+02	.7769E+01	-.1423E+03	-.2955E+03	-.7740E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.4797E+03	-.7567E+02	.7901E+01	-.1439E+03	-.4051E+03	-.6969E+03
109	.2544E+03	.3825E+02	.6788E+01	-.1461E+03	-.4770E+03	-.6024E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.4010E+03	-.6546E+02	.6579E+01	-.8537E+02	-.5598E+03	-.5021E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.2041E+03	-.3634E+02	.1215E+01	-.4669E+02	-.5969E+03	-.3978E+03
115	-.6823E+02	-.1624E+02	-.5414E+00	-.1207E+02	-.6012E+03	-.2901E+03
116	-.1861E+03	-.3467E+02	-.2397E+01	.1014E+02	-.6284E+03	-.2230E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1946E+03	-.3628E+02	-.4345E+01	-.1902E+02	-.6453E+03	-.1943E+03
119	-.1353E+03	-.2685E+02	-.6306E+01	.5055E+02	-.5875E+03	-.1150E+03
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.3559E+03	-.4595E+02	-.2145E+02	.4490E+02	-.5073E+03	-.6296E+02
122	-.2009E+03	-.2153E+02	-.3569E+02	-.1697E+02	-.4856E+03	-.6070E+02
123	-.2275E+03	-.1409E+02	-.3156E+02	-.1180E+02	-.4277E+03	-.5465E+02
124	-.1659E+03	-.9978E+01	-.2177E+02	-.8231E+01	-.3522E+03	-.4975E+02
125	-.1038E+03	-.4829E+01	-.1597E+02	-.5270E+01	-.2912E+03	-.4509E+02
126	-.3363E+02	.6928E+01	-.1487E+02	-.1494E+01	-.2449E+03	-.4010E+02
127	.2168E+02	.1617E+02	-.1517E+02	.1069E+01	-.2092E+03	-.3376E+02
128	.7617E+02	.2375E+02	-.1448E+02	.7140E+01	-.1361E+03	-.2661E+02
129	.7910E+02	.2057E+02	-.1215E+02	.9886E+01	-.7739E+02	-.2036E+02
130	.5493E+02	.1259E+02	-.8884E+01	.1036E+02	-.3436E+02	-.1604E+02
131	.1445E+02	.2267E+01	-.5983E+01	.8972E+01	-.1133E+02	-.1341E+02
132	-.1622E+01	-.1043E+01	-.4408E+01	.5891E+01	-.1254E+02	-.1160E+02
133	-.2837E+01	-.8731E+00	-.4045E+01	.4039E+01	-.1483E+02	-.9790E+01
134	-.7818E+00	-.2522E+00	-.4041E+01	.3085E+01	-.1265E+02	-.7711E+01
135	-.5375E-02	-.1501E-01	-.4543E+01	.2358E+01	-.8939E+01	-.5681E+01
136	.1407E-01	-.2470E-01	-.6040E+01	.1653E+01	-.5782E+01	-.3790E+01
137	.1171E+00	.3914E-01	-.9493E+01	.1150E+01	-.2608E+01	-.2072E+01
138	-.5195E-01	-.2105E+00	-.1585E+03	.7639E+00	.6896E+00	-.1037E+01
139	-.1530E+00	-.2494E+00	.5307E+02	.1219E+00	-.3710E+00	.3740E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.19248E-01	.93665E-04	-.19258E-01	.00000E+00
3	.34824E-01	.35399E-03	-.34816E-01	.00000E+00
4	.37644E-01	.36400E-03	-.37563E-01	.00000E+00
5	.40485E-01	-.13361E-04	-.40500E-01	.00000E+00
6	.45351E-01	.13524E-05	-.45346E-01	.11168E-04
7	.41907E-01	.84992E-03	-.42409E-01	.00000E+00
8	.45460E-01	.64731E-03	-.45601E-01	.21559E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.19047E-01	.25937E-03	-.19183E-01	.00000E+00
11	.34938E-01	.54366E-03	-.35370E-01	.00000E+00
12	.38796E-01	.64515E-03	-.39322E-01	.00000E+00
13	.41384E-01	.50945E-03	-.42127E-01	.00000E+00
14	.45713E-01	.70321E-03	-.46280E-01	.60292E-05
15	.42355E-01	.13707E-02	-.44041E-01	.00000E+00
16	.46085E-01	.11754E-02	-.47393E-01	-.94110E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.19171E-01	.42723E-03	-.19820E-01	.00000E+00
19	.35505E-01	.84366E-03	-.36883E-01	.00000E+00
20	.39823E-01	.10490E-02	-.41187E-01	.00000E+00

	.47789E-01	.77535E-03	-.44274E-01	.00000E+00
	.46501E-01	.93097E-03	-.48964E-01	.11193E-05
23	.43303E-01	.21584E-02	-.47504E-01	.00000E+00
24	.47231E-01	.19265E-02	-.51023E-01	.17744E-04
25	.47694E-01	.22594E-02	-.52359E-01	.11635E-05
26	.47947E-01	.23226E-02	-.53154E-01	.49713E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.19042E-01	.83541E-03	-.20177E-01	.00000E+00
29	.36070E-01	.16559E-02	-.38141E-01	.00000E+00
30	.40235E-01	.19431E-02	-.43246E-01	.00000E+00
31	.44149E-01	.22375E-02	-.49016E-01	.00000E+00
32	.49225E-01	.26360E-02	-.54035E-01	.48879E-04
33	.43985E-01	.32135E-02	-.47929E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.18031E-01	.11578E-02	-.20094E-01	.00000E+00
36	.36217E-01	.20435E-02	-.38205E-01	.00000E+00
37	.40651E-01	.22373E-02	-.42940E-01	.00000E+00
38	.45205E-01	.29292E-02	-.49591E-01	.00000E+00
39	.48777E-01	.37197E-02	-.55559E-01	-.22769E-04
40	.49690E-01	.38570E-02	-.55207E-01	.67893E-05
41	.48607E-01	.36785E-02	-.54880E-01	.25955E-04
42	.49449E-01	.32576E-02	-.54506E-01	.42912E-04
43	.39312E-01	.29076E-02	-.41238E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.17222E-01	.21479E-03	-.17753E-01	.00000E+00
46	.35708E-01	.19169E-02	-.35762E-01	.00000E+00
47	.48819E-01	.35382E-02	-.55687E-01	-.23533E-04
48	.49907E-01	.36994E-02	-.55676E-01	-.34792E-04
49	.45135E-01	.30052E-02	-.49136E-01	.00000E+00
50	.49248E-01	.36348E-02	-.55865E-01	-.10689E-03
51	.45341E-01	.32662E-02	-.47484E-01	.00000E+00
52	.50919E-01	.33444E-02	-.51994E-01	.00000E+00
53	.48849E-01	.34396E-02	-.55730E-01	-.68324E-05
54	.39580E-01	.20147E-02	-.37894E-01	.00000E+00
55	.44435E-01	.27031E-02	-.41592E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.14609E-01	.17129E-02	-.12188E-01	.00000E+00
58	.31328E-01	.12003E-02	-.22969E-01	.00000E+00
59	.51602E-01	.26340E-02	-.48333E-01	.00000E+00
60	.50879E-01	.31755E-02	-.50224E-01	.00000E+00
61	.49663E-01	.37028E-02	-.55989E-01	-.16603E-03
62	.36946E-01	.10417E-02	-.27747E-01	.00000E+00
63	.42759E-01	.11021E-02	-.34528E-01	.00000E+00
64	.51855E-01	.33184E-02	-.52690E-01	.00000E+00
65	.50226E-01	.37106E-02	-.56104E-01	-.20696E-03
66	.51625E-01	.37231E-02	-.56335E-01	-.25216E-03
67	.53139E-01	.37326E-02	-.56589E-01	-.24089E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.11331E-01	-.11150E-03	-.65923E-02	.00000E+00
70	.32750E-01	.39411E-03	-.21306E-01	.00000E+00
71	.42750E-01	.10761E-02	-.39104E-01	.00000E+00
72	.53215E-01	.31710E-02	-.52635E-01	.00000E+00
73	.40261E-01	.51303E-03	-.22957E-01	.00000E+00
74	.56464E-01	.32299E-02	-.54998E-01	.00000E+00
75	.54429E-01	.37404E-02	-.56808E-01	-.18406E-03
76	.56178E-01	.38063E-02	-.57271E-01	-.12978E-03
77	.46652E-01	.24302E-03	-.29678E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.13382E-01	.55595E-03	-.79732E-02	.00000E+00
80	.30952E-01	-.20028E-03	-.17063E-01	.00000E+00
81	.34046E-01	-.28319E-03	-.18124E-01	.00000E+00
82	.38436E-01	-.44718E-03	-.23759E-01	.00000E+00
83	.55409E-01	.91749E-03	-.43147E-01	.00000E+00
84	.51265E-01	-.74492E-04	-.33095E-01	.00000E+00

86	.58164E-01	.39387E-02	-.57809E-01	-.10415E-03
86	.58527E-01	.33648E-02	-.56860E-01	.00000E+00
87	.44490E-01	-.22117E-03	-.26220E-01	.00000E+00
88	.58339E-01	.25327E-02	-.50462E-01	.00000E+00
89	.58540E-01	.39241E-02	-.58370E-01	-.83939E-04
90	.34095E-01	-.32161E-03	-.57946E-02	.00000E+00
91	.36874E-01	-.64540E-03	-.78354E-02	.00000E+00
92	.39340E-01	-.11670E-03	-.89444E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.14284E-01	.00000E+00	-.14134E-02	.00000E+00
95	.26514E-01	.00000E+00	-.25511E-02	.00000E+00
96	.30655E-01	.00000E+00	-.35223E-02	.00000E+00
97	.31886E-01	.00000E+00	-.24490E-02	.00000E+00
98	.31106E-01	.00000E+00	-.19385E-02	.00000E+00
99	.34601E-01	-.65480E-05	-.32134E-02	.00000E+00
100	.44532E-01	-.44173E-04	-.14805E-01	.00000E+00
101	.55069E-01	.85314E-03	-.32528E-01	.00000E+00
102	.61660E-01	.40188E-02	-.59137E-01	-.75205E-04
103	.56105E-01	.13564E-02	-.43685E-01	.00000E+00
104	.62463E-01	.37717E-02	-.58013E-01	.00000E+00
105	.63133E-01	.40756E-02	-.59808E-01	-.63955E-04
106	.61029E-01	.16724E-02	-.49324E-01	.00000E+00
107	.64809E-01	.38921E-02	-.59352E-01	.00000E+00
108	.64798E-01	.41313E-02	-.60404E-01	-.60943E-04
109	.66013E-01	.41718E-02	-.60908E-01	-.51932E-04
110	.64820E-01	.36516E-02	-.52227E-01	.00000E+00
111	.67464E-01	.44422E-02	-.60766E-01	.00000E+00
112	.67322E-01	.42140E-02	-.61291E-01	-.46383E-04
113	.66875E-01	.33134E-02	-.55567E-01	.00000E+00
114	.68045E-01	.41780E-02	-.61588E-01	-.16360E-04
115	.68237E-01	.41730E-02	-.61758E-01	-.24618E-05
116	.68179E-01	.40241E-02	-.61814E-01	.97028E-05
117	.67832E-01	.46861E-02	-.62334E-01	.00000E+00
118	.68004E-01	.40791E-02	-.61822E-01	.19321E-04
119	.67494E-01	.40423E-02	-.61789E-01	.31179E-04
120	.68510E-01	.42174E-02	-.62203E-01	.00000E+00
121	.66544E-01	.39553E-02	-.61673E-01	.50695E-04
122	.66440E-01	.35364E-02	-.61754E-01	.60090E-04
123	.66287E-01	.31498E-02	-.61811E-01	.67529E-04
124	.66114E-01	.27149E-02	-.61870E-01	.76070E-04
125	.65894E-01	.22229E-02	-.61927E-01	.86181E-04
126	.65439E-01	.12881E-02	-.62022E-01	.97738E-04
127	.64964E-01	.29244E-03	-.62113E-01	.98982E-04
128	.64059E-01	-.17280E-02	-.62298E-01	.80660E-04
129	.63438E-01	-.32105E-02	-.62466E-01	.53343E-04
130	.63072E-01	-.41655E-02	-.62649E-01	.21600E-04
131	.63065E-01	-.42398E-02	-.62927E-01	-.12207E-04
132	.63327E-01	-.34217E-02	-.63173E-01	-.20774E-04
133	.63558E-01	-.25946E-02	-.63390E-01	-.16351E-04
134	.63696E-01	-.19752E-02	-.63566E-01	-.12057E-04
135	.63784E-01	-.14319E-02	-.63708E-01	-.10474E-04
136	.63847E-01	-.10293E-02	-.63812E-01	-.10661E-04
137	.63884E-01	-.57526E-03	-.63874E-01	-.10535E-04
138	.63909E-01	-.88279E-04	-.63910E-01	-.11277E-04
139	.63909E-01	-.10370E-04	-.63909E-01	-.10912E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72	[illegible].77E-02	7.60E-02	2.18E-02	2.35E+00	8.49E-03	[illegible]E+00	2.39E+00	-2.30E+00	45.36	1.77E-02	2.

	-303.[illegible]	[illegible]4.95E-07	1.54E-06	-5.10E-07	2.13E-04	7.71E-07	[illegible]5E-04	1.07E-04	-1.06E-04				
2	72.0[illegible]	2.61E-02	5.54E-02	-1.09E-02	1.94E+00	3.51E-03	[illegible]9E+00	2.00E+00	-1.87E+00	45.54	2.61E-02	1.94[illegible]	
	-213.00	-3.02E-07	3.03E-06	-1.99E-06	1.76E-04	3.19E-07	-1.81E-04	5.94E-05	-8.67E-05				
3	72.00	2.69E-01	1.17E-01	-5.69E-02	1.26E+00	-1.10E-01	-1.37E+00	1.46E+00	-1.07E+00	43.27	2.69E-01	1.26E+00	
	-138.00	4.40E-06	9.22E-07	-3.02E-06	5.73E-05	-5.01E-06	-6.24E-05	3.14E-05	-2.60E-05				
4	24.00	1.48E+00	8.50E-01	1.05E+00	2.31E+00	-3.88E-01	-2.52E+00	3.50E+00	-1.17E+00	41.12	1.48E+00	2.31E+00	
	-68.00	1.97E-05	-4.10E-06	3.35E-06	1.78E-04	-2.99E-05	-1.94E-04	9.73E-05	-8.21E-05				
5	72.00	-5.50E-01	-2.71E-01	-5.94E-01	1.04E+00	5.61E-02	-1.12E+00	6.42E-01	-1.46E+00	48.80	-2.71E-01	-1.04E+00	
	-88.00	-5.59E-06	5.12E-06	-7.30E-06	8.03E-05	4.32E-06	-8.61E-05	4.02E-05	-4.07E-05				
6	120.00	-3.13E-01	-3.36E-01	-4.19E-01	1.95E+00	1.09E-01	-1.95E+00	1.63E+00	-2.27E+00	44.84	1.59E+00	-3.62E-01	
	-68.00	-3.23E-07	-1.14E-06	-4.39E-06	1.50E-04	8.30E-06	-1.50E-04	7.43E-05	-7.57E-05				
7	36.25	5.18E-01	1.94E-01	1.23E-01	1.08E+00	-1.39E-01	-1.03E+00	1.45E+00	-7.37E-01	40.74	4.80E-01	1.09E+00	
	-19.00	1.07E-05	-1.71E-06	-4.44E-06	8.31E-05	-1.07E-05	-7.94E-05	4.65E-05	-3.75E-05				
8	108.00	-5.51E-02	-9.54E-02	-1.82E-01	8.03E-01	7.60E-03	-9.05E-01	7.28E-01	-8.79E-01	44.28	-5.51E-02	8.03E-01	
	-19.00	1.53E-06	-1.59E-08	-3.34E-06	6.18E-05	5.85E-07	-6.96E-05	3.17E-05	-3.01E-05				
9	216.00	1.56E-01	2.30E-01	1.26E-01	2.34E+00	-1.43E-02	-2.39E+00	2.54E+00	-2.15E+00	45.45	1.56E-01	2.34E+00	
	-303.00	4.29E-07	3.81E-06	-9.09E-07	2.13E-04	-1.30E-06	-2.17E-04	1.09E-04	-1.04E-04				
10	216.00	1.99E-01	2.32E-01	8.00E-02	1.99E+00	-4.90E-02	-2.06E+00	2.20E+00	-1.77E+00	45.24	1.99E-01	1.99E+00	
	-213.00	2.40E-06	3.93E-06	-3.01E-06	1.81E-04	-4.46E-06	-1.87E-04	9.35E-05	-8.72E-05				
11	216.00	2.76E-01	1.90E-01	-1.25E-01	1.50E+00	-1.56E-01	-1.59E+00	1.73E+00	-1.27E+00	44.17	2.76E-01	1.50E+00	
	-138.00	4.49E-06	2.52E-06	-4.63E-06	6.81E-05	-7.10E-06	-7.24E-05	3.76E-05	-3.06E-05				
12	168.00	7.40E-01	7.66E-01	4.88E-01	2.26E+00	-3.05E-01	-2.29E+00	3.02E+00	-1.51E+00	45.16	7.40E-01	2.26E+00	
	-68.00	6.55E-06	7.54E-06	-3.13E-06	1.74E-04	-2.35E-05	-1.70E-04	9.41E-05	-8.01E-05				
13	216.00	-7.29E-01	-2.72E-01	-6.81E-01	9.64E-01	2.11E-02	-9.91E-01	4.90E-01	-1.49E+00	51.67	-2.72E-01	-9.64E-01	
	-88.00	-9.57E-06	8.03E-06	-7.70E-06	7.42E-05	1.62E-06	-7.62E-05	3.74E-05	-3.85E-05				
14	264.00	-5.42E-02	-3.10E-01	-3.75E-01	1.92E+00	3.99E-02	-2.01E+00	1.74E+00	-2.11E+00	43.10	1.69E+00	-4.72E-01	
	-68.00	6.03E-06	-3.79E-06	-6.30E-06	1.48E-04	3.07E-06	-1.54E-04	7.52E-05	-7.29E-05				
15	180.00	1.94E-01	3.30E-02	-1.06E-01	9.67E-01	-2.05E-01	-9.10E-01	1.08E+00	-8.61E-01	42.77	1.84E-01	9.67E-01	
	-19.00	5.86E-06	4.71E-08	-5.29E-06	7.44E-05	-1.58E-05	-7.00E-05	4.03E-05	-3.44E-05				
16	252.00	1.38E-01	-4.08E-02	-2.09E-01	7.66E-01	-7.39E-02	-9.57E-01	8.22E-01	-7.25E-01	41.68	1.38E-01	7.68E-01	
	-19.00	6.53E-06	-3.42E-07	-6.80E-06	5.91E-05	-5.69E-06	-7.36E-05	3.28E-05	-2.67E-05				
17	361.00	2.25E-01	3.89E-01	2.08E-01	2.35E+00	1.57E-04	-2.45E+00	2.66E+00	-2.04E+00	46.00	2.25E-01	2.35E+00	
	-303.00	-4.43E-07	7.01E-06	-1.24E-06	2.14E-04	1.43E-08	-2.23E-04	1.10E-04	-1.04E-04				
18	361.00	2.43E-01	3.62E-01	1.30E-01	2.06E+00	-2.10E-02	-2.17E+00	2.39E+00	-1.78E+00	45.82	2.43E-01	2.08E+00	
	-213.00	1.49E-06	6.90E-06	-3.62E-06	1.90E-04	-1.90E-06	-1.97E-04	9.90E-05	-9.06E-05				
19	361.00	3.00E-01	2.79E-01	-1.46E-01	1.64E+00	-1.27E-01	-1.81E+00	1.93E+00	-1.35E+00	44.82	3.00E-01	1.64E+00	
	-138.00	4.54E-06	4.07E-06	-5.59E-06	7.44E-05	-5.77E-06	-8.22E-05	4.15E-05	-3.29E-05				
20	312.00	1.31E+00	1.18E+00	8.02E-01	2.59E+00	-5.14E-01	-2.75E+00	3.84E+00	-1.35E+00	44.32	1.31E+00	2.59E+00	
	-68.00	1.41E-05	9.34E-06	-5.33E-06	1.99E-04	-3.95E-05	-2.12E-04	1.11E-04	-8.80E-05				
21	360.67	-1.20E+00	-7.04E-01	-1.06E+00	1.28E+00	1.19E-01	-1.45E+00	3.51E-01	-2.26E+00	50.52	-7.04E-01	-1.28E+00	
	-88.00	-1.37E-05	5.56E-06	-8.21E-06	9.85E-05	9.17E-06	-1.12E-04	4.61E-05	-5.42E-05				
22	409.33	7.99E-01	1.07E+00	4.79E-01	2.46E+00	4.06E-03	-3.05E+00	3.39E+00	-1.54E+00	46.62	3.36E+00	-3.72E-01	
	-68.00	4.67E-06	1.54E-05	-7.23E-06	1.89E-04	3.12E-07	-2.35E-04	1.05E-04	-8.48E-05				
23	324.00	4.06E-01	9.05E-02	-1.20E-01	1.02E+00	-3.64E-01	-9.78E-01	1.29E+00	-7.85E-01	40.62	4.06E-01	1.02E+00	
	-19.00	1.15E-05	-6.59E-07	-8.76E-06	7.88E-05	-2.80E-05	-7.52E-05	4.53E-05	-3.45E-05				
24	372.00	2.25E-01	-2.21E-01	-3.61E-01	2.56E+00	-3.53E-01	-2.74E+00	2.57E+00	-2.57E+00	42.51	2.25E-01	2.56E+00	
	-5.33	1.26E-05	-4.60E-06	-9.95E-06	1.97E-04	-2.72E-05	-2.11E-04	1.03E-04	-9.49E-05				
25	401.25	1.46E-01	-1.22E-02	-3.42E-01	8.54E-01	-1.08E-01	-1.16E+00	9.24E-01	-7.90E-01	42.36	-6.63E-01	4.49E-01	
	-19.00	7.90E-06	1.83E-06	-1.09E-05	6.57E-05	-8.34E-06	-8.90E-05	3.78E-05	-2.81E-05				
26	427.67	1.39E+00	1.37E+00	7.74E-01	2.93E+00	-4.86E-01	-3.92E+00	4.31E+00	-1.55E+00	44.90	3.12E+00	2.35E+00	
	-9.33	1.46E-05	1.39E-05	-9.04E-06	2.25E-04	-3.74E-05	-3.02E-04	1.27E-04	-9.84E-05				
27	457.00	2.78E-01	5.72E-01	3.00E-01	2.35E+00	2.44E-02	-2.47E+00	2.78E+00	-1.93E+00	46.79	2.78E-01	2.35E+00	
	-303.00	-2.29E-06	1.11E-05	-1.31E-06	2.14E-04	2.21E-06	-2.25E-04	1.12E-04	-1.03E-04				
28	457.00	2.16E-01	4.40E-01	1.53E-01	2.19E+00	4.11E-02	-2.24E+00	2.52E+00	-1.86E+00	46.46	2.16E-01	2.19E+00	
	-213.00	-6.95E-07	9.48E-06	-3.53E-06	1.99E-04	3.74E-06	-2.04E-04	1.04E-04	-9.52E-05				
29	457.00	4.07E-01	3.57E-01	-6.23E-02	1.76E+00	1.70E-01	-1.90E+00	2.14E+00	-1.38E+00	44.59	4.07E-01	1.76E+00	
	-138.00	5.57E-06	4.43E-06	-5.09E-06	8.00E-05	7.73E-06	-8.63E-05	4.50E-05	-3.50E-05				
30	442.00	8.35E-01	1.37E+00	8.38E-01	2.97E+00	1.35E-01	-3.14E+00	4.37E+00	-1.66E+00	49.94	8.35E-01	2.97E+00	
	-68.00	-6.82E-06	3.30E-05	-6.70E-06	2.29E-04	1.04E-05	-2.41E-04	1.29E-04	-1.03E-04				
31	457.33	-3.46E+00	-1.39E+00	-2.12E+00	1.03E+00	1.65E+00	-1.71E+00	-9.60E-01	-3.89E+00	67.63	-1.39E+00	-1.03E+00	
	-88.00	-5.66E-05	2.32E-05	-5.01E-06	7.91E-05	1.27E-04	-1.32E-04	3.95E-05	-7.29E-05				
32	472.67	5.99E+00	5.50E+00	4.42E+00	2.53E+00	-9.19E-01	-4.03E+00	8.29E+00	3.21E+00	42.27	7.56E+00	1.77E+00	
	-68.00	5.54E-05	3.43E-05	-4.84E-06	1.94E-04	-7.07E-05	-3.10E-04	1.44E-04	-5.15E-05				
33	442.00	5.68E-01	5.46E-01	4.14E-02	1.54E+00	-1.44E-01	-1.55E+00	2.10E+00	-9.85E-01	44.80	5.68E-01	1.54E+00	

	-19.50	9.15E-06	8.31E-06	-1.11E-05	1.19E-04	-1.10E-05	-1.19E-04	6.81E-05	-5.06E-05				
34	454.00	4.81E+00	3.44E+00	3.15E+00	3.79E+00	-1.11E+00	-5.02E+00	8.15E+00	5.01E-01	41.35	6.33E+00	3.26E+00	
	-11.33	5.85E-05	1.30E-05	-8.69E-06	2.92E-04	-8.57E-05	-3.86E-04	1.84E-04	-1.10E-04				
35	461.67	1.67E+00	2.24E+00	1.25E+00	3.55E+00	-2.75E-01	-5.19E+00	5.55E+00	-1.64E+00	47.26	1.67E+00	3.58E+00	
	-12.00	7.58E-06	2.93E-05	-8.54E-06	2.75E-04	-2.12E-05	-3.09E-04	1.57E-04	-1.20E-04				
36	469.00	-2.84E+00	-9.26E-01	-1.85E+00	3.69E-01	1.41E+00	-2.11E+00	-8.58E-01	-2.91E+00	79.47	-9.26E-01	-3.69E-01	
	-30.00	-4.75E-05	2.60E-05	-9.35E-06	2.83E-05	1.14E-04	-1.62E-04	2.87E-05	-5.02E-05				
37	476.33	2.70E+00	3.78E+00	2.26E+00	2.47E+00	-2.97E-01	-4.31E+00	5.76E+00	7.13E-01	51.13	3.71E+00	2.48E+00	
	-12.00	7.95E-06	4.92E-05	-9.21E-06	1.90E-04	-2.28E-05	-3.31E-04	1.26E-04	-6.85E-05				
38	558.50	-3.80E-02	2.43E-01	5.71E-02	2.17E+00	9.09E-02	-2.32E+00	2.28E+00	-2.07E+00	46.85	-3.80E-02	2.17E+00	
	-303.00	-5.12E-06	7.63E-06	-8.03E-07	1.97E-04	9.26E-06	-2.11E-04	1.00E-04	-9.76E-05				
39	558.50	1.12E-01	5.77E-01	2.23E-01	2.15E+00	1.67E-01	-2.23E+00	2.51E+00	-1.82E+00	48.08	1.12E-01	2.15E+00	
	-213.00	-6.74E-06	1.44E-05	-1.72E-06	1.96E-04	1.70E-05	-2.03E-04	1.02E-04	-9.47E-05				
40	506.17	-1.11E-01	1.29E+00	1.30E-01	4.78E+00	5.63E-01	-4.67E+00	5.42E+00	-4.24E+00	49.18	-1.11E-01	4.78E+00	
	-128.00	-9.41E-06	2.25E-05	-3.93E-06	2.17E-04	2.56E-05	-2.12E-04	1.16E-04	-1.03E-04				
41	558.50	-1.75E+00	8.07E-01	-2.87E-01	2.14E+00	1.45E+00	-3.09E+00	2.02E+00	-2.96E+00	60.42	8.07E-01	-2.14E+00	
	-148.00	-3.33E-05	2.48E-05	-9.53E-08	9.72E-05	6.61E-05	-1.40E-04	5.23E-05	-6.08E-05				
42	610.83	3.24E-01	1.38E+00	5.06E-01	4.13E+00	9.39E-01	-3.64E+00	5.02E+00	-3.31E+00	48.64	4.98E+00	-5.75E-01	
	-128.00	-4.23E-06	1.98E-05	-8.71E-08	1.88E-04	4.27E-05	-1.66E-04	1.02E-04	-8.69E-05				
43	501.38	-4.65E-01	7.93E-02	-3.72E-01	1.10E+00	5.23E-01	-1.38E+00	9.39E-01	-1.33E+00	51.96	-4.65E-01	1.10E+00	
	-78.00	-9.56E-06	1.14E-05	-5.98E-06	8.45E-05	4.02E-05	-1.06E-04	4.45E-05	-4.26E-05				
44	534.67	8.02E-01	1.08E+00	6.63E-01	3.53E+00	3.33E-01	-4.49E+00	4.48E+00	-2.59E+00	46.13	4.44E+00	-4.76E-01	
	-68.00	2.88E-06	1.36E-05	-2.48E-06	2.72E-04	2.56E-05	-3.45E-04	1.44E-04	-1.28E-04				
45	584.67	-5.73E-01	-5.13E-02	-3.32E-01	3.24E+00	1.01E+00	-2.85E+00	2.94E+00	-3.56E+00	47.30	-5.73E-01	3.24E+00	
	-68.00	-1.15E-05	8.55E-06	-2.27E-06	2.49E-04	7.73E-05	-2.19E-04	1.24E-04	-1.26E-04				
46	610.83	-3.37E+00	-5.62E-01	-1.47E+00	1.77E+00	1.69E+00	-2.37E+00	2.89E-01	-4.23E+00	64.26	-5.62E-01	-1.77E+00	
	-88.00	-7.03E-05	3.78E-05	2.76E-06	1.36E-04	1.30E-04	-1.82E-04	7.06E-05	-1.03E-04				
47	482.63	-3.80E-02	3.89E-01	-2.75E-01	7.98E-01	4.60E-01	-1.59E+00	1.00E+00	-6.51E-01	52.48	-3.80E-02	7.98E-01	
	-21.00	-2.29E-06	1.41E-05	-1.14E-05	6.14E-05	3.54E-05	-1.22E-04	3.77E-05	-2.59E-05				
48	485.83	1.61E+00	2.42E+00	1.31E+00	2.28E+00	6.66E-02	-4.81E+00	4.33E+00	-3.01E-01	50.00	1.91E+00	2.31E+00	
	-12.00	3.34E-06	3.43E-05	-8.24E-06	1.76E-04	5.13E-06	-3.70E-04	1.08E-04	-7.03E-05				
49	507.88	2.71E-02	1.16E-01	-2.99E-01	8.66E-01	3.16E-01	-1.76E+00	9.38E-01	-7.95E-01	46.47	2.71E-02	8.66E-01	
	-21.00	2.76E-06	6.17E-06	-9.79E-06	6.66E-05	2.43E-05	-1.36E-04	3.78E-05	-2.89E-05				
50	538.67	7.66E-01	6.80E-01	4.33E-01	3.11E+00	1.25E+00	-3.82E+00	3.83E+00	-2.38E+00	44.60	3.81E+00	-3.43E-01	
	-10.00	8.81E-06	5.50E-06	-3.98E-06	2.39E-04	9.58E-05	-2.94E-04	1.27E-04	-1.12E-04				
51	484.67	-9.74E+00	-6.70E+00	-7.09E+00	-1.92E-01	7.63E-01	-5.05E-01	-6.69E+00	-9.75E+00	-86.40	-6.70E+00	1.92E-01	
	8.00	-1.16E-04	8.87E-07	-1.42E-05	-1.48E-05	5.87E-05	-3.88E-05	1.35E-06	-1.16E-04				
52	507.00	2.40E+00	2.90E+00	1.73E+00	1.59E+00	5.80E-01	1.70E+00	4.26E+00	1.04E+00	49.44	3.92E+00	1.00E+00	
	9.00	1.51E-05	3.42E-05	-1.06E-05	1.23E-04	4.46E-05	1.31E-04	8.67E-05	-3.74E-05				
53	603.00	7.35E-02	8.68E-02	1.34E-01	1.27E+00	6.98E-01	-1.22E+00	1.35E+00	-1.19E+00	45.15	-7.17E-01	9.89E-01	
	-18.00	-4.07E-07	1.05E-07	1.92E-06	9.77E-05	5.37E-05	-9.36E-05	4.87E-05	-4.90E-05				
54	712.00	-7.45E-02	3.53E-01	1.32E-01	2.00E+00	1.97E-01	-1.84E+00	2.15E+00	-1.87E+00	48.05	-7.45E-02	2.00E+00	
	-303.00	-8.71E-06	1.07E-05	6.64E-07	1.82E-04	1.79E-05	-1.67E-04	9.24E-05	-9.04E-05				
55	712.00	-1.09E+00	-4.32E-01	-4.99E-01	2.18E+00	6.34E-01	-1.78E+00	1.44E+00	-2.97E+00	49.29	-1.09E+00	2.18E+00	
	-213.00	-2.33E-05	6.61E-06	3.58E-06	1.98E-04	5.76E-05	-1.62E-04	9.19E-05	-1.09E-04				
56	712.00	-1.59E+00	-5.88E-01	-2.69E-01	1.62E+00	1.53E+00	-1.31E+00	6.01E-01	-2.78E+00	53.65	-1.59E+00	1.62E+00	
	-138.00	-2.34E-05	-5.06E-07	6.74E-06	7.34E-05	6.97E-05	-5.98E-05	2.65E-05	-5.04E-05				
57	712.00	-3.95E-01	1.40E-01	1.79E-01	1.04E+00	6.46E-01	-1.17E+00	9.51E-01	-1.21E+00	52.20	-3.95E-01	1.04E+00	
	-78.00	-1.44E-05	6.24E-06	7.71E-06	8.03E-05	4.97E-05	-8.97E-05	3.74E-05	-4.55E-05				
58	712.00	-5.02E-01	-2.17E-01	3.16E-02	1.40E+00	5.92E-01	-1.26E+00	1.04E+00	-1.76E+00	47.91	-5.02E-01	1.40E+00	
	-18.00	-1.16E-05	-7.92E-07	8.77E-06	1.07E-04	4.55E-05	-9.69E-05	4.77E-05	-6.03E-05				
59	837.00	-5.59E+00	-3.03E+00	-3.45E+00	1.66E+00	8.94E-01	-1.49E+00	-2.21E+00	-6.41E+00	63.83	-3.03E+00	-1.66E+00	
	-318.00	-9.74E-05	1.90E-05	.00E+00	1.51E-04	8.13E-05	-1.35E-04	5.61E-05	-1.34E-04				
60	887.00	-7.14E-01	1.31E-01	-2.33E-01	4.42E+00	4.10E-01	-3.10E+00	4.15E+00	-4.73E+00	47.73	3.81E+00	-1.71E+00	
	-288.00	-2.19E-05	1.66E-05	.00E+00	4.02E-04	3.73E-05	-2.82E-04	1.99E-04	-2.05E-04				
61	997.00	1.07E+00	8.44E-01	7.65E-01	4.45E+00	-1.01E-01	-2.59E+00	5.41E+00	-3.50E+00	44.29	1.07E+00	4.45E+00	
	-288.00	1.37E-05	3.70E-06	.00E+00	4.05E-04	-9.21E-06	-2.35E-04	2.11E-04	-1.94E-04				
62	1037.00	-5.34E+00	-3.11E+00	-3.38E+00	3.23E+00	5.85E-01	-1.95E+00	-8.09E-01	-7.65E+00	54.54	-3.11E+00	-3.23E+00	
	-318.00	-8.92E-05	1.24E-05	.00E+00	2.94E-04	5.32E-05	-1.77E-04	1.17E-04	-1.94E-04				
63	862.00	-6.61E-02	6.92E-02	2.42E-01	2.23E+00	1.80E-01	-1.57E+00	2.24E+00	-2.23E+00	45.87	-6.61E-02	2.23E+00	
	-213.00	-6.19E-06	-3.01E-08	7.82E-06	2.03E-04	1.64E-05	-1.43E-04	9.85E-05	-1.05E-04				
64	1012.00	[illegible]57E-01	3.15E-01	5.38E-01	2.38E+00	8.83E-03	[illegible]E+00	2.72E+00	-2.04E+00	44.75	3.57E-01	2.38E+[illegible]	
	-213.0[illegible]	[illegible]12E-07	-1.39E-06	8.74E-06	2.16E-04	8.03E-07	[illegible]-04	1.08E-04	-1.09E-04				
65	837	[illegible].30E-01	-4.59E-02	6.68E-01	1.73E+00	1.13E+00	[illegible]+00	1.54E+00	-1.92E+00	47.32	-4.99E-02	-1.7[illegible]	

	-148.00	[illegible]02E-06	-2.64E-06	1.37E-05	7.86E-05	5.14E-05	[illegible]-05	3.36E-05	-4.52E-05					
66	937.00	[illegible].70E-01	1.72E-02	5.03E-01	2.92E+00	4.37E-01	-[illegible]E+00	2.75E+00	-3.11E+00	46.89	1.98E+00	-1.98E+[illegible]		
	-128.00	-9.67E-06	-8.69E-07	1.22E-05	1.33E-04	1.99E-05	-8.19E-05	6.13E-05	-7.16E-05					
67	1037.00	-2.92E+00	-5.62E-01	-2.04E-01	2.68E+00	1.11E+00	-2.33E+00	1.37E+00	-4.85E+00	56.14	-5.62E-01	-2.08E+00		
	-148.00	-4.64E-05	6.58E-06	1.33E-05	1.31E-04	5.04E-05	-1.06E-04	5.08E-05	-9.05E-05					
68	837.00	-1.08E+00	-8.17E-01	-3.57E-01	3.19E+00	8.60E-01	-1.92E+00	2.24E+00	-4.14E+00	46.16	-1.08E+00	3.19E+00		
	-68.00	-1.66E-05	-6.70E-06	1.10E-05	2.45E-04	6.62E-05	-1.47E-04	1.11E-04	-1.34E-04					
69	937.00	-1.19E+00	3.75E-01	2.92E-01	1.87E+00	8.23E-01	-1.57E+00	1.62E+00	-2.44E+00	56.36	3.75E-01	-1.87E+00		
	-68.00	-4.01E-05	2.02E-05	1.70E-05	1.44E-04	6.33E-05	-1.21E-04	6.80E-05	-8.79E-05					
70	1037.00	2.73E-01	8.01E-01	9.89E-01	3.17E+00	-2.69E-01	-3.49E+00	3.71E+00	-2.64E+00	47.39	2.91E+00	-2.11E+00		
	-68.00	-1.22E-05	8.15E-06	1.54E-05	2.43E-04	-2.07E-05	-2.68E-04	1.70E-04	-1.24E-04					
71	862.00	-7.84E-01	-3.65E-01	1.02E-01	1.39E+00	7.09E-01	-1.23E+00	8.30E-01	-1.96E+00	49.30	-7.84E-01	1.39E+00		
	-18.00	-1.87E-05	-2.52E-06	1.54E-05	1.07E-04	5.46E-05	-9.50E-05	4.34E-05	-6.46E-05					
72	1012.00	3.51E-01	5.12E-01	9.68E-01	1.50E+00	-1.07E-01	-9.95E-01	1.94E+00	-1.07E+00	46.54	3.51E-01	1.50E+00		
	-18.00	-6.63E-06	-4.17E-07	1.71E-05	1.16E-04	-8.25E-06	-7.65E-05	8.44E-05	-6.14E-05					
73	1387.00	3.30E-01	3.82E-01	3.86E-01	1.69E+00	2.39E-02	-5.75E-01	2.04E+00	-1.33E+00	45.44	3.30E-01	1.69E+00		
	-303.00	7.51E-07	3.09E-06	3.29E-06	1.53E-04	2.17E-06	-5.22E-05	7.85E-05	-7.47E-05					
74	1387.00	7.30E-02	4.29E-02	3.59E-01	1.81E+00	8.20E-02	-6.26E-01	1.87E+00	-1.76E+00	44.76	7.30E-02	1.81E+00		
	-213.00	-2.83E-06	-4.20E-06	1.01E-05	1.65E-04	7.45E-06	-5.69E-05	7.89E-05	-8.60E-05					
75	1387.00	-3.67E-02	2.13E-01	8.86E-01	1.35E+00	2.13E-01	-3.71E-01	1.44E+00	-1.26E+00	47.65	-3.67E-02	1.35E+00		
	-138.00	-6.41E-06	-7.33E-07	1.46E-05	6.12E-05	9.69E-06	-1.68E-05	2.72E-05	-3.43E-05					
76	1187.00	-7.35E-01	-8.10E-01	-9.83E-03	1.92E+00	6.04E-01	2.33E-01	1.30E+00	-2.54E+00	46.67	-7.35E-01	1.92E+00		
	-68.00	-1.45E-05	-8.64E-06	1.34E-05	1.48E-04	4.65E-05	1.79E-05	6.37E-05	-8.41E-05					
77	1387.00	-7.28E-01	-4.94E-01	2.23E-01	1.14E+00	4.28E-01	-7.38E-01	5.32E-01	-1.75E+00	47.94	-4.94E-01	-1.14E+00		
	-88.00	-1.70E-05	-8.02E-06	1.96E-05	8.75E-05	3.29E-05	-5.68E-05	3.15E-05	-5.65E-05					
78	1587.00	3.69E-02	8.96E-02	6.73E-01	1.29E+00	-7.73E-02	-2.72E-02	1.36E+00	-1.23E+00	45.58	5.85E-01	-1.18E+00		
	-68.00	-7.36E-06	-5.34E-06	1.71E-05	9.94E-05	-5.94E-06	-2.09E-06	4.34E-05	-5.61E-05					
79	1237.00	-8.88E-01	-3.05E-01	2.02E-01	1.17E+00	5.45E-01	-4.83E-01	6.07E-01	-1.80E+00	52.01	-8.88E-01	1.17E+00		
	-18.00	-2.33E-05	-8.32E-07	1.87E-05	8.98E-05	4.19E-05	-3.72E-05	3.42E-05	-5.83E-05					
80	1433.80	-5.29E-01	-2.54E-01	4.05E-01	1.37E+00	1.71E-01	-3.22E-01	9.89E-01	-1.77E+00	47.85	-5.29E-01	1.37E+00		
	-8.00	-1.62E-05	-5.63E-06	1.97E-05	1.06E-04	1.32E-05	-2.48E-05	4.22E-05	-6.40E-05					
81	1533.80	-8.47E-01	-2.24E-01	2.70E-01	8.61E-01	7.36E-02	-1.97E-01	3.80E-01	-1.45E+00	54.94	-2.24E-01	-8.61E-01		
	-28.00	-2.38E-05	1.81E-07	1.92E-05	6.62E-05	5.66E-06	-1.51E-05	2.34E-05	-4.70E-05					
82	1633.80	-7.77E-01	-2.10E-01	2.61E-01	2.51E-01	-1.30E-01	5.56E-02	-1.15E-01	-8.72E-01	69.23	-1.15E-01	-2.14E-03		
	-8.00	-2.19E-05	-1.10E-07	1.80E-05	1.93E-05	-1.00E-05	4.28E-06	3.55E-06	-2.56E-05					
83	1433.90	-3.71E+00	-1.60E+00	-1.33E+00	9.53E-01	1.10E+00	-3.08E-01	-1.24E+00	-4.08E+00	68.93	-1.60E+00	-9.53E-01		
	27.60	-6.97E-05	1.13E-05	2.19E-05	7.33E-05	8.48E-05	-2.37E-05	2.54E-05	-8.38E-05					
84	1296.10	-1.29E+00	-1.52E-01	1.94E-01	1.04E+00	5.78E-01	-5.58E-01	4.66E-01	-1.91E+00	59.34	-7.93E-01	-1.19E+00		
	40.70	-3.60E-05	7.89E-06	2.12E-05	8.02E-05	4.44E-05	-4.29E-05	3.17E-05	-5.97E-05					
85	1148.60	-5.69E-01	2.30E-01	5.07E-01	1.26E+00	5.96E-01	1.83E-01	1.15E+00	-1.45E+00	53.81	9.34E-01	7.23E-01		
	57.33	-2.37E-05	7.00E-06	1.76E-05	9.67E-05	4.59E-05	1.40E-05	4.24E-05	-5.91E-05					
86	1131.40	-4.68E+00	-2.25E+00	-1.81E+00	4.64E-01	2.11E+00	7.72E-02	-2.16E+00	-4.77E+00	79.59	-2.25E+00	-4.64E-01		
	112.00	-8.40E-05	9.73E-06	2.63E-05	3.57E-05	1.62E-04	5.94E-06	1.30E-05	-8.73E-05					
87	1010.80	-1.37E+00	-3.24E-01	4.43E-02	1.46E+00	9.37E-01	-2.38E+00	7.02E-01	-2.40E+00	54.89	-3.24E-01	-1.46E+00		
	34.67	-3.47E-05	5.70E-06	1.99E-05	1.12E-04	7.21E-05	-1.83E-04	4.52E-05	-7.42E-05					
88	886.60	-5.86E-01	-1.11E-01	3.19E-01	1.11E+00	4.40E-01	-1.19E+00	7.88E-01	-1.48E+00	51.03	-5.86E-01	1.11E+00		
	46.00	-1.84E-05	-1.17E-07	1.64E-05	8.55E-05	3.39E-05	-9.18E-05	3.45E-05	-5.29E-05					
89	860.80	-3.13E+00	-1.32E+00	-1.01E+00	5.29E-01	1.33E+00	-1.45E-01	-1.17E+00	-3.27E+00	74.86	-1.32E+00	-5.29E-01		
	96.00	-6.03E-05	9.35E-06	2.10E-05	4.07E-05	1.03E-04	-1.11E-05	1.49E-05	-6.58E-05					
90	952.60	-3.85E-01	1.57E+00	1.17E+00	1.80E+00	5.82E-01	-1.28E+00	2.64E+00	-1.46E+00	59.23	2.17E+00	-1.31E+00		
	128.00	-4.07E-05	3.45E-05	1.92E-05	1.39E-04	4.48E-05	-9.84E-05	7.57E-05	-8.20E-05					
91	869.80	-8.96E-01	-2.15E-01	1.59E-01	7.19E-01	6.63E-01	-5.31E-02	2.40E-01	-1.35E+00	57.66	-8.96E-01	7.19E-01		
	160.00	-2.40E-05	2.18E-06	1.66E-05	5.53E-05	5.10E-05	-4.08E-06	1.97E-05	-4.15E-05					
92	869.80	-4.21E+00	-1.32E+00	-1.27E+00	3.64E-01	2.45E+00	-4.69E-01	-1.28E+00	-4.26E+00	82.93	-1.32E+00	-3.64E-01		
	203.60	-8.72E-05	2.39E-05	2.59E-05	2.80E-05	1.89E-04	-3.60E-05	2.56E-05	-8.90E-05					
93	598.67	3.54E-02	1.02E-01	2.54E-01	2.17E+00	1.76E+00	-2.67E+00	2.24E+00	-2.10E+00	45.44	1.02E-01	-2.17E+00		
	16.00	-2.94E-06	-3.70E-07	5.46E-06	1.67E-04	1.35E-04	-2.05E-04	8.18E-05	-8.51E-05					
94	645.75	-3.91E-01	-1.48E-01	9.29E-03	1.39E+00	6.96E-01	-1.19E+00	1.12E+00	-1.66E+00	47.51	-3.91E-01	1.39E+00		
	24.00	-9.23E-06	1.37E-07	6.18E-06	1.07E-04	5.35E-05	-9.16E-05	4.90E-05	-5.81E-05					
95	613.10	-7.65E-01	-1.09E+00	-6.56E-01	2.33E+00	7.94E-01	2.61E-01	1.41E+00	-3.26E+00	43.02	-7.65E-01	2.33E+00		
	69.33	-1.97E-06	-1.43E-05	2.39E-06	1.79E-04	6.11E-05	2.01E-05	8.18E-05	-9.79E-05					
96	708.45	-7.67E-01	-1.28E-01	5.74E-02	1.12E+00	7.22E-01	-8.55E-01	7.20E-01	-1.61E+00	52.95	-8.34E-01	-1.10E+00		
	55.00	-2.03E-05	4.29E-06	1.14E-05	3.64E-05	5.55E-05	-6.52E-05	3.69E-05	-5.29E-05					
97	613.10	-2.38E+00	-9.87E-01	-8.72E-01	6.96E-01	[illegible]96E+00	-9.84E-01	-6.99E-01	-2.67E+00	67.51	-9.87E-01	-6.96E-01		

	96.00	-4.43E-05	2.69E-06	1.28E-05	5.35E-05	1.97E-04	-4.49E-05	1.98E-05	-5.59E-05				
98	682.27	-8.58E-01	-2.15E-01	-9.15E-02	1.46E+00	7.98E-01	-7.46E-01	5.53E-01	-2.03E+00	51.22	7.95E-01	-6.58E-01	
	112.00	-2.11E-05	3.61E-06	1.15E-05	1.12E-04	6.14E-05	-5.74E-05	4.86E-05	-6.61E-05				
99	751.43	-2.51E+00	8.49E-01	-5.23E-02	1.74E+00	1.63E+00	-2.25E+00	1.61E+00	-3.25E+00	67.07	8.69E-01	-1.74E+00	
	96.00	-7.79E-05	5.21E-05	1.64E-05	1.34E-04	1.26E-04	-1.76E-04	8.05E-05	-1.06E-04				
100	683.25	-6.32E-01	-5.00E-03	2.15E-01	5.66E-01	6.20E-01	-8.87E-01	3.29E-01	-9.65E-01	59.48	-6.32E-01	5.66E-01	
	152.00	-1.97E-05	4.44E-06	1.29E-05	4.35E-05	4.77E-05	-6.83E-05	1.73E-05	-3.25E-05				
101	648.67	-3.70E+00	-1.55E+00	-1.48E+00	2.66E-01	1.74E+00	-4.16E-01	-1.51E+00	-3.74E+00	82.76	-1.64E+00	-2.66E-01	
	192.00	-6.74E-05	1.19E-05	1.80E-05	2.05E-05	1.34E-04	-3.20E-05	1.32E-05	-6.87E-05				
102	725.25	-4.81E-01	4.16E-01	5.05E-01	6.59E-01	4.82E-01	-6.80E-01	7.65E-01	-8.30E-01	62.11	5.71E-05	-7.97E-01	
	232.70	-2.33E-05	1.12E-05	1.46E-05	5.07E-05	3.70E-05	-5.30E-05	2.46E-05	-3.67E-05				
103	635.50	-6.56E-01	-8.83E-01	-2.34E-01	-6.59E-02	3.87E-01	4.67E-01	-6.39E-01	-9.05E-01	-14.82	-6.56E-01	-6.59E-02	
	256.00	-5.70E-06	-1.46E-05	1.05E-05	-5.07E-06	2.97E-05	3.60E-05	-5.03E-06	-1.53E-05				
104	625.50	-1.16E+00	-8.26E-01	-1.46E-01	-1.25E-01	1.33E+00	-3.73E-02	-7.84E-01	-1.20E+00	-71.49	-8.26E-01	1.25E-01	
	290.67	-2.11E-05	-8.37E-06	1.78E-05	-9.62E-06	1.02E-04	-2.87E-06	-6.76E-06	-2.27E-05				
105	569.00	4.51E-01	2.07E-01	2.51E-01	2.32E+00	8.77E-01	-2.23E+00	2.65E+00	-1.99E+00	43.50	4.51E-01	2.32E+00	
	16.50	7.35E-06	-2.02E-06	-3.39E-07	1.79E-04	6.74E-05	-1.71E-04	9.20E-05	-8.67E-05				
106	508.50	4.49E+00	3.07E+00	2.94E+00	1.61E+00	2.06E+00	-6.23E-01	5.54E+00	2.02E+00	33.13	3.07E+00	-1.61E+00	
	13.00	5.73E-05	2.70E-06	-2.31E-06	1.24E-04	1.59E-04	-4.80E-05	9.78E-05	-3.78E-05				
107	521.00	1.30E+00	6.84E-01	5.45E-01	2.26E+00	7.09E-01	-1.18E+00	3.27E+00	-1.29E+00	41.14	1.30E+00	2.26E+00	
	15.75	2.22E-05	-1.45E-06	-6.82E-06	1.74E-04	5.45E-05	-9.04E-05	9.81E-05	-7.74E-05				
108	526.25	1.13E+00	5.96E-01	5.03E-01	2.49E+00	6.11E-01	-1.23E+00	3.37E+00	-1.64E+00	41.93	1.13E+00	2.49E+00	
	21.00	1.90E-05	-1.60E-06	-5.15E-06	1.91E-04	4.70E-05	-9.45E-05	1.05E-04	-8.76E-05				
109	515.50	2.80E+00	1.95E+00	1.94E+00	3.05E+00	1.52E+00	-6.29E-01	5.46E+00	-7.09E-01	41.07	1.95E+00	-3.05E+00	
	26.00	3.40E-05	1.58E-06	1.13E-06	2.35E-04	1.17E-04	-4.84E-05	1.36E-04	-1.01E-04				
110	531.50	4.75E-01	3.75E-01	2.75E-01	2.05E+00	4.45E-01	-1.08E+00	2.47E+00	-1.62E+00	44.30	4.75E-01	2.05E+00	
	34.50	5.91E-06	2.05E-06	-1.78E-06	1.58E-04	3.42E-05	-8.33E-05	8.28E-05	-7.48E-05				
111	515.50	-1.65E+00	-2.55E+00	-1.85E+00	5.91E+00	3.68E-01	8.64E-01	3.83E+00	-8.03E+00	42.83	-1.65E+00	5.91E+00	
	44.00	2.98E-06	-3.16E-05	-4.61E-06	4.55E-04	2.83E-05	6.65E-05	2.14E-04	-2.42E-04				
112	515.50	-6.63E-01	-3.05E-01	-2.84E-01	1.38E+00	9.59E-01	-5.19E-01	9.03E-01	-1.87E+00	48.71	-3.05E-01	-1.38E+00	
	53.33	-1.18E-05	2.03E-06	2.84E-06	1.06E-04	7.38E-05	-3.99E-05	4.85E-05	-5.82E-05				
113	547.50	-5.38E-01	8.50E-01	2.22E-01	2.24E+00	5.36E-01	-2.73E+00	2.50E+00	-2.19E+00	53.60	1.54E+00	-1.90E+00	
	64.00	-2.66E-05	2.69E-05	2.68E-06	1.73E-04	4.12E-05	-2.10E-04	9.05E-05	-9.02E-05				
114	515.50	-1.80E+00	-2.04E+00	-1.51E+00	2.45E+00	1.96E-01	-2.37E-01	5.34E-01	-4.38E+00	43.63	-1.80E+00	2.45E+00	
	74.67	-1.06E-05	-1.96E-05	6.89E-07	1.89E-04	1.50E-05	-1.82E-05	7.94E-05	-1.10E-04				
115	515.50	-3.82E+00	-2.32E+00	-2.34E+00	9.04E-01	6.75E-01	-5.00E-01	-1.89E+00	-4.24E+00	64.84	-2.32E+00	-9.04E-01	
	88.00	-5.37E-05	3.94E-06	3.23E-06	6.95E-05	5.19E-05	-3.85E-05	2.03E-05	-7.01E-05				
116	547.50	-2.04E+00	4.73E-02	-6.85E-01	2.86E+00	4.23E-01	-1.75E+00	2.05E+00	-4.04E+00	55.02	1.27E+00	-2.03E+00	
	104.00	-4.89E-05	3.12E-05	3.05E-06	2.20E-04	3.25E-05	-1.35E-04	1.08E-04	-1.26E-04				
117	515.50	-5.63E-01	-5.32E-01	-2.60E-01	2.00E+00	7.11E-02	-6.54E-01	1.45E+00	-2.55E+00	45.22	-5.63E-01	2.00E+00	
	120.00	-6.77E-06	-5.56E-06	4.89E-06	1.54E-04	5.47E-06	-5.03E-05	7.06E-05	-8.31E-05				
118	515.50	-2.45E+00	-1.41E+00	-1.28E+00	7.71E-01	3.92E-01	-4.17E-01	-9.96E-01	-2.86E+00	61.99	-1.41E+00	-7.71E-01	
	136.00	-3.77E-05	2.32E-06	7.12E-06	5.93E-05	3.02E-05	-3.21E-05	1.81E-05	-5.34E-05				
119	547.50	-1.92E+00	-5.57E-01	-7.08E-01	1.81E+00	2.36E-01	-8.12E-01	7.31E-01	-3.11E+00	54.62	2.22E-01	-1.30E+00	
	152.00	-3.62E-05	1.25E-05	6.70E-06	1.40E-04	1.81E-05	-6.25E-05	6.20E-05	-8.57E-05				
120	515.50	-8.78E-01	-7.23E-01	-3.30E-01	1.28E+00	9.99E-02	-8.13E-02	4.85E-01	-2.05E+00	46.73	-8.78E-01	1.28E+00	
	168.00	-1.25E-05	-6.59E-06	8.53E-06	9.87E-05	7.68E-06	-6.25E-06	3.99E-05	-5.90E-05				
121	515.50	-3.36E+00	-1.98E+00	-1.75E+00	5.89E-01	5.46E-01	-3.06E-01	-1.76E+00	-3.57E+00	69.73	-1.98E+00	-5.89E-01	
	184.00	-5.13E-05	1.76E-06	1.06E-05	4.53E-05	4.20E-05	-2.35E-05	1.01E-05	-5.96E-05				
122	547.50	-9.60E-01	8.52E-01	3.20E-01	2.05E+00	2.64E-01	-1.38E+00	2.19E+00	-2.30E+00	56.91	1.71E+00	-1.39E+00	
	200.00	-3.93E-05	3.05E-05	9.97E-06	1.58E-04	2.03E-05	-1.06E-04	8.19E-05	-9.07E-05				
123	515.50	5.18E-01	8.66E-01	9.79E-01	8.99E-01	-4.08E-02	-1.42E-01	1.61E+00	-2.24E-01	50.48	5.18E-01	8.99E-01	
	216.00	-6.06E-06	7.35E-06	1.17E-05	6.92E-05	-3.14E-06	-1.10E-05	3.59E-05	-3.46E-05				
124	515.50	-9.08E-01	-3.89E-01	-4.60E-02	2.20E-01	1.88E-01	-2.05E-01	-3.09E-01	-9.89E-01	69.85	-3.89E-01	-2.20E-01	
	232.00	-2.02E-05	-2.03E-07	1.30E-05	1.69E-05	1.44E-05	-1.57E-05	2.90E-06	-2.33E-05				
125	547.50	-1.34E-01	2.66E-01	4.98E-01	4.68E-01	4.24E-02	-1.22E+00	5.74E-01	-4.43E-01	56.57	4.62E-01	-3.19E-01	
	248.00	-1.21E-05	3.30E-06	1.22E-05	3.60E-05	3.26E-06	-9.41E-05	1.52E-05	-2.40E-05				
126	515.50	1.14E+00	1.62E+00	1.56E+00	-2.01E-01	-2.34E-01	-4.78E-01	1.69E+00	1.07E+00	-69.96	1.14E+00	-2.01E-01	
	264.00	-2.61E-06	1.48E-05	1.26E-05	-1.55E-05	-1.80E-05	-3.68E-05	1.76E-05	-6.44E-06				
127	515.50	-2.13E-01	-1.12E-02	2.99E-01	5.28E-02	-3.49E-01	-1.28E-01	1.80E-03	-2.26E-01	76.18	-1.12E-02	-5.28E-02	
	276.00	-9.00E-06	-1.25E-06	1.07E-05	4.06E-06	-2.68E-05	-9.82E-06	-7.53E-07	-9.50E-06				
128	531.50	6.28E-01	3.57E-01	8.00E-01	2.96E-02	-2.09E-01	-7.49E-02	6.31E-01	3.54E-01	5.97	6.28E-01	2.86E-02	
	297.00	[illegible]54E-06	-5.88E-06	1.11E-05	2.20E-06	-1.61E-05	[illegible]-06	4.65E-06	-5.99E-06				
129	515.[illegible]	[illegible]15E+00	1.64E+00	1.93E+00	-4.44E-01	-2.16E-01	[illegible]-01	2.43E+00	1.39E+00	-29.56	2.18E+00	-4.4[illegible]	

	326.	[illegible].05E-05	4.45E-09	1.11E-05	-3.42E-05	-1.66E-05	[illegible]E-05	3.02E-05	-9.64E-06					
183	565.	[illegible].22E-02	3.65E-02	-9.04E-02	3.47E+00	1.15E+00	[illegible]2E+00	3.53E+00	-3.41E+00	44.81	8.22E-02	3.47		
	-8.00	2.95E-06	1.09E-06	-3.70E-06	2.67E-04	8.81E-05	-2.02E-04	1.35E-04	-1.31E-04					

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.2811E+02	-.1781E+03	.9642E+02	.3287E+02	.7243E+02	-.5005E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5226E+01	.2465E+01	.1192E+01	.3057E+02	-.1972E+02	-.2705E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5040E+01	-.8918E+00	.5858E+00	.5011E+02	-.4483E+02	-.4935E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.7052E+01	.1581E+01	.1605E+00	.7048E+02	-.7021E+02	-.7250E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.8308E+01	-.1301E+01	.1966E+00	.9139E+02	-.9573E+02	-.9779E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.8230E+00	-.4863E+00	.4940E+00	.1245E+03	-.1212E+03	-.1289E+03
25	.1561E+02	.2555E+01	.1383E+00	.1555E+03	-.1335E+03	-.1598E+03
26	-.1417E+02	-.1908E+01	.1131E+00	.1678E+03	-.1415E+03	-.1824E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.7695E+02	-.1546E+02	.3087E+01	.1713E+03	-.1967E+03	-.2009E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1576E+04	.2669E+03	-.6443E+01	.2473E+03	-.5260E+03	-.3220E+03
40	.1057E+04	.1601E+03	.6665E+01	.2313E+03	-.5191E+03	-.2940E+03
41	.6465E+03	.8159E+02	.1630E+02	.1985E+03	-.4706E+03	-.2539E+03
42	.1350E+03	.6162E+01	.1348E+02	.1718E+03	-.3350E+03	-.2208E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1363E+04	-.1741E+03	-.6902E+01	.3287E+02	-.5571E+03	.1861E+03
48	-.1170E+04	-.1513E+03	-.8028E+01	.9844E+02	-.5136E+03	.1318E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2271E+04	-.3454E+03	-.1085E+02	-.1114E+02	-.3766E+03	.5156E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.5533E+01	.1398E+02	.2525E-01	.1780E+02	-.5469E+03	.1763E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1557E+04	-.2362E+03	-.1076E+02	.1619E+02	-.3017E+03	.4810E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1093E+04	-.1663E+03	-.1438E+02	.1218E+02	-.2808E+03	.4669E+03
66	-.3717E+03	-.5767E+02	-.1809E+02	.8776E+01	-.2251E+03	.4862E+03
67	.7361E+03	.1089E+03	-.1917E+02	.8864E+01	-.1675E+03	.4843E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1308E+04	.1950E+03	-.1524E+02	.7235E+02	-.1146E+03	.5026E+03
76	-.1421E+03	-.2190E+02	-.1062E+02	.9413E+02	-.4673E+02	.5143E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.5542E+03	.8332E+02	-.7916E+01	.1044E+03	.3543E+02	.4946E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2308E+03	-.3398E+02	-.5719E+01	.1377E+03	.8577E+02	.4869E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3270E+03	.5040E+02	-.5130E+01	.1084E+03	.1566E+03	.4477E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2055E+03	-.2903E+02	-.4260E+01	.9291E+02	.1989E+03	.4073E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2386E+03	.3816E+02	-.4313E+01	.9271E+02	.2584E+03	.3679E+03
109	-.1402E+03	-.1838E+02	-.3791E+01	.9097E+02	.2977E+03	.3173E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2023E+03	.3359E+02	-.3655E+01	.5502E+02	.3438E+03	.2675E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1219E+03	.2176E+02	-.7539E+00	.3164E+02	.3641E+03	.2147E+03
115	.2943E+02	.8091E+01	.2540E+00	.6634E+01	.3675E+03	.1582E+03
116	.1290E+03	.2347E+02	.1520E+01	-.7319E+01	.3638E+03	.1266E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.1193E+03	.2223E+02	.2772E+01	.1[illegible]	.3929E+03	.1062E+03

[illegible]	.9400E+02	.1673E+02	.4109E+01	-.[illegible]02	.3574E+03	.6820E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	.[illegible]+00	.0000E+00	.0000E+00
121	.2079E+03	.2631E+02	.1272E+02	-.2607E+02	.3051E+03	.4089E+02
122	.1770E+03	.1190E+02	.2040E+02	.1183E+02	.2943E+03	.3510E+02
123	.1344E+03	.7732E+01	.1785E+02	.8670E+01	.2569E+03	.3149E+02
124	.9619E+02	.5539E+01	.1230E+02	.5472E+01	.2114E+03	.2857E+02
125	.6413E+02	.2570E+01	.8997E+01	.4643E+01	.1746E+03	.2579E+02
126	.1911E+02	-.4429E+01	.8377E+01	.2310E+01	.1465E+03	.2282E+02
127	-.1407E+02	-.9955E+01	.8533E+01	.6955E+00	.1249E+03	.1905E+02
128	-.4763E+02	-.1442E+02	.8059E+01	-.3064E+01	.8072E+02	.1483E+02
129	-.4794E+02	-.1244E+02	.6651E+01	-.4826E+01	.4536E+02	.1118E+02
130	-.3319E+02	-.7594E+01	.4733E+01	-.5239E+01	.1960E+02	.8716E+01
131	-.8615E+01	-.1347E+01	.3057E+01	-.4554E+01	.6054E+01	.7293E+01
132	.1045E+01	.6332E+00	.2227E+01	-.2867E+01	.7008E+01	.6361E+01
133	.1666E+01	.5114E+00	.2064E+01	-.1899E+01	.8401E+01	.5393E+01
134	.4641E+00	.1475E+00	.2075E+01	-.1445E+01	.7250E+01	.4252E+01
135	.6071E-02	.6888E-02	.2337E+01	-.1116E+01	.5122E+01	.3131E+01
136	-.2210E-01	.9710E-02	.3105E+01	-.7933E+00	.3301E+01	.2087E+01
137	-.6281E-01	-.2124E-01	.4878E+01	-.5731E+00	.1489E+01	.1141E+01
138	.1792E-01	.1108E+00	.8136E+02	-.4077E+00	-.4013E+00	.5774E+00
139	.9217E-01	.1332E+00	-.2725E+02	-.6230E-01	.2172E+00	-.2238E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.56283E-02	-.17958E-04	.56037E-02	.00000E+00
3	-.99419E-02	-.91296E-04	.99302E-02	.00000E+00
4	-.10642E-01	-.10175E-03	.10619E-01	.00000E+00
5	-.11313E-01	.18559E-04	.11316E-01	.00000E+00
6	-.12316E-01	-.43940E-05	.12316E-01	-.46207E-05
7	-.11617E-01	-.30709E-03	.11711E-01	.00000E+00
8	-.12338E-01	-.22986E-03	.12357E-01	-.81295E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.55152E-02	-.10336E-03	.55130E-02	.00000E+00
11	-.98848E-02	-.20702E-03	.99380E-02	.00000E+00
12	-.10850E-01	-.25210E-03	.10925E-01	.00000E+00
13	-.11596E-01	-.19549E-03	.11605E-01	.00000E+00
14	-.12383E-01	-.27764E-03	.12472E-01	-.26370E-05
15	-.11657E-01	-.56567E-03	.11949E-01	.00000E+00
16	-.12458E-01	-.47347E-03	.12663E-01	-.20777E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.55008E-02	-.20055E-03	.55653E-02	.00000E+00
19	-.99607E-02	-.39524E-03	.10130E-01	.00000E+00
20	-.10947E-01	-.48191E-03	.11179E-01	.00000E+00
21	-.11761E-01	-.38338E-03	.11935E-01	.00000E+00
22	-.12556E-01	-.45125E-03	.12934E-01	-.27341E-05
23	-.11932E-01	-.96187E-03	.12485E-01	.00000E+00
24	-.12689E-01	-.87617E-03	.13296E-01	-.62158E-05
25	-.12788E-01	-.10229E-02	.13539E-01	-.97670E-06
26	-.12845E-01	-.10448E-02	.13688E-01	-.35637E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.53433E-02	-.39196E-03	.54116E-02	.00000E+00
29	-.99317E-02	-.79908E-03	.10042E-01	.00000E+00
30	-.11044E-01	-.94407E-03	.11331E-01	.00000E+00
31	-.12015E-01	-.10765E-02	.12454E-01	.00000E+00
32	-.12304E-01	-.12296E-02	.13855E-01	-.17426E-04
33	-.11934E-01	-.14292E-02	.12336E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.52278E-02	-.52077E-03	.52917E-02	.00000E+00
36	-.98726E-02	-.98436E-03	.97840E-02	.00000E+00
37	-.11077E-01	-.10390E-02	.11113E-01	.00000E+00
38	-.12191E-01	-.14185E-02	.12682E-01	.00000E+00

39	-.13049E-01	-.17450E-02	.14147E-01	.31721E-05
40	-.13030E-01	-.17230E-02	.14001E-01	-.65881E-05
41	-.13013E-01	-.16157E-02	.14020E-01	-.12328E-04
42	-.12965E-01	-.14192E-02	.13947E-01	-.16673E-04
43	-.10829E-01	-.13434E-02	.99877E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.45076E-02	-.28181E-03	.41794E-02	.00000E+00
46	-.94288E-02	-.99128E-03	.84036E-02	.00000E+00
47	-.13055E-01	-.17059E-02	.14167E-01	.52739E-05
48	-.13056E-01	-.17273E-02	.14170E-01	.72830E-05
49	-.12140E-01	-.14427E-02	.12535E-01	.00000E+00
50	-.13150E-01	-.17113E-02	.14205E-01	.26100E-04
51	-.12057E-01	-.15543E-02	.11647E-01	.00000E+00
52	-.13491E-01	-.16101E-02	.12719E-01	.00000E+00
53	-.13062E-01	-.16567E-02	.14156E-01	.22733E-05
54	-.10415E-01	-.10512E-02	.87107E-02	.00000E+00
55	-.11685E-01	-.12786E-02	.93410E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.36808E-02	-.52549E-03	.21302E-02	.00000E+00
58	-.78208E-02	-.46111E-03	.36396E-02	.00000E+00
59	-.13557E-01	-.13119E-02	.11024E-01	.00000E+00
60	-.13468E-01	-.15233E-02	.12030E-01	.00000E+00
61	-.13263E-01	-.17349E-02	.14228E-01	.41523E-04
62	-.93194E-02	-.54226E-03	.43949E-02	.00000E+00
63	-.10919E-01	-.64133E-03	.64277E-02	.00000E+00
64	-.13759E-01	-.16242E-02	.12878E-01	.00000E+00
65	-.13405E-01	-.17381E-02	.14249E-01	.52234E-04
66	-.13760E-01	-.17433E-02	.14290E-01	.64173E-04
67	-.14146E-01	-.17485E-02	.14337E-01	.61633E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.27280E-02	-.35578E-04	.46785E-03	.00000E+00
70	-.78968E-02	-.25297E-03	.15748E-02	.00000E+00
71	-.12700E-01	-.65248E-03	.67551E-02	.00000E+00
72	-.14087E-01	-.15586E-02	.12713E-01	.00000E+00
73	-.96457E-02	-.29495E-03	.15795E-03	.00000E+00
74	-.14938E-01	-.15932E-02	.13335E-01	.00000E+00
75	-.14477E-01	-.17519E-02	.14375E-01	.47527E-04
76	-.14934E-01	-.17749E-02	.14490E-01	.34138E-04
77	-.11392E-01	-.23366E-03	.21280E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.31041E-02	-.21745E-03	-.17910E-03	.00000E+00
80	-.71147E-02	-.34030E-04	-.54825E-03	.00000E+00
81	-.77685E-02	.19371E-04	-.11198E-02	.00000E+00
82	-.90074E-02	.46132E-04	.86017E-03	.00000E+00
83	-.14144E-01	-.56158E-03	.72513E-02	.00000E+00
84	-.12470E-01	-.55735E-04	.22720E-02	.00000E+00
85	-.15457E-01	-.17882E-02	.14592E-01	.27647E-04
86	-.15482E-01	-.16573E-02	.14033E-01	.00000E+00
87	-.10980E-01	.44347E-04	-.11393E-03	.00000E+00
88	-.15248E-01	-.12208E-02	.10644E-01	.00000E+00
89	-.15825E-01	-.18156E-02	.14726E-01	.22328E-04
90	-.67563E-02	.14372E-03	-.90412E-02	.00000E+00
91	-.75451E-02	.30909E-03	-.84590E-02	.00000E+00
92	-.83754E-02	.23573E-03	-.84056E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.24448E-02	.00000E+00	-.49539E-02	.00000E+00
95	-.46143E-02	.00000E+00	-.67781E-02	.00000E+00
96	-.57768E-02	.00000E+00	-.94238E-02	.00000E+00
97	-.58986E-02	.00000E+00	-.10410E-01	.00000E+00
98	-.55426E-02	.00000E+00	-.10600E-01	.00000E+00
99	-.66077E-02	.11182E-03	-.10519E-01	.00000E+00
100	-.10045E-01	.21256E-03	-.56193E-02	.00000E+00
101	-.13578E-01	-.20134E-03	.14689E-02	.00000E+00
	-.16386E-01	-.19485E-02	.14884E-01	.97E-04

	-.14747E-01	-.46139E-03	.66588E-02	.00000E+00
	-.16520E-01	-.18305E-02	.14477E-01	.00000E+00
105	-.16772E-01	-.18540E-02	.15031E-01	.16344E-04
106	-.15635E-01	-.03754E-03	.89751E-02	.00000E+00
107	-.17131E-01	-.17289E-02	.14262E-01	.00000E+00
108	-.17192E-01	-.18300E-02	.15138E-01	.15469E-04
109	-.17505E-01	-.18303E-02	.15245E-01	.13360E-04
110	-.16635E-01	-.13680E-02	.97262E-02	.00000E+00
111	-.17814E-01	-.19554E-02	.14399E-01	.00000E+00
112	-.17830E-01	-.18390E-02	.15293E-01	.11873E-04
113	-.17614E-01	-.13280E-02	.11528E-01	.00000E+00
114	-.18030E-01	-.18347E-02	.15356E-01	.33614E-05
115	-.18034E-01	-.16781E-02	.15358E-01	-.10730E-05
116	-.17963E-01	-.18446E-02	.15361E-01	-.61543E-05
117	-.17882E-01	-.20451E-02	.15123E-01	.00000E+00
118	-.17863E-01	-.18374E-02	.15348E-01	-.10319E-04
119	-.17606E-01	-.18309E-02	.15312E-01	-.15316E-04
120	-.18134E-01	-.18178E-02	.15029E-01	.00000E+00
121	-.17157E-01	-.17392E-02	.15265E-01	-.22927E-04
122	-.17110E-01	-.16029E-02	.15295E-01	-.26418E-04
123	-.17043E-01	-.14347E-02	.15315E-01	-.29102E-04
124	-.16948E-01	-.12486E-02	.15336E-01	-.32362E-04
125	-.16871E-01	-.10414E-02	.15356E-01	-.36070E-04
126	-.16686E-01	-.65491E-03	.15388E-01	-.40107E-04
127	-.16491E-01	-.24912E-03	.15419E-01	-.40171E-04
128	-.16125E-01	.56475E-03	.15483E-01	-.32340E-04
129	-.15875E-01	.11568E-02	.15540E-01	-.21262E-04
130	-.15729E-01	.15362E-02	.15602E-01	-.85722E-05
131	-.15722E-01	.15701E-02	.15696E-01	.45882E-05
132	-.15819E-01	.12607E-02	.15780E-01	.77954E-05
133	-.15903E-01	.94897E-03	.15853E-01	.60127E-05
134	-.15953E-01	.72526E-03	.15912E-01	.43818E-05
135	-.15984E-01	.54908E-03	.15960E-01	.38041E-05
136	-.16006E-01	.38005E-03	.15995E-01	.38918E-05
137	-.16019E-01	.21227E-03	.16016E-01	.38920E-05
138	-.16028E-01	.32473E-04	.16028E-01	.41267E-05
139	-.16028E-01	.40129E-05	.16028E-01	.40247E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7500E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.84E-03	-3.13E-02	-1.85E-02	-6.84E-01	-2.44E-03	6.84E-01	6.65E-01	-7.04E-01	-44.51	-7.84E-03	-6.84E-01
	-303.00	3.93E-07	-6.74E-07	-9.32E-08	-6.22E-05	-2.22E-07	6.22E-05	3.10E-05	-3.12E-05			
2	72.00	-2.02E-03	-3.67E-02	-1.39E-02	-5.38E-01	-3.73E-03	5.51E-01	5.19E-01	-5.58E-01	-44.08	-2.02E-03	-5.38E-01
	-213.00	5.91E-07	-9.83E-07	5.11E-08	-4.89E-05	-3.39E-07	5.01E-05	2.43E-05	-2.47E-05			
3	72.00	-4.51E-02	-4.23E-02	-7.58E-03	-3.26E-01	1.68E-02	3.57E-01	2.92E-01	-3.69E-01	-45.12	-4.51E-02	-3.26E-01
	-138.00	-5.27E-07	-4.63E-07	3.26E-07	-1.48E-05	7.63E-07	1.62E-05	6.91E-06	-7.90E-06			
4	24.00	-3.47E-01	-2.22E-01	-2.61E-01	-5.61E-01	8.35E-02	5.94E-01	2.80E-01	-8.49E-01	-48.18	-3.47E-01	-5.61E-01
	-68.00	-4.22E-06	5.08E-07	-9.30E-07	-4.32E-05	6.42E-06	4.57E-05	1.99E-05	-2.35E-05			
5	72.00	1.71E-01	7.24E-02	1.35E-01	-2.71E-01	-2.92E-02	3.01E-01	3.97E-01	-1.54E-01	-39.85	7.24E-02	2.71E-01
	-88.00	2.42E-06	-1.37E-06	1.04E-06	-2.09E-05	-2.25E-06	2.32E-05	1.11E-05	-1.01E-05			
6	120.00	1.05E-01	1.23E-01	1.14E-01	-4.69E-01	-2.73E-02	4.92E-01	5.83E-01	-3.55E-01	-45.54	-3.45E-01	9.33E-02
	-68.00	3.99E-07	9.70E-07	6.22E-07	-3.61E-05	-2.10E-06	3.79E-05	1.87E-05	-1.74E-05			
7	36.25	-1.09E-01	-3.65E-02	-2.89E-02	-2.43E-01	2.92E-02	2.31E-01	1.73E-01	-3.18E-01	-49.23	-1.00E-01	-2.44E-01
	-19.00	-2.27E-06	5.10E-07	8.02E-07	-1.87E-05	2.24E-06	1.78E-05	8.57E-06	-1.03E-05			
8	108.00	1.04E-02	1.40E-02	2.76E-02	-1.63E-01	-5.59E-03	2.00E-01	1.76E-01	-1.51E-01	-45.31	1.04E-02	-1.63E-01
	-19.00	-1.71E-07	-3.37E-08	4.90E-07	-1.26E-05	-4.30E-07	1.54E-05	6.18E-06	-6.39E-06			
9	216.00	-6.78E-02	-1.06E-01	-6.73E-02	-6.77E-01	1.20E-03	6.81E-01	5.90E-01	-7.64E-01	-44.19	-6.78E-02	-6.77E-01
	-303.00	5.01E-08	-1.69E-06	7.20E-08	-6.15E-05	1.09E-07	6.19E-05	3.00E-05	-3.16E-05			
10	216.00	-7.28E-02	-1.05E-01	-6.08E-02	-5.51E-01	5.70E-03	5.61E-01	4.62E-01	-6.39E-01	-44.17	-7.28E-02	-5.51E-01

	-213.00	-2.14E-07	-1.66E-06	3.23E-07	-5.00E-05	5.18E-07	5.10E-05	2.41E-05	-2.66E-05				
11	216.00	-6.19E-02	-9.35E-02	-9.64E-03	-3.90E-01	2.06E-02	4.07E-01	3.17E-01	-4.63E-01	-44.21	-6.19E-02	-3.90E-01	
	-138.00	-6.00E-07	-1.09E-06	5.12E-07	-1.77E-05	9.35E-07	1.85E-05	8.02E-06	-9.71E-06				
12	168.00	-2.17E-01	-2.02E-01	-1.83E-01	-5.65E-01	5.63E-02	5.36E-01	3.16E-01	-8.15E-01	-43.36	-2.17E-01	-5.65E-01	
	-68.00	-8.51E-07	-2.34E-06	4.44E-07	-4.34E-05	4.33E-06	4.12E-05	1.97E-05	-2.38E-05				
13	216.00	2.27E-01	7.89E-02	1.51E-01	-2.65E-01	-3.76E-02	2.79E-01	4.27E-01	-1.22E-01	-37.21	7.89E-02	2.65E-01	
	-88.00	3.59E-06	-2.09E-06	1.07E-06	-2.04E-05	-2.69E-06	2.15E-05	1.13E-05	-9.82E-06				
14	264.00	3.10E-02	1.18E-01	9.14E-02	-4.74E-01	-1.39E-02	5.18E-01	5.50E-01	-4.01E-01	-47.62	-3.84E-01	1.28E-01	
	-68.00	-1.45E-06	1.80E-06	8.78E-07	-3.64E-05	-1.07E-06	3.98E-05	1.85E-05	-1.81E-05				
15	180.00	-2.89E-02	-3.43E-03	1.71E-02	-2.30E-01	3.75E-02	2.05E-01	2.14E-01	-2.46E-01	-46.59	-2.89E-02	-2.30E-01	
	-19.00	-9.44E-07	3.50E-08	8.26E-07	-1.77E-05	2.85E-06	1.57E-05	8.39E-06	-9.30E-06				
16	252.00	-4.75E-02	-6.81E-03	1.61E-02	-1.60E-01	9.73E-03	2.16E-01	1.34E-01	-1.88E-01	-48.63	-4.75E-02	-1.60E-01	
	-19.00	-1.41E-06	1.56E-07	1.04E-06	-1.23E-05	7.48E-07	1.66E-05	5.57E-06	-6.82E-06				
17	361.00	-1.07E-01	-1.92E-01	-1.17E-01	-6.70E-01	-6.80E-03	6.75E-01	5.22E-01	-8.21E-01	-43.18	-1.07E-01	-6.70E-01	
	-303.00	5.39E-07	-3.33E-06	9.20E-08	-6.09E-05	-6.18E-07	6.14E-05	2.91E-05	-3.19E-05				
18	361.00	-9.09E-02	-1.78E-01	-9.87E-02	-5.76E-01	-1.22E-02	5.76E-01	4.43E-01	-7.12E-01	-42.84	-9.09E-02	-5.76E-01	
	-213.00	6.39E-07	-3.31E-06	2.86E-07	-5.23E-05	-1.11E-06	5.23E-05	2.49E-05	-2.76E-05				
19	361.00	-6.30E-02	-1.37E-01	-2.85E-02	-4.50E-01	-7.33E-03	4.68E-01	3.51E-01	-5.52E-01	-42.64	-6.30E-02	-4.50E-01	
	-138.00	-2.32E-07	-1.92E-06	5.53E-07	-2.05E-05	-3.33E-07	2.13E-05	9.18E-06	-1.13E-05				
20	312.00	-3.91E-01	-4.52E-01	-3.10E-01	-6.70E-01	8.97E-02	6.21E-01	2.49E-01	-1.09E+00	-43.70	-3.91E-01	-6.70E-01	
	-68.00	-2.37E-06	-4.71E-06	7.43E-07	-8.16E-05	6.90E-06	4.85E-05	2.23E-05	-2.94E-05				
21	360.67	3.84E-01	2.46E-01	2.81E-01	-3.68E-01	-8.61E-02	4.08E-01	6.90E-01	-5.97E-02	-39.70	2.46E-01	3.68E-01	
	-88.00	4.76E-06	-5.49E-07	7.95E-07	-2.83E-05	-6.63E-06	3.14E-05	1.65E-05	-1.23E-05				
22	409.33	-2.97E-01	-3.90E-01	-2.49E-01	-6.33E-01	-1.45E-02	7.67E-01	2.92E-01	-9.78E-01	-42.90	-9.72E-01	8.53E-02	
	-68.00	-1.13E-06	-4.71E-06	7.00E-07	-4.87E-05	-1.12E-06	5.90E-05	2.15E-05	-2.73E-05				
23	324.00	-8.75E-02	-2.88E-02	1.55E-03	-2.65E-01	6.51E-02	2.30E-01	2.08E-01	-3.24E-01	-48.17	-8.75E-02	-2.65E-01	
	-19.00	-2.10E-06	1.54E-07	1.32E-06	-2.04E-05	5.01E-06	1.77E-05	9.26E-06	-1.12E-05				
24	372.00	-3.84E-02	9.26E-02	7.18E-02	-5.84E-01	6.87E-02	6.33E-01	6.10E-01	-5.65E-01	-47.96	-3.84E-02	-5.84E-01	
	-9.33	-2.75E-06	1.90E-06	1.49E-06	-4.50E-05	5.28E-06	4.87E-05	2.22E-05	-2.30E-05				
25	401.25	-5.72E-02	-1.22E-02	3.09E-02	-2.04E-01	1.13E-02	2.85E-01	1.70E-01	-2.46E-01	-48.15	1.38E-01	-1.11E-01	
	-19.00	-1.79E-06	-4.61E-08	1.61E-06	-1.57E-05	8.73E-07	2.19E-05	6.98E-06	-8.80E-06				
26	427.67	-4.36E-01	-4.78E-01	-3.28E-01	-7.11E-01	1.01E-01	9.37E-01	2.54E-01	-1.17E+00	-44.16	-8.61E-01	-5.85E-01	
	-9.33	-3.12E-06	-4.73E-06	1.03E-06	-5.47E-05	7.76E-06	7.21E-05	2.34E-05	-3.13E-05				
27	457.00	-1.39E-01	-2.79E-01	-1.65E-01	-6.61E-01	-1.51E-02	6.60E-01	4.55E-01	-8.73E-01	-41.98	-1.39E-01	-6.61E-01	
	-303.00	1.26E-06	-5.11E-06	7.23E-08	-6.01E-05	-1.38E-06	6.00E-05	2.83E-05	-3.21E-05				
28	457.00	-8.22E-02	-2.29E-01	-1.22E-01	-6.01E-01	-4.61E-02	5.74E-01	4.50E-01	-7.61E-01	-41.51	-8.22E-02	-6.01E-01	
	-213.00	1.90E-06	-4.80E-06	8.43E-08	-5.46E-05	-4.20E-06	5.27E-05	2.61E-05	-2.90E-05				
29	497.00	-4.38E-02	-1.51E-01	-4.77E-02	-5.06E-01	-1.18E-01	5.26E-01	4.11E-01	-6.07E-01	-41.97	-4.38E-02	-5.06E-01	
	-138.00	2.77E-07	-2.16E-06	1.89E-07	-2.30E-05	-5.36E-06	2.39E-05	1.06E-05	-1.25E-05				
30	442.00	-3.52E-01	-7.65E-01	-4.23E-01	-8.05E-01	-7.21E-02	7.33E-01	2.73E-01	-1.39E+00	-37.80	-3.52E-01	-8.05E-01	
	-68.00	3.39E-06	-1.25E-05	6.49E-07	-6.19E-05	-5.55E-06	5.64E-05	2.74E-05	-3.65E-05				
31	457.33	9.12E-01	2.52E-01	4.68E-01	-2.76E-01	-4.69E-01	4.37E-01	1.01E+00	1.51E-01	-19.95	2.52E-01	2.76E-01	
	-88.00	1.72E-05	-8.26E-06	7.87E-08	-2.12E-05	-3.61E-05	3.36E-05	2.10E-05	-1.21E-05				
32	472.67	-1.75E+00	-1.86E+00	-1.44E+00	-6.62E-01	2.03E-01	9.75E-01	-1.14E+00	-2.47E+00	-42.51	-2.19E+00	-5.42E-01	
	-68.00	-1.17E-05	-1.62E-05	7.62E-08	-5.09E-05	1.56E-05	7.50E-05	1.16E-05	-3.95E-05				
33	443.00	-1.86E-01	-2.32E-01	-1.10E-01	-4.30E-01	8.64E-03	3.85E-01	2.21E-01	-6.39E-01	-43.48	-1.86E-01	-4.30E-01	
	-19.50	-1.36E-06	-3.11E-06	1.57E-06	-3.30E-05	6.64E-07	2.96E-05	1.43E-05	-1.88E-05				
34	454.00	-1.40E+00	-1.22E+00	-1.02E+00	-9.76E-01	2.67E-01	1.24E+00	-3.32E-01	-2.29E+00	-47.57	-1.79E+00	-8.54E-01	
	-11.33	-1.33E-05	-7.07E-06	8.87E-07	-7.50E-05	2.05E-05	9.53E-05	2.72E-05	-4.81E-05				
35	461.67	-7.22E-01	-1.00E+00	-6.57E-01	-9.10E-01	6.03E-02	1.27E+00	5.97E-02	-1.78E+00	-40.64	-7.22E-01	-9.10E-01	
	-12.00	-1.60E-06	-1.23E-05	8.73E-07	-7.00E-05	4.64E-06	9.78E-05	2.85E-05	-4.24E-05				
36	469.00	7.63E-01	1.60E-01	4.07E-01	-1.10E-01	-4.33E-01	5.45E-01	7.82E-01	1.40E-01	-10.05	1.60E-01	1.10E-01	
	-30.00	1.47E-05	-6.46E-06	1.05E-06	-8.49E-06	-3.33E-05	4.19E-05	1.55E-05	-9.21E-06				
37	476.33	-1.01E+00	-1.42E+00	-9.33E-01	-6.42E-01	6.55E-02	1.08E+00	-5.38E-01	-1.89E+00	-36.01	-1.27E+00	-6.73E-01	
	-12.00	-1.73E-06	-1.78E-05	1.03E-06	-4.94E-05	5.04E-06	8.32E-05	1.62E-05	-3.57E-05				
38	558.50	-4.97E-02	-1.98E-01	-1.03E-01	-5.87E-01	-3.77E-02	5.83E-01	4.67E-01	-7.15E-01	-41.39	-4.97E-02	-5.87E-01	
	-303.00	2.29E-06	-4.45E-06	-1.18E-07	-5.33E-05	-3.42E-06	5.30E-05	2.58E-05	-2.80E-05				
39	558.50	-6.89E-02	-2.94E-01	-1.64E-01	-5.76E-01	-8.05E-02	5.46E-01	4.06E-01	-7.69E-01	-39.47	-6.89E-02	-5.76E-01	
	-213.00	3.71E-06	-6.52E-06	-6.16E-07	-5.24E-05	-7.32E-06	4.97E-05	2.53E-05	-2.81E-05				
40	506.17	8.80E-02	-6.24E-01	-1.71E-01	-1.24E+00	-3.12E-01	1.09E+00	1.02E+00	-1.56E+00	-36.99	8.80E-02	-1.24E+00	
	-128.00	5.71E-06	-1.05E-05	-1.75E-07	-5.64E-05	-1.42E-05	4.97E-05	2.70E-05	-3.17E-05				
41	558.50	[illegible].43E-01	-3.76E-01	-2.45E-02	-6.08E-01	-5.69E-01	[illegible].10E-01	9.27E-01	-6.60E-01	-25.03	-3.76E-01	6.03E-01	
	-148.0[illegible]	[illegible].33E-05	-6.81E-06	-1.83E-06	-2.77E-05	-2.59E-05	[illegible]E-05	1.98E-05	-1.63E-05				
42	610[illegible]	[illegible].38E-01	-6.40E-01	-3.32E-01	-1.08E+00	-3.21E-01	[illegible]E-01	7.12E-01	-1.50E+00	-38.33	-1.50E+00	3.[illegible]	

	-128.00	[illegible]72E-06	-5.87E-06	-1.67E-06	-4.89E-05	-1.45E-05	[illegible]-05	2.31E-05	-2.82E-05					
43	501.38	[illegible]50E-01	-1.27E-01	1.27E-02	-2.92E-01	-2.13E-01	[illegible]-01	3.34E-01	-3.11E-01	-32.31	1.50E-01	-2.92E-		
	-78.00	5.35E-06	-5.29E-06	1.29E-07	-2.24E-05	-1.64E-05	2.73E-05	1.24E-05	-1.24E-05					
44	534.67	-2.96E-01	-5.07E-01	-3.65E-01	-9.70E-01	-1.45E-01	1.30E+00	5.74E-01	-1.38E+00	-41.90	-1.38E+00	6.46E-02		
	-68.00	1.44E-06	-4.62E-06	-1.20E-06	-7.46E-05	-1.12E-05	1.00E-04	3.49E-05	-4.02E-05					
45	584.67	1.08E-01	-1.19E-01	-4.40E-02	-8.02E-01	-3.68E-01	6.09E-01	8.04E-01	-8.15E-01	-41.00	1.08E-01	-8.02E-01		
	-68.00	4.73E-06	-3.93E-06	-1.10E-06	-6.17E-05	-2.83E-05	4.69E-05	3.15E-05	-3.07E-05					
46	610.83	8.95E-01	-5.51E-03	2.50E-01	-4.54E-01	-4.91E-01	5.72E-01	1.08E+00	-1.96E-01	-22.77	-5.51E-03	4.54E-01		
	-88.00	2.16E-05	-1.24E-05	-2.79E-06	-3.49E-05	-3.78E-05	4.40E-05	2.89E-05	-1.99E-05					
47	482.63	-6.78E-02	-2.63E-01	-7.43E-02	-2.09E-01	-1.45E-01	4.12E-01	6.49E-02	-3.96E-01	-32.45	-6.78E-02	-2.09E-01		
	-21.00	1.85E-06	-5.67E-06	1.59E-06	-1.60E-05	-1.12E-05	3.17E-05	6.95E-06	-1.08E-05					
48	485.83	-7.82E-01	-1.16E+00	-7.48E-01	-5.67E-01	-2.24E-02	1.22E+00	-3.73E-01	-1.57E+00	-35.80	-8.56E-01	-5.87E-01		
	-12.00	-5.15E-07	-1.50E-05	7.71E-07	-4.36E-05	-1.72E-06	9.37E-05	1.52E-05	-3.08E-05					
49	507.88	-5.82E-02	-1.71E-01	-5.29E-02	-2.23E-01	-1.27E-01	4.77E-01	1.15E-01	-3.45E-01	-37.69	-5.82E-02	-2.23E-01		
	-21.00	8.64E-07	-3.48E-06	1.07E-06	-1.72E-05	-9.76E-06	3.67E-05	7.54E-06	-1.02E-05					
50	538.67	-2.86E-01	-3.67E-01	-2.90E-01	-8.22E-01	-4.06E-01	1.05E+00	4.96E-01	-1.15E+00	-43.63	-1.15E+00	4.03E-02		
	-10.00	-7.01E-07	-3.73E-06	-7.61E-07	-6.33E-05	-3.12E-05	8.04E-05	2.94E-05	-3.39E-05					
51	484.67	2.29E+00	1.54E+00	1.62E+00	3.04E-02	-1.97E-01	1.22E-01	2.29E+00	1.54E+00	2.32	1.54E+00	-3.04E-02		
	8.00	2.83E-05	-5.06E-07	2.29E-06	2.34E-06	-1.51E-05	9.35E-06	2.83E-05	-6.43E-07					
52	507.00	-5.65E-01	-6.77E-01	-4.52E-01	-3.59E-01	-1.95E-01	-6.36E-01	-2.58E-01	-9.84E-01	-40.58	-9.06E-01	-2.25E-01		
	9.00	-3.12E-06	-7.41E-06	1.22E-06	-2.76E-05	-1.50E-05	-4.90E-05	8.71E-06	-1.92E-05					
53	603.00	-3.57E-02	-1.00E-01	-1.56E-01	-3.13E-01	-2.74E-01	3.09E-01	2.47E-01	-3.83E-01	-42.06	1.53E-01	-2.25E-01		
	-18.00	1.83E-06	-6.47E-07	-2.79E-06	-2.41E-05	-2.11E-05	2.37E-05	1.27E-05	-1.15E-05					
54	712.00	-4.42E-02	-2.03E-01	-1.19E-01	-5.09E-01	-6.79E-02	3.89E-01	3.92E-01	-6.39E-01	-40.56	-4.42E-02	-5.09E-01		
	-303.00	2.76E-06	-4.49E-06	-6.60E-07	-4.63E-05	-6.17E-06	3.53E-05	2.26E-05	-2.43E-05					
55	712.00	2.66E-01	8.98E-03	3.32E-02	-5.44E-01	-2.22E-01	3.59E-01	6.96E-01	-4.21E-01	-38.36	2.66E-01	-5.44E-01		
	-213.00	8.09E-06	-3.59E-06	-2.49E-06	-4.94E-05	-2.02E-05	3.26E-05	2.76E-05	-2.31E-05					
56	712.00	5.12E-01	6.21E-02	-6.55E-02	-3.77E-01	-5.74E-01	2.18E-01	7.27E-01	-1.52E-01	-29.59	5.12E-01	-3.77E-01		
	-138.00	8.98E-06	-1.26E-06	-4.16E-06	-1.72E-05	-2.61E-05	9.93E-06	1.38E-05	-6.13E-06					
57	712.00	1.00E-01	-1.30E-01	-1.84E-01	-2.61E-01	-2.52E-01	3.05E-01	2.70E-01	-3.00E-01	-33.09	1.00E-01	-2.61E-01		
	-78.00	6.21E-06	-2.65E-06	-4.73E-06	-2.01E-05	-1.94E-05	2.34E-05	1.27E-05	-9.19E-06					
58	712.00	1.24E-01	-2.59E-02	-1.56E-01	-3.40E-01	-2.41E-01	2.36E-01	3.97E-01	-2.99E-01	-38.78	1.24E-01	-3.40E-01		
	-18.00	5.41E-06	-3.54E-07	-5.38E-06	-2.61E-05	-1.86E-05	1.81E-05	1.59E-05	-1.06E-05					
59	937.00	1.36E+00	6.94E-01	8.23E-01	-4.11E-01	-1.56E-01	2.60E-01	1.56E+00	4.99E-01	-25.46	6.94E-01	4.11E-01		
	-318.00	2.45E-05	-5.84E-06	.00E+00	-3.74E-05	-1.42E-05	2.37E-05	3.34E-05	-1.47E-05					
60	987.00	1.27E-01	-1.59E-01	-1.23E-02	-1.08E+00	-1.22E-01	3.75E-01	1.07E+00	-1.11E+00	-41.24	-1.04E+00	3.83E-01		
	-288.00	6.35E-06	-6.63E-06	.00E+00	-9.63E-05	-1.11E-05	3.41E-05	4.94E-05	-4.97E-05					
61	987.00	-3.07E-01	-3.22E-01	-2.52E-01	-1.06E+00	-4.74E-02	9.25E-02	7.45E-01	-1.37E+00	-44.79	-3.07E-01	-1.06E+00		
	-288.00	-2.51E-06	-3.21E-06	.00E+00	-9.63E-05	-4.31E-06	8.41E-06	4.53E-05	-5.10E-05					
62	1037.00	1.15E+00	5.92E-01	6.98E-01	-7.43E-01	1.31E-02	-4.38E-02	1.67E+00	7.83E-02	-34.65	5.92E-01	7.43E-01		
	-318.00	2.07E-05	-4.83E-06	.00E+00	-6.75E-05	1.19E-06	-3.98E-06	4.40E-05	-2.82E-05					
63	862.00	-2.53E-02	-1.09E-01	-1.82E-01	-5.44E-01	-9.10E-02	1.64E-01	4.78E-01	-6.13E-01	-42.80	-2.53E-02	-5.44E-01		
	-213.00	2.95E-06	-8.49E-07	-4.15E-06	-4.94E-05	-8.27E-06	1.49E-05	2.58E-05	-2.37E-05					
64	1012.00	-1.31E-01	-1.65E-01	-2.67E-01	-5.60E-01	-4.85E-02	4.66E-02	4.12E-01	-7.08E-01	-44.13	-1.31E-01	-5.60E-01		
	-213.00	1.35E-06	-1.09E-07	-4.82E-06	-5.09E-05	-4.41E-06	4.23E-06	2.60E-05	-2.49E-05					
65	837.00	3.68E-01	-6.99E-02	-3.43E-01	-4.43E-01	-8.53E-01	2.84E-01	6.43E-01	-3.45E-01	-31.85	-6.99E-02	4.43E-01		
	-148.00	8.59E-06	-1.35E-06	-7.55E-06	-2.01E-05	-3.88E-05	1.29E-05	1.48E-05	-7.60E-06					
66	937.00	1.61E-01	-8.47E-02	-3.63E-01	-6.71E-01	-2.56E-01	7.49E-02	7.20E-01	-6.44E-01	-39.80	-5.13E-01	4.01E-01		
	-128.00	5.17E-06	-4.24E-07	-6.75E-06	-3.05E-05	-1.16E-05	3.41E-06	1.79E-05	-1.31E-05					
67	1037.00	9.33E-01	1.00E-01	-1.43E-01	-7.10E-01	-3.76E-01	3.60E-01	1.27E+00	-3.32E-01	-31.35	1.00E-01	7.10E-01		
	-148.00	1.48E-05	-1.87E-06	-7.39E-06	-3.23E-05	-1.71E-05	1.64E-05	2.46E-05	-1.17E-05					
68	937.00	3.95E-01	1.94E-01	2.13E-02	-7.34E-01	-4.67E-01	-2.87E-02	1.04E+00	-4.46E-01	-41.10	3.95E-01	-7.34E-01		
	-68.00	8.49E-06	7.53E-07	-5.88E-06	-5.65E-05	-3.59E-05	-2.21E-06	3.31E-05	-2.39E-05					
69	937.00	3.93E-01	-2.43E-01	-2.85E-01	-5.48E-01	-4.10E-01	4.15E-01	7.09E-01	-5.59E-01	-29.94	-2.43E-01	5.48E-01		
	-88.00	1.66E-05	-7.86E-06	-9.49E-06	-4.22E-05	-3.15E-05	3.19E-05	2.87E-05	-2.00E-05					
70	1037.00	-3.39E-01	-5.63E-01	-6.73E-01	-9.14E-01	1.72E-01	1.13E+00	4.70E-01	-1.37E+00	-41.51	-1.16E+00	5.85E-01		
	-68.00	4.26E-06	-4.35E-06	-8.57E-06	-7.03E-05	1.33E-05	8.73E-05	3.54E-05	-3.55E-05					
71	862.00	2.53E-01	4.14E-02	-1.90E-01	-3.49E-01	-3.62E-01	2.56E-01	5.12E-01	-2.17E-01	-36.55	2.53E-01	-3.49E-01		
	-18.00	8.60E-06	4.43E-07	-8.47E-06	-2.68E-05	-2.79E-05	1.97E-05	1.85E-05	-9.50E-06					
72	1012.00	-1.88E-01	-2.66E-01	-5.23E-01	-3.76E-01	5.53E-02	1.09E-01	1.51E-01	-6.05E-01	-42.04	-1.88E-01	-3.76E-01		
	-18.00	3.51E-06	5.08E-07	-9.39E-06	-2.89E-05	4.25E-06	8.41E-06	1.66E-05	-1.25E-05					
73	1387.00	-1.02E-01	-1.40E-01	-1.56E-01	-3.37E-01	-2.26E-02	-3.13E-01	2.17E-01	-4.59E-01	-43.36	-1.02E-01	-3.37E-01		
	-303.00	5.40E-07	-1.21E-06	-1.93E-06	-3.06E-05	-2.05E-06	-2.85E-05	1.50E-05	-1.57E-05					
74	1387.00	-4.58E-02	-7.76E-02	-2.27E-01	-3.88E-01	-5.59E-02	-2.56E-01	3.26E-01	-4.50E-01	-43.83	-4.58E-02	-3.88E-01		

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	-213.00	2.46E-06	1.02E-06	-5.76E-06	-3.52E-05	-5.09E-06	-2.33E-05	1.04E-05	-1.59E-05				
75	1387.00	2.02E-02	-1.17E-01	-4.97E-01	-2.94E-01	-1.23E-01	-2.22E-01	2.55E-01	-3.52E-01	-38.45	2.02E-02	-2.96E-01	
	-138.00	3.58E-06	4.45E-07	-3.17E-06	-1.34E-05	-5.60E-06	-1.01E-05	8.51E-06	-4.69E-06				
76	1187.00	3.50E-01	2.32E-01	-3.97E-02	-3.13E-01	-3.32E-01	-8.59E-01	6.10E-01	-2.78E-02	-39.67	3.50E-01	-3.13E-01	
	-68.00	7.50E-06	2.95E-06	-7.49E-06	-2.41E-05	-2.55E-05	-6.40E-05	1.75E-05	-7.03E-06				
77	1387.00	2.42E-01	1.40E-01	-2.38E-01	-3.22E-01	-2.26E-01	1.24E-01	5.29E-01	-1.27E-01	-39.66	1.40E-01	3.22E-01	
	-88.00	8.27E-06	3.59E-06	-1.10E-05	-2.49E-05	-1.74E-05	9.57E-06	1.85E-05	-6.66E-06				
78	1587.00	-1.51E-01	-1.63E-01	-4.74E-01	-2.71E-01	6.52E-02	-3.45E-01	1.15E-01	-4.28E-01	-44.36	-2.66E-01	2.48E-01	
	-68.00	2.84E-06	2.40E-06	-9.58E-06	-2.09E-05	5.01E-06	-2.65E-05	1.31E-05	-7.81E-06				
79	1237.00	2.74E-01	6.30E-02	-2.41E-01	-2.91E-01	-2.61E-01	-4.39E-02	4.78E-01	-1.41E-01	-35.05	2.74E-01	-2.91E-01	
	-18.00	9.48E-06	1.37E-06	-1.03E-05	-2.24E-05	-2.01E-05	-3.38E-06	1.73E-05	-6.49E-06				
80	1433.80	1.57E-01	1.29E-01	-2.87E-01	-3.47E-01	-4.75E-02	-6.92E-02	4.91E-01	-2.04E-01	-43.87	1.57E-01	-3.47E-01	
	-8.00	6.04E-06	4.58E-06	-1.10E-05	-2.67E-05	-3.65E-06	-5.32E-06	1.89E-05	-7.86E-06				
81	1533.80	2.35E-01	8.44E-02	-2.59E-01	-2.60E-01	2.43E-02	-5.35E-02	4.30E-01	-1.11E-01	-36.90	8.44E-02	2.60E-01	
	-28.00	8.38E-06	2.58E-06	-1.06E-05	-2.00E-05	1.67E-06	-4.12E-06	1.59E-05	-4.91E-06				
82	1633.80	1.37E-01	-6.44E-04	-3.09E-01	-3.23E-02	1.23E-01	-1.06E-01	1.45E-01	-7.83E-03	-12.54	-4.82E-03	-2.12E-02	
	-8.00	7.17E-06	1.86E-06	-9.98E-06	-2.48E-06	9.48E-06	-8.12E-06	7.45E-06	1.59E-06				
83	1433.80	1.17E+00	5.02E-01	2.31E-01	-2.79E-01	-4.21E-01	1.38E-02	1.27E+00	4.01E-01	-19.98	5.02E-01	2.79E-01	
	27.60	2.40E-05	-1.57E-06	-1.20E-05	-2.14E-05	-3.24E-05	1.06E-06	2.79E-05	-5.46E-06				
84	1296.10	3.91E-01	3.21E-02	-2.49E-01	-3.20E-01	-2.51E-01	1.85E-01	5.76E-01	-1.55E-01	-30.33	2.29E-01	3.66E-01	
	40.70	1.31E-05	-6.88E-07	-1.15E-05	-2.46E-05	-1.93E-05	1.42E-05	2.03E-05	-7.88E-06				
85	1148.60	1.66E-01	-4.76E-02	-3.04E-01	-2.96E-01	-2.31E-01	-4.11E-01	3.74E-01	-2.56E-01	-35.09	-1.97E-01	-1.82E-01	
	57.33	8.42E-06	2.15E-07	-9.66E-06	-2.28E-05	-1.77E-05	-3.16E-05	1.44E-05	-7.78E-06				
86	1131.40	1.47E+00	6.76E-01	3.55E-01	-1.07E-01	-8.52E-01	-1.11E-01	1.49E+00	6.62E-01	-7.54	6.76E-01	1.07E-01	
	112.00	2.91E-05	-1.51E-06	-1.38E-05	-8.24E-06	-6.56E-05	-8.55E-06	2.97E-05	-2.05E-06				
87	1019.80	4.46E-01	-5.26E-02	-2.39E-01	-4.40E-01	-4.54E-01	8.89E-01	7.02E-01	-3.09E-01	-30.23	-5.26E-02	4.40E-01	
	34.67	1.55E-05	-3.72E-06	-1.09E-05	-3.38E-05	-3.49E-05	6.83E-05	2.53E-05	-1.36E-05				
88	886.60	1.33E-01	-5.83E-02	-3.02E-01	-2.82E-01	-2.04E-01	3.00E-01	3.35E-01	-2.60E-01	-35.63	1.33E-01	-2.82E-01	
	46.00	7.61E-06	2.54E-07	-9.11E-06	-2.17E-05	-1.57E-05	2.31E-05	1.54E-05	-7.51E-06				
89	869.80	1.05E+00	4.06E-01	1.55E-01	-7.86E-02	-5.98E-01	-1.60E-01	1.06E+00	3.96E-01	-6.87	4.06E-01	7.86E-02	
	96.00	2.26E-05	-2.08E-06	-1.17E-05	-6.05E-06	-4.60E-05	-1.23E-05	2.30E-05	-2.44E-06				
90	952.60	3.11E-02	-5.69E-01	-6.05E-01	-5.61E-01	-2.05E-01	3.77E-01	3.67E-01	-9.05E-01	-30.93	-7.56E-01	4.09E-01	
	128.00	1.30E-05	-9.32E-06	-1.07E-05	-4.31E-05	-1.58E-05	2.90E-05	2.67E-05	-2.22E-05				
91	869.80	2.96E-01	1.34E-01	-1.66E-01	-1.58E-01	-2.72E-01	-1.41E-01	3.92E-01	3.76E-02	-31.45	2.96E-01	-1.58E-01	
	160.00	8.48E-06	2.27E-06	-9.30E-06	-1.22E-05	-2.09E-05	-1.08E-05	1.22E-05	-1.45E-06				
92	869.80	1.29E+00	3.44E-01	1.49E-01	-5.59E-02	-1.04E+00	1.21E-01	1.30E+00	3.41E-01	-3.35	3.44E-01	5.59E-02	
	203.60	3.02E-05	-6.41E-06	-1.39E-05	-4.30E-06	-7.98E-05	9.30E-06	3.03E-05	-6.53E-06				
93	598.67	1.04E-01	-1.31E-01	-1.65E-01	-5.19E-01	-7.81E-01	7.69E-01	5.19E-01	-5.46E-01	-38.62	-1.31E-01	5.19E-01	
	16.00	6.11E-06	-2.93E-06	-4.23E-06	-3.99E-05	-6.01E-05	5.91E-05	2.21E-05	-1.89E-05				
94	645.75	1.10E-01	-2.73E-02	-1.28E-01	-3.29E-01	-2.98E-01	2.76E-01	3.78E-01	-2.95E-01	-39.10	1.10E-01	-3.29E-01	
	24.00	4.74E-06	-5.52E-07	-4.43E-06	-2.53E-05	-2.29E-05	2.12E-05	1.50E-05	-1.08E-05				
95	613.10	3.93E-01	5.07E-01	2.65E-01	-5.12E-01	-4.03E-01	-4.92E-01	9.66E-01	-6.51E-02	-48.17	3.93E-01	-5.12E-01	
	69.33	2.32E-06	6.70E-06	-2.61E-06	-3.94E-05	-3.10E-05	-3.79E-05	2.43E-05	-1.53E-05				
96	708.45	2.28E-01	-4.76E-03	-1.55E-01	-2.75E-01	-3.13E-01	1.41E-01	4.10E-01	-1.87E-01	-33.51	1.75E-01	2.92E-01	
	58.00	8.03E-06	-9.39E-07	-6.72E-06	-2.11E-05	-2.41E-05	1.08E-05	1.50E-05	-7.93E-06				
97	613.10	8.56E-01	3.11E-01	1.93E-01	-1.13E-01	-1.27E+00	1.46E-01	8.78E-01	2.88E-01	-11.24	3.11E-01	1.13E-01	
	96.00	1.90E-05	-2.98E-06	-7.51E-06	-8.67E-06	-9.79E-05	1.12E-05	1.88E-05	-3.85E-06				
98	682.27	2.91E-01	3.53E-02	-1.15E-01	-2.78E-01	-4.02E-01	-8.53E-03	4.69E-01	-1.42E-01	-32.61	-1.33E-01	7.55E-02	
	112.00	8.38E-06	-9.70E-07	-6.75E-06	-2.13E-05	-3.09E-05	-6.56E-07	1.57E-05	-7.80E-06				
99	751.43	6.47E-01	-5.03E-01	-2.77E-01	-4.53E-01	-6.35E-01	6.08E-01	8.03E-01	-6.60E-01	-19.10	-5.03E-01	4.53E-01	
	96.00	2.63E-05	-1.79E-05	-9.17E-06	-3.48E-05	-4.89E-05	4.67E-05	3.24E-05	-2.39E-05				
100	683.25	1.47E-01	-1.06E-01	-2.47E-01	-1.34E-01	-3.16E-01	3.09E-01	2.05E-01	-1.64E-01	-23.35	1.47E-01	-1.34E-01	
	152.00	7.93E-06	-1.82E-06	-7.24E-06	-1.03E-05	-2.43E-05	2.38E-05	1.02E-05	-4.05E-06				
101	648.67	1.17E+00	4.50E-01	2.71E-01	6.35E-03	-8.68E-01	5.39E-02	1.17E+00	4.50E-01	.51	4.50E-01	-6.35E-03	
	192.00	2.42E-05	-3.47E-06	-1.03E-05	4.88E-07	-6.69E-05	4.14E-06	2.42E-05	-3.47E-06				
102	725.25	8.97E-02	-1.57E-01	-3.36E-01	-1.99E-01	-2.51E-01	2.68E-01	1.92E-01	-3.00E-01	-27.13	-7.03E-02	2.45E-01	
	232.70	8.32E-06	-2.72E-06	-8.04E-06	-1.53E-05	-1.93E-05	2.06E-05	1.23E-05	-6.65E-06				
103	635.50	2.75E-01	4.49E-01	9.41E-02	7.57E-02	-2.08E-01	-3.45E-01	4.77E-01	2.47E-01	69.45	2.75E-01	7.57E-02	
	256.00	1.60E-06	8.27E-06	-5.37E-06	5.82E-06	-1.60E-05	-2.64E-05	9.36E-06	5.06E-07				
104	635.50	2.41E-01	2.02E-01	-1.71E-01	9.63E-02	-7.03E-01	5.33E-03	3.20E-01	1.23E-01	39.19	2.02E-01	-9.63E-02	
	290.67	6.29E-06	4.77E-06	-9.58E-06	7.41E-06	-5.41E-05	4.10E-07	9.31E-06	1.75E-06				
105	569.00	-1.94E-01	-2.20E-01	-2.37E-01	-5.89E-01	-3.21E-01	6.12E-01	3.83E-01	-7.96E-01	-44.37	-1.94E-01	-5.89E-01	
	16.50	[illegible]04E-07	-1.31E-06	-1.96E-06	-4.53E-05	-2.47E-05	4.[illegible]-05	2.19E-05	-2.35E-05				
106	508.50	[illegible]7E+00	-7.89E-01	-7.98E-01	-3.82E-01	-7.57E-01	[illegible]01	-5.22E-01	-1.33E+00	-54.98	-7.89E-01	3.82E-0[illegible]	

	1	-1.19E-05	-1.20E-06	-1.52E-06	-2.94E-05	-5.82E-0	[illegible]08E-05	5.10E-06	-2.22E-05				
107	52[illegible]	-3.63E-01	-2.35E-01	-2.37E-01	-5.72E-01	-2.46E-01	[illegible]81E-01	2.76E-01	-8.74E-01	-48.20	-3.63E-01	-5.[illegible]	
	15.[illegible]	-4.00E-06	1.34E-07	7.45E-08	-4.40E-05	-1.89E-05	[illegible].16E-05	1.98E-05	-2.45E-05				
108	526.25	-3.30E-01	-2.22E-01	-2.36E-01	-6.24E-01	-2.19E-01	3.01E-01	3.50E-01	-9.03E-01	-47.46	-3.30E-01	-6.24E-01	
	21.00	-4.03E-06	1.12E-07	-4.18E-07	-4.80E-05	-1.69E-05	2.31E-05	2.21E-05	-2.60E-05				
109	515.50	-6.67E-01	-5.29E-01	-5.75E-01	-7.61E-01	-6.12E-01	1.41E-01	1.66E-01	-1.36E+00	-47.61	-5.29E-01	7.61E-01	
	28.00	-6.20E-06	-8.63E-07	-2.67E-06	-5.95E-05	-4.71E-05	1.08E-05	2.58E-05	-3.29E-05				
110	531.50	-1.75E-01	-1.79E-01	-1.91E-01	-5.26E-01	-1.70E-01	2.88E-01	3.49E-01	-7.03E-01	-44.93	-1.76E-01	-5.26E-01	
	34.50	-7.67E-07	-8.68E-07	-1.36E-06	-4.05E-05	-1.31E-05	2.22E-05	1.94E-05	-2.11E-05				
111	515.50	5.18E-01	7.85E-01	5.14E-01	-1.46E+00	-1.53E-01	-8.33E-01	2.12E+00	-8.17E-01	-47.61	5.19E-01	-1.46E+00	
	44.00	-3.81E-08	1.02E-05	-1.99E-07	-1.12E-04	-1.18E-05	-6.41E-05	6.16E-05	-5.14E-05				
112	515.50	2.11E-01	5.11E-02	-8.15E-03	-3.46E-01	-4.43E-01	1.23E-01	4.86E-01	-2.24E-01	-38.47	5.11E-02	3.46E-01	
	53.33	5.34E-06	-8.30E-07	-3.11E-06	-2.66E-05	-3.41E-05	9.48E-06	1.59E-05	-1.14E-05				
113	547.50	-9.25E-02	-5.91E-01	-3.80E-01	-6.12E-01	-2.17E-01	1.12E+00	3.19E-01	-1.00E+00	-33.93	-7.76E-01	4.98E-01	
	64.00	8.12E-06	-1.10E-05	-2.93E-06	-4.71E-05	-1.67E-05	8.58E-05	2.40E-05	-2.69E-05				
114	515.50	4.39E-01	4.70E-01	3.02E-01	-5.96E-01	-7.21E-02	-1.92E-01	1.05E+00	-1.42E-01	-45.74	4.39E-01	-5.96E-01	
	74.67	3.57E-06	4.76E-06	-1.68E-06	-4.59E-05	-5.54E-06	-1.47E-05	2.71E-05	-1.88E-05				
115	515.50	1.07E+00	6.08E-01	5.70E-01	-2.35E-01	-2.66E-01	1.27E-01	1.17E+00	5.10E-01	-22.61	6.08E-01	2.35E-01	
	88.00	1.66E-05	-1.37E-06	-2.81E-06	-1.81E-05	-2.05E-05	9.79E-06	2.03E-05	-5.13E-06				
116	547.50	4.46E-01	-1.80E-01	1.01E-02	-8.06E-01	-1.38E-01	5.10E-01	9.98E-01	-7.31E-01	-34.39	-5.22E-01	5.64E-01	
	104.00	1.41E-05	-9.95E-06	-2.65E-06	-6.20E-05	-1.06E-05	3.92E-05	3.53E-05	-3.12E-05				
117	515.50	3.32E-02	2.29E-03	-9.18E-02	-5.21E-01	-3.72E-02	-1.47E-02	5.39E-01	-5.03E-01	-44.15	3.32E-02	-5.21E-01	
	120.00	1.89E-06	7.08E-07	-2.91E-06	-4.01E-05	-2.86E-06	-1.13E-06	2.13E-05	-1.87E-05				
118	515.50	5.37E-01	2.58E-01	1.69E-01	-2.00E-01	-1.86E-01	1.03E-01	6.41E-01	1.54E-01	-27.54	2.58E-01	2.00E-01	
	136.00	1.01E-05	-6.67E-07	-4.10E-06	-1.54E-05	-1.43E-05	7.95E-06	1.41E-05	-4.67E-06				
119	547.50	4.51E-01	1.65E-01	1.06E-01	-4.40E-01	-8.41E-02	1.06E-01	7.71E-01	-1.55E-01	-36.00	-2.57E-02	3.21E-01	
	152.00	9.41E-06	-1.59E-06	-3.86E-06	-3.39E-05	-6.47E-06	8.12E-06	2.17E-05	-1.39E-05				
120	515.50	2.28E-01	1.92E-01	2.30E-02	-2.94E-01	-8.13E-02	-3.11E-01	5.04E-01	-8.42E-02	-43.26	2.28E-01	-2.94E-01	
	168.00	3.90E-06	2.52E-06	-3.99E-06	-2.26E-05	-6.25E-06	-2.39E-05	1.45E-05	-8.11E-06				
121	515.50	8.75E-01	4.71E-01	3.36E-01	-1.43E-01	-3.33E-01	7.13E-02	9.20E-01	4.26E-01	-17.62	4.71E-01	1.43E-01	
	184.00	1.52E-05	-3.63E-07	-5.57E-06	-1.10E-05	-2.57E-05	5.48E-06	1.69E-05	-2.10E-06				
122	547.50	1.21E-01	-4.01E-01	-3.03E-01	-5.41E-01	-1.41E-01	3.96E-01	4.61E-01	-7.40E-01	-32.12	-6.25E-01	3.54E-01	
	200.00	1.11E-05	-9.02E-06	-5.24E-06	-4.16E-05	-1.09E-05	3.05E-05	2.41E-05	-2.21E-05				
123	515.50	-1.72E-01	-2.69E-01	-3.56E-01	-1.92E-01	-6.56E-02	-3.66E-01	-2.18E-02	-4.18E-01	-37.93	-1.72E-01	-1.92E-01	
	216.00	2.15E-06	-1.58E-06	-4.94E-06	-1.48E-05	-5.04E-06	-2.82E-05	7.90E-06	-7.34E-06				
124	515.50	1.83E-01	1.93E-02	-1.60E-01	-4.13E-02	-3.03E-01	4.96E-02	1.93E-01	9.53E-03	-13.36	1.93E-02	4.13E-02	
	232.00	6.58E-06	2.75E-07	-6.62E-06	-3.18E-06	-2.33E-05	3.82E-06	6.96E-06	-1.02E-07				
125	547.50	-2.21E-01	-3.93E-01	-4.73E-01	-1.14E-01	-1.14E-01	6.98E-01	-1.65E-01	-4.50E-01	-26.54	-4.36E-01	6.04E-02	
	248.00	3.44E-06	-3.17E-06	-6.24E-06	-8.79E-06	-8.74E-06	5.37E-05	5.63E-06	-5.37E-06				
126	515.50	-5.07E-01	-6.80E-01	-6.64E-01	1.26E-01	3.54E-02	-7.67E-02	-4.41E-01	-7.46E-01	27.72	-5.07E-01	1.26E-01	
	264.00	8.47E-07	-5.82E-06	-5.19E-06	9.68E-06	2.72E-06	-5.90E-06	3.39E-06	-8.37E-06				
127	515.50	-1.30E-01	-1.54E-01	-3.08E-01	9.48E-03	-2.51E-02	3.89E-02	-1.27E-01	-1.57E-01	19.42	-1.54E-01	-9.48E-03	
	276.00	1.50E-06	5.95E-07	-5.35E-06	7.29E-07	-1.93E-06	2.99E-06	1.63E-06	4.67E-07				
128	531.50	-3.24E-01	-1.61E-01	-3.77E-01	8.40E-03	3.23E-02	2.38E-02	-1.61E-01	-3.24E-01	67.05	-3.24E-01	8.40E-03	
	297.00	-2.98E-06	3.27E-06	-5.02E-06	6.46E-07	2.49E-06	1.83E-06	3.28E-06	-3.00E-06				
129	515.50	-8.82E-01	-5.45E-01	-7.33E-01	1.97E-01	2.59E-02	-1.58E-01	-4.55E-01	-9.72E-01	65.28	-8.82E-01	1.97E-01	
	320.00	-1.02E-05	2.77E-06	-4.45E-06	1.51E-05	1.99E-06	-1.21E-05	6.25E-06	-1.37E-05				
183	565.50	-2.15E-02	-8.50E-02	-6.90E-02	-8.74E-01	-4.17E-01	5.83E-01	8.21E-01	-9.28E-01	-43.96	-2.15E-02	-8.74E-01	
	-8.00	1.10E-06	-1.34E-06	-7.25E-07	-6.72E-05	-3.21E-05	4.49E-05	3.35E-05	-3.38E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .7500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3529E+00	.4246E+01	-.6934E+02	-.5389E+01	-.8912E+01	.6887E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.1477E+01	-.9035E+00	-.4269E+00	-.5819E+01	.2647E+01	.4771E+01

9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1771E+01	.3528E+00	-.2441E+00	-.1008E+02	.6684E+01	.8711E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2462E+01	-.5343E+00	-.8655E-01	-.1441E+02	.1045E+02	.1304E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.3251E+01	.5594E+00	-.1150E+00	-.1913E+02	.1455E+02	.1781E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1203E+01	.5571E-02	-.1850E+00	-.2778E+02	.1822E+02	.2433E+02
25	-.4028E+01	-.6761E+00	-.6923E-01	-.3505E+02	.1995E+02	.3119E+02
26	.8870E+01	.1375E+01	-.1128E+00	-.3729E+02	.2141E+02	.3624E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1747E+02	.3934E+01	-.1046E+01	-.3754E+02	.3077E+02	.4046E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.5345E+03	-.8696E+02	-.2015E+00	-.5906E+02	.8230E+02	.6843E+02
40	-.3339E+03	-.4711E+02	-.4549E+01	-.5422E+02	.8111E+02	.6152E+02
41	-.1751E+03	-.1893E+02	-.6797E+01	-.4526E+02	.7355E+02	.5206E+02
42	-.2454E+02	.1460E+01	-.4686E+01	-.3783E+02	.5283E+02	.4480E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.2440E+03	.2798E+02	.7561E+00	-.3883E+01	.9015E+02	-.5541E+02
48	.2094E+03	.2462E+02	.1166E+01	-.2552E+02	.8161E+02	-.3813E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.5915E+03	.8947E+02	.2949E+01	-.1475E+02	.5698E+02	-.1214E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.9907E+00	-.5528E+01	-.4445E+00	-.1218E+01	.8717E+02	-.5342E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.4069E+03	.6143E+02	.2920E+01	-.1951E+02	.4346E+02	-.1102E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2865E+03	.4332E+02	.3866E+01	-.1662E+02	.3809E+02	-.1065E+03
66	.1001E+03	.1523E+02	.4850E+01	-.1679E+02	.2299E+02	-.1108E+03
67	-.1829E+03	-.2736E+02	.4920E+01	-.1585E+02	.6979E+01	-.1095E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.3234E+03	-.4656E+02	.4106E+01	-.3424E+02	-.1053E+02	-.1292E+03
76	.3573E+02	.6120E+01	.2964E+01	-.4160E+02	-.3094E+02	-.1365E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1406E+03	-.2156E+02	.2297E+01	-.4237E+02	-.5448E+02	-.1297E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.5671E+02	.7913E+01	.1685E+01	-.5160E+02	-.6850E+02	-.1313E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.8491E+02	-.1355E+02	.1536E+01	-.4057E+02	-.8962E+02	-.1190E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.4648E+02	.6032E+01	.1253E+01	-.3294E+02	-.1018E+03	-.1070E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.5626E+02	-.9547E+01	.1249E+01	-.3261E+02	-.1192E+03	-.9771E+02
109	.3322E+02	.3764E+01	.1149E+01	-.3017E+02	-.1303E+03	-.8354E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.4984E+02	-.8850E+01	.1081E+01	-.1855E+02	-.1445E+03	-.7330E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.4221E+02	-.7707E+01	.2287E+00	-.1077E+02	-.1497E+03	-.6132E+02
115	-.6139E+01	-.2439E+01	-.1353E+00	.4605E+00	-.1513E+03	-.4690E+02
116	-.5996E+02	-.1068E+02	-.7675E+00	.5094E+01	-.1566E+03	-.4217E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.4809E+02	-.8972E+01	-.1308E+01	-.2188E+01	-.1593E+03	-.3165E+02
119	-.3795E+02	-.7299E+01	-.1978E+01	.1134E+02	-.1438E+03	-.2530E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.7626E+02	-.9129E+01	-.4784E+01	.9221E+01	-.1187E+03	-.1820E+02
122	-.6600E+02	-.3437E+01	-.6913E+01	-.5605E+01	-.1142E+03	-.1218E+02
123	-.4987E+02	-.2103E+01	-.5913E+01	-.4324E+01	-.9929E+02	-.1080E+02
124	-.3625E+02	-.1534E+01	-.4063E+01	-.3426E+01	-.8144E+02	-.9680E+01
125	-.2315E+02	-.5304E+00	-.2955E+01	-.2677E+01	-.6698E+02	-.8618E+01
126	-.5609E+01	.2109E+01	-.2745E+01	-.1717E+01	-.5577E+02	-.7483E+01
127	.6942E+01	.4208E+01	-.2775E+01	-.1039E+01	-.4706E+02	-.6070E+01
128	.1949E+02	.5819E+01	-.2524E+01	.5011E+00	-.2954E+02	-.4504E+01
129	.1923E+02	.4955E+01	-.1963E+01	.1350E+01	-.1572E+02	-.3198E+01
130	.1313E+02	.2985E+01	-.1264E+01	.1476E+01	-.5870E+01	-.2396E+01
131	.3278E+01	.5092E+00	-.6709E+00	.1282E+01	-.1044E+01	-.2017E+01
132	-.4608E+00	-.2515E+00	-.4605E+00	.7162E+00	-.1791E+01	-.1923E+01
133	-.6332E+00	-.1909E+00	-.4503E+00	.4235E+00	-.2556E+01	-.1582E+01
134	-.1776E+00	-.5279E-01	-.4684E+00	.3171E+00	-.2262E+01	-.1255E+01
135	-.4760E-04	.6376E-03	-.5323E+00	.2533E+00	-.1595E+01	-.9217E+00
136	.1609E-01	.9057E-03	-.7070E+00	.1871E+00	-.1015E+01	-.6122E+00

137	.19581E-01	.6941E-02	-.1123E+01	.1451E+00	-.4557E+00	-.3341E+00
138	-.6610E-02	-.3037E-01	-.1990E+02	.1144E+00	.1254E+00	-.1709E+00
139	-.2289E-01	-.3727E-01	.1005E+02	.1642E-01	-.6831E-01	.7207E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.77490E-02	-.56264E-04	.78339E-02	.00000E+00
3	-.14454E-01	-.17147E-03	.14460E-01	.00000E+00
4	-.15797E-01	-.16674E-03	.15740E-01	.00000E+00
5	-.17205E-01	-.99103E-05	.17214E-01	.00000E+00
6	-.19903E-01	.33105E-05	.19809E-01	-.34281E-05
7	-.17981E-01	-.30343E-03	.18297E-01	.00000E+00
8	-.19975E-01	-.24743E-03	.20073E-01	-.91845E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.77718E-02	-.70166E-04	.79384E-02	.00000E+00
11	-.14663E-01	-.17406E-03	.15010E-01	.00000E+00
12	-.16480E-01	-.20650E-03	.16887E-01	.00000E+00
13	-.18000E-01	-.17499E-03	.18255E-01	.00000E+00
14	-.20119E-01	-.24979E-03	.20532E-01	-.16311E-05
15	-.18309E-01	-.39308E-03	.19490E-01	.00000E+00
16	-.20329E-01	-.37953E-03	.21283E-01	.76107E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.79256E-02	-.74568E-04	.84932E-02	.00000E+00
19	-.15047E-01	-.17594E-03	.16171E-01	.00000E+00
20	-.16966E-01	-.23242E-03	.18273E-01	.00000E+00
21	-.18538E-01	-.15679E-03	.19776E-01	.00000E+00
22	-.20618E-01	-.22790E-03	.22327E-01	.39189E-06
23	-.19153E-01	-.52071E-03	.21906E-01	.00000E+00
24	-.20972E-01	-.46649E-03	.23686E-01	-.64476E-05
25	-.21213E-01	-.63132E-03	.24546E-01	.16558E-06
26	-.21355E-01	-.57760E-03	.25049E-01	.44577E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.80542E-02	-.13545E-03	.91891E-02	.00000E+00
29	-.15582E-01	-.29573E-03	.17657E-01	.00000E+00
30	-.17494E-01	-.35739E-03	.20077E-01	.00000E+00
31	-.19345E-01	-.48385E-03	.22525E-01	.00000E+00
32	-.21504E-01	-.62555E-03	.25602E-01	-.16795E-04
33	-.19327E-01	-.76577E-03	.22695E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.80458E-02	-.22482E-03	.93569E-02	.00000E+00
36	-.15796E-01	-.36303E-03	.18758E-01	.00000E+00
37	-.17759E-01	-.42118E-03	.20239E-01	.00000E+00
38	-.19982E-01	-.55286E-03	.23640E-01	.00000E+00
39	-.21769E-01	-.85383E-03	.26559E-01	.13799E-04
40	-.21721E-01	-.94665E-03	.26336E-01	.26018E-05
41	-.21675E-01	-.92317E-03	.26127E-01	-.52956E-05
42	-.21607E-01	-.81742E-03	.25892E-01	-.13155E-04
43	-.17797E-01	-.52515E-03	.20860E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.77771E-02	.21990E-03	.92848E-02	.00000E+00
46	-.16028E-01	-.22482E-03	.18648E-01	.00000E+00
47	-.21792E-01	-.75133E-03	.26651E-01	.12132E-04
48	-.21784E-01	-.80197E-03	.26432E-01	.18208E-04
49	-.19970E-01	-.57902E-03	.23493E-01	.00000E+00
50	-.21999E-01	-.80417E-03	.26741E-01	.50762E-04
51	-.20264E-01	-.61796E-03	.23679E-01	.00000E+00
52	-.22792E-01	-.65415E-03	.25949E-01	.00000E+00
53	-.21813E-01	-.67795E-03	.26723E-01	.31206E-05
54	-.17820E-01	-.21173E-03	.20131E-01	.00000E+00
[illegible]	-.20040E-01	-.52636E-03	.22512E-01	[illegible]000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	[illegible]000E+00

	-.58403E-02	-.66042E-03	.78802E-02	.00000E+00
	-.14603E-01	-.37551E-03	.15228E-01	.00000E+00
	-.23344E-01	-.49559E-03	.25759E-01	.00000E+00
60	-.23345E-01	-.64723E-03	.25585E-01	.00000E+00
61	-.22103E-01	-.80931E-03	.26815E-01	.77460E-04
62	-.17329E-01	-.15565E-03	.18786E-01	.00000E+00
63	-.19848E-01	-.94507E-04	.21460E-01	.00000E+00
64	-.23261E-01	-.65465E-03	.25395E-01	.00000E+00
65	-.22455E-01	-.81279E-03	.26894E-01	.95897E-04
66	-.23101E-01	-.91322E-03	.27023E-01	.11617E-03
67	-.23798E-01	-.82261E-03	.27174E-01	.11065E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.55225E-02	.14740E-03	.56094E-02	.00000E+00
70	-.15980E-01	-.30107E-04	.17992E-01	.00000E+00
71	-.23108E-01	-.14485E-03	.25311E-01	.00000E+00
72	-.23922E-01	-.60371E-03	.26583E-01	.00000E+00
73	-.19773E-01	-.11567E-03	.22418E-01	.00000E+00
74	-.25400E-01	-.65445E-03	.27636E-01	.00000E+00
75	-.24389E-01	-.82751E-03	.27308E-01	.84025E-04
76	-.25180E-01	-.85932E-03	.27521E-01	.59413E-04
77	-.22564E-01	-.71489E-04	.25203E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.67162E-02	-.13662E-03	.82714E-02	.00000E+00
80	-.15602E-01	.16939E-03	.17991E-01	.00000E+00
81	-.17384E-01	.11214E-03	.20159E-01	.00000E+00
82	-.19200E-01	.15232E-03	.21926E-01	.00000E+00
83	-.25826E-01	-.27279E-03	.28283E-01	.00000E+00
84	-.24990E-01	-.17622E-03	.28392E-01	.00000E+00
85	-.26073E-01	-.87041E-03	.27829E-01	.46551E-04
86	-.26327E-01	-.65782E-03	.28042E-01	.00000E+00
87	-.23150E-01	-.13242E-03	.26230E-01	.00000E+00
88	-.26543E-01	-.63220E-03	.28616E-01	.00000E+00
89	-.26686E-01	-.90944E-03	.28096E-01	.37590E-04
90	-.19305E-01	.40957E-05	.23257E-01	.00000E+00
91	-.20470E-01	-.25501E-04	.24175E-01	.00000E+00
92	-.21757E-01	-.42538E-03	.25188E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.87817E-02	.00000E+00	.10978E-01	.00000E+00
95	-.15837E-01	.00000E+00	.19522E-01	.00000E+00
96	-.17896E-01	.00000E+00	.21738E-01	.00000E+00
97	-.18824E-01	.00000E+00	.22586E-01	.00000E+00
98	-.18736E-01	.00000E+00	.22549E-01	.00000E+00
99	-.19896E-01	-.22367E-03	.23551E-01	.00000E+00
100	-.23102E-01	-.51322E-03	.25605E-01	.00000E+00
101	-.26497E-01	-.81358E-03	.29448E-01	.00000E+00
102	-.27637E-01	-.95272E-03	.28509E-01	.33763E-04
103	-.27162E-01	-.56203E-03	.30047E-01	.00000E+00
104	-.27989E-01	-.81333E-03	.29041E-01	.00000E+00
105	-.28305E-01	-.98994E-03	.28848E-01	.29628E-04
106	-.28220E-01	-.61540E-03	.30949E-01	.00000E+00
107	-.29159E-01	-.96384E-03	.29965E-01	.00000E+00
108	-.29084E-01	-.10268E-02	.29191E-01	.28423E-04
109	-.29645E-01	-.10566E-02	.29442E-01	.23946E-04
110	-.29703E-01	-.16150E-02	.32248E-01	.00000E+00
111	-.30406E-01	-.12383E-02	.31062E-01	.00000E+00
112	-.30250E-01	-.10927E-02	.29694E-01	.21480E-04
113	-.30216E-01	-.13653E-02	.31819E-01	.00000E+00
114	-.30596E-01	-.10319E-02	.29821E-01	.89767E-05
115	-.30744E-01	-.11087E-02	.29955E-01	.42905E-05
116	-.30427E-01	-.11001E-02	.29965E-01	.27238E-05
117	-.30631E-01	-.12364E-02	.31104E-01	.00000E+00
118	-.30854E-01	-.11018E-02	.29980E-01	.15833E-05
119	-.30870E-01	-.11021E-02	.29988E-01	.32192E-06
120	-.30781E-01	-.13300E-02	.31070E-01	.00000E+00

121	-.30856E-01	-.10[illegible]25E-02	.29927E-01	-.30366E-05
122	-.30844E-01	-.10468E-02	.29943E-01	-.51250E-05
123	-.30830E-01	-.10101E-02	.29954E-01	-.67305E-05
124	-.30812E-01	-.96249E-03	.29965E-01	-.87704E-05
125	-.30795E-01	-.90117E-03	.29975E-01	-.11262E-04
126	-.30723E-01	-.76808E-03	.29995E-01	-.14679E-04
127	-.30650E-01	-.61158E-03	.30012E-01	-.18063E-04
128	-.30497E-01	-.26412E-03	.30049E-01	-.14562E-04
129	-.30482E-01	.17319E-04	.30081E-01	-.10700E-04
130	-.30303E-01	.22919E-03	.30117E-01	-.56956E-05
131	-.30279E-01	.32319E-03	.30172E-01	.61863E-06
132	-.30309E-01	.24193E-03	.30222E-01	.24885E-05
133	-.30340E-01	.14552E-03	.30267E-01	.18157E-05
134	-.30356E-01	.92118E-04	.30303E-01	.99860E-06
135	-.30365E-01	.64114E-04	.30334E-01	.58519E-06
136	-.30370E-01	.42358E-04	.30356E-01	.58446E-06
137	-.30374E-01	.26002E-04	.30369E-01	.44637E-06
138	-.30376E-01	.49357E-05	.30376E-01	.72621E-06
139	-.30376E-01	.55277E-06	.30376E-01	.57068E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-5.35E-03	-1.75E-02	1.56E-02	-9.50E-01	-4.85E-03	9.69E-01	9.39E-01	-9.62E-01	-44.82	-5.35E-03	-9.50E-01
	-303.00	-1.49E-07	-7.02E-07	8.04E-07	-8.64E-05	-4.41E-07	8.81E-05	4.28E-05	-4.36E-05			
2	72.00	-2.23E-02	-3.01E-02	4.15E-02	-8.30E-01	2.66E-03	8.55E-01	8.04E-01	-8.56E-01	-44.86	-2.23E-02	-8.30E-01
	-213.00	-8.71E-07	-1.23E-06	2.03E-06	-7.55E-05	2.42E-07	7.77E-05	3.67E-05	-3.88E-05			
3	72.00	-1.65E-01	-3.80E-02	7.89E-02	-5.82E-01	7.58E-02	6.34E-01	4.85E-01	-6.87E-01	-48.10	-1.65E-01	-5.82E-01
	-138.00	-3.09E-06	-2.14E-07	2.44E-06	-2.65E-05	3.45E-06	2.88E-05	1.17E-05	-1.50E-05			
4	24.00	-8.10E-01	-4.53E-01	-5.92E-01	-1.14E+00	2.26E-01	1.28E+00	5.18E-01	-1.78E+00	-49.46	-8.10E-01	-1.14E+00
	-68.00	-1.08E-05	2.95E-06	-2.37E-06	-8.74E-05	1.74E-05	9.87E-05	4.03E-05	-4.82E-05			
5	72.00	2.42E-01	1.54E-01	3.64E-01	-4.86E-01	6.20E-03	4.96E-01	6.86E-01	-2.90E-01	-42.43	1.54E-01	4.86E-01
	-88.00	9.43E-07	-2.42E-06	5.65E-06	-3.74E-05	4.77E-07	3.81E-05	1.80E-05	-1.95E-05			
6	120.00	1.26E-01	1.19E-01	2.21E-01	-9.61E-01	-5.16E-02	9.21E-01	1.08E+00	-8.38E-01	-44.88	-8.23E-01	1.69E-01
	-68.00	-2.65E-07	-5.65E-07	3.39E-06	-7.39E-05	-3.97E-06	7.08E-05	3.65E-05	-3.74E-05			
7	36.25	-2.79E-01	-1.08E-01	-4.99E-02	-5.75E-01	7.66E-02	5.49E-01	3.87E-01	-7.74E-01	-49.22	-2.59E-01	-5.77E-01
	-19.00	-5.92E-06	6.35E-07	2.88E-06	-4.42E-05	5.89E-06	4.22E-05	1.97E-05	-2.50E-05			
8	108.00	3.45E-02	5.58E-02	1.29E-01	-4.49E-01	5.11E-03	4.84E-01	4.97E-01	-4.02E-01	-45.81	3.45E-02	-4.49E-01
	-19.00	-1.13E-06	-1.54E-07	2.51E-06	-3.46E-05	3.93E-07	3.72E-05	1.67E-05	-1.79E-05			
9	216.00	-2.07E-02	-3.72E-02	-1.30E-03	-9.61E-01	1.21E-02	1.01E+00	9.27E-01	-9.94E-01	-44.89	-2.97E-02	-9.61E-01
	-303.00	-4.65E-07	-8.05E-07	8.27E-07	-8.73E-05	1.10E-06	9.15E-05	4.30E-05	-4.43E-05			
10	216.00	-5.76E-02	-4.31E-02	3.76E-02	-8.55E-01	3.77E-02	9.08E-01	8.05E-01	-9.06E-01	-45.24	-5.76E-02	-8.55E-01
	-213.00	-1.80E-05	-1.14E-06	2.53E-06	-7.78E-05	3.43E-06	8.25E-05	3.74E-05	-4.03E-05			
11	216.00	-1.38E-01	-3.97E-02	1.58E-01	-6.68E-01	1.14E-01	7.50E-01	6.01E-01	-7.78E-01	-47.04	-1.38E-01	-6.89E-01
	-138.00	-3.02E-06	-7.99E-07	3.69E-06	-3.13E-05	5.16E-06	3.41E-05	1.38E-05	-1.76E-05			
12	168.00	-3.21E-01	-2.65E-01	-1.46E-01	-1.10E+00	1.91E-01	1.17E+00	8.03E-01	-1.39E+00	-45.72	-3.21E-01	-1.10E+00
	-68.00	-4.29E-06	-2.16E-06	2.42E-06	-8.43E-05	1.47E-05	9.02E-05	3.89E-05	-4.54E-05			
13	216.00	3.07E-01	1.37E-01	3.98E-01	-4.28E-01	6.18E-02	4.10E-01	6.59E-01	-2.14E-01	-39.36	1.37E-01	4.28E-01
	-88.00	2.57E-06	-3.99E-06	6.05E-06	-3.29E-05	4.75E-06	3.15E-05	1.61E-05	-1.75E-05			
14	264.00	2.07E-02	1.07E-01	2.31E-01	-9.27E-01	-1.26E-02	9.27E-01	9.91E-01	-8.64E-01	-46.33	-8.40E-01	2.09E-01
	-68.00	-3.14E-06	1.60E-07	4.95E-06	-7.13E-05	-9.70E-07	7.13E-05	3.42E-05	-3.72E-05			
15	180.00	-1.02E-01	-2.07E-02	9.26E-02	-4.96E-01	1.29E-01	4.78E-01	4.36E-01	-5.59E-01	-47.36	-1.02E-01	-4.96E-01
	-19.00	-3.60E-06	-4.59E-07	3.90E-06	-3.31E-05	9.89E-06	3.68E-05	1.71E-05	-2.12E-05			
16	252.00	-4.02E-02	4.10E-02	1.94E-01	-4.24E-01	5.44E-02	5.02E-01	4.27E-01	-4.26E-01	-47.73	-4.02E-02	-4.24E-01
	-19.00	-3.58E-06	-4.53E-07	5.05E-06	-3.26E-05	4.19E-06	3.86E-05	1.44E-05	-1.94E-05			
17	361.00	-2.85E-02	-4.45E-02	7.08E-03	-9.79E-01	1.32E-02	1.08E+00	9.42E-01	-1.02E+00	-44.77	-2.85E-02	-9.79E-01
	-303.00	-4.40E-07	-1.17E-06	1.18E-06	-8.90E-05	1.20E-06	9.84E-05	4.37E-05	-4.53E-05			
18	361.00	[illegible].45E-02	-4.65E-02	6.01E-02	-9.02E-01	4.48E-02	9.[illegible]2E-01	8.47E-01	-9.58E-01	-45.29	-6.45E-02	-9.02E-[illegible]
	-213.00	[illegible]27E-06	-1.45E-06	3.39E-06	-8.20E-05	4.03E-06	[illegible]-05	3.91E-05	-4.29E-05			
19	361	[illegible]3E-01	-3.84E-02	2.23E-01	-7.20E-01	1.40E-01	[illegible]-01	6.27E-01	-8.18E-01	-47.27	-1.53E-01	-7.2[illegible]

	-138.00	[illegible]4E-06	-1.04E-06	4.91E-06	-3.27E-05	6.36E-06	[illegible]-05	1.41E-05	-1.88E-05					
20	312.00	[illegible]49E-01	-3.74E-01	-2.17E-01	-1.22E+00	3.30E-01	[illegible]+00	7.61E-01	-1.68E+00	-47.05	-5.49E-01	-1.22E[illegible]		
	-68.00	[illegible].58E-06	-1.87E-06	4.15E-06	-9.38E-05	2.54E-05	[illegible]E-04	4.18E-05	-5.23E-05					
21	360.67	4.92E-01	2.65E-01	5.61E-01	-5.45E-01	6.52E-02	6.10E-01	9.30E-01	-1.80E-01	-39.45	2.68E-01	5.45E-01		
	-88.00	4.13E-06	-4.09E-06	7.14E-06	-4.19E-05	5.02E-06	4.69E-05	2.14E-05	-2.13E-05					
22	409.33	-2.35E-01	-3.48E-01	-3.51E-03	-1.16E+00	2.66E-02	1.47E+00	8.65E-01	-1.45E+00	-43.60	-1.43E+00	1.83E-01		
	-68.00	-2.59E-06	-6.94E-06	6.31E-06	-8.88E-05	2.05E-06	1.13E-04	3.97E-05	-4.92E-05					
23	324.00	-1.97E-01	-2.61E-02	1.47E-01	-4.92E-01	2.31E-01	4.99E-01	2.87E-01	-6.11E-01	-49.94	-1.97E-01	-4.92E-01		
	-19.00	-6.75E-06	-1.63E-07	6.50E-06	-3.78E-05	1.77E-05	3.84E-05	1.57E-05	-2.27E-05					
24	372.00	-1.40E-01	3.16E-02	2.26E-01	-1.34E+00	2.14E-01	1.41E+00	1.29E+00	-1.39E+00	-46.84	-1.40E-01	-1.34E+00		
	-9.33	-6.69E-06	-7.17E-08	7.40E-06	-1.03E-04	1.65E-05	1.08E-04	4.82E-05	-5.49E-05					
25	401.25	-1.93E-02	4.14E-02	3.03E-01	-4.30E-01	8.65E-02	5.69E-01	4.42E-01	-4.20E-01	-47.02	3.83E-01	-2.18E-01		
	-19.00	-4.31E-06	-1.98E-06	8.08E-06	-3.31E-05	6.66E-06	4.37E-05	1.34E-05	-1.97E-05					
26	427.67	-5.66E-01	-5.32E-01	-1.69E-01	-1.45E+00	2.82E-01	1.96E+00	9.03E-01	-2.00E+00	-45.34	-1.42E+00	-1.16E+00		
	-9.33	-7.86E-06	-6.54E-06	7.44E-06	-1.12E-04	2.17E-05	1.51E-04	4.86E-05	-6.36E-05					
27	457.00	-2.32E-02	-6.92E-02	4.24E-03	-9.95E-01	5.34E-03	1.14E+00	9.49E-01	-1.04E+00	-44.34	-2.32E-02	-9.95E-01		
	-303.00	9.07E-08	-2.00E-06	1.34E-06	-9.04E-05	4.86E-07	1.03E-04	4.43E-05	-4.62E-05					
28	457.00	-5.31E-02	-4.08E-02	8.01E-02	-9.53E-01	4.99E-02	1.07E+00	9.06E-01	-1.00E+00	-45.19	-5.31E-02	-9.53E-01		
	-213.00	-2.24E-06	-1.67E-06	3.82E-06	-8.66E-05	4.54E-06	9.71E-05	4.14E-05	-4.53E-05					
29	457.00	-2.61E-01	-7.79E-02	1.99E-01	-7.44E-01	6.69E-02	8.24E-01	5.80E-01	-9.19E-01	-48.52	-2.61E-01	-7.44E-01		
	-138.00	-5.20E-06	-1.03E-06	5.25E-06	-3.38E-05	3.04E-06	3.75E-05	1.39E-05	-2.02E-05					
30	442.00	-2.11E-01	-5.17E-01	-7.83E-02	-1.35E+00	1.61E-02	1.64E+00	9.97E-01	-1.72E+00	-41.77	-2.11E-01	-1.35E+00		
	-68.00	7.52E-07	-1.10E-05	5.84E-06	-1.04E-04	1.24E-06	1.26E-04	4.72E-05	-5.75E-05					
31	457.33	1.60E+00	7.92E-01	1.15E+00	-4.59E-01	-6.73E-01	8.20E-01	1.81E+00	5.85E-01	-24.32	7.92E-01	4.59E-01		
	-88.00	2.26E-05	-8.51E-06	5.42E-06	-3.53E-05	-5.18E-05	6.31E-05	3.06E-05	-1.65E-05					
32	472.67	-2.56E+00	-2.06E+00	-1.65E+00	-1.18E+00	4.91E-01	2.02E+00	-1.09E+00	-3.50E+00	-51.22	-3.26E+00	-7.30E-01		
	-68.00	-2.98E-05	-9.78E-06	5.25E-06	-9.06E-05	3.77E-05	1.55E-04	2.66E-05	-6.61E-05					
33	443.00	-1.89E-01	-1.17E-01	1.85E-01	-6.93E-01	1.27E-01	7.61E-01	5.41E-01	-8.47E-01	-46.49	-1.89E-01	-6.93E-01		
	-19.50	-5.93E-06	-3.16E-06	8.43E-06	-5.33E-05	9.81E-06	5.85E-05	2.21E-05	-3.12E-05					
34	454.00	-2.10E+00	-1.58E+00	-1.20E+00	-1.82E+00	5.62E-01	2.44E+00	-3.38E-03	-3.67E+00	-49.11	-2.82E+00	-1.55E+00		
	-11.33	-2.72E-05	-7.01E-06	7.42E-06	-1.40E-04	4.32E-05	1.88E-04	5.35E-05	-8.77E-05					
35	461.67	-4.35E-01	-5.71E-01	-1.37E-01	-1.73E+00	1.52E-01	2.55E+00	1.23E+00	-2.23E+00	-43.87	-4.35E-01	-1.73E+00		
	-12.00	-4.17E-06	-9.40E-06	7.29E-06	-1.33E-04	1.17E-05	1.96E-04	5.97E-05	-7.33E-05					
36	469.00	1.36E+00	5.67E-01	1.05E+00	-1.44E-01	-5.77E-01	9.89E-01	1.38E+00	5.42E-01	-9.98	5.67E-01	1.44E-01		
	-30.00	1.95E-05	-1.09E-05	7.80E-06	-1.11E-05	-4.44E-05	7.61E-05	2.05E-05	-1.19E-05					
37	476.33	-9.08E-01	-1.28E+00	-5.96E-01	-1.18E+00	1.63E-01	2.07E+00	9.69E-02	-2.29E+00	-40.50	-1.38E+00	-1.16E+00		
	-12.00	-4.32E-06	-1.87E-05	7.68E-06	-9.05E-05	1.25E-05	1.59E-04	3.43E-05	-5.73E-05					
38	558.50	1.11E-01	9.14E-02	1.20E-01	-9.51E-01	-1.64E-02	1.14E+00	1.05E+00	-8.50E-01	-44.71	1.11E-01	-9.51E-01		
	-303.00	8.56E-07	-2.73E-08	1.26E-06	-8.65E-05	-1.49E-06	1.04E-04	4.37E-05	-4.28E-05					
39	558.50	2.00E-02	-5.61E-02	9.53E-02	-9.57E-01	-2.77E-02	1.12E+00	9.41E-01	-9.75E-01	-43.89	2.00E-02	-9.57E-01		
	-213.00	1.16E-07	-3.26E-06	3.54E-06	-8.70E-05	-2.52E-06	1.02E-04	4.20E-05	-4.51E-05					
40	506.17	-3.33E-02	-2.19E-01	2.02E-01	-2.20E+00	6.71E-02	2.42E+00	2.08E+00	-2.33E+00	-43.79	-3.33E-02	-2.20E+00		
	-128.00	-4.92E-07	-4.72E-06	4.86E-06	-1.00E-04	3.05E-06	1.10E-04	4.74E-05	-5.27E-05					
41	558.50	5.47E-01	-1.49E-01	3.88E-01	-8.91E-01	-3.04E-01	1.23E+00	1.16E+00	-7.56E-01	-34.34	-1.49E-01	8.91E-01		
	-148.00	8.31E-06	-7.51E-06	4.69E-06	-4.05E-05	-1.38E-05	5.57E-05	2.21E-05	-2.13E-05					
42	610.83	-3.90E-02	-2.39E-01	1.62E-01	-1.88E+00	-2.99E-01	1.91E+00	1.74E+00	-2.02E+00	-43.48	-1.98E+00	3.97E-01		
	-128.00	-2.85E-07	-4.80E-06	4.29E-06	-8.53E-05	-1.36E-05	8.66E-05	4.02E-05	-4.53E-05					
43	501.38	2.06E-01	1.34E-01	3.67E-01	-5.00E-01	-8.94E-02	6.63E-01	6.71E-01	-3.31E-01	-42.92	2.06E-01	-5.00E-01		
	-78.00	1.67E-07	-2.62E-06	6.34E-06	-3.84E-05	-6.87E-06	5.10E-05	1.80E-05	-2.05E-05					
44	534.67	-2.30E-01	-2.26E-01	2.61E-02	-1.55E+00	-4.05E-02	1.80E+00	1.32E+00	-1.77E+00	-45.03	-1.75E+00	2.70E-01		
	-68.00	-4.12E-06	-3.97E-06	5.73E-06	-1.19E-04	-3.12E-06	1.39E-04	5.54E-05	-6.35E-05					
45	584.67	3.33E-01	1.78E-01	3.99E-01	-1.54E+00	-2.61E-01	1.59E+00	1.80E+00	-1.29E+00	-43.56	3.33E-01	-1.54E+00		
	-68.00	2.86E-06	-3.11E-06	5.24E-06	-1.18E-04	-2.01E-05	1.22E-04	5.92E-05	-5.94E-05					
46	610.83	1.56E+00	4.39E-01	9.37E-01	-8.05E-01	-6.85E-01	1.19E+00	1.98E+00	1.90E-02	-27.58	4.39E-01	8.05E-01		
	-88.00	2.77E-05	-1.54E-05	3.78E-06	-6.19E-05	-5.27E-05	9.19E-05	4.39E-05	-3.15E-05					
47	482.63	1.37E-01	3.52E-02	3.86E-01	-3.75E-01	-1.60E-01	7.46E-01	4.65E-01	-2.92E-01	-41.12	1.37E-01	-3.75E-01		
	-21.00	-8.54E-07	-4.70E-06	8.71E-06	-2.88E-05	-1.23E-05	5.74E-05	1.17E-05	-1.74E-05					
48	485.83	-3.46E-01	-5.65E-01	-1.00E-01	-1.12E+00	-2.19E-02	2.29E+00	6.69E-01	-1.58E+00	-42.21	-4.92E-01	-1.12E+00		
	-12.00	-2.20E-06	-1.06E-05	7.25E-06	-8.61E-05	-1.68E-06	1.76E-04	3.68E-05	-4.96E-05					
49	807.88	9.87E-02	1.53E-01	4.00E-01	-4.09E-01	-5.89E-02	7.90E-01	5.36E-01	-2.85E-01	-46.89	9.87E-02	-4.09E-01		
	-21.00	-3.36E-06	-1.28E-06	8.22E-06	-3.15E-05	-4.53E-06	6.08E-05	1.35E-05	-1.81E-05					
50	538.67	-1.91E-01	-1.13E-01	1.09E-01	-1.42E+00	-4.17E-01	1.66E+00	1.27E+00	-1.57E+00	-45.79	-1.56E+00	1.75E-01		
	-10.00	-5.20E-06	-2.21E-06	6.34E-06	-1.09E-04	-3.21E-05	1.28E-04	5.09E-05	-5.83E-05					
51	484.67	4.76E+00	3.33E+00	3.60E+00	1.31E-01	-3.20E-01	2.57E-01	4.77E+00	3.32E+00	5.19	3.33E+00	-1.31E-01		

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	8.00	5.46E-05	-3.63E-07	1.00E-05	1.01E-05	-2.46E-05	1.98E-05	5.50E-05	-9.24E-07				
52	507.00	-1.09E+00	-1.35E+00	-6.62E-01	-7.64E-01	-1.82E-01	-4.02E-01	-4.49E-01	-2.00E+00	-39.95	-1.82E+00	-4.94E-01	
	0.00	-7.68E-06	-1.91E-05	6.72E-06	-5.87E-05	-1.40E-05	-3.09E-05	1.69E-05	-4.27E-05				
53	603.00	2.02E-02	8.49E-02	2.12E-01	-5.08E-01	-1.45E-01	5.95E-01	6.66E-01	-5.52E-01	-46.31	4.15E-01	-4.93E-01	
	-18.00	-2.47E-06	-3.20E-07	4.59E-06	-4.63E-05	-1.12E-05	4.50E-05	2.20E-05	-2.48E-05				
54	712.00	1.38E-01	1.52E-02	8.89E-02	-9.26E-01	-6.13E-02	1.05E+00	1.00E+00	-8.51E-01	-43.11	1.38E-01	-9.26E-01	
	-303.00	3.12E-06	-2.45E-06	8.95E-07	-8.41E-05	-5.58E-06	9.55E-05	4.25E-05	-4.18E-05				
55	712.00	5.28E-01	3.50E-01	4.15E-01	-1.03E+00	-1.85E-01	1.05E+00	1.47E+00	-5.93E-01	-42.53	5.28E-01	-1.03E+00	
	-213.00	7.21E-06	-9.88E-07	2.08E-06	-9.35E-05	-1.71E-05	9.50E-05	5.01E-05	-4.38E-05				
56	712.00	5.85E-01	4.16E-01	4.44E-01	-7.98E-01	-3.60E-01	6.71E-01	1.30E+00	-3.02E-01	-41.97	5.85E-01	-7.98E-01	
	-138.00	5.72E-06	1.87E-06	2.51E-06	-3.63E-05	-1.73E-05	3.96E-05	2.20E-05	-1.44E-05				
57	712.00	2.14E-01	1.02E-01	2.27E-01	-4.92E-01	-1.40E-01	5.52E-01	6.53E-01	-3.37E-01	-41.75	2.14E-01	-4.92E-01	
	-78.00	2.27E-06	-2.05E-06	2.76E-06	-3.79E-05	-1.07E-05	4.25E-05	1.92E-05	-1.69E-05				
58	712.00	2.61E-01	2.19E-01	3.03E-01	-6.77E-01	-1.05E-01	7.75E-01	9.18E-01	-4.37E-01	-44.12	2.61E-01	-6.77E-01	
	-18.00	1.43E-06	-1.74E-07	3.06E-06	-5.21E-05	-8.06E-06	5.96E-05	2.67E-05	-2.54E-05				
59	937.00	2.69E+00	1.52E+00	1.68E+00	-7.98E-01	-5.79E-01	9.63E-01	3.08E+00	1.13E+00	-26.76	1.52E+00	7.98E-01	
	-318.00	4.56E-05	-7.34E-06	.00E+00	-7.16E-05	-5.25E-05	8.76E-05	6.37E-05	-2.54E-05				
60	887.00	4.01E-01	1.19E-01	2.08E-01	-2.13E+00	-1.67E-01	2.33E+00	2.39E+00	-1.87E+00	-43.10	-1.68E+00	6.76E-01	
	-288.00	8.78E-06	-4.06E-06	.00E+00	-1.93E-04	-1.51E-05	2.12E-04	9.92E-05	-9.45E-05				
61	967.00	-4.48E-01	-2.34E-01	-2.73E-01	-2.19E+00	1.95E-01	2.38E+00	1.85E+00	-2.54E+00	-46.40	-4.48E-01	-2.19E+00	
	-288.00	-7.96E-06	1.76E-06	.00E+00	-1.99E-04	1.77E-05	2.17E-04	9.66E-05	-1.03E-04				
62	1037.00	2.82E+00	1.77E+00	1.84E+00	-1.63E+00	-6.07E-01	2.02E+00	4.01E+00	5.81E-01	-36.07	1.77E+00	1.63E+00	
	-318.00	4.48E-05	-3.04E-06	.00E+00	-1.48E-04	-5.51E-05	1.84E-04	9.88E-05	-5.71E-05				
63	862.00	1.07E-01	1.10E-01	1.21E-01	-1.08E+00	-6.44E-03	1.23E+00	1.19E+00	-9.75E-01	-45.04	1.07E-01	-1.08E+00	
	-213.00	4.66E-07	5.96E-07	1.13E-06	-9.85E-05	-5.85E-07	1.12E-04	4.98E-05	-4.87E-05				
64	1012.00	-8.45E-02	-1.01E-02	8.14E-03	-1.19E+00	8.11E-02	1.35E+00	1.14E+00	-1.23E+00	-45.90	-8.45E-02	-1.19E+00	
	-213.00	-2.72E-06	6.63E-07	1.49E-06	-1.08E-04	7.38E-06	1.23E-04	5.29E-05	-5.49E-05				
65	837.00	-3.17E-01	1.39E-01	8.60E-02	-8.07E-01	5.45E-01	1.18E+00	7.49E-01	-9.27E-01	-52.89	1.39E-01	8.07E-01	
	-148.00	-6.71E-06	3.65E-06	2.40E-06	-3.67E-05	2.48E-05	5.38E-05	1.75E-05	-2.06E-05				
66	937.00	6.97E-02	9.51E-02	1.72E-01	-1.49E+00	5.35E-02	1.63E+00	1.58E+00	-1.41E+00	-45.24	-9.39E-01	1.09E+00	
	-128.00	-1.83E-07	3.52E-07	2.15E-06	-6.79E-05	2.43E-06	7.40E-05	3.41E-05	-3.39E-05				
67	1037.00	1.22E+00	2.66E-01	5.78E-01	-1.38E+00	-3.69E-01	1.59E+00	2.21E+00	-7.19E-01	-35.47	2.66E-01	1.38E+00	
	-148.00	1.69E-05	-4.78E-06	2.30E-06	-6.29E-05	-1.68E-05	7.21E-05	3.93E-05	-2.72E-05				
68	937.00	2.72E-01	3.30E-01	3.04E-01	-1.62E+00	6.04E-02	1.95E+00	1.92E+00	-1.32E+00	-45.51	2.72E-01	-1.62E+00	
	-68.00	5.01E-07	2.73E-06	1.74E-06	-1.25E-04	4.64E-06	1.50E-04	6.40E-05	-6.08E-05				
69	937.00	4.49E-01	1.03E-01	3.29E-01	-7.43E-01	-1.74E-02	7.33E-01	1.04E+00	-4.87E-01	-38.44	1.03E-01	7.43E-01	
	-88.00	7.60E-06	-5.72E-06	2.96E-06	-5.72E-05	-1.34E-06	5.64E-05	3.03E-05	-2.84E-05				
70	1037.00	3.09E-01	1.45E-01	2.79E-01	-1.28E+00	-7.74E-02	1.25E+00	1.51E+00	-1.06E+00	-43.17	-7.16E-01	8.71E-01	
	-68.00	3.82E-06	-2.47E-06	2.68E-06	-9.85E-05	-5.95E-06	9.64E-05	5.00E-05	-4.87E-05				
71	862.00	2.96E-01	2.41E-01	3.11E-01	-6.53E-01	2.53E-03	7.20E-01	9.22E-01	-3.85E-01	-43.80	2.96E-01	-6.53E-01	
	-18.00	2.06E-06	-4.56E-08	2.64E-06	-5.02E-05	1.94E-07	5.54E-05	2.62E-05	-2.41E-05				
72	1012.00	3.53E-02	-1.56E-02	1.08E-01	-7.21E-01	-1.24E-02	7.68E-01	7.31E-01	-7.12E-01	-43.99	3.53E-02	-7.21E-01	
	-18.00	-4.08E-08	-2.00E-06	2.74E-06	-5.55E-05	-9.55E-07	5.91E-05	2.67E-05	-2.88E-05				
73	1387.00	-1.17E-01	-9.61E-02	-6.45E-02	-9.46E-01	1.74E-02	1.18E+00	8.39E-01	-1.05E+00	-45.32	-1.17E-01	-9.46E-01	
	-303.00	-1.72E-06	-7.59E-07	6.76E-07	-8.60E-05	1.58E-06	1.07E-04	4.18E-05	-4.42E-05				
74	1387.00	2.40E-02	1.02E-01	1.05E-01	-9.74E-01	1.94E-02	1.12E+00	1.04E+00	-9.12E-01	-46.15	2.40E-02	-9.74E-01	
	-213.00	-1.92E-06	1.65E-06	1.77E-06	-8.86E-05	1.76E-06	1.01E-04	4.42E-05	-4.45E-05				
75	1387.00	1.42E-02	2.40E-02	1.42E-01	-7.09E-01	6.69E-03	8.03E-01	7.28E-01	-6.90E-01	-45.20	1.42E-02	-7.09E-01	
	-138.00	-6.23E-07	-4.02E-07	2.29E-06	-3.22E-05	3.04E-07	3.65E-05	1.56E-05	-1.66E-05				
76	1187.00	7.02E-02	6.73E-02	1.60E-01	-1.21E+00	2.73E-02	1.44E+00	1.28E+00	-1.14E+00	-44.97	7.02E-02	-1.21E+00	
	-68.00	-3.51E-07	-4.61E-07	2.34E-06	-9.30E-05	2.10E-06	1.10E-04	4.61E-05	-4.69E-05				
77	1387.00	1.99E-01	1.85E-01	2.55E-01	-4.63E-01	-4.63E-04	4.93E-01	6.55E-01	-2.70E-01	-44.57	1.85E-01	4.63E-01	
	-88.00	6.41E-07	1.02E-07	2.77E-06	-3.56E-05	-3.56E-08	3.80E-05	1.82E-05	-1.74E-05				
78	1587.00	2.55E-01	2.15E-01	2.76E-01	-7.07E-01	-6.05E-02	6.96E-01	9.42E-01	-4.73E-01	-44.19	-5.59E-02	6.45E-01	
	-68.00	1.60E-06	6.83E-08	2.42E-06	-5.44E-05	-4.66E-06	5.35E-05	2.81E-05	-2.64E-05				
79	1237.00	3.40E-01	1.60E-01	2.99E-01	-5.55E-01	-5.11E-02	5.66E-01	8.12E-01	-3.12E-01	-40.40	3.40E-01	-5.55E-01	
	-18.00	4.29E-06	-2.62E-06	2.72E-06	-4.27E-05	-3.93E-06	4.35E-05	2.25E-05	-2.08E-05				
80	1433.80	2.13E-01	-1.75E-02	1.79E-01	-6.51E-01	-9.36E-02	4.62E-01	7.59E-01	-5.64E-01	-39.98	2.13E-01	-6.51E-01	
	-8.00	4.09E-06	-4.79E-06	2.76E-06	-5.01E-05	-7.20E-06	3.55E-05	2.51E-05	-2.58E-05				
81	1533.80	3.72E-01	5.30E-02	2.59E-01	-3.25E-01	-1.32E-01	2.98E-01	5.74E-01	-1.50E-01	-31.94	5.30E-02	3.25E-01	
	-28.00	6.78E-06	-5.48E-06	2.45E-06	-2.50E-05	-1.01E-05	2.29E-05	1.46E-05	-1.33E-05				
82	1633.80	4.93E-01	2.07E-01	3.64E-01	-1.76E-01	-1.20E-01	1.50E-01	5.77E-01	1.23E-01	-25.46	1.26E-01	3.83E-02	
	-8.00	8.27E-06	-3.73E-06	2.30E-06	-1.35E-05	-9.21E-06	[illegible]E-05	1.05E-05	-6.95E-06				
83	1433.[illegible]	[illegible].36E+00	5.60E-01	8.69E-01	-3.75E-01	-3.00E-01	[illegible]E-01	1.51E+00	4.29E-01	-21.97	5.80E-01	3.[illegible]	

	27.	[illegible]2.14E-05	-8.54E-06	2.55E-06	-2.59E-05	-2.31E-05	[illegible]8E-05	2.73E-05	-1.44E-05					
84	1296.	[illegible].05E-01	7.42E-02	3.22E-01	-3.91E-01	-1.02E-01	[illegible]E-01	7.37E-01	-1.55E-01	-30.62	3.17E-01	4.45		
	40.7	9.51E-06	-7.00E-06	2.45E-06	-3.01E-05	-7.88E-06	[illegible]5E-05	1.84E-05	-1.59E-05					
85	1149.60	2.46E-01	-1.25E-01	1.44E-01	-6.45E-01	-1.61E-01	6.12E-01	7.31E-01	-6.11E-01	-36.95	-5.11E-01	-3.53E-01		
	57.33	6.58E-06	-7.70E-06	2.68E-06	-4.96E-05	-1.24E-05	4.72E-05	2.52E-05	-2.64E-05					
86	1131.40	1.71E+00	8.92E-01	1.12E+00	-2.21E-01	-4.54E-01	1.49E-01	1.77E+00	8.36E-01	-14.16	8.92E-01	2.21E-01		
	112.00	2.49E-05	-6.64E-06	2.21E-06	-1.70E-05	-3.49E-05	1.15E-05	2.70E-05	-8.78E-06					
87	1019.80	4.64E-01	3.27E-01	4.27E-01	-5.54E-01	-4.87E-02	6.25E-01	9.54E-01	-1.63E-01	-41.49	3.27E-01	5.54E-01		
	34.67	4.46E-06	-7.89E-07	3.02E-06	-4.26E-05	-3.75E-06	4.81E-05	2.33E-05	-1.96E-05					
88	886.60	3.23E-01	1.80E-01	3.11E-01	-5.19E-01	-4.01E-02	5.92E-01	7.76E-01	-2.72E-01	-41.08	3.23E-01	-5.19E-01		
	46.00	3.48E-06	-2.02E-06	3.02E-06	-3.99E-05	-3.09E-06	4.55E-05	2.09E-05	-1.94E-05					
89	860.80	1.10E+00	5.43E-01	8.01E-01	-3.37E-01	-1.26E-01	4.80E-01	1.26E+00	3.85E-01	-25.10	5.43E-01	3.37E-01		
	96.00	1.56E-05	-6.03E-06	3.91E-06	-2.59E-05	-9.69E-06	3.69E-05	2.16E-05	-1.21E-05					
90	952.60	3.19E-01	-4.75E-01	6.75E-02	-6.75E-01	-1.76E-01	5.12E-01	7.05E-01	-8.61E-01	-29.77	-6.98E-01	4.78E-01		
	128.00	1.32E-05	-1.73E-05	3.57E-06	-5.19E-05	-1.36E-05	3.94E-05	2.81E-05	-3.21E-05					
91	869.80	3.22E-01	-5.34E-02	2.27E-01	-3.87E-01	-1.21E-01	3.35E-01	5.65E-01	-2.96E-01	-32.07	3.22E-01	-3.87E-01		
	160.00	6.94E-06	-7.51E-06	3.29E-06	-2.98E-05	-9.34E-06	2.57E-05	1.63E-05	-1.66E-05					
92	869.80	1.64E+00	6.29E-01	1.03E+00	-2.11E-01	-3.48E-01	2.16E-01	1.68E+00	5.86E-01	-11.36	6.29E-01	2.11E-01		
	203.40	2.68E-05	-1.21E-05	3.39E-06	-1.63E-05	-2.67E-05	1.66E-05	2.84E-05	-1.37E-05					
93	598.67	-1.80E-01	9.98E-02	1.15E-01	-1.07E+00	-1.60E-01	1.09E+00	1.04E+00	-1.12E+00	-48.71	9.98E-02	1.07E+00		
	16.00	-7.31E-06	3.46E-06	4.03E-06	-8.26E-05	-1.23E-05	8.40E-05	3.97E-05	-4.36E-05					
94	645.75	1.91E-01	1.60E-01	2.75E-01	-6.89E-01	-9.39E-02	6.22E-01	8.64E-01	-5.13E-01	-44.35	1.91E-01	-6.89E-01		
	24.00	4.79E-07	-7.24E-07	3.68E-06	-5.30E-05	-7.22E-06	4.78E-05	2.64E-05	-2.66E-05					
95	613.10	3.63E-02	9.89E-02	1.87E-01	-1.21E+00	2.67E-02	7.42E-01	1.28E+00	-1.15E+00	-45.74	3.63E-02	-1.21E+00		
	60.33	-2.14E-06	2.66E-07	3.65E-06	-9.35E-05	2.06E-06	5.71E-05	4.58E-05	-4.77E-05					
96	708.45	3.61E-01	1.12E-01	2.96E-01	-5.40E-01	-8.63E-02	5.66E-01	7.78E-01	-3.25E-01	-39.04	4.45E-01	5.07E-01		
	55.00	4.86E-06	-3.91E-06	3.16E-06	-4.15E-05	-6.64E-06	4.35E-05	2.17E-05	-2.07E-05					
97	613.10	7.86E-01	4.38E-01	6.13E-01	-4.22E-01	4.95E-02	2.84E-01	1.07E+00	1.55E-01	-33.79	4.38E-01	4.22E-01		
	96.00	1.01E-05	-3.34E-06	3.38E-06	-3.25E-05	3.81E-06	2.19E-05	2.09E-05	-1.42E-05					
98	682.27	2.92E-01	1.06E-01	2.70E-01	-8.34E-01	2.35E-02	7.62E-01	1.04E+00	-6.40E-01	-41.82	-5.07E-01	4.53E-01		
	112.00	3.89E-06	-3.26E-06	3.04E-06	-6.41E-05	1.81E-06	5.86E-05	3.26E-05	-3.20E-05					
99	751.43	1.19E+00	-6.14E-03	5.91E-01	-8.04E-01	-3.39E-01	1.05E+00	1.59E+00	-4.11E-01	-26.73	-6.14E-03	8.04E-01		
	96.00	2.61E-05	-1.97E-05	3.27E-06	-6.18E-05	-2.60E-05	8.08E-05	4.17E-05	-3.53E-05					
100	683.25	3.50E-01	1.94E-01	3.21E-01	-2.80E-01	2.69E-02	2.61E-01	5.69E-01	-1.54E-02	-36.80	3.59E-01	-2.80E-01		
	152.00	4.21E-06	-2.13E-06	2.73E-06	-2.15E-05	2.07E-06	2.01E-05	1.23E-05	-1.02E-05					
101	648.67	1.45E+00	7.99E-01	1.05E+00	-2.55E-01	6.15E-02	3.09E-01	1.54E+00	7.12E-01	-18.93	7.99E-01	2.55E-01		
	192.00	1.96E-05	-5.61E-06	4.21E-06	-1.96E-05	4.73E-06	2.38E-05	2.29E-05	-8.97E-06					
102	725.25	3.01E-01	-3.86E-02	2.00E-01	-2.59E-01	3.64E-02	1.38E-01	4.41E-01	-1.78E-01	-28.36	1.24E-01	3.09E-01		
	232.70	6.50E-06	-6.56E-06	2.60E-06	-1.99E-05	2.80E-06	1.06E-05	1.19E-05	-1.19E-05					
103	635.50	1.13E-01	-1.81E-02	7.54E-02	-3.00E-02	4.19E-02	2.54E-01	1.51E-01	-5.60E-02	-25.36	1.13E-01	-8.00E-02		
	256.30	2.47E-06	-2.56E-06	1.03E-06	-6.15E-06	3.23E-06	1.95E-05	3.93E-06	-4.02E-06					
104	635.50	6.92E-01	4.32E-01	5.41E-01	-5.76E-02	1.36E-01	2.00E-02	7.04E-01	4.20E-01	-11.98	4.32E-01	5.76E-02		
	290.67	8.30E-06	-1.67E-06	2.52E-06	-4.43E-06	1.05E-05	1.54E-06	8.77E-06	-2.14E-06					
105	569.00	-2.16E-02	1.60E-01	2.41E-01	-1.10E+00	-2.29E-01	9.68E-01	1.17E+00	-1.03E+00	-47.36	-2.16E-02	-1.10E+00		
	16.50	-5.00E-06	1.98E-06	5.10E-06	-3.46E-05	-1.76E-05	7.44E-05	4.09E-05	-4.40E-05					
106	508.50	-1.07E+00	-1.25E+00	-1.06E+00	-7.65E-01	-5.06E-01	3.35E-01	-7.66E-01	-2.46E+00	-57.60	-1.25E+00	7.65E-01		
	13.00	-2.87E-05	-1.05E-06	6.23E-06	-5.88E-05	-3.89E-05	2.58E-05	1.76E-05	-4.74E-05					
107	521.00	-5.01E-01	-2.30E-01	-2.61E-02	-1.05E+00	-2.09E-01	5.94E-01	6.94E-01	-1.43E+00	-48.67	-5.01E-01	-1.05E+00		
	15.75	-1.10E-05	-5.32E-07	7.32E-06	-9.09E-05	-1.61E-05	4.57E-05	3.50E-05	-4.65E-05					
108	526.25	-4.11E-01	-1.68E-01	1.15E-02	-1.17E+00	-1.65E-01	6.07E-01	8.87E-01	-1.47E+00	-47.97	-4.11E-01	-1.17E+00		
	21.00	-9.58E-06	-2.17E-07	6.68E-06	-9.00E-05	-1.27E-05	4.67E-05	4.03E-05	-5.01E-05					
109	515.50	-1.20E+00	-7.37E-01	-5.86E-01	-1.42E+00	-2.65E-01	3.42E-01	4.72E-01	-2.41E+00	-49.61	-7.37E-01	1.42E+00		
	26.00	-1.84E-05	-6.31E-07	5.16E-06	-1.09E-04	-2.05E-05	2.63E-05	4.59E-05	-6.49E-05					
110	531.50	-8.93E-02	-3.79E-02	1.41E-01	-9.42E-01	-1.01E-01	4.91E-01	8.79E-01	-1.01E+00	-45.78	-8.93E-02	-9.42E-01		
	34.50	-3.58E-06	-1.61E-06	5.26E-06	-7.25E-05	-7.77E-06	3.77E-05	3.37E-05	-3.88E-05					
111	515.50	6.33E-01	9.52E-01	8.40E-01	-2.78E+00	-5.81E-02	8.36E-01	3.58E+00	-1.99E+00	-46.64	6.33E-01	-2.78E+00		
	44.00	-2.20E-06	9.95E-06	5.66E-06	-2.14E-04	-4.47E-06	6.43E-05	1.11E-04	-1.03E-04					
112	515.50	3.62E-01	2.73E-01	4.12E-01	-6.42E-01	-5.15E-02	2.67E-01	9.61E-01	-3.26E-01	-43.01	2.73E-01	6.42E-01		
	53.33	2.42E-06	-1.01E-06	4.34E-06	-4.94E-05	-3.96E-06	2.05E-05	2.54E-05	-2.40E-05					
113	547.50	6.70E-01	2.16E-01	5.03E-01	-9.82E-01	-9.24E-02	4.24E-01	1.45E+00	-5.65E-01	-38.49	-9.04E-02	8.56E-01		
	64.00	1.05E-05	-6.86E-06	4.08E-06	-7.56E-05	-7.11E-06	3.26E-05	4.06E-05	-3.70E-05					
114	515.50	9.06E-01	1.03E+00	8.97E-01	-1.17E+00	-5.16E-02	6.28E-01	2.14E+00	-2.04E-01	-46.49	9.06E-01	-1.17E+00		
	74.67	3.74E-06	5.41E-06	3.41E-06	-8.99E-05	-3.97E-06	4.83E-05	5.11E-05	-3.85E-05					
115	515.50	1.73E+00	1.13E+00	1.26E+00	-4.07E-01	-1.21E-01	2.40E-01	1.93E+00	9.24E-01	-26.90	1.13E+00	4.07E-01		

3704

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	88.00	2.11E-05	-1.60E-06	3.33E-06	-3.13E-05	-5.32E-06	1.85E-05	2.51E-05	-9.74E-06				
116	547.50	1.09E+00	2.24E-01	5.41E-01	-1.15E+00	-1.36E-01	6.82E-01	1.93E+00	-6.12E-01	-35.04	-2.85E-01	8.51E-01	
	104.00	2.05E-05	-1.28E-05	3.13E-06	-9.15E-05	-1.04E-05	5.26E-05	5.27E-05	-4.51E-05				
117	515.50	4.75E-01	6.24E-01	4.32E-01	-9.92E-01	4.17E-03	6.80E-01	1.36E+00	-4.27E-01	-44.67	4.75E-01	-6.92E-01	
	120.00	3.30E-06	2.50E-06	1.69E-06	-6.86E-05	3.21E-07	5.23E-05	3.72E-05	-3.14E-05				
118	515.50	1.43E+00	5.22E-01	1.02E+00	-3.47E-01	5.41E-03	2.07E-01	1.61E+00	7.46E-01	-26.90	9.22E-01	3.47E-01	
	136.00	1.80E-05	-1.54E-06	2.04E-06	-2.67E-05	4.16E-07	1.59E-05	2.48E-05	-8.30E-06				
119	547.50	8.82E-01	1.61E-01	4.87E-01	-8.86E-01	-5.56E-02	5.61E-01	1.48E+00	-4.37E-01	-33.96	-2.14E-01	6.14E-01	
	152.00	1.71E-05	-1.06E-05	1.92E-06	-6.83E-05	-4.27E-06	4.31E-05	4.01E-05	-3.36E-05				
120	515.50	4.02E-01	2.69E-01	2.76E-01	-6.37E-01	6.81E-02	7.17E-01	9.76E-01	-3.05E-01	-42.02	4.02E-01	-6.37E-01	
	168.00	5.06E-06	-6.68E-08	2.09E-07	-4.90E-05	5.24E-06	5.51E-05	2.71E-05	-2.21E-05				
121	515.50	1.68E+00	1.08E+00	1.16E+00	-2.97E-01	1.58E-01	1.61E-01	1.76E+00	9.65E-01	-21.95	1.08E+00	2.87E-01	
	184.00	2.16E-05	-1.51E-06	1.56E-06	-2.21E-05	1.22E-05	1.24E-05	2.59E-05	-5.96E-06				
122	547.50	6.88E-01	-1.14E-01	2.83E-01	-9.46E-01	3.60E-02	5.43E-01	1.31E+00	-7.46E-01	-33.51	-5.12E-01	6.46E-01	
	200.00	1.70E-05	-1.38E-05	1.47E-06	-7.28E-05	2.77E-06	4.18E-05	4.11E-05	-3.79E-05				
123	515.50	-2.14E-01	-4.21E-01	-2.93E-01	-4.79E-01	1.82E-01	9.06E-01	1.72E-01	-8.08E-01	-38.90	-2.14E-01	-4.79E-01	
	216.00	1.98E-06	-6.00E-06	-1.08E-06	-3.68E-05	1.40E-05	6.97E-05	1.68E-05	-2.09E-05				
124	515.50	6.12E-01	4.00E-01	4.51E-01	-1.37E-01	4.69E-01	1.04E-01	6.80E-01	3.32E-01	-26.16	4.00E-01	1.37E-01	
	232.00	7.47E-06	-6.99E-07	1.27E-06	-1.06E-05	3.61E-05	7.98E-06	1.01E-05	-3.30E-06				
125	547.50	6.19E-01	5.54E-01	5.12E-01	-2.39E-01	2.09E-01	-2.47E-01	8.28E-01	3.45E-01	-41.14	4.45E-01	1.96E-01	
	248.00	5.28E-06	2.78E-06	1.20E-06	-1.94E-05	1.61E-05	-1.90E-05	1.33E-05	-5.26E-06				
126	515.50	-1.59E-01	-3.32E-01	-2.52E-01	-4.73E-02	1.74E-01	6.61E-01	-1.47E-01	-3.44E-01	-14.33	-1.59E-01	-4.73E-02	
	264.00	2.05E-06	-4.61E-06	-1.53E-06	-3.64E-06	1.34E-05	5.09E-05	2.52E-06	-5.07E-06				
127	515.50	5.42E-01	3.71E-01	3.98E-01	-8.38E-02	4.49E-01	4.77E-02	5.76E-01	3.36E-01	-22.23	3.71E-01	8.38E-02	
	276.00	6.43E-06	-1.45E-07	9.19E-07	-6.45E-06	3.45E-05	3.67E-06	7.74E-06	-1.46E-06				
128	531.50	5.82E-02	-1.43E-02	5.42E-04	-4.93E-02	1.56E-01	2.63E-02	8.31E-02	-3.92E-02	-26.84	5.82E-02	-4.93E-02	
	297.00	1.75E-06	-1.04E-06	-4.67E-07	-3.79E-06	1.20E-05	2.02E-06	2.71E-06	-2.00E-06				
129	515.50	-4.23E-01	-6.37E-01	-4.87E-01	3.60E-02	1.77E-01	5.48E-01	-4.18E-01	-6.63E-01	9.30	-4.23E-01	3.60E-02	
	320.00	7.17E-07	-7.51E-06	-1.71E-06	2.77E-06	1.36E-05	4.21E-05	9.43E-07	-7.73E-06				
183	565.50	-9.10E-03	2.52E-02	2.26E-01	-1.65E+00	-3.04E-01	1.41E+00	1.65E+00	-1.64E+00	-45.30	-9.10E-03	-1.65E+00	
	-8.00	-3.01E-06	-1.69E-06	6.04E-06	-1.27E-04	-2.34E-05	1.09E-04	6.10E-05	-6.57E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2140E+02	.1332E+03	.3715E+01	-.2240E+02	-.5858E+02	.3820E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2320E+01	-.9674E+00	-.4658E+00	-.1771E+02	.1535E+02	.1769E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.1767E+01	.2532E+00	-.1736E+00	-.2749E+02	.3405E+02	.3195E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2463E+01	-.5755E+00	-.3535E-01	-.3809E+02	.5300E+02	.4644E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.2256E+01	.2656E+00	-.1068E-01	-.4860E+02	.7153E+02	.6210E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1274E+01	.4445E+00	-.1656E+00	-.6349E+02	.9063E+02	.7996E+02
[illegible]	-.7755E+01	-.1242E+01	-.2788E-01	-.7906[illegible]	.9996E+02	.9677E+02
[illegible]	-.4501E+00	-.3172E+00	.5699E-01	-.9[illegible]	.1053E+03	.1091E+03

27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4009E+02	.7477E+01	-.1116E+01	-.3139E+02	.1435E+03	.1188E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.5822E+03	-.1029E+03	.5202E+01	-.1193E+03	.3798E+03	.1831E+03
40	-.4166E+03	-.6721E+02	.2595E+00	-.1129E+03	.3752E+03	.1692E+03
41	-.2870E+03	-.3980E+02	-.4423E+01	-.9867E+02	.3403E+03	.1483E+03
42	-.7576E+02	-.6554E+01	-.4740E+01	-.8797E+02	.2421E+03	.1299E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.7365E+03	.9704E+02	.4521E+01	-.2002E+02	.3946E+03	-.7288E+02
48	.6366E+03	.9402E+02	.4741E+01	-.3846E+02	.3660E+03	-.5402E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1026E+04	.1573E+03	.4589E+01	.2285E+02	.2722E+03	-.2689E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2989E+01	-.4741E+01	.7342E+00	-.1204E+02	.3903E+03	-.6693E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.7020E+03	.1072E+03	.4591E+01	.7864E+01	.2234E+03	-.2574E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.4917E+03	.7555E+02	.6211E+01	.6947E+01	.2140E+03	-.2509E+03
66	.1556E+03	.2643E+02	.7954E+01	.9475E+01	.1900E+03	-.2613E+03
67	-.3439E+03	-.5014E+02	.7833E+01	.7791E+01	.1664E+03	-.2619E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.6145E+03	-.9073E+02	.6680E+01	-.1719E+02	.1513E+03	-.2401E+03
76	.6470E+02	.1097E+02	.4527E+01	-.2460E+02	.1265E+03	-.2369E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2542E+03	-.3718E+02	.3242E+01	-.3241E+02	.9287E+02	-.2312E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1091E+03	.1697E+02	.2342E+01	-.4635E+02	.7150E+02	-.2201E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1468E+03	-.2155E+02	.2052E+01	-.3871E+02	.4271E+02	-.2063E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1024E+03	.1585E+02	.1747E+01	-.3784E+02	.2451E+02	-.1903E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1153E+03	-.1724E+02	.1819E+01	-.3728E+02	.4118E+00	-.1697E+03
109	.4717E+02	.9967E+01	.1529E+01	-.3954E+02	-.1719E+02	-.1479E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.9413E+02	-.1442E+02	.1541E+01	-.2501E+02	-.3472E+02	-.1187E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.4043E+02	-.6482E+01	.4011E+00	-.1577E+02	-.4549E+02	-.9005E+02
115	-.1050E+02	-.2023E+01	.1698E+00	-.1138E+02	-.4636E+02	-.6236E+02
116	-.9831E+01	-.2033E+01	.2516E+00	-.5198E+01	-.5296E+02	-.3988E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1924E+02	-.3498E+01	.1096E+00	-.1098E+02	-.5710E+02	-.4157E+02
119	-.2603E+01	-.1008E+01	.2055E+00	.6832E+01	-.5494E+02	-.1606E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.4780E+02	-.7444E+01	-.2753E+01	.1065E+02	-.5698E+02	-.3098E+01
122	-.3950E+02	-.5243E+01	-.6213E+01	-.5982E+00	-.5633E+02	-.1018E+02
123	-.3092E+02	-.3794E+01	-.5681E+01	-.1261E+00	-.5008E+02	-.9454E+01
124	-.2348E+02	-.2704E+01	-.3929E+01	.1955E+00	-.4199E+02	-.8869E+01
125	-.1687E+02	-.1759E+01	-.2906E+01	.4619E+00	-.3548E+02	-.8304E+01
126	-.8053E+01	-.2339E+00	-.2726E+01	.7876E+00	-.3106E+02	-.7699E+01
127	-.1363E+01	.9467E+00	-.2834E+01	.1001E+01	-.2776E+02	-.6871E+01
128	.6241E+01	.2115E+01	-.2912E+01	.1560E+01	-.2045E+02	-.5896E+01
129	.7368E+01	.2011E+01	-.2688E+01	.1799E+01	-.1398E+02	-.4923E+01
130	.5647E+01	.1341E+01	-.2237E+01	.1793E+01	-.8670E+01	-.4074E+01
131	.1786E+01	.2873E+00	-.1776E+01	.1589E+01	-.4912E+01	-.3375E+01
132	-.8662E-01	-.1073E+00	-.1358E+01	.1148E+01	-.4018E+01	-.2778E+01
133	-.3160E+00	-.1082E+00	-.1204E+01	.8426E+00	-.3668E+01	-.2263E+01
134	-.9008E-01	-.3905E-01	-.1172E+01	.5508E+00	-.2926E+01	-.1764E+01
135	-.1287E-01	-.1058E-01	-.1311E+01	.4903E+00	-.2077E+01	-.1303E+01
136	-.1004E-01	-.1237E-01	-.1740E+01	.3403E+00	-.1369E+01	-.8746E+00
137	.1997E-01	.5935E-02	-.2690E+01	.2427E+00	-.6265E+00	-.4807E+00
138	-.8755E-02	-.4741E-01	-.4048E+02	.1722E+00	.1692E+00	-.2444E+00
139	-.3502E-01	-.5677E-01	.1405E+01	.2636E-01	-.9157E-01	.9429E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.12233E-01	.75586E-04	-.12369E-01	.00000E+00
3	.22417E-01	.26745E-03	-.22399E-01	.00000E+00
4	.24304E-01	.27369E-03	-.24191E-01	.00000E+00
5	.26221E-01	-.24724E-04	-.26236E-01	.00000E+00
6	.29759E-01	.46121E-05	-.29753E-01	.97947E-05
7	.27266E-01	.67297E-03	-.27709E-01	.00000E+00
8	.29856E-01	.54559E-03	-.29993E-01	.13423E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.12249E-01	.18217E-03	-.12436E-01	.00000E+00

	.22596E-01	.41042E-03	-.23045E-01	.00000E+00
	.25149E-01	.53525E-03	-.25742E-01	.00000E+00
13	.27277E-01	.43384E-03	-.27648E-01	.00000E+00
14	.30036E-01	.64307E-03	-.30633E-01	.52352E-05
15	.27608E-01	.11279E-02	-.29354E-01	.00000E+00
16	.30310E-01	.10358E-02	-.31680E-01	.35846E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.12365E-01	.30392E-03	-.13178E-01	.00000E+00
19	.23044E-01	.68062E-03	-.24660E-01	.00000E+00
20	.25702E-01	.67305E-03	-.27616E-01	.00000E+00
21	.27043E-01	.69347E-03	-.29741E-01	.00000E+00
22	.30677E-01	.92188E-03	-.33135E-01	.30175E-05
23	.28683E-01	.17559E-02	-.32633E-01	.00000E+00
24	.31143E-01	.16513E-02	-.35034E-01	.13678E-04
25	.31444E-01	.20002E-02	-.36236E-01	.15920E-05
26	.31654E-01	.19169E-02	-.36940E-01	.97084E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.12315E-01	.59153E-03	-.13985E-01	.00000E+00
29	.23500E-01	.12948E-02	-.26496E-01	.00000E+00
30	.26316E-01	.15302E-02	-.29970E-01	.00000E+00
31	.28990E-01	.18934E-02	-.33444E-01	.00000E+00
32	.31850E-01	.22635E-02	-.37715E-01	.36006E-04
33	.28886E-01	.25719E-02	-.33621E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.12181E-01	.79264E-03	-.14136E-01	.00000E+00
36	.23624E-01	.15333E-02	-.27102E-01	.00000E+00
37	.26589E-01	.18289E-02	-.30100E-01	.00000E+00
38	.29733E-01	.24054E-02	-.34915E-01	.00000E+00
39	.32263E-01	.31468E-02	-.39076E-01	-.13437E-04
40	.32198E-01	.31375E-02	-.38762E-01	.81302E-05
41	.32136E-01	.30180E-02	-.38468E-01	.21485E-04
42	.32016E-01	.26384E-02	-.38129E-01	.32757E-04
43	.26137E-01	.22058E-02	-.30308E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.11231E-01	.14305E-03	-.13466E-01	.00000E+00
46	.23343E-01	.14262E-02	-.26885E-01	.00000E+00
47	.32204E-01	.30375E-02	-.39205E-01	-.16112E-04
48	.32285E-01	.31045E-02	-.39180E-01	-.22380E-04
49	.29688E-01	.24457E-02	-.34674E-01	.00000E+00
50	.32570E-01	.31170E-02	-.39315E-01	-.69155E-04
51	.29752E-01	.25650E-02	-.34487E-01	.00000E+00
52	.33467E-01	.27760E-02	-.37674E-01	.00000E+00
53	.32322E-01	.29193E-02	-.39298E-01	-.67289E-05
54	.25894E-01	.15300E-02	-.28782E-01	.00000E+00
55	.29140E-01	.21351E-02	-.31917E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.96520E-02	.11069E-02	-.10665E-01	.00000E+00
58	.20834E-01	.91556E-03	-.20643E-01	.00000E+00
59	.34011E-01	.23247E-02	-.36588E-01	.00000E+00
60	.33447E-01	.26736E-02	-.36877E-01	.00000E+00
61	.32838E-01	.31273E-02	-.39409E-01	-.10744E-03
62	.24553E-01	.99196E-03	-.24901E-01	.00000E+00
63	.28360E-01	.10387E-02	-.29260E-01	.00000E+00
64	.34163E-01	.28017E-02	-.38160E-01	.00000E+00
65	.33203E-01	.31371E-02	-.39496E-01	-.13398E-03
66	.34109E-01	.31554E-02	-.39671E-01	-.16351E-03
67	.35092E-01	.31721E-02	-.39862E-01	-.15655E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.76009E-02	-.87702E-04	-.69360E-02	.00000E+00
70	.22079E-01	.46197E-03	-.22267E-01	.00000E+00
71	.33022E-01	.12471E-02	-.33951E-01	.00000E+00
72	.35064E-01	.27291E-02	-.38399E-01	.00000E+00
73	.27269E-01	.67926E-03	-.26625E-01	.00000E+00
74	.37227E-01	.28783E-02	-.39909E-01	.00000E+00

75	.35932E-01	.31376E-02	-.40029E-01	-.11990E-03
76	.37074E-01	.32470E-02	-.40315E-01	-.84799E-04
77	.31469E-01	.79375E-03	-.31166E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.90595E-02	.32494E-03	-.97242E-02	.00000E+00
80	.21069E-01	.35800E-04	-.20964E-01	.00000E+00
81	.23404E-01	.11338E-03	-.23177E-01	.00000E+00
82	.26145E-01	.17294E-03	-.26670E-01	.00000E+00
83	.36904E-01	.15364E-02	-.37674E-01	.00000E+00
84	.34775E-01	.94409E-03	-.35205E-01	.00000E+00
85	.38370E-01	.32941E-02	-.40700E-01	-.68140E-04
86	.38577E-01	.29782E-02	-.40703E-01	.00000E+00
87	.31771E-01	.64141E-03	-.31055E-01	.00000E+00
88	.38573E-01	.25780E-02	-.39732E-01	.00000E+00
89	.39275E-01	.33737E-02	-.41050E-01	-.55353E-04
90	.24912E-01	-.35163E-04	-.21341E-01	.00000E+00
91	.26616E-01	-.51067E-04	-.22977E-01	.00000E+00
92	.28625E-01	.50636E-03	-.24148E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.10849E-01	.00000E+00	-.95657E-02	.00000E+00
95	.19949E-01	.00000E+00	-.17074E-01	.00000E+00
96	.22668E-01	.00000E+00	-.19264E-01	.00000E+00
97	.23741E-01	.00000E+00	-.19589E-01	.00000E+00
98	.23428E-01	.00000E+00	-.19302E-01	.00000E+00
99	.25424E-01	.21461E-03	-.20655E-01	.00000E+00
100	.31232E-01	.74470E-03	-.26570E-01	.00000E+00
101	.37289E-01	.17939E-02	-.36023E-01	.00000E+00
102	.40664E-01	.34733E-02	-.41567E-01	-.49377E-04
103	.38790E-01	.20733E-02	-.39516E-01	.00000E+00
104	.41090E-01	.33151E-02	-.42042E-01	.00000E+00
105	.41639E-01	.35495E-02	-.41988E-01	-.42288E-04
106	.40593E-01	.24386E-02	-.41790E-01	.00000E+00
107	.42603E-01	.35470E-02	-.42941E-01	.00000E+00
108	.42738E-01	.36287E-02	-.42394E-01	-.40425E-04
109	.43547E-01	.36997E-02	-.42685E-01	-.34381E-04
110	.43130E-01	.41130E-02	-.43609E-01	.00000E+00
111	.44509E-01	.40334E-02	-.44258E-01	.00000E+00
112	.44409E-01	.37604E-02	-.42945E-01	-.30734E-04
113	.44156E-01	.38093E-02	-.43857E-01	.00000E+00
114	.44899E-01	.37537E-02	-.43060E-01	-.11539E-04
115	.45056E-01	.37964E-02	-.43152E-01	-.39032E-05
116	.45115E-01	.37719E-02	-.43087E-01	.19337E-06
117	.44804E-01	.41292E-02	-.44594E-01	.00000E+00
118	.45091E-01	.37745E-02	-.43062E-01	.37811E-05
119	.44976E-01	.37725E-02	-.42991E-01	.71368E-05
120	.45094E-01	.41349E-02	-.44320E-01	.00000E+00
121	.44744E-01	.37243E-02	-.42815E-01	.13942E-04
122	.44715E-01	.36034E-02	-.42840E-01	.17926E-04
123	.44669E-01	.34946E-02	-.42854E-01	.21161E-04
124	.44614E-01	.33444E-02	-.42869E-01	.25017E-04
125	.44536E-01	.31776E-02	-.42881E-01	.29850E-04
126	.44377E-01	.28609E-02	-.42902E-01	.36254E-04
127	.44197E-01	.24520E-02	-.42921E-01	.38475E-04
128	.43832E-01	.16426E-02	-.42960E-01	.34203E-04
129	.43555E-01	.94122E-03	-.42993E-01	.25412E-04
130	.43359E-01	.46143E-03	-.43030E-01	.14392E-04
131	.43263E-01	.16573E-03	-.43086E-01	.11525E-05
132	.43289E-01	.22180E-03	-.43139E-01	-.24772E-05
133	.43316E-01	.29583E-03	-.43187E-01	-.95434E-06
134	.43321E-01	.28300E-03	-.43228E-01	.62507E-06
135	.43317E-01	.22301E-03	-.43263E-01	.14100E-05
136	.43313E-01	.15572E-03	-.43287E-01	[illegible]3835E-05
[illegible]	.43310E-01	.81843E-04	-.43303E-01	[illegible]7215E-05
[illegible]	.43309E-01	.98125E-05	-.43309E-01	[illegible]1789E-05

.43300E-01 .13444E-06 -.43309E-01 .2170E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.76E-02	4.78E-02	-8.23E-03	1.50E+00	9.71E-03	-1.53E+00	1.53E+00	-1.47E+00	45.29	1.76E-02	1.50E+00
	-303.00	5.59E-06	1.43E-06	-1.12E-06	1.36E-04	8.82E-07	-1.39E-04	6.89E-05	-6.75E-05			
2	72.00	2.84E-02	6.60E-02	-4.71E-02	1.26E+00	1.50E-03	-1.30E+00	1.31E+00	-1.22E+00	45.43	2.84E-02	1.26E+00
	-213.00	6.77E-07	2.38E-06	-2.75E-06	1.15E-04	1.37E-07	-1.18E-04	5.90E-05	-5.60E-05			
3	72.00	1.97E-01	8.20E-02	-1.03E-01	8.45E-01	-9.97E-02	-9.27E-01	9.87E-01	-7.07E-01	43.05	1.97E-01	8.45E-01
	-138.00	3.56E-06	9.42E-07	-3.27E-06	3.84E-05	-4.53E-06	-4.22E-05	2.15E-05	-1.70E-05			
4	24.00	1.23E+00	7.69E-01	9.85E-01	1.60E+00	-3.32E-01	-1.80E+00	2.62E+00	-6.19E-01	40.93	1.23E+00	1.60E+00
	-68.00	1.45E-05	-3.18E-06	5.11E-06	1.23E-04	-2.56E-05	-1.39E-04	6.79E-05	-5.66E-05			
5	72.00	-4.58E-01	-2.82E-01	-5.96E-01	7.19E-01	2.67E-03	-7.34E-01	3.55E-01	-1.09E+00	48.50	-2.82E-01	-7.19E-01
	-88.00	-2.95E-06	3.84E-06	-8.24E-06	5.53E-05	2.05E-07	-5.65E-05	2.83E-05	-2.74E-05			
6	120.00	-2.62E-01	-2.76E-01	-3.95E-01	1.34E+00	7.52E-02	-1.31E+00	1.07E+00	-1.61E+00	44.86	1.04E+00	-2.48E-01
	-68.00	1.65E-07	-3.52E-07	-4.94E-06	1.03E-04	5.78E-06	-1.01E-04	5.13E-05	-5.15E-05			
7	36.25	3.59E-01	1.27E-01	4.74E-02	7.99E-01	-1.03E-01	-7.57E-01	1.05E+00	-5.64E-01	40.88	3.31E-01	8.02E-01
	-19.00	7.94E-06	-9.71E-07	-4.04E-06	6.14E-05	-7.91E-06	-5.82E-05	3.45E-05	-2.76E-05			
8	108.00	-4.81E-02	-6.55E-02	-1.76E-01	5.87E-01	-5.76E-03	-6.60E-01	5.30E-01	-6.44E-01	44.58	-4.81E-02	5.87E-01
	-19.00	1.33E-06	6.62E-07	-3.58E-06	4.52E-05	-4.43E-07	-5.08E-05	2.36E-05	-2.16E-05			
9	216.00	9.46E-02	1.45E-01	6.03E-02	1.51E+00	-1.56E-02	-1.57E+00	1.63E+00	-1.39E+00	45.48	9.46E-02	1.51E+00
	-303.00	4.04E-07	2.70E-06	-1.16E-06	1.37E-04	-1.42E-06	-1.43E-04	7.01E-05	-6.70E-05			
10	216.00	1.21E-01	1.53E-01	-7.54E-04	1.30E+00	-4.90E-02	-1.37E+00	1.44E+00	-1.16E+00	45.35	1.21E-01	1.30E+00
	-213.00	1.96E-06	3.41E-06	-3.59E-06	1.18E-04	-4.45E-06	-1.25E-04	6.18E-05	-5.64E-05			
11	216.00	1.74E-01	1.31E-01	-2.14E-01	1.00E+00	-1.46E-01	-1.09E+00	1.15E+00	-8.50E-01	44.39	1.74E-01	1.00E+00
	-138.00	3.47E-06	2.50E-06	-5.34E-06	4.55E-05	-6.64E-06	-4.97E-05	2.58E-05	-1.98E-05			
12	168.00	5.45E-01	6.10E-01	3.33E-01	1.58E+00	-2.62E-01	-1.65E+00	2.16E+00	-1.00E+00	45.59	5.45E-01	1.58E+00
	-68.00	4.59E-06	7.11E-06	-3.53E-06	1.21E-04	-2.02E-05	-1.27E-04	6.66E-05	-5.49E-05			
13	216.00	-5.66E-01	-2.56E-01	-6.52E-01	6.59E-01	-6.66E-02	-6.17E-01	2.67E-01	-1.09E+00	51.61	-2.56E-01	-6.59E-01
	-88.00	-8.57E-06	6.35E-06	-8.87E-06	5.07E-05	-5.12E-06	-4.74E-05	2.64E-05	-2.57E-05			
14	264.00	-9.86E-02	-2.61E-01	-4.08E-01	1.31E+00	2.44E-02	-1.34E+00	1.13E+00	-1.49E+00	43.22	1.09E+00	-3.16E-01
	-68.00	4.65E-06	-1.61E-06	-7.26E-06	1.01E-04	1.88E-06	-1.03E-04	5.19E-05	-4.88E-05			
15	180.00	9.45E-02	1.63E-02	-1.62E-01	7.11E-01	-1.75E-01	-6.55E-01	7.67E-01	-6.57E-01	43.43	9.45E-02	7.11E-01
	-19.00	4.20E-06	1.19E-06	-5.67E-06	5.47E-05	-1.34E-05	-5.03E-05	3.01E-05	-2.47E-05			
16	252.00	7.15E-02	-1.95E-02	-2.45E-01	5.59E-01	-7.13E-02	-6.90E-01	5.87E-01	-5.35E-01	42.67	7.15E-02	5.59E-01
	-19.00	4.88E-06	1.37E-06	-7.31E-06	4.30E-05	-5.49E-06	-5.31E-05	2.47E-05	-1.84E-05			
17	361.00	1.32E-01	2.45E-01	9.79E-02	1.52E+00	-1.15E-02	-1.67E+00	1.71E+00	-1.33E+00	46.07	1.32E-01	1.52E+00
	-303.00	-1.72E-07	4.97E-06	-1.72E-06	1.38E-04	-1.04E-06	-1.52E-04	7.15E-05	-6.67E-05			
18	361.00	1.40E-01	2.41E-01	9.57E-04	1.37E+00	-4.55E-02	-1.49E+00	1.56E+00	-1.18E+00	46.06	1.40E-01	1.37E+00
	-213.00	1.39E-06	6.00E-06	-4.91E-06	1.25E-04	-4.14E-06	-1.35E-04	6.60E-05	-5.86E-05			
19	361.00	1.81E-01	1.95E-01	-2.90E-01	1.10E+00	-1.60E-01	-1.25E+00	1.29E+00	-9.15E-01	45.18	1.81E-01	1.10E+00
	-138.00	3.67E-06	3.99E-06	-7.05E-06	5.01E-05	-7.29E-06	-5.67E-05	2.89E-05	-2.12E-05			
20	312.00	9.43E-01	9.06E-01	5.16E-01	1.81E+00	-4.42E-01	-2.04E+00	2.73E+00	-8.84E-01	44.71	9.43E-01	1.81E+00
	-68.00	1.03E-05	8.85E-06	-6.14E-06	1.39E-04	-3.40E-05	-1.57E-04	7.91E-05	-6.00E-05			
21	360.67	-9.00E-01	-5.79E-01	-9.60E-01	8.78E-01	-5.00E-02	-9.26E-01	1.53E-01	-1.63E+00	50.18	-5.79E-01	-8.78E-01
	-88.00	-7.80E-06	4.53E-06	-1.01E-05	6.75E-05	-3.84E-06	-7.12E-05	3.27E-05	-3.60E-05			
22	400.33	5.37E-01	7.68E-01	1.97E-01	1.69E+00	-2.64E-02	-2.13E+00	2.35E+00	-1.05E+00	46.95	2.33E+00	-2.37E-01
	-68.00	4.15E-06	1.30E-05	-8.93E-06	1.30E-04	-2.03E-06	-1.64E-04	7.39E-05	-5.67E-05			
23	324.00	2.25E-01	3.55E-02	-2.36E-01	7.43E-01	-3.11E-01	-7.00E-01	8.79E-01	-6.18E-01	41.37	2.25E-01	7.43E-01
	-19.00	8.38E-06	1.09E-06	-9.33E-06	5.71E-05	-2.39E-05	-5.38E-05	3.35E-05	-2.41E-05			
24	372.00	1.76E-01	-4.04E-02	-3.32E-01	1.85E+00	-2.96E-01	-1.95E+00	1.92E+00	-1.79E+00	43.33	1.76E-01	1.85E+00
	-9.33	8.93E-06	6.09E-07	-1.06E-05	1.42E-04	-2.28E-05	-1.50E-04	7.61E-05	-6.66E-05			
25	401.25	3.50E-02	-5.16E-02	-4.25E-01	6.10E-01	-1.12E-01	-8.19E-01	6.03E-01	-6.20E-01	42.97	-5.35E-01	3.09E-01
	-19.00	6.20E-06	2.67E-06	-1.15E-05	4.69E-05	-8.64E-06	-6.30E-05	2.86E-05	-1.90E-05			
26	427.67	1.04E+00	1.16E+00	4.99E-01	2.07E+00	-3.95E-01	-2.76E+00	3.17E+00	-9.72E-01	45.82	2.27E+00	1.70E+00
	-9.33	1.03E-05	1.49E-05	-1.04E-05	1.59E-04	-3.04E-05	-2.12E-04	9.22E-05	-6.70E-05			
27	457.00	1.55E-01	3.56E-01	1.43E-01	1.52E+00	3.78E-03	-1.73E+00	1.78E+00	-1.27E+00	46.89	1.55E-01	1.52E+00
	-303.00	-1.46E-06	7.69E-06	-1.98E-06	1.38E-04	3.43E-07	-1.57E-04	7.24E-05	-6.62E-05			
28	457.00	1.17E-01	3.03E-01	-2.22E-03	1.44E+00	-2.98E-02	-1.58E+00	1.66E+00	-1.24E+00	46.85	1.17E-01	1.44E+00

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	-213.00	-1.20E-07	9.36E-06	-5.52E-06	1.31E-04	-2.71E-06	-1.44E-04	6.98E-05	-6.16E-05				
29	457.00	2.29E-01	2.31E-01	-2.89E-01	1.19E+00	-1.20E-02	-1.26E+00	1.42E+00	-9.61E-01	45.01	2.29E-01	1.19E+00	
	-138.00	4.32E-06	4.34E-06	-7.46E-06	5.41E-05	-5.46E-07	-5.74E-05	3.14E-05	-2.27E-05				
30	442.00	6.17E-01	1.42E+00	5.15E-01	2.09E+00	1.16E-02	-2.34E+00	3.15E+00	-1.11E+00	50.45	6.17E-01	2.09E+00	
	-68.00	-4.33E-05	2.66E-05	-8.27E-06	1.61E-04	4.95E-07	-1.80E-04	9.30E-05	-7.07E-05				
31	457.33	-2.40E+00	-9.22E-01	-1.61E+00	6.85E-01	1.02E+00	-1.21E+00	-6.53E-01	-2.67E+00	68.54	-9.22E-01	-6.85E-01	
	-88.00	-3.81E-05	1.87E-05	-7.68E-06	5.27E-05	7.86E-05	-9.32E-05	2.90E-05	-4.84E-05				
32	472.67	4.26E+00	4.09E+00	3.07E+00	1.76E+00	-6.68E-01	-2.90E+00	5.93E+00	2.41E+00	43.54	5.38E+00	1.29E+00	
	-68.00	3.85E-05	3.16E-05	-7.43E-06	1.36E-04	-5.14E-05	-2.23E-04	1.03E-04	-3.28E-05				
33	443.00	3.26E-01	3.46E-01	-1.66E-01	1.11E+00	-1.61E-01	-1.10E+00	1.45E+00	-7.74E-01	45.26	3.26E-01	1.11E+00	
	-19.50	6.98E-06	7.74E-06	-1.19E-05	8.54E-05	-1.24E-05	-8.49E-05	5.00E-05	-3.53E-05				
34	454.00	3.53E+00	2.93E+00	2.23E+00	2.72E+00	-8.01E-01	-3.49E+00	5.99E+00	5.28E-01	42.12	4.62E+00	2.36E+00	
	-11.33	3.98E-05	1.87E-05	-1.04E-05	2.09E-04	-6.16E-05	-2.69E-04	1.34E-04	-7.58E-05				
35	461.67	1.36E+00	1.94E+00	9.45E-01	2.56E+00	-2.15E-01	-3.64E+00	4.23E+00	-9.31E-01	48.23	1.36E+00	2.56E+00	
	-12.00	5.63E-06	2.79E-05	-1.03E-05	1.97E-04	-1.65E-05	-2.80E-04	1.16E-04	-8.24E-05				
36	469.00	-2.18E+00	-7.62E-01	-1.55E+00	2.31E-01	8.88E-01	-1.46E+00	-6.67E-01	-2.21E+00	81.30	-7.02E-01	-2.31E-01	
	-30.00	-3.50E-05	2.17E-05	-1.10E-05	1.78E-05	6.83E-05	-1.12E-04	2.31E-05	-3.64E-05				
37	476.33	2.11E+00	3.07E+00	1.68E+00	1.79E+00	-2.30E-01	-3.00E+00	4.44E+00	7.41E-01	52.50	2.85E+00	1.83E+00	
	-12.00	5.89E-06	4.27E-05	-1.09E-05	1.37E-04	-1.77E-05	-2.30E-04	9.54E-05	-4.69E-05				
38	558.50	-5.20E-02	1.30E-01	-2.67E-02	1.41E+00	4.41E-02	-1.69E+00	1.45E+00	-1.37E+00	46.85	-5.20E-02	1.41E+00	
	-303.00	-3.02E-06	5.23E-06	-1.88E-06	1.28E-04	4.01E-06	-1.54E-04	6.52E-05	-6.30E-05				
39	558.50	2.85E-02	3.69E-01	4.32E-03	1.41E+00	8.63E-02	-1.63E+00	1.62E+00	-1.22E+00	48.44	2.85E-02	1.41E+00	
	-213.00	-3.92E-06	1.15E-05	-5.02E-06	1.28E-04	7.84E-06	-1.48E-04	6.84E-05	-6.08E-05				
40	506.17	-7.45E-02	9.74E-01	-1.23E-01	3.20E+00	9.28E-02	-3.44E+00	3.69E+00	-2.79E+00	49.65	-7.45E-02	3.20E+00	
	-128.00	-5.76E-06	1.81E-05	-6.87E-06	1.46E-04	4.22E-06	-1.97E-04	7.99E-05	-6.76E-05				
41	558.50	-1.21E+00	5.86E-01	-5.50E-01	1.38E+00	6.80E-01	-1.94E+00	1.33E+00	-1.96E+00	61.54	5.86E-01	-1.38E+00	
	-148.00	-2.14E-05	1.95E-05	-6.34E-06	6.27E-05	3.09E-05	-8.81E-05	3.65E-05	-3.84E-05				
42	610.83	1.13E-01	9.73E-01	-5.62E-03	2.71E+00	5.55E-01	-2.70E+00	3.28E+00	-2.20E+00	69.52	3.27E+00	-2.95E-01	
	-128.00	-3.10E-06	1.65E-05	-5.80E-06	1.23E-04	2.52E-05	-1.23E-04	6.89E-05	-5.56E-05				
43	501.38	-4.16E-01	-5.65E-03	-4.93E-01	7.45E-01	2.22E-01	-9.89E-01	5.62E-01	-9.84E-01	52.69	-4.16E-01	7.45E-01	
	-78.00	-5.95E-06	9.83E-06	-8.90E-06	5.73E-05	1.70E-05	-7.61E-05	3.17E-05	-2.78E-05				
44	534.67	4.94E-01	8.86E-01	2.68E-01	2.36E+00	1.35E-01	-2.81E+00	3.06E+00	-1.68E+00	47.38	3.05E+00	-2.16E-01	
	-68.00	8.89E-07	1.60E-05	-7.80E-06	1.81E-04	1.04E-05	-2.16E-04	9.94E-05	-8.26E-05				
45	584.67	-4.17E-01	6.60E-02	-4.00E-01	2.15E+00	5.18E-01	-2.21E+00	1.98E+00	-2.34E+00	48.21	-4.17E-01	2.15E+00	
	-68.00	-7.79E-06	1.08E-05	-7.13E-06	1.65E-04	3.99E-05	-1.70E-04	8.46E-05	-8.16E-05				
46	610.83	-2.32E+00	-2.67E-01	-1.21E+00	1.14E+00	1.09E+00	-1.72E+00	2.37E-01	-2.82E+00	66.06	-2.67E-01	-1.14E+00	
	-88.00	-4.75E-05	3.14E-05	-4.73E-06	8.73E-05	8.35E-05	-1.32E-04	5.08E-05	-6.69E-05				
47	482.63	-5.51E-02	3.13E-01	-3.47E-01	5.64E-01	2.62E-01	-1.11E+00	7.22E-01	-4.64E-01	54.04	-5.51E-02	5.64E-01	
	-21.00	-1.14E-06	1.30E-05	-1.24E-05	4.34E-05	2.01E-05	-8.58E-05	2.87E-05	-1.69E-05				
48	485.83	1.46E+00	2.27E+00	1.12E+00	1.63E+00	3.99E-02	-3.33E+00	3.55E+00	1.82E-01	52.02	1.67E+00	1.67E+00	
	-12.00	2.76E-06	3.41E-05	-1.03E-05	1.25E-04	3.07E-06	-2.56E-04	8.31E-05	-4.62E-05				
49	507.88	-1.02E-01	6.16E-02	-4.39E-01	6.06E-01	1.42E-01	-1.20E+00	5.91E-01	-6.32E-01	48.84	-1.02E-01	6.06E-01	
	-21.00	1.35E-06	7.64E-06	-1.16E-05	4.66E-05	1.09E-05	-9.23E-05	2.80E-05	-1.90E-05				
50	538.67	4.06E-01	6.79E-01	1.14E-01	2.12E+00	7.13E-01	-2.49E+00	2.67E+00	-1.58E+00	46.84	2.66E+00	-6.89E-02	
	-10.00	2.44E-06	1.29E-05	-8.79E-06	1.63E-04	5.49E-05	-1.91E-04	8.93E-05	-7.40E-05				
51	484.67	-6.34E+00	-4.38E+00	-4.81E+00	-1.75E-01	4.08E-01	-3.75E-01	-4.37E+00	-6.34E+00	-64.94	-4.38E+00	1.75E-01	
	8.00	-7.32E-05	2.10E-06	-1.43E-05	-1.34E-05	3.14E-05	-2.88E-05	2.69E-06	-7.38E-05				
52	507.00	1.29E+00	1.68E+00	7.44E-01	9.19E-01	3.21E-01	8.10E-01	2.43E+00	5.49E-01	50.96	2.19E+00	6.21E-01	
	9.00	8.89E-06	2.39E-05	-1.22E-05	7.07E-05	2.47E-05	6.23E-05	5.25E-05	-1.98E-05				
53	603.00	-7.39E-02	1.33E-02	-2.28E-01	8.50E-01	3.32E-01	-8.63E-01	8.21E-01	-8.82E-01	46.47	-5.95E-01	6.38E-01	
	-18.00	3.32E-07	3.69E-06	-5.60E-06	6.54E-05	2.56E-05	-6.64E-05	3.48E-05	-3.07E-05				
54	712.00	-9.05E-02	1.79E-01	1.77E-04	1.31E+00	1.15E-01	-1.48E+00	1.36E+00	-1.27E+00	47.93	-9.05E-02	1.31E+00	
	-303.00	-5.26E-06	6.98E-06	-1.14E-06	1.19E-04	1.05E-05	-1.35E-04	6.08E-05	-5.91E-05				
55	712.00	-7.36E-01	-3.03E-01	-4.87E-01	1.44E+00	3.57E-01	-1.44E+00	9.37E-01	-1.98E+00	49.27	-7.36E-01	1.44E+00	
	-213.00	-1.36E-05	6.04E-06	-2.32E-06	1.31E-04	3.25E-05	-1.31E-04	6.24E-05	-7.00E-05				
56	712.00	-1.04E+00	-4.45E-01	-5.78E-01	1.07E+00	7.93E-01	-1.17E+00	3.64E-01	-1.85E+00	52.82	-1.04E+00	1.07E+00	
	-138.00	-1.28E-05	7.18E-07	-2.31E-06	4.84E-05	3.61E-05	-5.30E-05	1.91E-05	-3.12E-05				
57	712.00	-3.55E-01	-9.78E-03	-2.34E-01	6.89E-01	3.15E-01	-8.37E-01	5.28E-01	-8.93E-01	52.03	-3.55E-01	6.89E-01	
	-78.00	-7.07E-06	6.21E-06	-2.43E-06	5.30E-05	2.42E-05	-6.44E-05	2.69E-05	-2.78E-05				
58	712.00	-4.01E-01	-1.53E-01	-3.14E-01	9.40E-01	2.62E-01	-1.05E+00	6.71E-01	-1.23E+00	48.76	-4.01E-01	9.40E-01	
	-18.00	-5.90E-06	3.65E-06	-2.52E-06	7.23E-05	2.02E-05	-8.04E-05	3.54E-05	-3.76E-05				
59	937.00	[illegible]71E+00	-2.02E+00	-2.29E+00	1.10E+00	7.82E-01	-1.[illegible]E+00	-1.48E+00	-4.25E+00	63.75	-2.02E+00	-1.10E+00	
	-318.00	[illegible]3E-05	1.23E-05	.00E+00	9.99E-05	7.11E-05	-[illegible]04	3.69E-05	-8.90E-05				
60	887.[illegible]	[illegible]7E-01	8.15E-02	-1.46E-01	2.95E+00	2.73E-01	[illegible]00	2.78E+00	-3.14E+00	47.56	2.54E+00	-1.1[illegible]	

	-288.	.37E-05	1.04E-05	.00E+00	2.68E-04	2.49E-05	[illegible]E-04	1.33E-04	-1.36E-04				
61	987.0[illegible]	.14E-01	5.37E-01	5.01E-01	3.00E+00	-2.04E-01	[illegible]E+00	3.62E+00	-2.37E+00	44.15	7.14E-01	3.00[illegible]	
	-288.0[illegible]	.72E-06	1.66E-06	.00E+00	2.72E-04	-1.66E-05	[illegible]E-04	1.42E-04	-1.31E-04				
62	1037.00	-3.67E+00	-2.18E+00	-2.34E+00	2.17E+00	7.13E-01	-2.38E+00	-6.11E-01	-5.24E+00	54.38	-2.18E+00	-2.19E+00	
	-318.00	-6.04E-05	7.22E-06	.00E+00	1.00E-04	6.48E-05	-2.16E-04	7.86E-05	-1.32E-04				
63	862.00	-9.40E-02	9.05E-03	-3.71E-02	1.51E+00	7.83E-02	-1.55E+00	1.47E+00	-1.55E+00	45.98	-9.40E-02	1.51E+00	
	-213.00	-2.69E-06	2.00E-06	-1.00E-07	1.37E-04	7.12E-06	-1.41E-04	6.82E-05	-6.89E-05				
64	1012.00	1.61E-01	1.60E-01	1.28E-01	1.62E+00	-5.49E-02	-1.63E+00	1.78E+00	-1.46E+00	44.99	1.61E-01	1.62E+00	
	-213.00	1.49E-06	1.45E-06	-2.58E-08	1.47E-04	-4.99E-06	-1.48E-04	7.50E-05	-7.21E-05				
65	837.00	-9.96E-03	-2.65E-02	-2.35E-02	1.17E+00	-8.53E-02	-1.57E+00	1.15E+00	-1.18E+00	44.78	-2.65E-02	-1.17E+00	
	-148.00	1.06E-07	-2.93E-07	-2.25E-07	5.30E-05	-3.88E-06	-7.15E-05	2.64E-05	-2.66E-05				
66	937.00	-2.24E-01	4.68E-02	-6.48E-02	2.03E+00	1.31E-01	-1.96E+00	1.95E+00	-2.13E+00	46.91	1.41E+00	-1.38E+00	
	-128.00	-3.83E-06	2.34E-06	-2.01E-07	9.23E-05	5.95E-06	-8.91E-05	4.55E-05	-4.70E-05				
67	1037.00	-1.91E+00	-1.97E-01	-6.27E-01	1.95E+00	6.97E-01	-2.08E+00	1.07E+00	-3.18E+00	56.87	-1.97E-01	-1.95E+00	
	-148.00	-2.90E-05	9.86E-06	8.17E-08	8.85E-05	3.17E-05	-9.45E-05	3.87E-05	-5.79E-05				
68	937.00	-5.37E-01	-3.22E-01	-3.59E-01	2.21E+00	2.34E-01	-2.28E+00	1.78E+00	-2.64E+00	46.39	-5.37E-01	2.21E+00	
	-68.00	-7.27E-06	9.98E-07	-4.16E-07	1.70E-04	1.80E-05	-1.75E-04	8.19E-05	-8.81E-05				
69	937.00	-8.61E-01	3.79E-02	-3.20E-01	1.16E+00	2.96E-01	-1.12E+00	8.37E-01	-1.66E+00	55.55	3.79E-02	-1.16E+00	
	-88.00	-2.05E-05	1.40E-05	2.42E-07	8.96E-05	2.27E-05	-8.63E-05	4.47E-05	-5.13E-05				
70	1037.00	1.98E-02	5.11E-01	2.20E-01	1.98E+00	-6.75E-03	-2.26E+00	2.26E+00	-1.73E+00	48.53	1.81E+00	-1.27E+00	
	-68.00	-7.49E-06	1.14E-05	2.19E-07	1.52E-04	-5.19E-07	-1.74E-04	7.88E-05	-7.49E-05				
71	862.00	-5.44E-01	-2.36E-01	-3.21E-01	9.23E-01	2.38E-01	-1.01E+00	5.46E-01	-1.33E+00	49.73	-5.44E-01	9.23E-01	
	-18.00	-8.81E-06	3.02E-06	-2.55E-07	7.10E-05	1.83E-05	-7.80E-05	3.31E-05	-3.89E-05				
72	1012.00	5.06E-02	2.47E-01	1.29E-01	1.04E+00	-8.14E-04	-9.74E-01	1.19E+00	-8.92E-01	47.70	5.06E-02	1.04E+00	
	-18.00	-2.74E-06	4.80E-06	2.82E-07	7.97E-05	-6.26E-08	-7.50E-05	4.11E-05	-3.90E-05				
73	1387.00	1.83E-01	1.90E-01	1.52E-01	1.21E+00	2.30E-04	-1.18E+00	1.40E+00	-1.03E+00	45.08	1.83E-01	1.21E+00	
	-303.00	1.49E-06	1.81E-06	1.11E-07	1.10E-04	2.09E-08	-1.07E-04	5.68E-05	-5.35E-05				
74	1387.00	-1.17E-02	-5.75E-02	-8.41E-03	1.28E+00	3.04E-02	-1.15E+00	1.25E+00	-1.32E+00	44.49	-1.17E-02	1.28E+00	
	-213.00	4.75E-07	-1.61E-06	6.27E-07	1.16E-04	2.76E-06	-1.04E-04	5.77E-05	-5.88E-05				
75	1387.00	-6.41E-02	3.79E-02	5.91E-02	9.42E-01	1.18E-01	-8.04E-01	9.30E-01	-9.57E-01	46.55	-6.41E-02	9.42E-01	
	-138.00	-1.63E-06	6.88E-07	1.17E-06	4.28E-05	5.35E-06	-3.66E-05	2.10E-05	-2.19E-05				
76	1187.00	-3.63E-01	-2.61E-01	-2.43E-01	1.48E+00	2.28E-01	-1.12E+00	1.17E+00	-1.80E+00	45.99	-3.63E-01	1.48E+00	
	-68.00	-4.45E-06	-5.07E-07	1.91E-07	1.14E-04	1.76E-05	-8.59E-05	5.46E-05	-5.96E-05				
77	1387.00	-3.88E-01	-2.54E-01	-1.67E-01	6.92E-01	1.83E-01	-6.75E-01	3.74E-01	-1.02E+00	47.76	-2.54E-01	-6.92E-01	
	-88.00	-6.02E-06	-8.79E-07	2.45E-06	5.33E-05	1.41E-05	-5.19E-05	2.33E-05	-3.02E-05				
78	1587.00	-1.97E-01	-1.20E-01	-4.87E-02	9.31E-01	4.80E-02	-5.91E-01	7.73E-01	-1.09E+00	46.19	2.35E-01	-8.44E-01	
	-68.00	-3.57E-06	-5.86E-07	2.15E-06	7.16E-05	3.69E-06	-4.55E-05	3.38E-05	-3.79E-05				
79	1237.00	-5.73E-01	-1.95E-01	-2.53E-01	7.85E-01	2.73E-01	-6.43E-01	4.24E-01	-1.19E+00	51.76	-5.73E-01	7.85E-01	
	-18.00	-1.08E-05	3.71E-06	1.50E-06	6.04E-05	2.10E-05	-4.95E-05	2.75E-05	-3.46E-05				
80	1433.80	-3.47E-01	-3.19E-02	-6.35E-02	9.39E-01	1.74E-01	-5.16E-01	7.63E-01	-1.14E+00	49.76	-3.47E-01	9.39E-01	
	-8.00	-8.48E-06	3.63E-06	2.42E-06	7.22E-05	1.34E-05	-3.97E-05	3.42E-05	-3.90E-05				
81	1533.80	-5.79E-01	-1.10E-01	-1.77E-01	5.14E-01	1.63E-01	-3.15E-01	2.21E-01	-9.09E-01	57.26	-1.10E-01	-5.14E-01	
	-28.00	-1.27E-05	5.29E-06	2.71E-06	3.96E-05	1.25E-05	-2.42E-05	1.80E-05	-2.55E-05				
82	1633.80	-6.58E-01	-2.39E-01	-2.66E-01	2.11E-01	7.71E-02	-1.06E-01	-1.51E-01	-7.46E-01	67.34	-1.52E-01	-2.13E-02	
	-8.00	-1.25E-05	3.58E-06	2.54E-06	1.63E-05	5.93E-06	-8.19E-06	6.97E-06	-1.59E-05				
83	1433.80	-2.31E+00	-9.66E-01	-1.19E+00	5.80E-01	6.92E-01	-3.55E-01	-7.50E-01	-2.53E+00	69.59	-9.66E-01	-5.80E-01	
	27.60	-3.98E-05	1.19E-05	3.33E-06	4.46E-05	5.32E-05	-2.73E-05	2.02E-05	-4.81E-05				
84	1296.10	-8.37E-01	-8.89E-02	-2.75E-01	6.39E-01	3.25E-01	-3.77E-01	2.77E-01	-1.20E+00	60.17	-4.86E-01	-7.40E-01	
	40.70	-1.90E-05	9.77E-06	2.62E-06	4.91E-05	2.50E-05	-2.90E-05	2.39E-05	-3.31E-05				
85	1148.60	-4.13E-01	1.65E-01	-7.65E-02	9.15E-01	3.82E-01	-4.41E-01	8.35E-01	-1.08E+00	53.75	6.79E-01	5.24E-01	
	57.33	-1.23E-05	9.90E-06	6.24E-07	7.04E-05	2.94E-05	-3.39E-05	3.57E-05	-3.81E-05				
86	1131.40	-2.89E+00	-1.48E+00	-1.60E+00	2.76E-01	1.15E+00	-1.19E-01	-1.42E+00	-2.94E+00	79.35	-1.48E+00	-2.76E-01	
	112.00	-4.56E-05	8.75E-06	4.12E-06	2.12E-05	8.87E-05	-9.18E-06	1.07E-05	-4.76E-05				
87	1015.80	-7.91E-01	-1.66E-01	-3.57E-01	8.80E-01	3.70E-01	-1.33E+00	4.56E-01	-1.41E+00	54.78	-1.66E-01	-8.80E-01	
	34.67	-1.60E-05	8.07E-06	7.02E-07	6.77E-05	2.84E-05	-1.02E-04	3.20E-05	-3.99E-05				
88	886.60	-4.75E-01	-9.05E-02	-2.45E-01	7.37E-01	1.85E-01	-8.88E-01	4.79E-01	-1.04E+00	52.30	-4.75E-01	7.37E-01	
	46.00	-9.35E-06	5.42E-06	-5.15E-07	5.67E-05	1.42E-05	-6.83E-05	2.73E-05	-3.13E-05				
89	860.80	-2.10E+00	-9.70E-01	-1.25E+00	3.84E-01	4.91E-01	-5.13E-01	-8.52E-01	-2.22E+00	72.87	-9.70E-01	-3.84E-01	
	96.00	-3.33E-05	1.01E-05	-4.94E-07	2.96E-05	3.77E-05	-3.95E-05	1.47E-05	-3.79E-05				
90	952.60	-3.94E-01	9.98E-01	2.25E-01	1.14E+00	3.44E-01	-8.18E-01	1.63E+00	-1.03E+00	60.74	1.37E+00	-7.95E-01	
	128.00	-2.42E-05	2.93E-05	-4.51E-07	8.74E-05	2.65E-05	-6.29E-05	5.37E-05	-4.87E-05				
91	869.80	-6.00E-01	-1.60E-02	-2.77E-01	5.30E-01	3.13E-01	-3.17E-01	2.97E-01	-9.13E-01	59.42	-6.00E-01	5.30E-01	
	160.00	-1.33E-05	9.19E-06	-8.34E-07	4.09E-05	2.41E-05	-2.44E-05	2.12E-05	-2.53E-05				
92	860.80	-2.78E+00	-9.49E-01	-1.44E+00	2.10E-01	9.82E-01	-3.12E-01	-9.26E-01	-2.80E+00	83.54	-9.49E-01	-2.10E-01	

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	203.60	-5.00E-05	2.02E-05	1.46E-06	1.61E-05	7.55E-05	-2.40E-05	2.11E-05	-5.10E-05				
93	598.67	3.23E-02	7.52E-02	-1.14E-01	1.40E+00	5.94E-01	-1.70E+00	1.55E+00	-1.44E+00	45.41	7.52E-02	-1.49E+00	
	16.00	1.31E-06	2.96E-06	-4.31E-06	1.15E-04	4.58E-05	-1.31E-04	5.96E-05	-5.53E-05				
94	645.75	-3.36E-01	-9.43E-02	-3.06E-01	9.49E-01	2.79E-01	-8.79E-01	7.41E-01	-1.17E+00	48.62	-3.36E-01	9.49E-01	
	24.00	-4.92E-06	4.46E-06	-3.69E-06	7.30E-05	2.15E-05	-6.76E-05	3.66E-05	-3.70E-05				
95	613.10	-3.92E-01	-4.72E-01	-5.05E-01	1.59E+00	1.82E-01	-6.34E-01	1.16E+00	-2.03E+00	44.28	-3.92E-01	1.59E+00	
	69.33	-3.73E-08	-3.11E-06	-4.37E-06	1.23E-04	1.40E-05	-4.88E-05	5.97E-05	-6.28E-05				
96	708.45	-6.05E-01	-8.47E-02	-3.47E-01	7.50E-01	2.75E-01	-7.51E-01	4.49E-01	-1.14E+00	54.56	-5.65E-01	-7.63E-01	
	58.00	-1.19E-05	8.14E-06	-1.95E-06	5.77E-05	2.12E-05	-5.78E-05	2.87E-05	-3.24E-05				
97	613.10	-1.69E+00	-8.53E-01	-1.08E+00	4.83E-01	5.73E-01	-4.18E-01	-6.32E-01	-1.91E+00	65.41	-8.53E-01	-4.83E-01	
	96.00	-2.50E-05	7.02E-06	-1.89E-06	3.71E-05	4.41E-05	-3.21E-05	1.55E-05	-3.35E-05				
98	682.27	-5.59E-01	-7.35E-02	-3.15E-01	1.04E+00	1.60E-01	-9.10E-01	7.54E-01	-1.39E+00	51.55	6.46E-01	-4.68E-01	
	112.00	-1.11E-05	7.58E-06	-1.70E-06	8.01E-05	1.39E-05	-7.00E-05	3.94E-05	-4.29E-05				
99	751.43	-1.75E+00	5.86E-01	-5.02E-01	1.17E+00	7.39E-01	-1.58E+00	1.07E+00	-2.24E+00	67.43	5.86E-01	-1.17E+00	
	96.00	-4.90E-05	4.08E-05	-1.02E-06	9.03E-05	5.69E-05	-1.22E-04	5.96E-05	-6.77E-05				
100	683.25	-5.63E-01	-1.26E-01	-3.17E-01	3.85E-01	1.30E-01	-4.84E-01	9.81E-02	-7.87E-01	59.80	-5.63E-01	3.85E-01	
	152.00	-1.06E-05	6.22E-06	-1.15E-06	2.96E-05	1.00E-05	-3.72E-05	1.48E-05	-1.92E-05				
101	648.67	-2.62E+00	-1.36E+00	-1.65E+00	2.56E-01	3.23E-01	-4.06E-01	-1.29E+00	-2.67E+00	79.13	-1.34E+00	-2.56E-01	
	192.00	-3.92E-05	1.01E-05	-1.86E-06	1.97E-05	2.48E-05	-3.12E-05	1.20E-05	-4.10E-05				
102	725.25	-4.16E-01	1.99E-01	-1.01E-01	4.28E-01	7.54E-02	-2.97E-01	4.18E-01	-6.35E-01	62.65	-7.40E-02	-5.25E-01	
	232.70	-1.25E-05	1.11E-05	-3.91E-07	3.29E-05	5.80E-06	-2.28E-05	1.96E-05	-2.09E-05				
103	635.50	-3.15E-01	-2.33E-01	-2.05E-01	4.01E-02	5.19E-02	-1.56E-01	-2.16E-01	-3.32E-01	67.97	-3.15E-01	4.01E-02	
	256.00	-3.86E-06	-6.73E-07	3.94E-07	3.08E-06	3.99E-06	-1.20E-05	-4.97E-08	-4.48E-06				
104	635.50	-1.01E+00	-6.59E-01	-6.49E-01	-7.53E-03	1.44E-01	-1.45E-02	-6.59E-01	-1.01E+00	-88.76	-6.59E-01	7.53E-03	
	290.67	-1.33E-05	1.02E-07	4.72E-07	-5.79E-07	1.11E-05	-1.12E-06	1.08E-07	-1.33E-05				
105	569.00	6.15E-02	7.51E-02	-1.83E-01	1.60E+00	4.59E-01	-1.46E+00	1.67E+00	-1.53E+00	45.16	6.15E-02	1.60E+00	
	16.50	2.83E-06	3.51E-06	-6.58E-06	1.23E-04	3.53E-05	-1.13E-04	6.45E-05	-5.82E-05				
106	508.50	2.27E+00	1.52E+00	1.21E+00	9.84E-01	9.77E-01	-4.76E-01	2.95E+00	8.38E-01	34.55	1.52E+00	-9.84E-01	
	13.00	3.23E-05	3.41E-06	-8.27E-06	7.57E-05	7.52E-05	-3.66E-05	5.84E-05	-2.27E-05				
107	521.00	6.86E-01	4.49E-01	8.62E-02	1.48E+00	3.82E-01	-8.45E-01	2.05E+00	-9.16E-01	42.71	6.86E-01	1.48E+00	
	15.75	1.30E-05	3.86E-06	-1.01E-05	1.14E-04	2.94E-05	-6.50E-05	6.55E-05	-4.86E-05				
108	526.25	5.76E-01	3.68E-01	4.60E-02	1.64E+00	3.18E-01	-8.72E-01	2.12E+00	-1.17E+00	43.19	5.76E-01	1.64E+00	
	21.00	1.13E-05	3.27E-06	-9.11E-06	1.26E-04	2.45E-05	-6.71E-05	7.06E-05	-5.61E-05				
109	515.50	1.34E+00	8.99E-01	6.59E-01	1.95E+00	6.26E-01	-4.83E-01	3.08E+00	-8.47E-01	41.81	8.99E-01	-1.95E+00	
	26.00	1.96E-05	2.78E-06	-6.47E-06	1.50E-04	4.82E-05	-3.71E-05	8.68E-05	-6.44E-05				
110	531.50	1.46E-01	1.90E-01	-1.20E-01	1.35E+00	2.19E-01	-7.32E-01	1.51E+00	-1.18E+00	45.47	1.46E-01	1.35E+00	
	34.50	3.24E-06	4.95E-06	-7.00E-06	1.03E-04	1.68E-05	-5.63E-05	5.58E-05	-4.77E-05				
111	515.50	-1.11E+00	-1.57E+00	-1.36E+00	3.83E+00	1.58E-01	-5.71E-01	2.49E+00	-5.16E+00	43.30	-1.11E+00	3.83E+00	
	44.00	1.59E-06	-1.59E-05	-7.95E-06	2.94E-04	1.22E-05	-4.39E-05	1.40E-04	-1.55E-04				
112	515.50	-7.98E-01	-4.95E-01	-7.06E-01	8.97E-01	2.85E-01	-3.85E-01	2.64E-01	-1.56E+00	49.80	-4.95E-01	-8.97E-01	
	53.33	-8.72E-06	2.94E-06	-5.20E-06	6.90E-05	2.19E-05	-2.96E-05	3.21E-05	-3.79E-05				
113	547.50	-6.48E-01	3.17E-01	-3.11E-01	1.48E+00	2.24E-01	-1.03E+00	1.39E+00	-1.72E+00	54.04	7.70E-01	-1.24E+00	
	64.00	-1.79E-05	1.92E-05	-4.90E-06	1.14E-04	1.73E-05	-7.96E-05	6.05E-05	-5.91E-05				
114	515.50	-1.31E+00	-1.38E+00	-1.24E+00	1.59E+00	1.06E-01	-6.53E-01	2.41E-01	-2.93E+00	44.41	-1.31E+00	1.59E+00	
	74.67	-7.27E-06	-9.80E-06	-4.52E-06	1.22E-04	8.13E-06	-5.03E-05	5.25E-05	-6.95E-05				
115	515.50	-2.83E+00	-1.78E+00	-1.99E+00	5.78E-01	2.65E-01	-3.55E-01	-1.52E+00	-3.06E+00	66.15	-1.78E+00	-5.78E-01	
	88.00	-3.63E-05	4.15E-06	-4.12E-06	4.45E-05	2.04E-05	-2.73E-05	1.40E-05	-4.61E-05				
116	547.50	-1.48E+00	2.24E-03	-7.32E-01	1.83E+00	2.26E-01	-1.03E+00	1.23E+00	-2.71E+00	56.04	7.74E-01	-1.26E+00	
	104.00	-3.26E-05	2.44E-05	-3.88E-06	1.40E-04	1.74E-05	-7.93E-05	7.17E-05	-7.99E-05				
117	515.50	-5.50E-01	-4.07E-01	-4.47E-01	1.26E+00	1.54E-02	-8.02E-01	7.79E-01	-1.74E+00	46.62	-5.50E-01	1.26E+00	
	120.00	-5.71E-06	-2.45E-07	-1.75E-06	9.65E-05	1.19E-06	-6.17E-05	4.54E-05	-5.13E-05				
118	515.50	-2.15E+00	-1.33E+00	-1.46E+00	4.89E-01	5.69E-02	-3.03E-01	-1.10E+00	-2.38E+00	65.14	-1.33E+00	-4.89E-01	
	136.00	-2.86E-05	3.30E-06	-1.85E-06	3.76E-05	4.38E-06	-2.33E-05	1.20E-05	-3.73E-05				
119	547.50	-1.26E+00	-1.66E-01	-6.22E-01	1.25E+00	9.40E-02	-6.60E-01	6.48E-01	-2.07E+00	56.82	3.56E-01	-8.42E-01	
	152.00	-2.57E-05	1.62E-05	-1.74E-06	9.58E-05	7.23E-06	-5.08E-05	4.75E-05	-5.71E-05				
120	515.50	-5.81E-01	-3.03E-01	-3.29E-01	8.29E-01	-4.33E-02	-7.03E-01	3.98E-01	-1.28E+00	49.76	-5.81E-01	8.29E-01	
	168.00	-9.00E-06	1.67E-06	6.67E-07	6.37E-05	-3.33E-06	-5.41E-05	2.86E-05	-3.60E-05				
121	515.50	-2.68E+00	-1.67E+00	-1.76E+00	3.99E-01	-6.21E-02	-2.31E-01	-1.53E+00	-2.82E+00	70.87	-1.67E+00	-3.99E-01	
	184.00	-3.60E-05	2.95E-06	-5.00E-07	3.07E-05	-4.78E-06	-1.77E-05	8.27E-06	-4.13E-05				
122	547.50	-8.43E-01	5.01E-01	-1.54E-01	1.41E+00	7.11E-03	-7.99E-01	1.39E+00	-1.74E+00	57.72	1.09E+00	-9.31E-01	
	200.00	-2.70E-05	2.47E-05	-4.70E-07	1.09E-04	5.47E-07	-6.15E-05	5.90E-05	-6.13E-05				
123	515.50	[illegible]36E-01	8.44E-01	6.15E-01	6.22E-01	-1.99E-01	[illegible]-01	1.29E+00	-1.41E-02	54.10	4.36E-01	6.22E-[illegible]	
	216.00	[illegible]07E-06	1.16E-05	2.84E-06	4.78E-05	-1.53E-05	[illegible]-05	2.90E-05	-2.14E-05				
124	51[illegible]	[illegible]83E-01	-5.08E-01	-6.11E-01	1.90E-01	-4.80E-01	[illegible]-01	-5.11E-01	-1.06E+00	68.05	-5.88E-01	-1.[illegible]	

	232.	[illegible]1.38E-05	1.34E-06	4.86E-07	1.46E-05	-3.70E-05	[illegible]E-05	4.31E-06	-1.68E-05				
125	547.	[illegible]6.93E-01	-4.95E-01	-4.59E-01	3.57E-01	-2.31E-01	[illegible]1E-02	-2.23E-01	-9.64E-01	52.76	-3.38E-01	-2.68[illegible]	
	248.00	-8.56E-06	-9.41E-07	4.58E-07	2.74E-05	-1.77E-05	1.70E-06	9.49E-06	-1.90E-05				
126	515.50	5.55E-01	9.46E-01	7.35E-01	-2.46E-02	-2.52E-01	-8.06E-01	9.48E-01	5.53E-01	-86.42	5.55E-01	-2.46E-02	
	264.00	-3.23E-06	1.19E-05	3.69E-06	-1.89E-06	-1.94E-05	-6.20E-05	1.19E-05	-3.29E-06				
127	515.50	-7.05E-01	-4.53E-01	-4.48E-01	1.19E-01	-5.21E-01	-7.68E-02	-4.06E-01	-7.52E-01	68.34	-4.53E-01	-1.19E-01	
	274.00	-9.45E-06	2.15E-07	4.09E-07	9.12E-06	-4.78E-05	-5.91E-06	2.03E-06	-1.13E-05				
128	531.50	5.01E-02	7.52E-02	1.36E-01	6.17E-02	-2.28E-01	-3.99E-02	1.26E-01	-2.69E-04	50.76	5.01E-02	6.17E-02	
	297.00	-9.41E-07	2.49E-08	2.35E-06	4.75E-06	-1.75E-05	-3.07E-06	1.96E-06	-2.88E-06				
129	515.50	1.06E+00	1.25E+00	1.07E+00	-1.33E-01	-2.54E-01	-6.24E-01	1.32E+00	9.94E-01	-63.06	1.06E+00	-1.33E-01	
	320.00	3.65E-06	1.11E-05	3.85E-06	-1.02E-05	-1.95E-05	-4.80E-05	1.37E-05	1.05E-06				
183	565.50	-3.43E-02	2.30E-01	-2.27E-01	2.36E+00	6.03E-01	-1.96E+00	2.46E+00	-2.27E+00	46.60	-3.43E-02	2.36E+00	
	-8.00	-9.76E-07	5.18E-06	-8.37E-06	1.81E-04	4.64E-05	-1.51E-04	9.50E-05	-8.68E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1436E+02	-.9253E+02	.1116E+03	.3077E+02	.8347E+02	-.5381E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.3769E+01	.1857E+01	.1062E+01	.2243E+02	-.2183E+02	-.2450E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.3706E+01	-.6455E+00	.5210E+00	.3434E+02	-.4994E+02	-.4371E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.5086E+01	.1134E+01	.1871E+00	.4756E+02	-.7712E+02	-.6372E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.5532E+01	-.8168E+00	.1670E+00	.6122E+02	-.1042E+03	-.8524E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.2113E+00	-.4790E+00	.3907E+00	.8259E+02	-.1312E+03	-.1101E+03
25	.1214E+02	.1975E+01	.1292E+00	.1039E+03	-.1445E+03	-.1338E+03
26	-.1080E+02	-.1458E+01	.1069E+00	.1121E+03	-.1524E+03	-.1512E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5503E+02	-.1113E+02	.2206E+01	.1138E+03	-.2073E+03	-.1649E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1165E+04	.1949E+03	-.2963E+01	.1601E+03	-.5417E+03	-.2574E+03
40	.7543E+03	.1118E+03	.6618E+01	.1490E+03	-.5354E+03	-.2369E+03
41	.4322E+03	.5193E+02	.1272E+02	.1279E+03	-.4858E+03	-.2069E+03
42	.8619E+02	.2131E+01	.9739E+01	.1126E+03	-.3473E+03	-.1807E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.7644E+03	-.9271E+02	-.4216E+01	.1661E+02	-.5630E+03	.1163E+03
48	-.6517E+03	-.8109E+02	-.4562E+01	.6362E+02	-.5193E+03	.8501E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1470E+04	-.2253E+03	-.6593E+01	.1573E+02	-.3799E+03	.3869E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.3103E+01	.1252E+02	-.3661E+00	.9813E+01	-.5558E+03	.1078E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1009E+04	-.1539E+03	-.6603E+01	.3113E+02	-.3112E+03	.3695E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.7095E+03	-.1090E+03	-.8952E+01	.2883E+02	-.2982E+03	.3598E+03
66	-.2480E+03	-.3946E+02	-.1135E+02	.2826E+02	-.2631E+03	.3743E+03
67	.4727E+03	.6885E+02	-.1142E+02	.2918E+02	-.2291E+03	.3743E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.8433E+03	.1245E+03	-.9819E+01	.6691E+02	-.2060E+03	.3585E+03
76	-.8786E+02	-.1493E+02	-.6900E+01	.8093E+02	-.1682E+03	.3587E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3541E+03	.5186E+02	-.5124E+01	.8903E+02	-.1163E+03	.3482E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1462E+03	-.2288E+02	-.3816E+01	.1104E+03	-.8217E+02	.3355E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2077E+03	.3066E+02	-.3382E+01	.9309E+02	-.3629E+02	.3128E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1316E+03	-.1992E+02	-.2842E+01	.8612E+02	-.6543E+01	.2873E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
108	.1517E+03	.2295E+02	-.2939E+01	.[illegible]	.3163E+02	.2575E+03

	-.8675E+02	-.1255E+02	-.2595E+01	.8[illegible]2	.6043E+02	.2237E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1269E+03	.1982E+02	-.2599E+01	.5492E+02	.8966E+02	.1825E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.7972E+02	.1295E+02	-.8214E+00	.3636E+02	.1078E+03	.1413E+03
115	.3472E+01	.1601E+01	-.4186E+00	.2080E+02	.1109E+03	.9932E+02
116	.4930E+02	.8708E+01	-.2976E+00	.7681E+01	.1238E+03	.6879E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4441E+02	.8081E+01	.1415E+00	.2157E+02	.1320E+03	.6651E+02
119	.1360E+02	.3429E+01	.2501E+00	-.1374E+02	.1239E+03	.3155E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.8888E+02	.1316E+02	.5419E+01	-.1971E+02	.1194E+03	.1200E+02
122	.7645E+02	.8784E+01	.1092E+02	.4041E+01	.1176E+03	.1846E+02
123	.5997E+02	.6343E+01	.9719E+01	.2948E+01	.1041E+03	.1700E+02
124	.4577E+02	.4622E+01	.6697E+01	.2178E+01	.8684E+02	.1582E+02
125	.3233E+02	.2916E+01	.4920E+01	.1533E+01	.7297E+02	.1468E+02
126	.1426E+02	-.1266E+00	.4617E+01	.7322E+00	.6322E+02	.1346E+02
127	.4645E+00	-.2523E+01	.4788E+01	.1562E+00	.5587E+02	.1183E+02
128	-.1458E+02	-.4758E+01	.4826E+01	-.1210E+01	.4001E+02	.9936E+01
129	-.1633E+02	-.4389E+01	.4341E+01	-.1895E+01	.2637E+02	.8118E+01
130	-.1219E+02	-.2858E+01	.3496E+01	-.2092E+01	.1552E+02	.6629E+01
131	-.3591E+01	-.5712E+00	.2655E+01	-.1908E+01	.8358E+01	.5492E+01
132	.3097E+00	.2359E+00	.2011E+01	-.1258E+01	.7050E+01	.4559E+01
133	.6001E+00	.2035E+00	.1796E+01	-.8643E+00	.6564E+01	.3735E+01
134	.1789E+00	.7319E-01	.1758E+01	-.6653E+00	.5266E+01	.2914E+01
135	.2881E-01	.1702E-01	.1971E+01	-.5129E+00	.3738E+01	.2151E+01
136	-.1665E-02	.1596E-01	.2610E+01	-.3698E+00	.2447E+01	.1443E+01
137	-.2868E-01	-.8564E-02	.4015E+01	-.3017E+00	.1121E+01	.7938E+00
138	-.2873E-02	.7008E-01	.5854E+02	-.2629E+00	-.3148E+00	.4137E+00
139	.5364E-01	.8700E-01	.3329E+01	-.3559E-01	.1724E+00	-.1850E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.19851E-01	-.12080E-03	.20062E-01	.00000E+00
3	-.36332E-01	-.43089E-03	.36302E-01	.00000E+00
4	-.39373E-01	-.44208E-03	.39177E-01	.00000E+00
5	-.42464E-01	.41639E-04	.42482E-01	.00000E+00
6	-.48126E-01	-.80502E-05	.48116E-01	-.15997E-04
7	-.44133E-01	-.11071E-02	.44841E-01	.00000E+00
8	-.48281E-01	-.88911E-03	.48498E-01	-.37949E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.19865E-01	-.29894E-03	.20158E-01	.00000E+00
11	-.36606E-01	-.68493E-03	.37383E-01	.00000E+00
12	-.40724E-01	-.85909E-03	.41667E-01	.00000E+00
13	-.44149E-01	-.71491E-03	.44735E-01	.00000E+00
14	-.48569E-01	-.10565E-02	.49519E-01	-.85723E-05
15	-.44674E-01	-.18449E-02	.47456E-01	.00000E+00
16	-.49007E-01	-.17324E-02	.51187E-01	-.61852E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.20045E-01	-.50274E-03	.21333E-01	.00000E+00
19	-.37318E-01	-.11207E-02	.39883E-01	.00000E+00
20	-.41601E-01	-.14359E-02	.44646E-01	.00000E+00
21	-.45212E-01	-.11487E-02	.48066E-01	.00000E+00
22	-.49594E-01	-.15231E-02	.53508E-01	-.50985E-05
23	-.46393E-01	-.20832E-02	.52676E-01	.00000E+00
24	-.50340E-01	-.27097E-02	.56536E-01	-.22262E-04
25	-.50856E-01	-.32764E-02	.58454E-01	-.26450E-05
26	-.51160E-01	-.32590E-02	.59578E-01	-.20348E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.19945E-01	-.97364E-03	.22586E-01	.00000E+00

706

3704

29	-.39028E-01	-.21374E-02	.42764E-01	.00000E+00
30	-.42575E-01	-.26058E-02	.48366E-01	.00000E+00
31	-.46885E-01	-.30293E-02	.53951E-01	.00000E+00
32	-.51475E-01	-.37172E-02	.60815E-01	-.58702E-04
33	-.46712E-01	-.42250E-02	.54217E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.19719E-01	-.13100E-02	.22811E-01	.00000E+00
36	-.38213E-01	-.26302E-02	.43691E-01	.00000E+00
37	-.43007E-01	-.30160E-02	.48548E-01	.00000E+00
38	-.48070E-01	-.39545E-02	.56289E-01	.00000E+00
39	-.52140E-01	-.52037E-02	.62991E-01	.21348E-04
40	-.52037E-01	-.52319E-02	.62489E-01	-.13716E-04
41	-.51937E-01	-.49511E-02	.62018E-01	-.35367E-04
42	-.51742E-01	-.44106E-02	.61478E-01	-.53557E-04
43	-.42240E-01	-.36427E-02	.48756E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.18141E-01	-.27211E-03	.21638E-01	.00000E+00
46	-.37715E-01	-.23581E-02	.43201E-01	.00000E+00
47	-.52191E-01	-.49967E-02	.63195E-01	.25880E-04
48	-.52175E-01	-.51041E-02	.63156E-01	.35901E-04
49	-.47996E-01	-.40304E-02	.55894E-01	.00000E+00
50	-.52634E-01	-.51245E-02	.63372E-01	.11145E-03
51	-.48078E-01	-.42305E-02	.55507E-01	.00000E+00
52	-.54076E-01	-.45723E-02	.60633E-01	.00000E+00
53	-.52235E-01	-.48062E-02	.63341E-01	.10880E-04
54	-.41830E-01	-.25410E-02	.46218E-01	.00000E+00
55	-.47072E-01	-.35197E-02	.51216E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.15567E-01	-.17991E-02	.17009E-01	.00000E+00
58	-.33590E-01	-.14978E-02	.32868E-01	.00000E+00
59	-.54934E-01	-.38272E-02	.58743E-01	.00000E+00
60	-.54039E-01	-.44325E-02	.59306E-01	.00000E+00
61	-.53067E-01	-.51411E-02	.63521E-01	.17329E-03
62	-.39597E-01	-.14944E-02	.39646E-01	.00000E+00
63	-.45758E-01	-.17197E-02	.46726E-01	.00000E+00
64	-.55198E-01	-.46129E-02	.61414E-01	.00000E+00
65	-.53655E-01	-.51570E-02	.63661E-01	.21616E-03
66	-.55118E-01	-.51966E-02	.63940E-01	.26388E-03
67	-.56704E-01	-.52137E-02	.64245E-01	.25268E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.12239E-01	.13216E-03	.10960E-01	.00000E+00
70	-.35550E-01	-.76212E-03	.35195E-01	.00000E+00
71	-.53279E-01	-.21164E-02	.54137E-01	.00000E+00
72	-.56650E-01	-.44941E-02	.61772E-01	.00000E+00
73	-.43895E-01	-.11110E-02	.41891E-01	.00000E+00
74	-.60142E-01	-.47335E-02	.64212E-01	.00000E+00
75	-.58060E-01	-.52387E-02	.64512E-01	.19373E-03
76	-.59904E-01	-.53351E-02	.64974E-01	.13699E-03
77	-.50688E-01	-.12900E-02	.49251E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.14567E-01	-.53591E-03	.15275E-01	.00000E+00
80	-.33871E-01	-.65918E-04	.32941E-01	.00000E+00
81	-.37611E-01	-.19143E-03	.36327E-01	.00000E+00
82	-.42056E-01	-.28981E-03	.42045E-01	.00000E+00
83	-.59537E-01	-.25960E-02	.60045E-01	.00000E+00
84	-.56000E-01	-.15107E-02	.55624E-01	.00000E+00
85	-.61999E-01	-.54111E-02	.65589E-01	.11011E-03
86	-.62323E-01	-.49302E-02	.65534E-01	.00000E+00
87	-.51114E-01	-.10182E-02	.48830E-01	.00000E+00
88	-.52288E-01	-.42209E-02	.63645E-01	.00000E+00
89	-.63461E-01	-.55398E-02	.66153E-01	.89443E-04
90	-.39708E-01	.69558E-04	.32546E-01	.00000E+00
91	-.42630E-01	.11143E-03	.35029E-01	.00000E+00
92	-.48801E-01	-.77446E-03	.37035E-01	.00000E+00

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.17302E-01	.00000E+00	.14486E-01	.00000E+00
95	-.31698E-01	.00000E+00	.25865E-01	.00000E+00
96	-.36232E-01	.00000E+00	.29236E-01	.00000E+00
97	-.37929E-01	.00000E+00	.29637E-01	.00000E+00
98	-.37398E-01	.00000E+00	.29164E-01	.00000E+00
99	-.40663E-01	-.32569E-03	.31300E-01	.00000E+00
100	-.50165E-01	-.11552E-02	.41158E-01	.00000E+00
101	-.60078E-01	-.28473E-02	.56824E-01	.00000E+00
102	-.65705E-01	-.57009E-02	.66982E-01	.79777E-04
103	-.62568E-01	-.33520E-02	.62880E-01	.00000E+00
104	-.66394E-01	-.54477E-02	.67687E-01	.00000E+00
105	-.67279E-01	-.58230E-02	.67659E-01	.68234E-04
106	-.65491E-01	-.39615E-02	.66707E-01	.00000E+00
107	-.68956E-01	-.58137E-02	.69074E-01	.00000E+00
108	-.69052E-01	-.59502E-02	.68306E-01	.65211E-04
109	-.70358E-01	-.60477E-02	.68773E-01	.55488E-04
110	-.69629E-01	-.66581E-02	.69644E-01	.00000E+00
111	-.71901E-01	-.65988E-02	.71159E-01	.00000E+00
112	-.71749E-01	-.61605E-02	.69187E-01	.49592E-04
113	-.71324E-01	-.61766E-02	.70224E-01	.00000E+00
114	-.72539E-01	-.61645E-02	.69373E-01	.18488E-04
115	-.72787E-01	-.62157E-02	.69514E-01	.60056E-05
116	-.72871E-01	-.61737E-02	.69411E-01	-.97414E-06
117	-.72373E-01	-.67635E-02	.71762E-01	.00000E+00
118	-.72822E-01	-.61771E-02	.69368E-01	-.70680E-05
119	-.72614E-01	-.61723E-02	.69252E-01	-.12864E-04
120	-.72855E-01	-.67446E-02	.71318E-01	.00000E+00
121	-.72201E-01	-.60930E-02	.68967E-01	-.24356E-04
122	-.72151E-01	-.58831E-02	.69011E-01	-.30990E-04
123	-.72071E-01	-.56785E-02	.69034E-01	-.36372E-04
124	-.71976E-01	-.54382E-02	.69059E-01	-.42775E-04
125	-.71845E-01	-.51539E-02	.69081E-01	-.50774E-04
126	-.71574E-01	-.45831E-02	.69117E-01	-.61289E-04
127	-.71271E-01	-.39441E-02	.69149E-01	-.64804E-04
128	-.70657E-01	-.25681E-02	.69218E-01	-.57285E-04
129	-.70194E-01	-.14634E-02	.69274E-01	-.42307E-04
130	-.69869E-01	-.61421E-03	.69337E-01	-.23649E-04
131	-.69716E-01	-.12960E-03	.69434E-01	-.14375E-05
132	-.69766E-01	-.24552E-03	.69525E-01	.46100E-05
133	-.69816E-01	-.38993E-03	.69607E-01	.20282E-05
134	-.69828E-01	-.39646E-03	.69676E-01	-.62481E-06
135	-.69824E-01	-.31753E-03	.69736E-01	-.19219E-05
136	-.69819E-01	-.21686E-03	.69777E-01	-.18711E-05
137	-.69816E-01	-.11208E-03	.69804E-01	-.21685E-05
138	-.69815E-01	-.12973E-04	.69815E-01	-.13662E-05
139	-.69815E-01	-.17963E-05	.69815E-01	-.17519E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7800E+01

FIN	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.87E-02	-7.89E-02	1.09E-02	-2.43E+00	-1.56E-02	2.47E+00	2.38E+00	-2.45E+00	-44.70	-2.87E-02	-2.43E+00
	-303.00	-4.78E-08	-2.33E-06	1.75E-06	-2.21E-04	-1.42E-06	2.25E-04	1.09E-04	-1.12E-04			
2	72.00	-4.49E-02	-1.08E-01	7.27E-02	-2.05E+00	-2.84E-03	2.10E+00	1.97E+00	-2.12E+00	-44.56	-4.49E-02	-2.05E+00
	-213.00	-1.00E-06	-3.87E-06	4.35E-06	-1.86E-04	-2.58E-07	1.91E-04	9.06E-05	-9.55E-05			
3	72.00	-3.14E-01	-1.34E-01	1.62E-01	-1.36E+00	1.59E-01	1.50E+00	1.14E+00	-1.59E+00	-46.89	-3.14E-01	-1.36E+00
	-138.00	-5.64E-06	-1.54E-06	5.19E-06	-6.20E-05	7.21E-06	6.80E-05	2.75E-05	-3.47E-05			
4	24.00	-1.97E+00	-1.24E+00	-1.58E+00	-2.58E+00	5.32E-01	2.90E+00	1.00E+00	-4.21E+00	-49.05	-1.97E+00	-2.58E+00
	-68.00	-2.32E-05	5.04E-06	-8.18E-06	-1.98E-04	4.09E-05	2.23E-04	9.11E-05	-1.05E-04			
5	72.00	7.42E-01	4.53E-01	9.54E-01	-1.16E+00	-7.20E-03	1.19E+00	1.77E+00	-5.73E-01	-41.45	4.53E-01	1.16E+00

	-88.00	4.91E-06	-6.20E-06	1.31E-05	-8.93E-05	-5.54E-07	9.13E-05	4.43E-05	-4.56E-05				
6	120.00	4.26E-01	4.49E-01	6.36E-01	-2.15E+00	-1.21E-01	2.11E+00	2.59E+00	-1.71E+00	-45.16	-1.68E+00	4.00E-01	
	-68.00	-2.25E-07	6.73E-07	7.86E-06	-1.66E-04	-4.32E-06	1.62E-04	8.30E-05	-8.26E-05				
7	36.25	-5.75E-01	-2.03E-01	-7.69E-02	-1.28E+00	1.65E-01	1.21E+00	9.07E-01	-1.68E+00	-49.13	-5.31E-01	-1.29E+00	
	-19.00	-1.27E-05	1.58E-06	6.44E-06	-9.86E-05	1.27E-05	9.35E-05	4.43E-05	-5.54E-05				
8	108.00	7.69E-02	1.04E-01	2.80E-01	-9.40E-01	8.54E-03	1.06E+00	1.03E+00	-8.50E-01	-45.42	7.69E-02	-9.40E-01	
	-19.00	-2.11E-06	-1.06E-06	5.70E-06	-7.23E-05	6.57E-07	8.35E-05	3.47E-05	-3.77E-05				
9	216.00	-1.57E-01	-2.41E-01	-1.03E-01	-2.45E+00	2.47E-02	2.55E+00	2.25E+00	-2.65E+00	-44.51	-1.57E-01	-2.45E+00	
	-303.00	-6.26E-07	-4.45E-06	1.83E-06	-2.22E-04	2.25E-06	2.31E-04	1.09E-04	-1.14E-04				
10	216.00	-1.99E-01	-2.54E-01	-5.72E-03	-2.10E+00	7.77E-02	2.22E+00	1.88E+00	-2.33E+00	-44.63	-1.99E-01	-2.10E+00	
	-213.00	-3.10E-06	-5.58E-06	5.70E-06	-1.91E-04	7.06E-06	2.02E-04	9.13E-05	-9.99E-05				
11	216.00	-2.79E-01	-2.16E-01	3.37E-01	-1.62E+00	2.32E-01	1.76E+00	1.37E+00	-1.87E+00	-45.56	-2.79E-01	-1.62E+00	
	-138.00	-5.52E-06	-4.08E-06	8.48E-06	-7.35E-05	1.05E-05	8.01E-05	3.20E-05	-4.16E-05				
12	168.00	-8.81E-01	-9.94E-01	-5.46E-01	-2.54E+00	4.18E-01	2.65E+00	1.61E+00	-3.48E+00	-44.37	-8.81E-01	-2.54E+00	
	-68.00	-7.29E-06	-1.16E-05	5.61E-06	-1.96E-04	3.22E-05	2.04E-04	8.84E-05	-1.07E-04				
13	216.00	9.17E-01	4.12E-01	1.04E+00	-1.07E+00	1.01E-01	1.00E+00	1.76E+00	-4.31E-01	-38.35	4.12E-01	1.07E+00	
	-88.00	9.17E-06	-1.02E-05	1.41E-05	-8.20E-05	7.77E-06	7.69E-05	4.16E-05	-4.27E-05				
14	264.00	1.60E-01	4.26E-01	6.54E-01	-2.11E+00	-3.99E-02	2.16E+00	2.40E+00	-1.82E+00	-46.81	-1.75E+00	5.10E-01	
	-68.00	-7.48E-06	2.75E-06	1.15E-05	-1.62E-04	-3.07E-06	1.66E-04	7.88E-05	-8.35E-05				
15	180.00	-1.50E-01	-2.57E-02	2.58E-01	-1.14E+00	2.79E-01	1.05E+00	1.06E+00	-1.23E+00	-46.56	-1.50E-01	-1.14E+00	
	-19.00	-6.69E-06	-1.89E-06	9.03E-06	-8.79E-05	2.15E-05	8.08E-05	3.97E-05	-4.83E-05				
16	252.00	-1.18E-01	2.93E-02	3.88E-01	-8.96E-01	1.13E-01	1.11E+00	8.55E-01	-9.43E-01	-47.34	-1.18E-01	-8.96E-01	
	-19.00	-7.82E-06	-2.17E-06	1.16E-05	-6.89E-05	8.71E-06	8.53E-05	2.96E-05	-3.96E-05				
17	361.00	-2.20E-01	-4.09E-01	-1.68E-01	-2.46E+00	1.73E-02	2.70E+00	2.15E+00	-2.78E+00	-43.90	-2.20E-01	-2.46E+00	
	-303.00	3.41E-07	-8.24E-06	2.72E-06	-2.24E-04	1.57E-06	2.45E-04	1.08E-04	-1.16E-04				
18	361.00	-2.30E-01	-4.01E-01	-1.27E-02	-2.22E+00	7.02E-02	2.40E+00	1.90E+00	-2.53E+00	-43.90	-2.30E-01	-2.22E+00	
	-213.00	-2.09E-06	-9.87E-06	7.78E-06	-2.02E-04	6.39E-06	2.18E-04	9.49E-05	-1.07E-04				
19	361.00	-2.91E-01	-3.24E-01	4.55E-01	-1.78E+00	2.51E-01	2.01E+00	1.48E+00	-2.09E+00	-44.73	-2.91E-01	-1.78E+00	
	-138.00	-5.77E-06	-6.53E-06	1.12E-05	-8.11E-05	1.14E-05	9.14E-05	3.44E-05	-4.67E-05				
20	312.00	-1.53E+00	-1.48E+00	-8.48E-01	-2.92E+00	7.06E-01	3.28E+00	1.41E+00	-4.42E+00	-45.24	-1.53E+00	-2.92E+00	
	-68.00	-1.64E-05	-1.46E-05	9.76E-06	-2.24E-04	5.43E-05	2.52E-04	9.67E-05	-1.28E-04				
21	360.67	1.46E+00	9.41E-01	1.54E+00	-1.42E+00	6.98E-02	1.50E+00	2.65E+00	-2.45E-01	-39.83	9.41E-01	1.42E+00	
	-88.00	1.28E-05	-7.17E-06	1.61E-05	-1.09E-04	5.37E-06	1.15E-04	5.84E-05	-5.28E-05				
22	409.33	-8.79E-01	-1.25E+00	-3.38E-01	-2.73E+00	4.00E-02	3.44E+00	1.67E+00	-3.81E+00	-43.04	-3.78E+00	3.81E-01	
	-68.00	-6.65E-06	-2.11E-05	1.41E-05	-2.10E-04	3.07E-06	2.64E-04	9.15E-05	-1.19E-04				
23	324.00	-3.62E-01	-5.86E-02	3.72E-01	-1.20E+00	4.97E-01	1.13E+00	9.97E-01	-1.42E+00	-48.61	-3.62E-01	-1.20E+00	
	-19.00	-1.34E-05	-1.73E-06	1.49E-05	-9.21E-05	3.82E-05	8.66E-05	3.89E-05	-5.40E-05				
24	372.00	-2.80E-01	7.14E-02	5.31E-01	-2.97E+00	4.73E-01	3.13E+00	2.88E+00	-3.08E+00	-46.69	-2.80E-01	-2.97E+00	
	-9.33	-1.43E-05	-7.95E-07	1.69E-05	-2.29E-04	3.64E-05	2.40E-04	1.07E-04	-1.22E-04				
25	401.25	-6.07E-02	8.01E-02	6.74E-01	-9.81E-01	1.78E-01	1.32E+00	9.93E-01	-9.74E-01	-47.05	8.57E-01	-4.98E-01	
	-19.00	-9.95E-06	-4.54E-06	1.83E-05	-7.54E-05	1.37E-05	1.01E-04	3.06E-05	-4.51E-05				
26	427.67	-1.68E+00	-1.88E+00	-8.24E-01	-3.33E+00	6.32E-01	4.43E+00	1.55E+00	-5.11E+00	-44.16	-3.67E+00	-2.74E+00	
	-9.33	-1.66E-05	-2.41E-05	1.65E-05	-2.56E-04	4.86E-05	3.41E-04	1.08E-04	-1.48E-04				
27	457.00	-2.60E-01	-5.93E-01	-2.45E-01	-2.46E+00	-7.63E-03	2.79E+00	2.04E+00	-2.90E+00	-43.06	-2.60E-01	-2.46E+00	
	-303.00	2.46E-06	-1.27E-05	3.14E-06	-2.24E-04	-6.94E-07	2.53E-04	1.07E-04	-1.17E-04				
28	457.00	-1.93E-01	-5.05E-01	-1.05E-02	-2.33E+00	4.17E-02	2.55E+00	1.99E+00	-2.69E+00	-43.08	-1.93E-01	-2.33E+00	
	-213.00	4.43E-07	-1.38E-05	8.72E-06	-2.12E-04	3.79E-06	2.32E-04	9.97E-05	-1.13E-04				
29	457.00	-3.63E-01	-3.81E-01	4.51E-01	-1.93E+00	6.01E-03	2.04E+00	1.56E+00	-2.30E+00	-44.87	-3.63E-01	-1.93E+00	
	-138.00	-6.71E-06	-7.12E-06	1.18E-05	-9.77E-05	2.73E-07	9.28E-05	3.69E-05	-5.07E-05				
30	442.00	-1.01E+00	-2.33E+00	-8.61E-01	-3.37E+00	-2.59E-02	3.76E+00	1.76E+00	-5.11E+00	-39.48	-1.01E+00	-3.37E+00	
	-68.00	7.22E-06	-4.34E-05	1.31E-05	-2.60E-04	-1.99E-06	2.90E-04	1.14E-04	-1.50E-04				
31	457.33	3.87E+00	1.47E+00	2.58E+00	-1.11E+00	-1.66E+00	1.95E+00	4.30E+00	1.04E+00	-21.38	1.47E+00	1.11E+00	
	-88.00	6.18E-05	-3.04E-05	1.21E-05	-8.52E-05	-1.27E-04	1.50E-04	7.84E-05	-4.70E-05				
32	472.67	-6.90E+00	-6.64E+00	-4.99E+00	-2.84E+00	1.07E+00	4.67E+00	-3.92E+00	-9.61E+00	-46.31	-8.70E+00	-2.09E+00	
	-68.00	-6.17E-05	-5.18E-05	1.17E-05	-2.19E-04	8.25E-05	3.59E-04	5.27E-05	-1.66E-04				
33	443.00	-5.33E-01	-5.71E-01	2.50E-01	-1.79E+00	2.54E-01	1.78E+00	1.24E+00	-2.35E+00	-44.69	-5.33E-01	-1.79E+00	
	-19.50	-1.11E-05	-1.26E-05	1.90E-05	-1.38E-04	1.96E-05	1.37E-04	5.71E-05	-8.08E-05				
34	454.00	-5.71E+00	-4.84E+00	-3.62E+00	-4.38E+00	1.29E+00	5.63E+00	-8.76E-01	-9.68E+00	-47.86	-7.47E+00	-3.81E+00	
	-11.33	-6.41E-05	-3.03E-05	1.65E-05	-3.37E-04	9.91E-05	4.33E-04	1.22E-04	-2.16E-04				
35	461.67	-2.23E+00	-3.18E+00	-1.57E+00	-4.13E+00	3.45E-01	5.87E+00	1.46E+00	-6.86E+00	-41.72	-2.23E+00	-4.13E+00	
	-12.00	-9.03E-06	-4.55E-05	1.63E-05	-3.18E-04	2.65E-05	4.51E-04	1.33E-04	-1.87E-04				
36	469.00	[illegible]51E+00	1.12E+00	2.49E+00	-3.76E-01	-1.44E+00	2[illegible]00	3.57E+00	1.06E+00	-8.71	1.12E+00	3.76E-0[illegible]	
	-30.00	[illegible]8E-05	-3.52E-05	1.75E-05	-2.89E-05	-1.11E-04	[illegible]04	5.90E-05	-3.74E-05				
37	476	[illegible]44E+00	-5.00E+00	-2.75E+00	-2.88E+00	3.68E-01	[illegible]00	-1.24E+00	-7.21E+00	-37.43	-4.63E+00	-2.9	

	-12.0[illegible]	[illegible].42E-06	-6.94E-05	1.73E-05	-2.22E-04	2.63E-05	[illegible]-04	7.54E-05	-1.54E-04			
38	558.5[illegible]	[illegible].49E-02	-2.29E-01	2.91E-02	-2.29E+00	-7.35E-02	[illegible]E+00	2.21E+00	-2.36E+00	-43.09	7.49E-02	-2.28E[illegible]
	-303.00	5.03E-06	-8.79E-06	2.95E-06	-2.07E-04	-6.69E-06	2.48E-04	1.02E-04	-1.06E-04			
39	558.50	-5.27E-02	-6.16E-01	-2.54E-02	-2.28E+00	-1.45E-01	2.63E+00	1.96E+00	-2.63E+00	-41.48	-5.27E-02	-2.28E+00
	-213.00	6.62E-06	-1.90E-05	7.96E-06	-2.07E-04	-1.32E-05	2.39E-04	9.83E-05	-1.11E-04			
40	506.17	1.29E-01	-1.61E+00	1.75E-01	-5.17E+00	-1.80E-01	5.53E+00	4.50E+00	-5.98E+00	-40.23	1.29E-01	-5.17E+00
	-128.00	9.77E-06	-2.97E-05	1.08E-05	-2.35E-04	-8.17E-06	2.52E-04	1.09E-04	-1.29E-04			
41	558.50	1.98E+00	-9.68E-01	8.66E-01	-2.24E+00	-1.13E+00	3.15E+00	3.19E+00	-2.17E+00	-28.30	-9.68E-01	2.24E+00
	-148.00	3.52E-05	-3.19E-05	9.82E-06	-1.02E-04	-5.15E-05	1.43E-04	6.26E-05	-5.92E-05			
42	610.83	-1.93E-01	-1.51E+00	-2.74E-02	-4.37E+00	-9.09E-01	4.33E+00	3.52E+00	-5.33E+00	-40.39	-5.30E+00	4.63E-01
	-128.00	5.22E-06	-2.70E-05	8.98E-06	-1.99E-04	-4.13E-05	1.97E-04	8.97E-05	-1.11E-04			
43	501.38	6.73E-01	-7.26E-03	7.78E-01	-1.20E+00	-3.72E-01	1.59E+00	1.58E+00	-9.18E-01	-37.11	6.73E-01	-1.20E+00
	-78.00	1.00E-05	-1.61E-05	1.40E-05	-9.26E-05	-2.86E-05	1.23E-04	4.50E-05	-5.12E-05			
44	534.67	-8.11E-01	-1.46E+00	-4.64E-01	-3.81E+00	-2.29E-01	4.56E+00	2.69E+00	-4.96E+00	-42.57	-4.95E+00	3.43E-01
	-68.00	-1.15E-06	-2.61E-05	1.22E-05	-2.93E-04	-1.76E-05	3.51E-04	1.34E-04	-1.61E-04			
45	584.67	6.67E-01	-1.22E-01	6.23E-01	-3.46E+00	-8.55E-01	3.54E+00	3.75E+00	-3.21E+00	-41.75	6.67E-01	-3.46E+00
	-68.00	1.28E-05	-1.75E-05	1.11E-05	-2.66E-04	-6.58E-05	2.72E-04	1.32E-04	-1.36E-04			
46	610.83	3.75E+00	4.12E-01	1.92E+00	-1.83E+00	-1.76E+00	2.77E+00	4.56E+00	-3.99E-01	-23.86	4.12E-01	1.83E+00
	-88.00	7.72E-05	-5.10E-05	7.18E-06	-1.41E-04	-1.36E-04	2.13E-04	1.08E-04	-8.22E-05			
47	682.63	7.74E-02	-5.27E-01	5.36E-01	-9.09E-01	-4.28E-01	1.80E+00	7.34E-01	-1.18E+00	-35.81	7.74E-02	-9.09E-01
	-21.00	2.03E-06	-2.12E-05	1.97E-05	-7.00E-05	-3.29E-05	1.38E-04	2.73E-05	-4.64E-05			
48	485.83	-2.39E+00	-3.73E+00	-1.86E+00	-2.63E+00	-6.52E-02	5.37E+00	-3.45E-01	-5.77E+00	-37.88	-2.74E+00	-2.69E+00
	-17.00	-4.39E-06	-5.57E-05	1.63E-05	-2.02E-04	-5.01E-06	4.13E-04	7.42E-05	-1.34E-04			
49	507.88	1.55E-01	-1.20E-01	6.85E-01	-9.78E-01	-2.37E-01	1.94E+00	1.00E+00	-9.70E-01	-41.01	1.55E-01	-9.78E-01
	-21.00	-1.96E-06	-1.25E-05	1.84E-05	-7.52E-05	-1.82E-05	1.49E-04	3.07E-05	-4.52E-05			
50	538.67	-6.70E-01	-1.12E+00	-2.13E-01	-3.42E+00	-1.17E+00	4.02E+00	2.53E+00	-4.32E+00	-43.13	-4.32E+00	1.08E-01
	-10.00	-3.79E-06	-2.10E-05	1.38E-05	-2.63E-04	-8.97E-05	3.09E-04	1.19E-04	-1.44E-04			
51	484.67	1.02E+01	7.05E+00	7.73E+00	2.78E-01	-6.61E-01	6.03E-01	1.02E+01	7.03E+00	5.00	7.05E+00	-2.78E-01
	8.00	1.18E-06	-3.40E-06	2.27E-05	2.14E-05	-5.08E-05	4.64E-05	1.19E-04	-4.33E-06			
52	507.00	-2.09E+00	-2.71E+00	-1.21E+00	-1.48E+00	-5.26E-01	-1.34E+00	-8.87E-01	-3.91E+00	-39.06	-3.53E+00	-9.99E-01
	9.00	-1.43E-05	-3.82E-05	1.94E-05	-1.14E-04	-4.04E-05	-1.03E-04	3.19E-05	-8.43E-05			
53	603.00	1.14E-01	-3.34E-02	3.44E-01	-1.37E+00	-5.52E-01	1.39E+00	1.41E+00	-1.33E+00	-43.46	9.52E-01	-1.03E+00
	-18.00	-2.79E-07	-5.95E-06	8.56E-06	-1.05E-04	-4.25E-05	1.07E-04	4.97E-05	-5.59E-05			
54	712.00	1.36E-01	-3.06E-01	-1.44E-02	-2.12E+00	-1.89E-01	2.37E+00	2.04E+00	-2.21E+00	-42.02	1.36E-01	-2.12E+00
	-303.00	8.58E-06	-1.15E-05	1.73E-06	-1.92E-04	-1.72E-05	2.15E-04	9.52E-05	-9.82E-05			
55	712.00	1.18E+00	4.74E-01	7.69E-01	-2.32E+00	-5.86E-01	2.31E+00	3.18E+00	-1.52E+00	-40.65	1.18E+00	-2.32E+00
	-213.00	2.23E-05	-9.97E-06	3.41E-06	-2.11E-04	-5.33E-05	2.10E-04	1.13E-04	-1.01E-04			
56	712.00	1.69E+00	7.04E-01	9.04E-01	-1.71E+00	-1.31E+00	1.86E+00	2.98E+00	-5.86E-01	-36.94	1.69E+00	-1.71E+00
	-138.00	2.12E-05	-1.33E-06	3.23E-06	-7.79E-05	-5.96E-05	8.44E-05	5.05E-05	-3.06E-05			
57	712.00	5.71E-01	1.37E-04	3.50E-01	-1.11E+00	-5.23E-01	1.35E+00	1.43E+00	-8.62E-01	-37.80	5.71E-01	-1.11E+00
	-78.00	1.18E-05	-1.01E-05	3.35E-06	-8.55E-05	-4.02E-05	1.04E-04	4.50E-05	-4.33E-05			
58	712.00	6.45E-01	2.35E-01	4.77E-01	-1.51E+00	-4.39E-01	1.67E+00	1.97E+00	-1.09E+00	-41.15	6.45E-01	-1.51E+00
	-18.00	9.90E-06	-5.87E-06	3.43E-06	-1.16E-04	-3.38E-05	1.28E-04	6.08E-05	-5.68E-05			
59	837.00	5.97E+00	3.25E+00	3.69E+00	-1.77E+00	-1.25E+00	2.08E+00	6.84E+00	2.37E+00	-26.22	3.25E+00	1.77E+00
	-318.00	1.04E-04	-2.00E-05	.00E+00	-1.61E-04	-1.13E-04	1.89E-04	1.43E-04	-5.96E-05			
60	887.00	7.14E-01	-1.49E-01	2.26E-01	-4.75E+00	-4.44E-01	4.76E+00	5.05E+00	-4.45E+00	-42.41	-4.11E+00	1.96E+00
	-288.00	2.22E-05	-1.71E-05	.00E+00	-4.32E-04	-4.03E-05	4.33E-04	2.19E-04	-2.14E-04			
61	987.00	-1.16E+00	-8.82E-01	-8.16E-01	-4.82E+00	3.16E-01	4.55E+00	3.80E+00	-5.84E+00	-45.82	-1.16E+00	-4.82E+00
	-288.00	-1.55E-05	-3.02E-06	.00E+00	-4.38E-04	2.88E-05	4.13E-04	2.10E-04	-2.28E-04			
62	1037.00	5.89E+00	3.49E+00	3.75E+00	-3.52E+00	-1.12E+00	3.73E+00	8.41E+00	9.66E-01	-35.60	3.49E+00	3.52E+00
	-318.00	9.71E-05	-1.19E-05	.00E+00	-3.20E-04	-1.02E-04	3.39E-04	2.12E-04	-1.26E-04			
63	862.00	1.45E-01	-2.83E-02	3.84E-02	-2.43E+00	-1.34E-01	2.46E+00	2.49E+00	-2.37E+00	-43.98	1.45E-01	-2.43E+00
	-213.00	4.56E-06	-3.29E-06	-2.65E-07	-2.21E-04	-1.21E-05	2.24E-04	1.11E-04	-1.10E-04			
64	1012.00	-2.67E-01	-2.71E-01	-2.29E-01	-2.60E+00	8.06E-02	2.56E+00	2.33E+00	-2.87E+00	-44.98	-2.67E-01	-2.60E+00
	-213.00	-2.17E-06	-2.34E-06	-4.58E-07	-2.37E-04	7.33E-06	2.33E-04	1.16E-04	-1.21E-04			
65	837.00	5.92E-02	3.13E-02	2.90E-03	-1.88E+00	3.88E-02	2.51E+00	1.93E+00	-1.84E+00	-44.79	3.13E-02	1.88E+00
	-148.00	8.55E-07	2.22E-07	-4.24E-07	-8.55E-05	1.76E-06	1.14E-04	4.33E-05	-4.22E-05			
66	937.00	3.72E-01	-8.59E-02	6.42E-02	-3.27E+00	-2.35E-01	3.09E+00	3.42E+00	-3.13E+00	-42.99	-2.27E+00	2.21E+00
	-128.00	6.62E-06	-3.79E-06	-3.79E-07	-1.48E-04	-1.07E-05	1.40E-04	7.58E-05	-7.36E-05			
67	1037.00	3.09E+00	3.16E-01	9.71E-01	-3.14E+00	-1.14E+00	3.31E+00	5.13E+00	-1.73E+00	-33.06	3.16E-01	3.14E+00
	-148.00	4.73E-05	-1.59E-05	-8.97E-07	-1.43E-04	-5.17E-05	1.50E-04	9.37E-05	-6.22E-05			
68	837.00	8.88E-01	5.23E-01	5.66E-01	-3.55E+00	-4.20E-01	3.58E+00	4.26E+00	-2.85E+00	-43.53	8.88E-01	-3.55E+00
	-68.00	1.24E-05	-1.62E-06	5.88E-08	-2.73E-04	-3.23E-05	2.75E-04	1.42E-04	-1.31E-04			
69	937.00	1.40E+00	-8.68E-02	4.75E-01	-1.89E+00	-5.11E-01	1.81E+00	2.69E+00	-1.37E+00	-34.27	-8.66E-02	1.89E+00

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3704

	-88.00	3.42E-05	-2.30E-05	-1.37E-06	-1.45E-04	-3.93E-05	1.39E-04	8.37E-05	-7.25E-05				
70	1037.00	-7.34E-02	-9.75E-01	-4.25E-01	-3.22E+00	2.94E-02	3.69E+00	2.77E+00	-3.72E+00	-41.45	-2.98E+00	2.05E+00	
	-68.00	1.23E-05	-1.86E-05	-1.24E-06	-2.47E-04	2.27E-06	2.83E-04	1.22E-04	-1.26E-04				
71	862.00	8.84E-01	3.73E-01	4.86E-01	-1.40E+00	-4.15E-01	1.62E+00	2.14E+00	-8.82E-01	-40.13	8.84E-01	-1.49E+00	
	-18.00	1.48E-05	-4.80E-06	-4.69E-07	-1.14E-04	-3.19E-05	1.25E-04	6.31E-05	-5.31E-05				
72	1012.00	-9.98E-02	-4.19E-01	-2.59E-01	-1.67E+00	6.87E-03	1.54E+00	1.42E+00	-1.94E+00	-42.27	-9.98E-02	-1.67E+00	
	-18.00	4.71E-06	-7.57E-06	-1.42E-06	-1.28E-04	5.29E-07	1.19E-04	6.31E-05	-6.59E-05				
73	1387.00	-2.98E-01	-3.13E-01	-2.56E-01	-1.94E+00	-3.05E-03	1.82E+00	1.64E+00	-2.25E+00	-44.89	-2.98E-01	-1.94E+00	
	-303.00	-2.28E-06	-2.98E-06	-3.80E-07	-1.77E-04	-2.78E-07	1.45E-04	8.57E-05	-9.09E-05				
74	1387.00	1.37E-02	8.15E-02	-1.12E-02	-2.05E+00	-5.45E-02	1.78E+00	2.10E+00	-2.01E+00	-45.47	1.37E-02	-2.05E+00	
	-213.00	-4.67E-07	2.61E-06	-1.60E-06	-1.87E-04	-4.96E-06	1.61E-04	9.44E-05	-9.23E-05				
75	1387.00	1.04E-01	-7.24E-02	-1.46E-01	-1.51E+00	-2.00E-01	1.24E+00	1.53E+00	-1.50E+00	-43.33	1.04E-01	-1.51E+00	
	-138.00	2.96E-06	-1.05E-06	-2.71E-06	-6.87E-05	-9.09E-06	5.64E-05	3.54E-05	-3.35E-05				
76	1187.00	6.12E-01	4.37E-01	3.80E-01	-2.36E+00	-3.98E-01	1.66E+00	2.89E+00	-1.84E+00	-43.94	6.12E-01	-2.36E+00	
	-68.00	7.83E-06	1.10E-06	-1.09E-06	-1.82E-04	-3.06E-05	1.28E-04	9.55E-05	-8.65E-05				
77	1387.00	6.39E-01	4.14E-01	2.37E-01	-1.12E+00	-3.13E-01	1.08E+00	1.65E+00	-6.02E-01	-42.14	4.14E-01	1.12E+00	
	-88.00	1.04E-05	1.74E-06	-5.04E-06	-8.64E-05	-2.41E-05	8.28E-05	4.95E-05	-3.73E-05				
78	1587.00	2.93E-01	1.69E-01	2.47E-02	-1.49E+00	-6.88E-02	8.91E-01	1.72E+00	-1.26E+00	-43.81	-4.00E-01	1.35E+00	
	-68.00	5.93E-06	1.16E-06	-4.41E-06	-1.15E-04	-5.29E-06	6.85E-05	6.10E-05	-5.39E-05				
79	1237.00	9.31E-01	3.13E-01	3.72E-01	-1.27E+00	-4.60E-01	1.01E+00	1.92E+00	-6.81E-01	-38.14	9.31E-01	-1.27E+00	
	-18.00	1.81E-05	-5.73E-06	-3.45E-06	-9.74E-05	-3.54E-05	7.75E-05	5.63E-05	-4.39E-05				
80	1433.80	5.63E-01	6.38E-02	6.89E-02	-1.51E+00	-2.80E-01	8.05E-01	1.85E+00	-1.22E+00	-40.32	5.63E-01	-1.51E+00	
	-8.00	1.40E-05	-5.19E-06	-4.99E-06	-1.16E-04	-2.16E-05	6.19E-05	6.34E-05	-5.46E-05				
81	1533.80	9.36E-01	1.82E-01	2.50E-01	-8.37E-01	-2.94E-01	4.89E-01	1.48E+00	-3.59E-01	-32.87	1.82E-01	8.37E-01	
	-28.00	2.10E-05	-8.04E-06	-5.41E-06	-6.44E-05	-1.95E-05	3.76E-05	4.18E-05	-2.88E-05				
82	1683.80	1.05E+00	3.76E-01	3.85E-01	-3.36E-01	-1.08E-01	1.56E-01	1.19E+00	2.38E-01	-22.46	2.39E-01	3.09E-02	
	-8.00	2.05E-05	-5.43E-06	-5.08E-06	-2.58E-05	-8.31E-06	1.20E-05	2.58E-05	-1.08E-05				
83	1433.80	3.76E+00	1.57E+00	1.90E+00	-9.43E-01	-1.14E+00	5.60E-01	4.11E+00	1.22E+00	-20.38	1.57E+00	9.43E-01	
	27.60	6.52E-05	-1.89E-05	-6.53E-06	-7.25E-05	-8.74E-05	4.31E-05	7.87E-05	-3.24E-05				
84	1296.10	1.36E+00	1.43E-01	4.06E-01	-1.04E+00	-5.40E-01	6.14E-01	1.96E+00	-4.53E-01	-29.84	7.88E-01	1.20E+00	
	40.70	3.13E-05	-1.55E-05	-5.35E-06	-8.00E-05	-4.15E-05	4.73E-05	5.42E-05	-3.84E-05				
85	1148.60	6.68E-01	-2.64E-01	8.92E-02	-1.47E+00	-6.27E-01	6.47E-01	1.74E+00	-1.34E+00	-36.22	-1.09E+00	-8.44E-01	
	57.33	2.03E-05	-1.56E-05	-1.99E-06	-1.13E-04	-4.82E-05	4.98E-05	6.17E-05	-5.70E-05				
86	1131.40	4.71E+00	2.40E+00	2.55E+00	-4.44E-01	-1.91E+00	1.76E-01	4.79E+00	2.31E+00	-10.51	2.40E+00	4.44E-01	
	112.00	7.49E-05	-1.39E-05	-7.96E-06	-3.41E-05	-1.47E-04	1.35E-05	7.81E-05	-1.71E-05				
87	1019.80	1.29E+00	2.49E-01	5.35E-01	-1.43E+00	-6.33E-01	2.19E+00	2.29E+00	-7.53E-01	-34.99	2.49E-01	1.43E+00	
	94.67	2.69E-05	-1.32E-05	-2.24E-06	-1.10E-04	-4.87E-05	1.68E-04	6.54E-05	-5.18E-05				
88	886.60	7.61E-01	1.34E-01	3.53E-01	-1.19E+00	-3.14E-01	1.43E+00	1.68E+00	-7.83E-01	-37.61	7.61E-01	-1.19E+00	
	46.00	1.56E-05	-8.58E-06	-1.26E-07	-9.15E-05	-2.41E-05	1.10E-04	5.08E-05	-4.38E-05				
89	869.80	3.42E+00	1.57E+00	1.98E+00	-6.11E-01	-8.37E-01	7.90E-01	3.60E+00	1.39E+00	-16.74	1.57E+00	6.11E-01	
	96.00	5.49E-05	-1.62E-05	-4.32E-07	-4.70E-05	-6.44E-05	6.08E-05	6.20E-05	-2.32E-05				
90	952.60	6.22E-01	-1.63E+00	-4.19E-01	-1.85E+00	-5.64E-01	1.33E+00	1.66E+00	-2.67E+00	-29.30	-2.24E+00	1.29E+00	
	128.00	3.97E-05	-4.71E-05	-3.95E-07	-1.42E-04	-4.34E-05	1.02E-04	7.96E-05	-8.70E-05				
91	869.80	9.77E-01	3.99E-02	4.20E-01	-8.50E-01	-5.22E-01	4.83E-01	1.48E+00	-4.62E-01	-30.57	9.77E-01	-8.50E-01	
	160.00	2.18E-05	-1.43E-05	3.59E-07	-6.54E-05	-4.01E-05	3.72E-05	4.11E-05	-3.36E-05				
92	869.80	4.51E+00	1.53E+00	2.28E+00	-3.34E-01	-1.66E+00	5.04E-01	4.55E+00	1.45E+00	-6.31	1.53E+00	3.34E-01	
	203.60	8.20E-05	-3.26E-05	-3.74E-06	-2.57E-05	-1.27E-04	3.87E-05	8.35E-05	-3.40E-05				
93	598.67	-3.60E-02	-1.36E-01	1.63E-01	-2.40E+00	-1.02E+00	2.76E+00	2.32E+00	-2.49E+00	-44.41	-1.36E-01	2.40E+00	
	16.00	-1.29E-06	-5.13E-06	6.36E-06	-1.85E-04	-7.86E-05	2.12E-04	8.93E-05	-9.57E-05				
94	645.75	5.41E-01	1.43E-01	4.69E-01	-1.53E+00	-4.71E-01	1.41E+00	1.88E+00	-1.20E+00	-41.29	5.41E-01	-1.53E+00	
	24.00	8.14E-06	-7.17E-06	5.37E-06	-1.17E-04	-3.63E-05	1.09E-04	5.97E-05	-5.87E-05				
95	613.10	6.63E-01	8.00E-01	8.27E-01	-2.56E+00	-3.30E-01	9.44E-01	3.29E+00	-1.83E+00	-45.76	6.63E-01	-2.56E+00	
	69.33	3.48E-07	5.60E-06	6.64E-06	-1.97E-04	-2.54E-05	7.26E-05	1.01E-04	-9.54E-05				
96	708.45	9.79E-01	1.31E-01	5.31E-01	-1.21E+00	-4.67E-01	1.20E+00	1.84E+00	-7.26E-01	-35.34	9.06E-01	1.23E+00	
	55.00	1.96E-05	-1.30E-05	2.40E-06	-9.30E-05	-3.60E-05	9.21E-05	5.26E-05	-4.60E-05				
97	613.10	2.75E+00	1.38E+00	1.73E+00	-7.69E-01	-1.04E+00	6.73E-01	3.10E+00	1.04E+00	-24.12	1.38E+00	7.69E-01	
	96.00	4.14E-05	-1.14E-05	2.21E-06	-5.92E-05	-7.98E-05	5.17E-05	5.47E-05	-2.46E-05				
98	682.27	9.12E-01	1.18E-01	4.84E-01	-1.67E+00	-3.27E-01	1.43E+00	2.23E+00	-1.20E+00	-38.30	-1.03E+00	7.42E-01	
	112.00	1.84E-05	-1.21E-05	1.99E-06	-1.28E-04	-2.52E-05	1.10E-04	6.90E-05	-6.27E-05				
99	751.43	2.82E+00	-9.85E-01	7.50E-01	-1.89E+00	-1.23E+00	2.56E+00	3.60E+00	-1.77E+00	-22.43	-9.85E-01	1.89E+00	
	96.00	8.00E-05	-8.64E-05	6.76E-07	-1.46E-04	-9.47E-05	1.97E-04	1.10E-04	-9.65E-05				
100	683.25	9.03E-01	1.85E-01	4.75E-01	-6.19E-01	-2.39E-01	7.94E-01	1.26E+00	-1.72E-01	-29.94	9.03E-01	-6.19E-01	
	152.00	[illegible]6E-05	-1.01E-05	1.08E-06	-4.76E-05	-1.84E-05	6[illegible]-05	3.13E-05	-2.38E-05				
101	648	[illegible]6E+00	2.16E+00	2.64E+00	-4.00E-01	-6.00E-01	[illegible]01	4.34E+00	2.09E+00	-10.45	2.16E+00	4.0[illegible]	

	192.0[illegible]	[illegible].43E-05	-1.64E-05	1.88E-06	-3.08E-05	-4.61E-05	[illegible]E-05	6.71E-05	-1.92E-05				
102	72[illegible]	[illegible].64E-01	-3.35E-01	1.24E-01	-6.94E-01	-1.45E-01	[illegible]E-01	1.02E+00	-6.90E-01	-27.14	1.08E-01	8.53[illegible]	
	232.70	2.08E-05	-1.79E-05	-2.10E-07	-5.34E-05	-1.12E-05	[illegible]1E-05	3.43E-05	-3.15E-05				
103	635.50	5.27E-01	4.15E-01	3.34E-01	-5.44E-02	-1.04E-01	2.08E-01	5.49E-01	3.93E-01	-22.09	5.27E-01	-5.44E-02	
	256.00	6.24E-06	1.93E-06	-1.17E-06	-4.19E-06	-7.99E-06	1.60E-05	7.09E-06	1.09E-06				
104	635.50	1.61E+00	1.06E+00	1.01E+00	2.30E-02	-3.00E-01	2.31E-02	1.61E+00	1.06E+00	2.37	1.06E+00	-2.30E-02	
	290.67	2.16E-05	3.38E-07	-1.73E-06	1.77E-06	-2.31E-05	1.77E-06	2.16E-05	3.01E-07				
105	569.00	-1.16E-01	-1.52E-01	2.63E-01	-2.57E+00	-7.56E-01	2.37E+00	2.44E+00	-2.71E+00	-44.80	-1.16E-01	-2.57E+00	
	16.50	-4.40E-06	-5.81E-06	1.02E-05	-1.98E-04	-5.82E-05	1.82E-04	9.39E-05	-1.04E-04				
106	508.50	-3.66E+00	-2.46E+00	-1.98E+00	-1.59E+00	-1.62E+00	7.63E-01	-1.37E+00	-4.76E+00	-55.40	-2.46E+00	1.59E+00	
	13.00	-5.19E-05	-5.54E-06	1.29E-05	-1.22E-04	-1.24E-04	5.87E-05	3.65E-05	-9.40E-05				
107	521.00	-1.12E+00	-7.34E-01	-1.59E-01	-2.39E+00	-6.28E-01	1.36E+00	1.47E+00	-3.32E+00	-47.29	-1.12E+00	-2.39E+00	
	15.75	-2.08E-05	-6.15E-06	1.59E-05	-1.84E-04	-4.83E-05	1.05E-04	7.86E-05	-1.06E-04				
108	526.25	-9.40E-01	-6.04E-01	-9.61E-02	-2.65E+00	-5.25E-01	1.40E+00	1.88E+00	-3.43E+00	-46.81	-9.40E-01	-2.65E+00	
	21.00	-1.81E-05	-5.22E-06	1.43E-05	-2.04E-04	-4.04E-05	1.08E-04	9.05E-05	-1.14E-04				
109	51[illegible].50	-2.16E+00	-1.46E+00	-1.09E+00	-3.15E+00	-1.05E+00	7.75E-01	1.36E+00	-4.98E+00	-48.16	-1.46E+00	3.15E+00	
	26.00	-3.13E-05	-4.51E-06	9.94E-06	-2.42E-04	-8.09E-05	5.96E-05	1.04E-04	-1.40E-04				
110	531.50	-2.47E-01	-3.20E-01	1.70E-01	-2.17E+00	-3.63E-01	1.18E+00	1.89E+00	-2.46E+00	-44.52	-2.47E-01	-2.17E+00	
	34.50	-5.14E-06	-7.95E-06	1.09E-05	-1.67E-04	-2.79E-05	9.09E-05	7.70E-05	-9.01E-05				
111	515.50	1.81E+00	2.55E+00	2.20E+00	-6.17E+00	-2.66E-01	8.08E-01	8.36E+00	-4.06E+00	-46.72	1.81E+00	-6.17E+00	
	44.00	-2.48E-06	2.60E-05	1.25E-05	-4.75E-04	-2.05E-05	6.72E-05	2.50E-04	-2.26E-04				
112	51[illegible].50	1.28E+00	7.87E-01	1.12E+00	-1.45E+00	-4.95E-01	6.19E-01	2.50E+00	-4.32E-01	-40.12	7.87E-01	1.45E+00	
	53.33	1.44E-05	-4.75E-06	7.90E-06	-1.11E-04	-3.81E-05	4.76E-05	6.13E-05	-5.17E-05				
113	547.50	1.01E+00	-5.70E-01	4.45E-01	-2.89E+00	-3.76E-01	1.75E+00	2.73E+00	-2.30E+00	-35.87	-1.30E+00	2.00E+00	
	64.00	2.90E-05	-3.16E-05	7.43E-06	-1.84E-04	-2.90E-05	1.34E-04	9.55E-05	-9.80E-05				
114	515.50	2.11E+00	2.21E+00	1.98E+00	-2.55E+00	-1.74E-01	1.01E+00	4.72E+00	-3.92E-01	-45.58	2.11E+00	-2.55E+00	
	74.67	1.19E-05	1.59E-05	6.97E-06	-1.97E-04	-1.34E-05	7.75E-05	1.12E-04	-8.44E-05				
115	515.50	4.57E+00	2.86E+00	3.20E+00	-9.34E-01	-4.44E-01	5.73E-01	4.98E+00	2.45E+00	-23.78	2.86E+00	9.34E-01	
	88.00	5.89E-05	-6.71E-06	6.23E-06	-7.18E-05	-3.42E-05	4.41E-05	7.48E-05	-2.25E-05				
116	547.50	2.37E+00	-2.79E-02	1.15E+00	-2.96E+00	-3.70E-01	1.67E+00	4.36E+00	-2.02E+00	-33.96	-1.28E+00	2.05E+00	
	104.00	5.28E-05	-3.95E-05	5.86E-06	-2.28E-04	-2.85E-05	1.29E-04	1.29E-04	-1.16E-04				
117	515.50	8.67E-01	6.37E-01	6.92E-01	-2.03E+00	-2.83E-02	1.26E+00	2.78E+00	-1.28E+00	-43.38	8.67E-01	-2.03E+00	
	120.00	9.22E-06	3.75E-07	2.48E-06	-1.56E-04	-2.18E-06	9.69E-05	8.29E-05	-7.33E-05				
118	515.50	3.45E+00	2.11E+00	2.32E+00	-7.90E-01	-1.09E-01	4.88E-01	3.82E+00	1.78E+00	-24.89	2.11E+00	7.90E-01	
	136.00	4.61E-05	-5.30E-06	2.51E-06	-6.08E-05	-8.36E-06	3.75E-05	6.02E-05	-1.94E-05				
119	547.50	2.02E+00	2.76E-01	1.01E+00	-2.01E+00	-1.56E-01	1.05E+00	3.34E+00	-1.04E+00	-33.22	-5.65E-01	1.36E+00	
	152.00	4.15E-05	-2.57E-05	2.36E-06	-1.54E-04	-1.20E-05	8.06E-05	9.20E-05	-7.62E-05				
120	51[illegible].50	9.37E-01	4.94E-01	5.20E-01	-1.33E+00	5.95E-02	1.07E+00	2.07E+00	-6.35E-01	-40.28	9.37E-01	-1.33E+00	
	168.00	1.46E-05	-2.44E-06	-1.45E-06	-1.03E-04	4.58E-06	8.25E-05	5.80E-05	-4.59E-05				
121	515.50	4.32E+00	2.68E+00	2.81E+00	-6.43E-01	6.31E-02	3.71E-01	4.54E+00	2.46E+00	-19.06	2.68E+00	6.43E-01	
	184.00	5.83E-05	-4.70E-06	2.29E-07	-4.94E-05	4.86E-06	2.85E-05	6.68E-05	-1.32E-05				
122	547.50	1.34E+00	-8.35E-01	2.09E-01	-2.28E+00	-2.58E-02	1.30E+00	2.78E+00	-2.28E+00	-32.26	-1.78E+00	1.50E+00	
	200.00	4.36E-05	-3.99E-05	2.15E-07	-1.75E-04	-1.98E-06	9.99E-05	9.90E-05	-9.53E-05				
123	515.50	-7.07E-01	-1.36E+00	-1.01E+00	-9.97E-01	3.07E-01	1.42E+00	1.48E-02	-2.08E+00	-35.89	-7.07E-01	-9.97E-01	
	216.00	6.65E-06	-1.86E-05	-4.97E-06	-7.67E-05	2.36E-05	1.10E-04	3.44E-05	-4.63E-05				
124	515.50	1.57E+00	9.30E-01	9.48E-01	-3.04E-01	7.25E-01	2.43E-01	1.69E+00	8.09E-01	-21.73	9.30E-01	3.04E-01	
	232.00	2.25E-05	-2.14E-06	-1.44E-06	-2.34E-05	5.58E-05	1.87E-05	2.72E-05	-6.79E-06				
125	547.50	1.07E+00	7.37E-01	6.72E-01	-5.74E-01	3.52E-01	3.80E-02	1.50E+00	3.05E-01	-36.96	4.86E-01	4.28E-01	
	248.00	1.38E-05	1.12E-06	-1.35E-06	-4.41E-05	2.71E-05	2.92E-06	3.04E-05	-1.55E-05				
126	515.50	-9.30E-01	-1.57E+00	-1.23E+00	5.27E-02	4.01E-01	1.26E+00	-9.26E-01	-1.57E+00	4.69	-9.30E-01	5.27E-02	
	264.00	5.15E-06	-1.93E-05	-6.35E-06	4.05E-06	3.08E-05	9.71E-05	5.35E-06	-1.95E-05				
127	515.50	1.10E+00	6.99E-01	6.76E-01	-1.86E-01	9.77E-01	1.25E-01	1.17E+00	6.26E-01	-21.51	6.99E-01	1.86E-01	
	276.00	1.51E-05	-2.84E-07	-1.18E-06	-1.43E-05	7.51E-05	9.61E-06	1.79E-05	-3.10E-06				
128	531.50	-1.12E-01	-1.35E-01	-2.52E-01	-9.63E-02	3.63E-01	6.53E-02	-2.67E-02	-2.21E-01	-41.65	-1.12E-01	-9.63E-02	
	297.00	1.17E-06	2.99E-07	-4.22E-06	-7.41E-06	2.79E-05	5.02E-06	4.47E-06	-3.00E-06				
129	515.50	-1.77E+00	-2.04E+00	-1.76E+00	2.30E-01	4.03E-01	9.67E-01	-1.64E+00	-2.17E+00	29.72	-1.77E+00	2.30E-01	
	320.00	-6.81E-06	-1.72E-05	-6.52E-06	1.77E-05	3.10E-05	7.44E-05	-1.77E-06	-2.23E-05				
193	565.50	5.32E-02	-3.76E-01	3.49E-01	-3.80E+00	-9.94E-01	3.14E+00	3.65E+00	-3.97E+00	-43.38	5.32E-02	-3.80E+00	
	-8.00	1.77E-06	-1.48E-05	1.31E-05	-2.93E-04	-7.64E-05	2.42E-04	1.40E-04	-1.53E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7800E+01

3704

712

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2231E+02	.1441E+03	-.1852E+03	-.4902E+02	-.1325E+03	.8551E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.6095E+01	-.3015E+01	-.1725E+01	-.3587E+02	.3467E+02	.3907E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.6039E+01	.1058E+01	-.8508E+00	-.5500E+02	.7943E+02	.6972E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.8290E+01	-.1847E+01	-.3063E+00	-.7621E+02	.1227E+03	.1017E+03
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.9084E+01	.1351E+01	-.2777E+00	-.9816E+02	.1658E+03	.1360E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1836E+00	.7525E+00	-.6372E+00	-.1327E+03	.2087E+03	.1759E+03
25	-.1955E+02	-.3184E+01	-.2123E+00	-.1670E+03	.2298E+03	.2139E+03
26	.1814E+02	.2473E+01	-.1835E+00	-.1800E+03	.2424E+03	.2418E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.8839E+02	.1793E+02	-.3592E+01	-.1828E+03	.3299E+03	.2638E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1897E+04	-.3167E+03	.4551E+01	-.2578E+03	.8622E+03	.4124E+03
40	-.1225E+04	-.1811E+03	-.1103E+02	-.2398E+03	.8522E+03	.3794E+03
41	-.6987E+03	-.8358E+02	-.2085E+02	-.2056E+03	.7732E+03	.3311E+03
42	-.1377E+03	-.3057E+01	-.1587E+02	-.1811E+03	.5528E+03	.2892E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1222E+04	.1478E+03	.6669E+01	-.2629E+02	.8966E+03	-.1890E+03
48	.1042E+04	.1293E+03	.7254E+01	-.1029E+03	.8268E+03	-.1378E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2374E+04	.3637E+03	.1068E+02	-.2731E+02	.6044E+03	-.6249E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.4061E+01	-.2040E+02	.5201E+00	-.1382E+02	.8849E+03	-.1753E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.1629E+04	.2486E+03	.1069E+02	-.5191[illegible]	.4949E+03	-.5932E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1146E+04	.1760E+03	.1449E+02	-.4794E+02	.4739E+03	-.5775E+03
66	.4009E+03	.6371E+02	.1837E+02	-.4713E+02	.4171E+03	-.6008E+03
67	-.7623E+03	-.1111E+03	.1849E+02	-.4844E+02	.3618E+03	-.6007E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1360E+04	-.2008E+03	.1588E+02	-.1097E+03	.3237E+03	-.5779E+03
76	.1418E+03	.2401E+02	.1117E+02	-.1326E+03	.2622E+03	-.5791E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5715E+03	-.8379E+02	.8309E+01	-.1454E+03	.1780E+03	-.5618E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2357E+03	.3681E+02	.6187E+01	-.1801E+03	.1227E+03	-.5420E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3355E+03	-.4964E+02	.5489E+01	-.1515E+03	.4832E+02	-.5049E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2115E+03	.3193E+02	.4609E+01	-.1397E+03	.1638E+00	-.4636E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2443E+03	-.3705E+02	.4761E+01	-.1352E+03	-.6176E+02	-.4156E+03
109	.1397E+03	.2011E+02	.4211E+01	-.1341E+03	-.1083E+03	-.3610E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2046E+03	-.3207E+02	.4208E+01	-.8881E+02	-.1559E+03	-.2950E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1302E+03	-.2124E+02	.1323E+01	-.5868E+02	-.1850E+03	-.2289E+03
115	-.5782E+01	-.2724E+01	.6519E+00	-.3287E+02	-.1900E+03	-.1613E+03
116	-.8419E+02	-.1487E+02	.3964E+00	-.1165E+02	-.2110E+03	-.1127E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.7494E+02	-.1366E+02	-.3522E+00	-.3436E+02	-.2242E+03	-.1080E+03
119	-.2523E+02	-.6137E+01	-.5917E+00	.2282E+02	-.2099E+03	-.5234E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1478E+03	-.2167E+02	-.9029E+01	.3196E+02	-.2003E+03	-.2080E+02
122	-.1272E+03	-.1421E+02	-.1792E+02	-.6971E+01	-.1971E+03	-.3035E+02
123	-.9962E+02	-.1022E+02	-.1592E+02	-.5118E+01	-.1742E+03	-.2791E+02
124	-.7587E+02	-.7454E+01	-.1097E+02	-.3813E+01	-.1452E+03	-.2593E+02
125	-.5335E+02	-.4659E+01	-.8055E+01	-.2719E+01	-.1219E+03	-.2403E+02
126	-.2310E+02	.4072E+00	-.7557E+01	-.1356E+01	-.1054E+03	-.2199E+02

127	-.5085E-01	.4399E+01	-.7829E+01	-.3802E+00	-.9291E+02	-.1927E+02
128	.2495E+02	.8089E+01	-.7865E+01	.1931E+01	-.6613E+02	-.1613E+02
129	.2765E+02	.7421E+01	-.7043E+01	.3090E+01	-.4321E+02	-.1313E+02
130	.2055E+02	.4809E+01	-.5640E+01	.3427E+01	-.2511E+02	-.1070E+02
131	.5996E+01	.9523E+00	-.4254E+01	.3121E+01	-.1331E+02	-.8867E+01
132	-.5359E+00	-.3975E+00	-.3217E+01	.2042E+01	-.1132E+02	-.7376E+01
133	-.1009E+01	-.3399E+00	-.2877E+01	.1395E+01	-.1062E+02	-.6052E+01
134	-.3000E+00	-.1208E+00	-.2819E+01	.1073E+01	-.8544E+01	-.4723E+01
135	-.4570E-01	-.2683E-01	-.3160E+01	.9284E+00	-.6083E+01	-.3486E+01
136	.4584E-02	-.2506E-01	-.4187E+01	.5982E+00	-.3966E+01	-.2337E+01
137	.4707E-01	.1416E-01	-.6442E+01	.4885E+00	-.1816E+01	-.1286E+01
138	.4800E-02	-.1134E+00	-.9422E+02	.4258E+00	.5100E+00	-.6700E+00
139	-.8685E-01	-.1409E+00	-.4438E+01	.5764E-01	-.2793E+00	.2997E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .7900E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.14932E-01	.92728E-04	-.15141E-01	.00000E+00
3	.27306E-01	.33954E-03	-.27270E-01	.00000E+00
4	.29553E-01	.35250E-03	-.29367E-01	.00000E+00
5	.31823E-01	-.50910E-04	-.31837E-01	.00000E+00
6	.36013E-01	.11156E-04	-.36005E-01	.14538E-04
7	.33071E-01	.95391E-03	-.33633E-01	.00000E+00
8	.36133E-01	.77249E-03	-.36311E-01	.35295E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.14981E-01	.25557E-03	-.15226E-01	.00000E+00
11	.27504E-01	.59201E-03	-.28153E-01	.00000E+00
12	.30536E-01	.75797E-03	-.31330E-01	.00000E+00
13	.33087E-01	.63681E-03	-.33602E-01	.00000E+00
14	.36344E-01	.95700E-03	-.37132E-01	.78780E-05
15	.33442E-01	.16530E-02	-.35758E-01	.00000E+00
16	.36668E-01	.15680E-02	-.38472E-01	.13558E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.15100E-01	.45256E-03	-.16197E-01	.00000E+00
19	.28022E-01	.10318E-02	-.30186E-01	.00000E+00
20	.31159E-01	.13253E-02	-.33736E-01	.00000E+00
21	.33863E-01	.10950E-02	-.36288E-01	.00000E+00
22	.37099E-01	.14667E-02	-.40333E-01	.51981E-05
23	.34710E-01	.26285E-02	-.39927E-01	.00000E+00
24	.37652E-01	.25084E-02	-.42758E-01	.18843E-04
25	.38033E-01	.29927E-02	-.44287E-01	.29371E-05
26	.38260E-01	.30074E-02	-.45180E-01	.44446E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.14953E-01	.88589E-03	-.17269E-01	.00000E+00
29	.28464E-01	.19771E-02	-.32588E-01	.00000E+00
30	.31871E-01	.24319E-02	-.36776E-01	.00000E+00
31	.35116E-01	.28679E-02	-.41020E-01	.00000E+00
32	.38491E-01	.34360E-02	-.46161E-01	.49230E-04
33	.34960E-01	.38369E-02	-.41280E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.14743E-01	.11528E-02	-.17479E-01	.00000E+00
36	.28544E-01	.24304E-02	-.33392E-01	.00000E+00
37	.32163E-01	.27376E-02	-.36998E-01	.00000E+00
38	.35948E-01	.37028E-02	-.42865E-01	.00000E+00
39	.39013E-01	.48104E-02	-.47902E-01	-.12884E-04
40	.38935E-01	.47319E-02	-.47502E-01	.15867E-04
41	.38861E-01	.45043E-02	-.47125E-01	.32904E-04
42	.38701E-01	.40226E-02	-.46691E-01	.46403E-04
43	.31422E-01	.33366E-02	-.37400E-01	.00000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	.13409E-01	.37433E-03	-.16731E-01	[illegible]000E+00
[illegible]	.27971E-01	.22180E-02	-.33266E-01	[illegible]000E+00

	.39052E-01	.45582E-02	-.48068E-01	[illegible]8907E-04
	.39040E-01	.47446E-02	-.49033E-01	[illegible]24995E-04
	.35993E-01	.37494E-02	-.42584E-01	.00000E+00
50	.39359E-01	.47665E-02	-.48190E-01	-.80664E-04
51	.35786E-01	.39005E-02	-.42469E-01	.00000E+00
52	.40302E-01	.42716E-02	-.46319E-01	.00000E+00
53	.39086E-01	.45149E-02	-.48197E-01	-.97121E-05
54	.31009E-01	.24019E-02	-.35600E-01	.00000E+00
55	.34929E-01	.32430E-02	-.39458E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.11472E-01	.13818E-02	-.13342E-01	.00000E+00
58	.24785E-01	.12740E-02	-.25777E-01	.00000E+00
59	.40851E-01	.36436E-02	-.45119E-01	.00000E+00
60	.40211E-01	.41524E-02	-.45372E-01	.00000E+00
61	.39684E-01	.47927E-02	-.48300E-01	-.12617E-03
62	.29271E-01	.14253E-02	-.31073E-01	.00000E+00
63	.33893E-01	.17206E-02	-.36463E-01	.00000E+00
64	.41140E-01	.43267E-02	-.46898E-01	.00000E+00
65	.40113E-01	.47981E-02	-.48403E-01	-.15776E-03
66	.41182E-01	.48273E-02	-.48609E-01	-.19315E-03
67	.42344E-01	.48553E-02	-.48835E-01	-.18539E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.89904E-02	-.57784E-04	-.86768E-02	.00000E+00
70	.26188E-01	.79326E-03	-.27835E-01	.00000E+00
71	.39475E-01	.21784E-02	-.42272E-01	.00000E+00
72	.42198E-01	.42471E-02	-.47208E-01	.00000E+00
73	.32362E-01	.11362E-02	-.33287E-01	.00000E+00
74	.44807E-01	.44947E-02	-.48996E-01	.00000E+00
75	.43340E-01	.48809E-02	-.49031E-01	-.14269E-03
76	.44704E-01	.49659E-02	-.49359E-01	-.10148E-03
77	.37458E-01	.14452E-02	-.38977E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.10660E-01	.42833E-03	-.12197E-01	.00000E+00
80	.24864E-01	.20900E-03	-.26265E-01	.00000E+00
81	.27637E-01	.35955E-03	-.28995E-01	.00000E+00
82	.30920E-01	.53763E-03	-.33495E-01	.00000E+00
83	.44138E-01	.27212E-02	-.46843E-01	.00000E+00
84	.41400E-01	.17436E-02	-.44167E-01	.00000E+00
85	.46256E-01	.50406E-02	-.49805E-01	-.81806E-04
86	.46426E-01	.46596E-02	-.49889E-01	.00000E+00
87	.37729E-01	.12141E-02	-.38898E-01	.00000E+00
88	.46330E-01	.40762E-02	-.49050E-01	.00000E+00
89	.47347E-01	.51532E-02	-.50202E-01	-.66736E-04
90	.29211E-01	.38277E-05	-.26255E-01	.00000E+00
91	.31412E-01	.25945E-04	-.28244E-01	.00000E+00
92	.33890E-01	.75386E-03	-.29865E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.12702E-01	.00000E+00	-.11694E-01	.00000E+00
95	.23290E-01	.00000E+00	-.20912E-01	.00000E+00
96	.26640E-01	.00000E+00	-.23625E-01	.00000E+00
97	.27900E-01	.00000E+00	-.23983E-01	.00000E+00
98	.27514E-01	.00000E+00	-.23618E-01	.00000E+00
99	.29937E-01	.28423E-03	-.25307E-01	.00000E+00
100	.37136E-01	.11483E-02	-.33044E-01	.00000E+00
101	.44574E-01	.27198E-02	-.45247E-01	.00000E+00
102	.49013E-01	.53002E-02	-.50793E-01	-.59321E-04
103	.46421E-01	.33920E-02	-.49247E-01	.00000E+00
104	.49451E-01	.51271E-02	-.51468E-01	.00000E+00
105	.50186E-01	.54134E-02	-.51262E-01	-.50476E-04
106	.48644E-01	.40023E-02	-.51898E-01	.00000E+00
107	.51338E-01	.54611E-02	-.52541E-01	.00000E+00
108	.51492E-01	.55331E-02	-.51714E-01	-.48235E-04
109	.52464E-01	.56248E-02	-.52019E-01	-.41138E-04
110	.51879E-01	.62255E-02	-.54020E-01	.00000E+00

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111	.53559E-01	.61202E-02	-.54135E-01	.00000E+00
112	.53490E-01	.57313E-02	-.52292E-01	-.36737E-04
113	.53117E-01	.58507E-02	-.54032E-01	.00000E+00
114	.54078E-01	.57460E-02	-.52374E-01	-.13477E-04
115	.54253E-01	.59006E-02	-.52435E-01	-.44754E-05
116	.54329E-01	.57753E-02	-.52291E-01	-.10213E-06
117	.53919E-01	.62588E-02	-.54421E-01	.00000E+00
118	.54304E-01	.57326E-02	-.52231E-01	.40915E-05
119	.54183E-01	.57366E-02	-.52096E-01	.72757E-05
120	.54244E-01	.63157E-02	-.53939E-01	.00000E+00
121	.53950E-01	.57362E-02	-.51816E-01	.14238E-04
122	.53920E-01	.56012E-02	-.51838E-01	.18682E-04
123	.53872E-01	.54765E-02	-.51846E-01	.22350E-04
124	.53813E-01	.53272E-02	-.51855E-01	.26797E-04
125	.53730E-01	.51470E-02	-.51860E-01	.32492E-04
126	.53554E-01	.47757E-02	-.51869E-01	.40370E-04
127	.53352E-01	.43503E-02	-.51875E-01	.43583E-04
128	.52930E-01	.34063E-02	-.51888E-01	.40167E-04
129	.52598E-01	.26127E-02	-.51898E-01	.31345E-04
130	.52343E-01	.19514E-02	-.51908E-01	.19840E-04
131	.52174E-01	.14361E-02	-.51924E-01	.52592E-05
132	.52149E-01	.13187E-02	-.51943E-01	.11923E-05
133	.52132E-01	.12235E-02	-.51963E-01	.27855E-05
134	.52103E-01	.10433E-02	-.51981E-01	.44242E-05
135	.52071E-01	.80707E-03	-.51999E-01	.53629E-05
136	.52045E-01	.55348E-03	-.52011E-01	.53516E-05
137	.52030E-01	.29941E-03	-.52021E-01	.56078E-05
138	.52021E-01	.41365E-04	-.52021E-01	.49786E-05
139	.52021E-01	.53021E-05	-.52021E-01	.52687E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .7900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	2.71E-02	6.59E-02	-1.14E-02	1.83E+00	1.41E-02	-1.87E+00	1.88E+00	-1.79E+00	45.30	2.71E-02	1.83E+00
	-303.00	1.71E-07	1.93E-06	-1.58E-06	1.67E-04	1.28E-06	-1.70E-04	8.44E-05	-8.23E-05			
2	72.00	3.62E-02	8.84E-02	-6.42E-02	1.54E+00	3.75E-03	-1.58E+00	1.60E+00	-1.48E+00	45.49	3.62E-02	1.54E+00
	-213.00	8.59E-07	3.23E-06	-3.70E-06	1.40E-04	3.41E-07	-1.44E-04	7.19E-05	-6.78E-05			
3	72.00	2.26E-01	1.11E-01	-1.41E-01	1.02E+00	-1.24E-01	-1.12E+00	1.19E+00	-8.51E-01	43.39	2.26E-01	1.02E+00
	-138.00	4.10E-06	1.50E-06	-4.23E-06	4.63E-05	-5.65E-06	-5.10E-05	2.60E-05	-2.04E-05			
4	24.00	1.58E+00	1.04E+00	1.33E+00	1.93E+00	-4.25E-01	-2.19E+00	3.25E+00	-6.39E-01	41.02	1.58E+00	1.93E+00
	-68.00	1.73E-05	-3.42E-06	7.77E-06	1.48E-04	-3.27E-05	-1.68E-04	8.18E-05	-6.79E-05			
5	72.00	-6.26E-01	-3.96E-01	-8.10E-01	8.79E-01	-3.29E-03	-8.85E-01	3.76E-01	-1.40E+00	48.72	-3.96E-01	-8.79E-01
	-88.00	-3.94E-06	4.90E-06	-1.10E-05	6.76E-05	-2.53E-07	-6.81E-05	3.46E-05	-3.36E-05			
6	120.00	-3.66E-01	-3.92E-01	-5.44E-01	1.60E+00	9.16E-02	-1.57E+00	1.22E+00	-1.98E+00	44.77	1.19E+00	-3.01E-01
	-68.00	2.32E-07	-7.73E-07	-6.61E-06	1.23E-04	7.05E-06	-1.20E-04	6.12E-05	-6.17E-05			
7	36.25	4.17E-01	1.40E-01	3.54E-02	9.72E-01	-1.24E-01	-9.17E-01	1.26E+00	-7.04E-01	40.94	3.84E-01	9.76E-01
	-18.00	9.54E-06	-1.14E-06	-5.15E-06	7.48E-05	-9.52E-06	-7.05E-05	4.20E-05	-3.36E-05			
8	108.00	-6.08E-02	-7.07E-02	-2.25E-01	8.96E-01	-9.78E-03	-7.96E-01	6.30E-01	-7.62E-01	44.80	-6.08E-02	6.96E-01
	-18.00	1.58E-06	1.20E-06	-4.73E-06	5.36E-05	-7.53E-07	-6.12E-05	2.82E-05	-2.54E-05			
9	216.00	1.32E-01	2.09E-01	8.88E-02	1.85E+00	-2.00E-02	-1.93E+00	2.02E+00	-1.68E+00	45.60	1.32E-01	1.85E+00
	-303.00	4.12E-07	3.93E-06	-1.55E-06	1.68E-04	-1.82E-06	-1.75E-04	8.61E-05	-8.17E-05			
10	216.00	1.58E-01	2.21E-01	3.67E-03	1.58E+00	-6.18E-02	-1.67E+00	1.77E+00	-1.39E+00	45.57	1.58E-01	1.58E+00
	-213.00	2.21E-06	5.09E-06	-4.81E-06	1.44E-04	-5.62E-06	-1.52E-04	7.54E-05	-6.82E-05			
11	216.00	1.95E-01	1.89E-01	-2.94E-01	1.21E+00	-1.82E-01	-1.33E+00	1.40E+00	-1.02E+00	44.93	1.95E-01	1.21E+00
	-138.00	3.96E-06	3.83E-06	-7.16E-06	5.49E-05	-8.26E-06	-6.04E-05	3.13E-05	-2.36E-05			
12	168.00	7.05E-01	8.59E-01	4.54E-01	1.92E+00	-3.28E-01	-2.00E+00	2.70E+00	-1.14E+00	46.15	7.05E-01	1.92E+00
	-68.00	4.93E-06	1.00E-05	-4.72E-06	1.48E-04	-2.52E-05	-1.54E-04	8.18E-05	-6.59E-05			
13	216.00	[illegible]6E-01	-3.56E-01	-8.79E-01	8.15E-01	-9.69E-02	-7[illegible]-01	2.83E-01	-1.39E+00	51.90	-3.56E-01	-8.15E-01
	-88.00	[illegible]0E-06	8.19E-06	-1.19E-05	6.27E-05	-7.45E-06	-[illegible]05	3.28E-05	-3.18E-05			
14	264	[illegible]67E-01	-3.77E-01	-5.73E-01	1.57E+00	3.12E-0[illegible]	[illegible]00	1.30E+00	-1.84E+00	43.09	1.25E+00	-3.[illegible]

	-68.0[illegible]	[illegible].84E-06	-2.21E-06	-9.76E-06	1.20E-04	2.40E-06	[illegible]E-04	6.22E-05	-5.85E-05				
15	180.00	[illegible].21E-02	1.21E-02	-2.36E-01	9.73E-01	-2.14E-01	[illegible]E-01	9.21E-01	-8.27E-01	43.85	8.21E-02	8.73[illegible]	
	-19.00	4.72E-06	2.03E-06	-7.53E-06	6.72E-05	-1.67E-05	-6.05E-05	3.70E-05	-3.02E-05				
16	252.00	8.49E-02	-4.51E-03	-3.21E-01	6.65E-01	-8.99E-02	-8.32E-01	7.06E-01	-6.26E-01	43.08	8.48E-02	6.65E-01	
	-19.00	5.91E-06	2.47E-06	-9.70E-06	5.11E-05	-6.91E-06	-6.40E-05	2.58E-05	-2.14E-05				
17	361.00	1.90E-01	3.65E-01	1.49E-01	1.85E+00	-1.44E-02	-2.06E+00	2.13E+00	-1.58E+00	46.35	1.90E-01	1.85E+00	
	-303.00	-5.02E-07	7.44E-06	-2.36E-06	1.68E-04	-1.31E-06	-1.87E-04	8.76E-05	-8.08E-05				
18	361.00	1.80E-01	3.62E-01	9.60E-03	1.67E+00	-5.70E-02	-1.82E+00	1.94E+00	-1.40E+00	46.56	1.80E-01	1.67E+00	
	-213.00	1.01E-06	9.28E-06	-6.72E-06	1.52E-04	-5.18E-06	-1.66E-04	8.10E-05	-7.08E-05				
19	361.00	1.95E-01	2.96E-01	-3.98E-01	1.35E+00	-2.00E-01	-1.52E+00	1.60E+00	-1.11E+00	46.06	1.95E-01	1.35E+00	
	-138.00	3.95E-06	6.24E-06	-9.54E-06	6.16E-05	-9.10E-06	-6.92E-05	3.59E-05	-2.57E-05				
20	312.00	1.22E+00	1.28E+00	6.98E-01	2.22E+00	-5.50E-01	-2.50E+00	3.47E+00	-9.76E-01	45.38	1.22E+00	2.22E+00	
	-68.00	1.18E-05	1.40E-05	-8.26E-06	1.71E-04	-4.23E-05	-1.92E-04	9.82E-05	-7.24E-05				
21	360.67	-1.20E+00	-8.11E-01	-1.30E+00	1.10E+00	-8.39E-02	-1.12E+00	1.13E-01	-2.12E+00	49.98	-8.11E-01	-1.10E+00	
	-88.00	-9.71E-06	5.14E-06	-1.36E-05	8.46E-05	-6.45E-06	-8.59E-05	4.07E-05	-4.52E-05				
22	409.33	7.30E-01	1.05E+00	2.76E-01	2.06E+00	-3.61E-02	-2.60E+00	2.96E+00	-1.18E+00	47.22	2.94E+00	-2.70E-01	
	-68.00	5.48E-06	1.78E-05	-1.20E-05	1.59E-04	-2.78E-06	-2.00E-04	9.12E-05	-6.80E-05				
23	324.00	2.30E-01	3.37E-02	-3.43E-01	9.25E-01	-3.87E-01	-8.48E-01	1.06E+00	-7.98E-01	41.97	2.30E-01	9.25E-01	
	-19.00	9.73E-06	2.17E-06	-1.23E-05	7.11E-05	-2.98E-05	-6.52E-05	4.17E-05	-2.98E-05				
24	372.00	2.08E-01	-1.15E-02	-4.32E-01	2.24E+00	-3.70E-01	-2.34E+00	2.34E+00	-2.14E+00	43.59	2.08E-01	2.24E+00	
	-9.33	1.06E-05	2.14E-06	-1.40E-05	1.72E-04	-2.84E-05	-1.80E-04	9.26E-05	-7.98E-05				
25	401.25	2.47E-02	-7.28E-02	-5.70E-01	7.41E-01	-1.43E-01	-9.98E-01	7.18E-01	-7.66E-01	43.12	-6.66E-01	3.72E-01	
	-39.00	7.74E-06	4.00E-06	-1.51E-05	5.70E-05	-1.10E-05	-7.68E-05	3.44E-05	-2.27E-05				
26	427.67	1.38E+00	1.63E+00	7.00E-01	2.51E+00	-4.92E-01	-3.32E+00	4.02E+00	-1.01E+00	46.46	2.89E+00	2.10E+00	
	-9.33	1.22E-05	2.20E-05	-1.38E-05	1.93E-04	-3.78E-05	-2.56E-04	1.14E-04	-7.96E-05				
27	457.00	2.26E-01	8.25E-01	2.15E-01	1.85E+00	5.24E-03	-2.14E+00	2.23E+00	-1.48E+00	47.32	2.26E-01	1.85E+00	
	-303.00	-2.29E-06	1.13E-05	-2.76E-06	1.68E-04	4.76E-07	-1.94E-04	8.87E-05	-7.97E-05				
28	457.00	1.48E-01	4.69E-01	1.03E-02	1.76E+00	-3.69E-02	-1.95E+00	2.07E+00	-1.45E+00	47.61	1.48E-01	1.76E+00	
	-213.00	-1.42E-06	1.32E-05	-7.67E-06	1.60E-04	-3.36E-06	-1.77E-04	8.60E-05	-7.42E-05				
29	457.00	2.00E-01	3.23E-01	-4.28E-01	1.48E+00	-2.02E-02	-1.54E+00	1.75E+00	-1.22E+00	46.19	2.00E-01	1.48E+00	
	-138.00	4.05E-06	6.85E-06	-1.02E-05	6.74E-05	-9.19E-07	-7.02E-05	3.92E-05	-2.83E-05				
30	442.00	8.91E-01	2.05E+00	7.71E-01	2.60E+00	2.99E-03	-2.89E+00	4.13E+00	-1.20E+00	51.26	8.91E-01	2.60E+00	
	-68.00	-6.47E-06	3.79E-05	-1.11E-05	2.00E-04	2.30E-07	-2.22E-04	1.18E-04	-8.67E-05				
31	457.33	-2.94E+00	-1.01E+00	-1.97E+00	8.32E-01	1.22E+00	-1.49E+00	-7.05E-01	-3.25E+00	69.60	-1.01E+00	-8.32E-01	
	-88.00	-4.81E-05	2.61E-05	-1.06E-05	6.40E-05	9.40E-05	-1.15E-04	3.80E-05	-6.00E-05				
32	472.67	5.44E+00	5.51E+00	4.01E+00	2.17E+00	-8.04E-01	-3.55E+00	7.64E+00	3.31E+00	45.45	6.85E+00	1.68E+00	
	-68.00	4.49E-05	4.75E-05	-1.02E-05	1.67E-04	-6.18E-05	-2.73E-04	1.30E-04	-3.72E-05				
33	443.00	3.96E-01	4.83E-01	-2.21E-01	1.40E+00	-2.05E-01	-1.35E+00	1.84E+00	-9.66E-01	45.88	3.96E-01	1.40E+00	
	-19.50	8.01E-06	1.13E-05	-1.57E-05	1.08E-04	-1.58E-05	-1.04E-04	6.37E-05	-4.44E-05				
34	454.00	4.58E+00	4.01E+00	2.92E+00	3.36E+00	-9.76E-01	-4.23E+00	7.66E+00	9.12E-01	42.71	5.91E+00	2.96E+00	
	-11.33	4.89E-05	2.82E-05	-1.39E-05	2.59E-04	-7.51E-05	-3.25E-04	1.68E-04	-9.12E-05				
35	461.67	2.01E+00	2.93E+00	1.48E+00	3.16E+00	-2.67E-01	-4.42E+00	5.67E+00	-7.23E-01	49.14	2.01E+00	3.16E+00	
	-12.00	6.79E-06	4.22E-05	-1.37E-05	2.43E-04	-2.05E-05	-3.40E-04	1.47E-04	-9.84E-05				
36	469.00	-2.80E+00	-8.23E-01	-1.99E+00	2.83E-01	1.06E+00	-1.78E+00	-7.83E-01	-2.84E+00	82.02	-8.23E-01	-2.83E-01	
	-30.00	-4.60E-05	3.00E-05	-1.47E-05	2.17E-05	8.14E-05	-1.37E-04	3.15E-05	-4.76E-05				
37	476.33	2.97E+00	4.37E+00	2.41E+00	2.23E+00	-2.84E-01	-3.64E+00	6.01E+00	1.33E+00	53.73	3.90E+00	2.33E+00	
	-12.00	7.10E-06	6.10E-05	-1.45E-05	1.71E-04	-2.18E-05	-2.80E-04	1.24E-04	-5.58E-05				
38	558.50	-2.63E-02	2.54E-01	7.44E-03	1.69E+00	5.60E-02	-2.10E+00	1.81E+00	-1.59E+00	47.36	-2.63E-02	1.69E+00	
	-303.00	-4.25E-06	8.48E-06	-2.71E-06	1.54E-04	5.10E-06	-1.91E-04	7.93E-05	-7.51E-05				
39	558.50	4.30E-02	5.58E-01	1.71E-02	1.70E+00	1.10E-01	-2.01E+00	2.02E+00	-1.42E+00	49.31	4.30E-02	1.70E+00	
	-213.00	-6.07E-06	1.73E-05	-7.25E-06	1.54E-04	1.00E-05	-1.83E-04	8.37E-05	-7.25E-05				
40	506.17	-1.41E-01	1.48E+00	-1.47E-01	3.86E+00	9.79E-02	-4.22E+00	4.61E+00	-3.26E+00	50.92	-1.41E-01	3.86E+00	
	-128.00	-9.44E-06	2.73E-05	-9.58E-06	1.75E-04	4.45E-06	-1.92E-04	9.86E-05	-8.07E-05				
41	558.50	-1.65E+00	8.74E-01	-7.74E-01	1.68E+00	8.23E-01	-2.36E+00	1.72E+00	-2.49E+00	63.41	8.74E-01	-1.68E+00	
	-148.00	-2.93E-05	2.80E-05	-9.48E-06	7.65E-05	3.74E-05	-1.07E-04	4.71E-05	-4.84E-05				
42	610.83	1.26E-01	1.45E+00	-2.37E-02	3.23E+00	6.95E-01	-3.31E+00	4.09E+00	-2.51E+00	50.78	4.08E+00	-2.11E-01	
	-128.00	-5.26E-06	2.48E-05	-8.67E-06	1.47E-04	3.16E-05	-1.50E-04	8.47E-05	-6.52E-05				
43	501.38	-5.83E-01	5.19E-02	-6.56E-01	9.09E-01	2.63E-01	-1.22E+00	6.97E-01	-1.23E+00	54.62	-5.83E-01	9.09E-01	
	-78.00	-9.38E-06	1.50E-05	-1.22E-05	6.99E-05	2.02E-05	-9.41E-05	3.99E-05	-3.42E-05				
44	534.67	6.48E-01	1.35E+00	3.92E-01	2.88E+00	1.66E-01	-3.40E+00	3.91E+00	-1.91E+00	48.47	3.90E+00	-1.55E-01	
	-68.00	-1.36E-06	2.57E-05	-1.12E-05	2.22E-04	1.28E-05	-2.62E-04	1.24E-04	-9.96E-05				
45	584.67	-4.86E-01	2.46E-01	-4.68E-01	2.54E+00	6.32E-01	-2.72E+00	2.45E+00	-2.69E+00	49.10	-4.86E-01	2.54E+00	
	-68.00	-1.09E-05	1.72E-05	-1.02E-05	1.96E-04	4.86E-05	-2.09E-04	1.02E-04	-9.56E-05				
46	610.83	-2.44E+00	-1.33E-01	-1.46E+00	1.34E+00	1.33E+00	-2.11E+00	4.16E-01	-3.39E+00	67.65	-1.33E-01	-1.34E+00	

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	-88.00	-6.05E-05	4.36E-05	-7.52E-06	1.03E-04	1.03E-04	-1.63E-04	6.48E-05	-8.16E-05				
47	482.63	-1.65E-02	5.44E-01	-3.93E-01	6.97E-01	3.13E-01	-1.37E+00	1.01E+00	-4.87E-01	55.96	-1.65E-02	6.97E-01	
	-21.00	-2.23E-06	1.93E-05	-1.63E-05	5.36E-05	2.41E-05	-1.06E-04	3.74E-05	-2.03E-05				
48	495.83	2.27E+00	3.55E+00	1.82E+00	2.00E+00	4.98E-02	-4.05E+00	5.01E+00	8.07E-01	53.85	2.53E+00	2.07E+00	
	-12.00	3.31E-06	5.25E-05	-1.38E-05	1.54E-04	3.83E-06	-3.12E-04	1.09E-04	-5.29E-05				
49	507.88	-1.45E-01	1.86E-01	-5.48E-01	7.44E-01	1.71E-01	-1.47E+00	7.82E-01	-7.42E-01	51.26	-1.45E-01	7.44E-01	
	-21.00	4.51E-09	1.27E-05	-1.55E-05	5.72E-05	1.32E-05	-1.13E-04	3.57E-05	-2.29E-05				
50	538.67	5.07E-01	1.10E+00	1.92E-01	2.59E+00	8.65E-01	-3.00E+00	3.41E+00	-1.80E+00	48.28	3.41E+00	4.60E-02	
	-10.00	-2.97E-07	2.26E-05	-1.24E-05	1.99E-04	6.65E-05	-2.31E-04	1.11E-04	-8.91E-05				
51	484.47	-7.35E+00	-5.06E+00	-5.64E+00	-2.19E-01	4.35E-01	-4.64E-01	-5.04E+00	-7.37E+00	-84.58	-5.06E+00	2.19E-01	
	8.00	-8.42E-05	3.65E-06	-1.96E-05	-1.68E-05	3.34E-05	-3.57E-05	4.45E-06	-8.50E-05				
52	507.00	1.34E+00	1.82E+00	6.72E-01	9.81E-01	3.88E-01	9.62E-01	2.59E+00	5.70E-01	51.90	2.31E+00	6.92E-01	
	0.00	9.39E-06	2.79E-05	-1.63E-05	7.54E-05	2.98E-05	7.40E-05	5.75E-05	-2.02E-05				
53	603.00	-1.42E-01	5.78E-02	-3.45E-01	1.01E+00	4.06E-01	-1.06E+00	9.74E-01	-1.06E+00	47.82	-7.51E-01	7.28E-01	
	-18.00	-7.42E-07	6.94E-06	-8.56E-06	7.78E-05	3.12E-05	-8.15E-05	4.22E-05	-3.60E-05				
54	712.00	-7.71E-02	2.80E-01	2.48E-02	1.56E+00	1.44E-01	-1.84E+00	1.67E+00	-1.47E+00	48.27	-7.71E-02	1.56E+00	
	-303.00	-6.46E-06	9.76E-06	-1.82E-06	1.42E-04	1.31E-05	-1.68E-04	7.29E-05	-6.96E-05				
55	712.00	-8.75E-01	-2.85E-01	-5.88E-01	1.71E+00	4.43E-01	-1.79E+00	1.15E+00	-2.31E+00	49.91	-8.75E-01	1.71E+00	
	-213.00	-1.71E-05	9.76E-06	-4.03E-06	1.55E-04	4.03E-05	-1.63E-04	7.51E-05	-8.24E-05				
56	712.00	-1.32E+00	-4.86E-01	-7.98E-01	1.24E+00	9.79E-01	-1.46E+00	4.04E-01	-2.21E+00	54.33	-1.32E+00	1.24E+00	
	-138.00	-1.64E-05	2.63E-06	-4.45E-06	5.64E-05	4.45E-05	-6.62E-05	2.29E-05	-3.66E-05				
57	712.00	-4.75E-01	1.15E-02	-3.58E-01	8.17E-01	3.88E-01	-1.04E+00	6.21E-01	-1.08E+00	53.29	-4.75E-01	8.17E-01	
	-78.00	-9.25E-06	9.47E-06	-4.74E-06	6.29E-05	2.98E-05	-8.02E-05	3.29E-05	-3.27E-05				
58	712.00	-5.14E-01	-1.19E-01	-4.34E-01	1.12E+00	3.18E-01	-1.29E+00	8.18E-01	-1.45E+00	50.02	-5.14E-01	1.12E+00	
	-18.00	-8.04E-06	7.15E-06	-4.97E-06	8.59E-05	2.44E-05	-9.94E-05	4.32E-05	-4.41E-05				
59	837.00	-4.37E+00	-2.35E+00	-2.69E+00	1.30E+00	9.78E-01	-1.63E+00	-1.71E+00	-5.01E+00	63.92	-2.35E+00	-1.30E+00	
	-318.00	-7.65E-05	1.54E-05	.00E+00	1.18E-04	8.89E-05	-1.48E-04	4.43E-05	-1.05E-04				
60	887.00	-4.73E-01	2.01E-01	-1.09E-01	3.49E+00	3.42E-01	-3.75E+00	3.37E+00	-3.65E+00	47.75	3.11E+00	-1.35E+00	
	-288.00	-1.65E-05	1.41E-05	.00E+00	3.18E-04	3.11E-05	-3.41E-04	1.58E-04	-1.61E-04				
61	987.00	8.88E-01	7.19E-01	6.43E-01	3.54E+00	-2.58E-01	-3.61E+00	4.34E+00	-2.73E+00	44.32	8.88E-01	3.54E+00	
	-288.00	1.11E-05	3.48E-06	.00E+00	3.21E-04	-2.35E-05	-3.28E-04	1.68E-04	-1.53E-04				
62	1037.00	-4.27E+00	-2.30E+00	-2.71E+00	2.57E+00	8.94E-01	-2.98E+00	-6.62E-01	-6.11E+00	54.50	-2.50E+00	-2.57E+00	
	-318.00	-7.11E-05	9.52E-06	.00E+00	2.34E-04	8.13E-05	-2.71E-04	9.30E-05	-1.55E-04				
63	862.00	-1.04E-01	6.81E-02	-5.19E-02	1.79E+00	1.09E-01	-1.94E+00	1.78E+00	-1.81E+00	46.38	-1.04E-01	1.79E+00	
	-213.00	-3.60E-06	4.24E-06	-1.22E-06	1.63E-04	9.91E-06	-1.77E-04	8.19E-05	-8.13E-05				
64	1012.00	1.84E-01	2.36E-01	1.36E-01	1.92E+00	-5.99E-02	-2.03E+00	2.13E+00	-1.71E+00	45.39	1.84E-01	1.92E+00	
	-213.00	1.15E-06	3.51E-06	-1.06E-06	1.74E-04	-5.44E-06	-1.85E-04	8.94E-05	-8.47E-05				
65	837.00	-1.35E-01	4.24E-02	-1.40E-01	1.41E+00	-8.54E-02	-1.96E+00	1.36E+00	-1.45E+00	46.81	4.24E-02	-1.41E+00	
	-148.00	-1.85E-06	2.19E-06	-1.97E-06	6.39E-05	-3.88E-06	-8.92E-05	3.22E-05	-3.18E-05				
66	937.00	-3.14E-01	1.44E-01	-1.51E-01	2.42E+00	1.91E-01	-2.44E+00	2.34E+00	-2.51E+00	47.71	1.75E+00	-1.59E+00	
	-128.00	-5.45E-06	4.96E-06	-1.76E-06	1.10E-04	8.68E-06	-1.11E-04	5.49E-05	-5.54E-05				
67	1037.00	-2.34E+00	-1.01E-01	-8.10E-01	2.33E+00	8.91E-01	-2.58E+00	1.36E+00	-3.80E+00	57.85	-1.01E-01	-2.33E+00	
	-148.00	-3.61E-05	1.48E-05	-1.35E-06	1.06E-04	4.05E-05	-1.17E-04	4.80E-05	-6.94E-05				
68	937.00	-6.47E-01	-2.50E-01	-4.37E-01	2.62E+00	3.03E-01	-2.84E+00	2.18E+00	-3.08E+00	47.16	-6.47E-01	2.62E+00	
	-68.00	-1.02E-05	8.03E-06	-2.15E-06	2.02E-04	2.33E-05	-2.18E-04	9.86E-05	-1.04E-04				
69	937.00	-1.14E+00	5.38E-02	-4.89E-01	1.41E+00	3.85E-01	-1.40E+00	9.97E-01	-2.08E+00	56.51	5.38E-02	-1.41E+00	
	-88.00	-2.66E-05	1.94E-05	-1.45E-06	1.08E-04	2.96E-05	-1.08E-04	5.53E-05	-6.25E-05				
70	1037.00	1.64E-01	9.05E-01	3.80E-01	2.39E+00	-9.63E-04	-2.88E+00	2.96E+00	-1.89E+00	49.40	2.45E+00	-1.48E+00	
	-68.00	-9.61E-06	1.89E-05	-1.31E-06	1.84E-04	-7.41E-08	-2.22E-04	9.78E-05	-8.86E-05				
71	862.00	-7.08E-01	-2.34E-01	-4.59E-01	1.10E+00	3.10E-01	-1.27E+00	6.54E-01	-1.60E+00	51.08	-7.08E-01	1.10E+00	
	-18.00	-1.18E-05	6.39E-06	-2.27E-06	8.46E-05	2.38E-05	-9.77E-05	4.05E-05	-4.60E-05				
72	1012.00	4.33E-02	3.58E-01	1.05E-01	1.25E+00	1.43E-02	-1.22E+00	1.46E+00	-1.06E+00	48.58	4.33E-02	1.25E+00	
	-18.00	-3.90E-06	8.21E-06	-1.53E-06	9.64E-05	1.10E-06	-9.35E-05	5.08E-05	-4.64E-05				
73	1387.00	2.13E-01	2.28E-01	1.73E-01	1.42E+00	5.66E-03	-1.46E+00	1.64E+00	-1.20E+00	45.15	2.13E-01	1.42E+00	
	-303.00	1.70E-06	2.38E-06	-9.52E-08	1.29E-04	5.14E-07	-1.33E-04	6.68E-05	-6.27E-05				
74	1387.00	-2.43E-02	-5.97E-02	-3.11E-02	1.51E+00	5.28E-02	-1.42E+00	1.47E+00	-1.55E+00	44.66	-2.43E-02	1.51E+00	
	-213.00	3.90E-07	-1.22E-06	8.10E-08	1.37E-04	4.80E-06	-1.29E-04	6.82E-05	-6.90E-05				
75	1387.00	-1.08E-01	4.16E-02	7.26E-03	1.11E+00	1.86E-01	-1.00E+00	1.08E+00	-1.15E+00	46.92	-1.08E-01	1.11E+00	
	-138.00	-2.14E-06	1.25E-06	4.75E-07	5.06E-05	8.46E-06	-4.55E-05	2.49E-05	-2.58E-05				
76	1187.00	-5.03E-01	-3.55E-01	-3.85E-01	1.74E+00	3.29E-01	-1.36E+00	1.31E+00	-2.17E+00	46.22	-5.03E-01	1.74E+00	
	-68.00	-5.70E-06	7.59E-09	-1.14E-06	1.34E-04	2.53E-05	-1.05E-04	6.42E-05	-6.98E-05				
77	1387.00	[illegible]75E-01	-2.75E-01	-2.21E-01	8.20E-01	2.61E-01	-8[illegible]E-01	4.51E-01	-1.20E+00	48.48	-2.75E-01	-8.20E-0[illegible]	
	-88.00	[illegible]51E-06	9.57E-08	2.17E-06	6.31E-05	2.01E-05	-[illegible]-05	2.90E-05	-3.55E-05				
78	1587.	[illegible]39E-01	-1.23E-01	-7.58E-02	1.10E+00	7.38E-02	[illegible]-01	9.23E-01	-1.29E+00	46.50	2.96E-01	-9.9[illegible]	

	-6P.[illegible]	[illegible].37E-06	6.3[illegible]E-08	1.90E-06	8.48E-05	5.63E-06	[illegible]E-05	4.03E-05	-4.46E-05					
79	1237.[illegible]	[illegible].16E-01	-2.17E-01	-2.5[illegible]E-01	9.39E-01	3.81E-01	[illegible]E-01	5.05E-01	-1.44E+00	52.44	-7.16E-01	9.39[illegible]		
	-18.00	-1.34E-05	5.92E-06	4.51E-07	7.22E-05	2.53E-05	-[illegible]20E-05	3.36E-05	-4.11E-05					
80	1433.80	-4.31E-01	-1.73E-02	-1.04E-01	1.13E+00	2.45E-01	-6.56E-01	9.29E-01	-1.38E+00	50.17	-4.31E-01	1.13E+00		
	-8.00	-1.05E-05	5.41E-06	2.06E-06	8.73E-05	1.89E-05	-5.05E-05	4.18E-05	-4.65E-05					
81	1533.80	-7.17E-01	-1.33E-01	-2.47E-01	6.17E-01	2.21E-01	-3.90E-01	2.56E-01	-1.11E+00	57.67	-1.33E-01	-6.17E-01		
	-28.00	-1.55E-05	6.95E-06	2.55E-06	4.75E-05	1.70E-05	-3.00E-05	2.20E-05	-3.05E-05					
82	1633.80	-8.13E-01	-2.95E-01	-3.56E-01	2.51E-01	1.06E-01	-1.29E-01	-1.94E-01	-9.15E-01	67.97	-1.94E-01	-1.80E-02		
	-8.00	-1.52E-05	4.74E-06	2.40E-06	1.93E-05	8.19E-06	-5.92E-06	8.64E-06	-1.91E-05					
83	1433.80	-2.86E+00	-1.18E+00	-1.50E+00	6.95E-01	9.24E-01	-4.53E-01	-5.30E-01	-3.11E+00	70.23	-1.18E+00	-6.95E-01		
	27.60	-4.92E-05	1.56E-05	3.23E-06	5.35E-05	7.11E-05	-3.48E-05	2.52E-05	-5.89E-05					
84	1296.10	-1.04E+00	-9.41E-02	-3.83E-01	7.80E-01	4.44E-01	-4.90E-01	3.45E-01	-1.48E+00	60.63	-5.81E-01	-9.12E-01		
	40.70	-2.34E-05	1.31E-05	1.95E-06	6.00E-05	3.41E-05	-3.77E-05	2.99E-05	-4.02E-05					
85	1148.60	-5.30E-01	1.94E-01	-1.71E-01	1.12E+00	5.15E-01	-5.28E-01	1.01E+00	-1.34E+00	53.98	8.10E-01	6.49E-01		
	57.33	-1.48E-05	1.30E-05	-1.02E-06	8.59E-05	3.96E-05	-4.06E-05	4.43E-05	-4.60E-05					
86	1131.40	-3.57E+00	-1.85E+00	-2.03E+00	3.02E-01	1.51E+00	-1.59E-01	-1.75E+00	-3.62E+00	80.35	-1.85E+00	-3.02E-01		
	112.00	-5.54E-05	1.09E-05	3.62E-06	2.32E-05	1.16E-04	-1.23E-05	1.29E-05	-5.74E-05					
87	1019.80	-9.60E-01	-5.52E-02	-4.48E-01	1.06E+00	4.85E-01	-1.69E+00	6.45E-01	-1.66E+00	56.56	-5.52E-02	-1.06E+00		
	34.67	-2.09E-05	1.40E-05	-1.15E-06	8.15E-05	3.73E-05	-1.30E-04	4.09E-05	-4.78E-05					
88	886.60	-6.01E-01	-4.38E-02	-3.58E-01	8.80E-01	2.40E-01	-1.11E+00	6.00E-01	-1.24E+00	53.78	-6.01E-01	8.80E-01		
	46.00	-1.21E-05	9.34E-06	-2.76E-06	6.77E-05	1.84E-05	-8.54E-05	3.41E-05	-3.69E-05					
89	869.80	-2.73E+00	-1.27E+00	-1.72E+00	4.30E-01	5.87E-01	-6.77E-01	-1.16E+00	-2.85E+00	74.78	-1.27E+00	-4.30E-01		
	96.00	-4.23E-05	1.40E-05	-3.18E-06	3.31E-05	4.52E-05	-5.21E-05	1.85E-05	-4.68E-05					
90	952.60	-4.90E-01	1.31E+00	2.23E-01	1.41E+00	4.37E-01	-1.00E+00	2.08E+00	-1.26E+00	61.28	1.77E+00	-9.73E-01		
	128.00	-3.03E-05	3.90E-05	-2.90E-06	1.08E+04	3.36E-05	-7.72E-05	6.87E-05	-6.06E-05					
91	869.80	-7.77E-01	-1.63E-02	-4.36E-01	6.41E-01	3.90E-01	-4.03E-01	3.48E-01	-1.14E+00	60.35	-7.77E-01	6.41E-01		
	160.00	-1.64E-05	1.29E-05	-3.25E-06	4.93E-05	3.00E-05	-3.10E-05	2.69E-05	-3.04E-05					
92	869.80	-3.49E+00	-1.18E+00	-1.90E+00	2.01E-01	1.17E+00	-3.75E-01	-1.16E+00	-3.51E+00	85.07	-1.18E+00	-2.01E-01		
	203.60	-6.22E-05	2.69E-05	-7.74E-07	1.55E-05	8.96E-05	-2.88E-05	2.75E-05	-6.28E-05					
93	598.67	-5.28E-02	1.83E-01	-2.07E-01	1.79E+00	6.79E-01	-2.07E+00	1.86E+00	-1.72E+00	46.89	1.83E-01	-1.79E+00		
	16.00	-1.19E-06	7.90E+06	-7.13E-06	1.37E-04	5.23E-05	-1.59E-04	7.22E-05	-6.55E-05					
94	645.75	-4.52E-01	-5.51E-02	-4.32E-01	1.13E+00	3.34E-01	-1.08E+00	8.92E-01	-1.40E+00	49.99	-4.52E-01	1.13E+00		
	24.00	-7.06E-06	8.20E-06	-6.30E-06	8.68E-05	2.57E-05	-8.28E-05	4.46E-05	-4.35E-05					
95	613.10	-5.74E-01	-6.21E-01	-7.27E-01	1.86E+00	1.97E-01	-8.43E-01	1.26E+00	-2.46E+00	44.63	-5.74E-01	1.86E+00		
	69.33	-9.48E-07	-2.78E-06	-6.83E-06	1.43E-04	1.52E-05	-6.49E-05	6.96E-05	-7.33E-05					
96	708.45	-8.04E-01	-6.94E-02	-5.09E-01	8.90E-01	3.26E-01	-9.35E-01	5.26E-01	-1.40E+00	56.22	-6.50E-01	-9.39E-01		
	55.00	-1.57E-05	1.25E-05	-4.38E-06	6.84E-05	2.51E-05	-7.19E-05	3.54E-05	-3.86E-05					
97	613.10	-2.29E+00	-1.18E+00	-1.55E+00	5.33E-01	5.86E-01	-5.14E-01	-9.64E-01	-2.50E+00	68.04	-1.18E+00	-5.33E-01		
	96.00	-3.29E-05	9.74E-06	-4.44E-06	4.10E-05	4.51E-05	-3.95E-05	1.80E-05	-4.11E-05					
98	682.27	-7.24E-01	-3.26E-02	-4.48E-01	1.21E+00	1.91E-01	-1.15E+00	8.78E-01	-1.63E+00	52.98	7.77E-01	-4.93E-01		
	112.00	-1.46E-05	1.20E-05	-3.99E-06	9.29E-05	1.47E-05	-8.83E-05	4.70E-05	-4.96E-05					
99	751.43	-2.14E+00	9.45E-01	-6.09E-01	1.42E+00	8.78E-01	-1.95E+00	1.50E+00	-2.69E+00	68.70	9.45E-01	-1.42E+00		
	96.00	-6.25E-05	5.62E-05	-3.60E-06	1.09E-04	6.75E-05	-1.50E-04	7.74E-05	-8.38E-05					
100	683.25	-7.41E-01	-1.27E-01	-4.71E-01	4.57E-01	1.34E-01	-5.90E-01	1.16E-01	-9.84E-01	61.97	-7.41E-01	4.57E-01		
	152.00	-1.38E-05	9.84E-06	-3.40E-06	3.51E-05	1.03E-05	-4.54E-05	1.92E-05	-2.31E-05					
101	648.67	-3.42E+00	-1.77E+00	-2.26E+00	2.86E-01	2.86E-01	-5.12E-01	-1.72E+00	-3.47E+00	80.43	-1.77E+00	-2.86E-01		
	192.00	-4.97E-05	1.37E-05	-5.02E-06	2.20E-05	2.20E-05	-3.94E-05	1.56E-05	-5.15E-05					
102	725.25	-5.23E-01	2.71E-01	-1.87E-01	5.32E-01	6.37E-02	-3.44E-01	5.38E-01	-7.90E-01	63.37	-6.96E-02	-6.62E-01		
	232.70	-1.53E-05	1.53E-05	-2.37E-06	4.09E-05	4.90E-06	-2.65E-05	2.55E-05	-2.56E-05					
103	635.50	-4.02E-01	-2.70E-01	-3.02E-01	4.42E-02	4.19E-02	-2.52E-01	-2.56E-01	-4.16E-01	73.16	-4.02E-01	4.42E-02		
	256.00	-4.77E-06	3.31E-07	-9.06E-07	3.40E-06	3.22E-06	-1.94E-05	8.46E-07	-5.29E-06					
104	635.50	-1.29E+00	-8.41E-01	-9.05E-01	-2.19E-02	7.17E-02	-8.06E-03	-8.40E-01	-1.25E+00	-87.21	-8.41E-01	2.19E-02		
	290.67	-1.63E-05	1.02E-06	-1.44E-06	-1.69E-06	5.52E-06	-6.20E-07	1.06E-06	-1.63E-05					
105	569.00	8.58E-03	2.04E-01	-2.66E-01	1.94E+00	5.63E-01	-1.78E+00	2.04E+00	-1.83E+00	46.45	8.58E-03	1.94E+00		
	16.50	9.12E-07	8.44E-06	-9.64E-06	1.49E-04	4.33E-05	-1.37E-04	7.92E-05	-6.99E-05					
106	508.50	2.25E+00	1.53E+00	1.08E+00	1.10E+00	1.15E+00	-5.87E-01	3.05E+00	7.28E-01	35.96	1.53E+00	-1.10E+00		
	13.00	3.31E-05	5.41E-06	-1.18E-05	8.48E-05	8.81E-05	-4.52E-05	6.39E-05	-2.54E-05					
107	521.00	7.50E-01	5.66E-01	3.35E-02	1.75E+00	4.63E-01	-1.03E+00	2.42E+00	-1.08E+00	43.66	7.50E-01	1.75E+00		
	15.75	1.38E-05	7.50E-06	-1.38E-05	1.35E-04	3.56E-05	-7.93E-05	7.80E-05	-5.68E-05					
108	526.25	6.27E-01	4.85E-01	-1.31E-02	1.95E+00	3.87E-01	-1.06E+00	2.51E+00	-1.40E+00	43.95	6.27E-01	1.95E+00		
	21.00	1.20E-05	6.57E-06	-1.26E-05	1.50E-04	2.97E-05	-8.17E-05	8.44E-05	-6.58E-05					
109	515.50	1.27E+00	8.81E-01	5.07E-01	2.28E+00	7.26E-01	-5.96E-01	3.36E+00	-1.21E+00	42.56	8.81E-01	-2.28E+00		
	26.00	1.97E-05	4.68E-06	-9.72E-06	1.75E-04	5.58E-05	-4.59E-05	1.00E-04	-7.58E-05					
110	531.50	1.26E-01	2.65E-01	-2.10E-01	1.60E+00	2.66E-01	-8.91E-01	1.80E+00	-1.41E+00	46.24	1.26E-01	1.60E+00		

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	24.50	2.86E-06	6.20E-06	-1.01E-05	1.23E-04	2.06E-05	-6.86E-05	6.73E-05	-5.62E-05				
111	515.50	-1.43E+00	-1.92E+00	-1.74E+00	4.48E+00	1.93E-01	-7.05E-01	2.81E+00	-6.16E+00	43.41	-1.43E+00	4.48E+00	
	44.00	1.08E-06	-1.80E-05	-1.10E-05	3.45E-04	1.48E-05	-6.12E-05	1.64E-04	-1.81E-04				
112	515.50	-1.19E+00	-7.30E-01	-1.04E+00	1.06E+00	3.14E-01	-4.76E-01	1.24E-01	-2.04E+00	51.09	-7.30E-01	-1.06E+00	
	53.33	-1.29E-05	4.67E-06	-8.12E-06	8.15E-05	2.41E-05	-3.66E-05	3.75E-05	-4.58E-05				
113	547.50	-7.40E-01	5.60E-01	-3.50E-01	1.79E+00	2.64E-01	-1.16E+00	1.82E+00	-2.00E+00	54.96	1.11E+00	-1.48E+00	
	64.00	-2.26E-05	2.74E-05	-7.65E-06	1.38E-04	2.03E-05	-6.93E-05	7.57E-05	-7.10E-05				
114	515.50	-1.61E+00	-1.62E+00	-1.54E+00	1.85E+00	1.32E-01	-8.41E-01	2.31E-01	-3.46E+00	44.97	-1.61E+00	1.85E+00	
	74.67	-9.59E-06	-9.74E-06	-6.89E-06	1.42E-04	1.01E-05	-6.47E-05	6.13E-05	-8.06E-05				
115	515.50	-3.63E+00	-2.27E+00	-2.60E+00	6.82E-01	2.55E-01	-4.37E-01	-1.99E+00	-3.91E+00	67.44	-2.27E+00	-6.82E-01	
	88.00	-4.61E-05	6.12E-06	-6.72E-06	5.25E-05	2.27E-05	-3.37E-05	1.70E-05	-5.70E-05				
116	547.50	-1.78E+00	1.29E-01	-8.89E-01	2.21E+00	2.66E-01	-1.21E+00	1.58E+00	-3.23E+00	56.66	1.06E+00	-1.50E+00	
	104.00	-4.04E-05	3.28E-05	-6.33E-06	1.70E-04	2.04E-05	-9.31E-05	8.87E-05	-9.63E-05				
117	515.50	-6.60E-01	-4.04E-01	-5.51E-01	1.47E+00	1.70E-02	-1.01E+00	9.42E-01	-2.01E+00	47.50	-6.60E-01	1.47E+00	
	120.00	-7.65E-06	2.23E-06	-3.45E-06	1.13E-04	1.31E-06	-7.75E-05	5.40E-05	-5.94E-05				
118	515.50	-2.80E+00	-1.72E+00	-1.95E+00	5.75E-01	2.85E-02	-3.74E-01	-1.47E+00	-3.04E+00	66.61	-1.72E+00	-5.75E-01	
	136.00	-3.66E-05	4.99E-06	-3.91E-06	4.42E-05	2.19E-06	-2.88E-05	1.46E-05	-4.61E-05				
119	547.50	-1.52E+00	-1.04E-01	-7.82E-01	1.49E+00	9.79E-02	-7.70E-01	8.41E-01	-2.46E+00	57.65	5.15E-01	-9.85E-01	
	152.00	-3.19E-05	2.24E-05	-3.68E-06	1.15E-04	7.53E-06	-5.92E-05	5.87E-05	-6.82E-05				
120	515.50	-6.96E-01	-2.70E-01	-4.02E-01	9.48E-01	-6.50E-02	-9.18E-01	4.89E-01	-1.46E+00	51.32	-6.96E-01	9.48E-01	
	168.00	-1.17E-05	4.64E-06	-4.32E-07	7.30E-05	-5.00E-06	-7.06E-05	3.38E-05	-4.05E-05				
121	515.50	-3.47E+00	-2.16E+00	-2.34E+00	4.75E-01	-1.45E-01	-2.85E-01	-2.01E+00	-3.62E+00	72.01	-2.16E+00	-4.75E-01	
	184.00	-4.59E-05	4.44E-06	-2.33E-06	3.65E-05	-1.11E-05	-2.20E-05	1.04E-05	-5.18E-05				
122	547.50	-1.02E+00	7.19E-01	-1.99E-01	1.73E+00	-2.21E-02	-9.26E-01	1.79E+00	-2.09E+00	58.31	1.43E+00	-1.12E+00	
	200.00	-3.36E-05	3.31E-05	-2.20E-06	1.33E-04	-1.70E-06	-7.12E-05	7.42E-05	-7.47E-05				
123	515.50	6.06E-01	1.20E+00	8.07E-01	7.25E-01	-2.69E-01	-1.23E+00	1.69E+00	1.19E-01	56.13	6.06E-01	7.25E-01	
	216.00	-5.40E-06	1.74E-05	2.32E-06	5.57E-05	-2.07E-05	-9.48E-05	3.61E-05	-2.41E-05				
124	515.50	-1.35E+00	-8.18E-01	-9.06E-01	2.39E-01	-6.93E-01	-1.87E-01	-7.25E-01	-1.44E+00	68.90	-8.18E-01	-2.39E-01	
	232.00	-1.80E-05	2.28E-06	-1.12E-06	1.84E-05	-5.33E-05	-1.44E-05	5.83E-06	-2.16E-05				
125	547.50	-9.45E-01	-6.87E-01	-6.91E-01	4.48E-01	-3.32E-01	1.61E-01	-3.50E-01	-1.28E+00	53.06	-4.91E-01	-3.34E-01	
	248.00	-1.08E-05	-8.80E-07	-1.05E-06	3.44E-05	-2.55E-05	1.24E-05	1.21E-05	-2.38E-05				
126	515.50	7.34E-01	1.29E+00	9.36E-01	-3.23E-02	-3.34E-01	-1.07E+00	1.29E+00	7.32E-01	-86.67	7.34E-01	-3.23E-02	
	264.00	-4.27E-06	1.70E-05	3.53E-06	-2.48E-06	-2.57E-05	-8.20E-05	1.71E-05	-4.34E-06				
127	515.50	-9.98E-01	-6.56E-01	-6.97E-01	1.68E-01	-8.61E-01	-9.28E-02	-5.87E-01	-1.07E+00	67.71	-6.56E-01	-1.68E-01	
	276.00	-1.25E-05	6.03E-07	-9.73E-07	1.30E-05	-6.62E-05	-7.14E-06	3.26E-06	-1.52E-05				
128	531.50	-4.25E-03	6.00E-02	9.01E-02	8.40E-02	-3.04E-01	-4.51E-02	1.18E-01	-6.21E-02	55.46	-4.25E-03	8.40E-02	
	297.00	-1.77E-06	7.04E-07	1.86E-06	6.46E-06	-2.34E-05	-3.47E-06	2.93E-06	-3.99E-06				
129	515.50	1.33E+00	1.70E+00	1.36E+00	-1.40E-01	-3.40E-01	-8.41E-01	1.74E+00	1.29E+00	-71.22	1.33E+00	-1.40E-01	
	320.00	3.06E-06	1.70E-05	4.05E-06	-1.07E-05	-2.62E-05	-6.47E-05	1.88E-05	1.24E-06				
183	565.50	-8.99E-02	4.53E-01	-2.85E-01	2.84E+00	7.40E-01	-2.39E+00	3.04E+00	-2.67E+00	47.73	-8.99E-02	2.84E+00	
	-8.00	-4.32E-06	1.66E-05	-1.18E-05	2.19E-06	5.69E-05	-1.84E-04	1.16E-04	-1.04E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .7900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.8870E+01	-.6125E+02	.1979E+03	.3920E+02	.1113E+03	-.7073E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.4794E+01	.2490E+01	.1525E+01	.2632E+02	-.2890E+02	-.3109E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.5043E+01	-.9079E+00	.7767E+00	.34[illegible]02	-.6684E+02	-.5501E+02
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]00	.0000E+00	.0000E+00
	.6869E+01	.1514E+01	.3071E+00	.[illegible]02	-.1028E+03	-.8018E+02

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7585E+01	-.1144E+01	.2752E+00	.5991E+02	-.1387E+03	-.1071E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1734E+00	-.5582E+00	.5521E+00	.9531E+02	-.1741E+03	-.1380E+03
25	.1583E+02	.2537E+01	.2041E+00	.1207E+03	-.1917E+03	-.1672E+03
26	-.1617E+02	-.2606E+01	.2169E+00	.1296E+03	-.2021E+03	-.1886E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.6613E+02	-.1377E+02	.2945E+01	.1309E+03	-.2738E+03	-.2055E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1573E+04	.2588E+03	-.1240E+01	.1857E+03	-.7101E+03	-.3202E+03
40	.9855E+03	.1420E+03	.1155E+02	.1714E+03	-.7022E+03	-.2949E+03
41	.5270E+03	.5923E+02	.1851E+02	.1461E+03	-.6373E+03	-.2577E+03
42	.9266E+02	-.1125E+01	.1314E+02	.1289E+03	-.4566E+03	-.2252E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.7472E+03	-.8410E+02	-.3980E+01	.1313E+02	-.7359E+03	.1418E+03
48	-.6280E+03	-.7629E+02	-.4275E+01	.8128E+02	-.6776E+03	.1041E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1746E+04	-.2682E+03	-.7697E+01	.4663E+02	-.4928E+03	.4821E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.3034E+01	.1843E+02	-.2768E+00	.6038E+01	-.7267E+03	.1309E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1200E+04	-.1834E+03	-.7740E+01	.6162E+02	-.4050E+03	.4588E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.8458E+03	-.1302E+03	-.1054E+02	.5748E+02	-.3900E+03	.4469E+03
66	-.3016E+03	-.4826E+02	-.1342E+02	.5864E+02	-.3483E+03	.4647E+03
67	.5519E+03	.8001E+02	-.1355E+02	.5938E+02	-.3087E+03	.4648E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.9854E+03	.1450E+03	-.1175E+02	.1039E+03	-.2844E+03	.4431E+03
76	-.1010E+03	-.1766E+02	-.8379E+01	.1220E+03	-.2407E+03	.4429E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.4140E+03	.6032E+02	-.6299E+01	.1308E+03	-.1779E+03	.4302E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1690E+03	-.2689E+02	-.4764E+01	.1567E+03	-.1354E+03	.4139E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2443E+03	.3569E+02	-.4223E+01	.1340E+03	-.7892E+02	.3865E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1495E+03	-.2300E+02	-.3548E+01	.1244E+03	-.4125E+02	.3554E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1737E+03	.2594E+02	-.3681E+01	.1193E+03	.5514E+01	.3184E+03
109	-.9762E+02	-.1440E+02	-.3300E+01	.1174E+03	.4237E+02	.2769E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1460E+03	.2255E+02	-.3327E+01	.7970E+02	.7863E+02	.2252E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1041E+03	.1653E+02	-.1191E+01	.5428E+02	.1029E+03	.1738E+03
115	-.5936E+01	.1409E+00	-.7663E+00	.3213E+02	.1077E+03	.1211E+03
116	.6181E+02	.1059E+02	-.7573E+00	.1339E+02	.1253E+03	.8221E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4878E+02	.8768E+01	-.2618E+00	.3276E+02	.1364E+03	.8119E+02
119	.6406E+01	.2421E+01	-.2839E+00	-.1602E+02	.1300E+03	.3684E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.9882E+02	.1537E+02	.6110E+01	-.2622E+02	.1314E+03	.1256E+02
122	.8634E+02	.1133E+02	.1306E+02	.4916E+01	.1307E+03	.2212E+02
123	.6873E+02	.8364E+01	.1159E+02	.3765E+01	.1162E+03	.2051E+02
124	.5348E+02	.6154E+01	.7979E+01	.2941E+01	.9754E+02	.1920E+02
125	.3874E+02	.4050E+01	.5859E+01	.2244E+01	.8251E+02	.1793E+02
126	.1871E+02	.5762E+00	.5513E+01	.1391E+01	.7232E+02	.1657E+02
127	.3143E+01	-.2169E+01	.5746E+01	.7514E+00	.6474E+02	.1471E+02
128	-.1422E+02	-.4839E+01	.5879E+01	-.7490E+00	.4791E+02	.1254E+02
129	-.1688E+02	-.4614E+01	.5375E+01	-.1554E+01	.3298E+02	.1039E+02
130	-.1308E+02	-.3096E+01	.4420E+01	-.1850E+01	.2069E+02	.8538E+01
131	-.4032E+01	-.6442E+00	.3428E+01	-.1764E+01	.1197E+02	.7058E+01
132	.3224E+00	.2562E+00	.2607E+01	-.1132E+01	.9760E+01	.5807E+01
133	.6141E+00	.2192E+00	.2318E+01	-.7612E+00	.8710E+01	.4726E+01
134	.1927E+00	.8668E-01	.2260E+01	-.5883E+00	.6899E+01	.3679E+01
135	.4692E-01	.2521E-01	.2533E+01	-.4600E+00	.4901E+01	.2716E+01
136	-.4442E-02	.2148E-01	.3352E+01	-.3421E+00	.3214E+01	.1824E+01
137	-.3008E-01	-.8461E-02	.5125E+01	-.3161E+00	.1478E+01	.1006E+01
138	-.1471E-01	.8360E-01	.7176E+02	-.3188E+00	-.4227E+00	.5314E+00
139	.6534E-01	.1060E+00	.1322E+02	-.3980E-01	.2327E+00	-.2541E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9000E+01 (FOR FOURIER TERM, NUMBER 1)

N	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION

	.00000E+00	.00000E+00	.00000E+00	.0000E+00
	.31929E-02	.14104E-04	-.30879E-02	.00000E+00
3	.55023E-02	.29380E-04	-.50353E-02	.00000E+00
4	.64099E-02	.16100E-04	-.65749E-02	.00000E+00
5	.71452E-02	.46432E-04	-.71476E-02	.00000E+00
6	.82350E-02	-.12539E-04	-.82359E-02	-.42854E-05
7	.74323E-02	-.15377E-03	-.74631E-02	.00000E+00
8	.82512E-02	-.14343E-03	-.82451E-02	-.12413E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.30872E-02	-.35705E-04	-.30674E-02	.00000E+00
11	.59663E-02	-.99499E-04	-.59135E-02	.00000E+00
12	.68045E-02	-.16765E-03	-.67225E-02	.00000E+00
13	.74227E-02	-.15628E-03	-.73134E-02	.00000E+00
14	.83126E-02	-.27466E-03	-.82616E-02	-.25327E-05
15	.76151E-02	-.42475E-03	-.74448E-02	.00000E+00
16	.83954E-02	-.46394E-03	-.82941E-02	-.23383E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.31614E-02	-.12194E-03	-.30135E-02	.00000E+00
19	.61295E-02	-.33543E-03	-.58903E-02	.00000E+00
20	.70432E-02	-.43923E-03	-.67415E-02	.00000E+00
21	.76584E-02	-.44651E-03	-.73437E-02	.00000E+00
22	.85212E-02	-.63361E-03	-.83442E-02	-.28924E-05
23	.70573E-02	-.79256E-03	-.76067E-02	.00000E+00
24	.86620E-02	-.84953E-03	-.84201E-02	-.21621E-05
25	.87619E-02	-.91752E-03	-.84896E-02	-.21651E-05
26	.88176E-02	-.99603E-03	-.85374E-02	-.76070E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.33398E-02	-.24357E-03	-.28550E-02	.00000E+00
29	.64900E-02	-.66446E-03	-.56981E-02	.00000E+00
30	.72578E-02	-.86256E-03	-.66645E-02	.00000E+00
31	.79393E-02	-.96754E-03	-.74391E-02	.00000E+00
32	.88827E-02	-.11512E-02	-.85952E-02	-.44382E-05
33	.79793E-02	-.11207E-02	-.73141E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.34140E-02	-.24554E-03	-.27750E-02	.00000E+00
36	.66804E-02	-.81060E-03	-.55472E-02	.00000E+00
37	.74138E-02	-.95945E-03	-.64575E-02	.00000E+00
38	.82894E-02	-.13310E-02	-.75715E-02	.00000E+00
39	.89293E-02	-.16123E-02	-.86556E-02	-.12082E-04
40	.89121E-02	-.14723E-02	-.86385E-02	-.12947E-04
41	.88963E-02	-.13358E-02	-.86247E-02	-.11528E-04
42	.88986E-02	-.12176E-02	-.86159E-02	-.81112E-05
43	.77355E-02	-.10420E-02	-.58000E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.35562E-02	-.41769E-03	-.22075E-02	.00000E+00
46	.71392E-02	-.80997E-03	-.47843E-02	.00000E+00
47	.89359E-02	-.16923E-02	-.86533E-02	-.56662E-05
48	.89335E-02	-.16532E-02	-.86616E-02	-.11233E-04
49	.83010E-02	-.13122E-02	-.74638E-02	.00000E+00
50	.90500E-02	-.16680E-02	-.87133E-02	-.26528E-04
51	.87488E-02	-.12407E-02	-.69064E-02	.00000E+00
52	.96965E-02	-.15383E-02	-.77436E-02	.00000E+00
53	.89389E-02	-.16952E-02	-.86244E-02	.24453E-05
54	.79552E-02	-.62232E-03	-.50855E-02	.00000E+00
55	.88580E-02	-.10601E-02	-.56096E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.31444E-02	.21166E-03	-.11984E-02	.00000E+00
58	.66977E-02	-.21674E-03	-.23194E-02	.00000E+00
59	.10096E-01	-.14748E-02	-.68138E-02	.00000E+00
60	.98623E-02	-.15231E-02	-.73792E-02	.00000E+00
61	.91498E-02	-.16756E-02	-.87422E-02	-.39212E-04
62	.77490E-02	-.60445E-03	-.28531E-02	.00000E+00
63	.87714E-02	-.89031E-03	-.38144E-02	.00000E+00
64	.96928E-02	-.15997E-02	-.78919E-02	.00000E+00

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65	.02812E-02	-.16922E-02	-.87698E-02	-.47868E-04
66	.96006E-02	-.16765E-02	-.89251E-02	-.56904E-04
67	.90388E-02	-.17133E-02	-.88842E-02	-.53297E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.25476E-02	-.13416E-03	-.54073E-03	.00000E+00
70	.72009E-02	-.47114E-03	-.18114E-02	.00000E+00
71	.10183E-01	-.12641E-02	-.43406E-02	.00000E+00
72	.10217E-01	-.16457E-02	-.78337E-02	.00000E+00
73	.88157E-02	-.64422E-03	-.17019E-02	.00000E+00
74	.10825E-01	-.17326E-02	-.83556E-02	.00000E+00
75	.10221E-01	-.17277E-02	-.89381E-02	-.39349E-04
76	.10581E-01	-.17665E-02	-.90654E-02	-.26239E-04
77	.99457E-02	-.10746E-02	-.24655E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.31423E-02	.18138E-04	-.45551E-03	.00000E+00
80	.70937E-02	-.42585E-03	-.10853E-02	.00000E+00
81	.77987E-02	-.56041E-03	-.11048E-02	.00000E+00
82	.86777E-02	-.83257E-03	-.14853E-02	.00000E+00
83	.11307E-01	-.17110E-02	-.49251E-02	.00000E+00
84	.10939E-01	-.14251E-02	-.23805E-02	.00000E+00
85	.10983E-01	-.17823E-02	-.92101E-02	-.20450E-04
86	.11237E-01	-.18733E-02	-.88494E-02	.00000E+00
87	.10140E-01	-.10681E-02	-.17156E-02	.00000E+00
88	.11417E-01	-.17880E-02	-.69099E-02	.00000E+00
89	.11242E-01	-.18050E-02	-.93724E-02	-.15832E-04
90	.81199E-02	-.16673E-03	-.11153E-03	.00000E+00
91	.85920E-02	-.32250E-03	-.17664E-03	.00000E+00
92	.89911E-02	-.35111E-03	-.18577E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.36012E-02	.00000E+00	-.13462E-04	.00000E+00
95	.65519E-02	.00000E+00	.61477E-04	.00000E+00
96	.74420E-02	.00000E+00	.28255E-04	.00000E+00
97	.77566E-02	.00000E+00	.13444E-03	.00000E+00
98	.76328E-02	.00000E+00	.18632E-03	.00000E+00
99	.82505E-02	-.58043E-04	.76295E-04	.00000E+00
100	.96483E-02	-.58667E-03	-.65882E-03	.00000E+00
101	.11302E-01	-.13250E-02	-.20718E-02	.00000E+00
102	.11660E-01	-.18499E-02	-.95950E-02	-.14676E-04
103	.11782E-01	-.18266E-02	-.46179E-02	.00000E+00
104	.11992E-01	-.19391E-02	-.93048E-02	.00000E+00
105	.11945E-01	-.18891E-02	-.98127E-02	-.13261E-04
106	.12185E-01	-.21663E-02	-.58747E-02	.00000E+00
107	.12511E-01	-.20412E-02	-.94366E-02	.00000E+00
108	.12303E-01	-.19348E-02	-.10012E-01	-.12684E-04
109	.12541E-01	-.19696E-02	-.10214E-01	-.10535E-04
110	.12516E-01	-.22691E-02	-.65862E-02	.00000E+00
111	.12965E-01	-.21034E-02	-.96949E-02	.00000E+00
112	.12818E-01	-.20110E-02	-.10384E-01	-.94956E-05
113	.12896E-01	-.23327E-02	-.78627E-02	.00000E+00
114	.12963E-01	-.20427E-02	-.10571E-01	-.41219E-05
115	.13034E-01	-.20787E-02	-.10720E-01	-.10404E-05
116	.13011E-01	-.21032E-02	-.10884E-01	.25287E-05
117	.13028E-01	-.21162E-02	-.10261E-01	.00000E+00
118	.12969E-01	-.21156E-02	-.10955E-01	.46131E-05
119	.12836E-01	-.21372E-02	-.11064E-01	.88132E-05
120	.13210E-01	-.23177E-02	-.10592E-01	.00000E+00
121	.12551E-01	-.21481E-02	-.11201E-01	.15330E-04
122	.12520E-01	-.22739E-02	-.11235E-01	.17916E-04
123	.12475E-01	-.23584E-02	-.11266E-01	.19841E-04
124	.12425E-01	-.25149E-02	-.11298E-01	.21903E-04
125	.12360E-01	-.26545E-02	-.11332E-01	.24092E-04
[illegible]	.12239E-01	-.29088E-02	-.11388E-01	.25885E-04
[illegible]	.12117E-01	-.31660E-02	-.11442E-01	[illegible]4879E-04
[illegible]	.11906E-01	-.36430E-02	-.11555E-01	[illegible]7453E-04

	.11788E-01	-.25370E-02	-.11650E-01	[illegible]524E-05
[illegible]	.11762E-01	-.40140E-02	-.11774E-01	[illegible]7850E-05
131	.11886E-01	-.36577E-02	-.11946E-01	-.11780E-04
132	.12067E-01	-.30145E-02	-.12096E-01	-.13595E-04
133	.12223E-01	-.24094E-02	-.12225E-01	-.12209E-04
134	.12332E-01	-.19984E-02	-.12329E-01	-.10792E-04
135	.12412E-01	-.15140E-02	-.12411E-01	-.10479E-04
136	.12471E-01	-.10403E-02	-.12471E-01	-.10562E-04
137	.12506E-01	-.57446E-03	-.12506E-01	-.10604E-04
138	.12529E-01	-.84377E-04	-.12529E-01	-.10663E-04
139	.12529E-01	-.10594E-04	-.12529E-01	-.10601E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.04E-02	-4.99E-03	7.18E-03	3.82E-01	-3.98E-03	-3.75E-01	3.74E-01	-3.90E-01	45.20	-1.04E-02	3.82E-01
	-309.00	-3.67E-07	-1.20E-07	4.33E-07	3.47E-05	-3.62E-07	-3.41E-05	1.71E-05	-1.76E-05			
2	72.00	5.95E-04	-2.20E-03	1.48E-02	3.35E-01	-3.91E-03	-3.44E-01	3.34E-01	-3.35E-01	44.88	5.95E-04	3.35E-01
	-213.00	-1.45E-07	-2.72E-07	5.02E-07	3.04E-05	-3.55E-07	-3.13E-05	1.50E-05	-1.54E-05			
3	72.00	7.93E-02	-6.71E-03	2.71E-02	2.39E-01	-1.16E-02	-2.49E-01	2.79E-01	-2.07E-01	39.91	7.93E-02	2.39E-01
	-138.00	1.28E-06	-6.75E-07	9.29E-08	1.09E-05	-5.30E-07	-1.13E-05	5.83E-06	-5.22E-06			
4	24.00	5.45E-02	-9.62E-02	-1.31E-01	6.65E-01	-1.63E-02	-6.49E-01	4.31E-01	-4.73E-01	40.20	5.45E-02	4.45E-01
	-68.00	3.99E-06	-1.81E-06	-3.13E-06	3.43E-05	-1.28E-06	-3.46E-05	1.85E-05	-1.63E-05			
5	72.00	6.72E-02	7.96E-02	1.00E-01	1.70E-01	2.54E-02	-2.10E-01	2.43E-01	-9.64E-02	46.05	7.96E-02	-1.70E-01
	-88.00	-1.29E-07	3.47E-07	1.14E-06	1.30E-05	1.95E-06	-1.62E-05	6.64E-06	-6.42E-06			
6	120.00	5.69E-02	7.62E-02	7.81E-02	4.03E-01	1.81E-02	-3.98E-01	4.70E-01	-3.37E-01	45.69	4.65E-01	-6.32E-02
	-68.00	-1.33E-07	6.11E-07	6.83E-07	3.10E-05	1.40E-06	-3.06E-05	1.58E-05	-1.53E-05			
7	36.25	1.34E-01	6.84E-02	7.39E-02	1.84E-01	-2.69E-02	-1.86E-01	2.88E-01	-8.53E-02	39.95	1.28E-01	1.85E-01
	-19.00	2.11E-06	-4.04E-07	-1.93E-07	1.41E-05	-2.07E-06	-1.43E-05	8.03E-06	-6.32E-06			
8	108.00	-4.03E-03	-3.76E-02	-5.23E-03	1.79E-01	7.95E-03	-1.72E-01	1.59E-01	-2.01E-01	42.33	-4.03E-03	1.79E-01
	-19.00	3.60E-07	-9.31E-07	3.14E-07	1.38E-05	6.11E-07	-1.32E-05	6.65E-06	-7.22E-06			
9	216.00	-1.30E-02	-3.79E-02	-1.44E-02	3.79E-01	-7.88E-05	-3.70E-01	3.53E-01	-4.04E-01	44.06	-1.30E-02	3.79E-01
	-309.00	2.58E-07	-8.76E-07	1.94E-07	3.44E-05	-7.17E-09	-3.36E-05	1.69E-05	-1.75E-05			
10	216.00	9.94E-03	-4.21E-02	3.51E-03	3.45E-01	-2.91E-03	-3.42E-01	3.30E-01	-3.62E-01	42.84	9.94E-03	3.45E-01
	-213.00	8.24E-07	-1.54E-06	5.32E-07	3.14E-05	-2.65E-07	-3.11E-05	1.54E-05	-1.61E-05			
11	216.00	8.61E-02	-3.82E-02	5.91E-02	2.82E-01	-1.69E-02	-2.78E-01	3.13E-01	-2.65E-01	38.79	8.61E-02	2.82E-01
	-138.00	1.40E-06	-1.43E-06	7.82E-07	1.28E-05	-7.68E-07	-1.26E-05	6.56E-06	-6.59E-06			
12	168.00	2.73E-02	-1.45E-01	-2.95E-02	3.94E-01	-3.01E-02	-4.00E-01	3.45E-01	-4.63E-01	38.82	2.73E-02	3.94E-01
	-68.00	2.67E-06	-3.97E-06	4.88E-07	3.03E-05	-2.31E-06	-3.07E-05	1.49E-05	-1.62E-05			
13	216.00	3.51E-02	5.90E-02	8.85E-02	1.36E-01	4.19E-02	-2.02E-01	1.83E-01	-8.94E-02	47.51	5.90E-02	-1.36E-01
	-88.00	-6.56E-07	2.62E-07	1.40E-06	1.05E-05	3.22E-06	-1.55E-05	5.05E-06	-5.44E-06			
14	268.00	1.03E-01	8.53E-02	1.17E-01	3.87E-01	3.40E-03	-3.92E-01	4.81E-01	-2.93E-01	44.36	4.73E-01	-7.84E-02
	-68.00	6.00E-07	-6.80E-08	1.14E-06	2.98E-05	2.62E-07	-3.01E-05	1.52E-05	-1.46E-05			
15	180.00	1.09E-01	2.39E-02	7.51E-02	1.45E-01	-2.26E-02	-1.77E-01	2.18E-01	-8.46E-02	36.81	1.09E-01	1.45E-01
	-19.00	1.91E-06	-1.37E-06	6.00E-07	1.12E-05	-1.74E-06	-1.36E-05	6.09E-06	-5.54E-06			
16	252.00	2.90E-02	-5.24E-02	1.82E-02	1.68E-01	-5.24E-03	-1.82E-01	1.61E-01	-1.84E-01	38.17	2.90E-02	1.68E-01
	-19.00	1.17E-06	-1.96E-06	7.57E-07	1.29E-05	-4.03E-07	-1.40E-05	6.24E-06	-7.03E-06			
17	361.00	-3.10E-02	-8.97E-02	-3.48E-02	3.93E-01	1.15E-03	-3.56E-01	3.33E-01	-4.54E-01	42.86	-3.10E-02	3.93E-01
	-309.00	6.11E-07	-2.06E-06	4.38E-07	3.57E-05	1.05E-07	-3.23E-05	1.72E-05	-1.86E-05			
18	361.00	1.86E-02	-9.89E-02	3.39E-03	3.57E-01	5.42E-04	-3.39E-01	3.21E-01	-4.02E-01	40.32	1.86E-02	3.57E-01
	-213.00	1.85E-06	-3.50E-06	1.15E-06	3.24E-05	4.53E-08	-3.08E-05	1.56E-05	-1.73E-05			
19	361.00	1.11E-01	-8.92E-02	8.28E-02	2.51E-01	-9.06E-03	-2.98E-01	2.81E-01	-2.59E-01	34.15	1.11E-01	2.51E-01
	-138.00	1.97E-06	-2.57E-06	1.33E-06	1.14E-05	-4.12E-07	-1.35E-05	5.84E-06	-6.44E-06			
20	312.00	5.53E-02	-2.12E-01	-2.75E-02	4.02E-01	-6.01E-02	-4.30E-01	3.45E-01	-5.02E-01	35.81	5.53E-02	4.02E-01
	-68.00	4.15E-06	-6.13E-06	9.67E-07	3.09E-05	-4.62E-06	-3.31E-05	1.53E-05	-1.73E-05			
21	360.67	3.57E-02	1.31E-01	1.27E-01	1.43E-01	7.62E-02	-2.73E-01	2.35E-01	-6.78E-02	54.20	1.31E-01	-1.43E-01
	-88.00	-1.85E-06	1.82E-06	1.65E-06	1.10E-05	5.86E-06	-2.10E-05	5.80E-06	-5.83E-06			
22	409.33	-4.67E-02	-9.19E-02	-2.71E-03	4.16E-01	1.06E-02	-5.12E-01	3.47E-01	-4.86E-01	43.45	3.33E-01	-1.08E-01
	-68.00	-2.44E-07	-1.98E-06	1.45E-06	3.20E-05	8.16E-07	-3.94E-05	1.45E-05	-1.71E-05			
23	324.00	1.72E-01	3.82E-02	1.15E-01	1.25E-01	-4.15E-02	-1.76E-01	2.47E-01	-3.65E-02	30.89	1.72E-01	1.25E-01

	-19.00	3.05E-06	-2.10E-06	8.37E-07	9.61E-05	-3.19E-06	-1.35E-05	5.93E-06	-4.96E-06				
24	372.00	5.13E-02	-1.29E-01	3.65E-03	4.72E-01	-3.74E-02	-5.35E-01	4.42E-01	-5.18E-01	39.62	5.13E-02	4.72E-01	
	-9.33	2.79E-06	-4.12E-06	9.43E-07	3.63E-05	-2.86E-06	-4.11E-05	1.78E-05	-1.91E-05				
25	401.25	6.76E-02	2.19E-02	6.76E-02	1.48E-01	-3.80E-03	-1.93E-01	1.95E-01	-1.05E-01	40.61	-7.76E-02	8.62E-02	
	-19.00	8.74E-07	-8.65E-07	8.74E-07	1.14E-05	-2.92E-07	-1.49E-05	5.76E-06	-5.77E-06				
26	427.67	-2.70E-02	-2.43E-01	-8.56E-02	5.14E-01	-5.47E-02	-7.35E-01	2.70E-01	-6.91E-01	37.73	2.51E-01	3.35E-01	
	-9.33	3.42E-06	-6.83E-06	1.17E-06	3.95E-05	-4.21E-06	-5.65E-05	1.87E-05	-2.21E-05				
27	457.00	-4.05E-02	-1.19E-01	-4.47E-02	4.13E-01	2.80E-03	-3.41E-01	3.35E-01	-4.95E-01	42.30	-4.05E-02	4.13E-01	
	-303.00	8.06E-07	-2.75E-06	6.15E-07	3.76E-05	2.54E-07	-3.10E-05	1.79E-05	-1.98E-05				
28	457.00	2.34E-02	-1.60E-01	-3.15E-03	3.75E-01	9.26E-03	-3.31E-01	3.18E-01	-4.54E-01	38.14	2.34E-02	3.75E-01	
	-213.00	2.88E-06	-5.45E-06	1.67E-06	3.41E-05	8.42E-07	-3.01E-05	1.63E-05	-1.88E-05				
29	457.00	2.55E-01	-4.01E-02	1.73E-01	2.19E-01	4.38E-02	-3.04E-01	3.72E-01	-1.56E-01	27.99	2.55E-01	2.19E-01	
	-138.00	3.77E-06	-2.95E-06	1.90E-06	9.94E-06	1.99E-06	-1.38E-05	6.41E-06	-5.59E-06				
30	442.00	-1.88E-01	-4.25E-01	-1.96E-01	3.69E-01	5.02E-02	-4.51E-01	8.12E-02	-6.93E-01	36.09	-1.88E-01	3.69E-01	
	-68.00	1.67E-06	-7.45E-06	1.34E-06	2.84E-05	3.66E-06	-3.47E-05	1.20E-05	-1.78E-05				
31	457.33	-5.30E-01	-4.92E-01	-3.33E-01	1.80E-01	3.32E-01	-2.57E-01	-3.30E-01	-6.92E-01	48.07	-4.92E-01	-1.80E-01	
	-88.00	-5.51E-06	-4.02E-06	2.09E-06	1.38E-05	2.55E-05	-1.98E-05	2.19E-06	-1.17E-05				
32	472.67	4.21E-01	-3.37E-01	1.07E-01	3.78E-01	-1.78E-01	-6.42E-01	5.77E-01	-4.93E-01	22.45	5.75E-01	4.31E-02	
	-68.00	1.41E-05	-1.51E-05	2.02E-06	2.91E-05	-1.97E-05	-4.94E-05	2.01E-05	-2.11E-05				
33	443.00	9.84E-02	-5.26E-02	5.40E-02	1.35E-01	-2.30E-03	-2.47E-01	1.78E-01	-1.32E-01	30.40	9.84E-02	1.35E-01	
	-19.50	2.69E-06	-3.12E-06	9.80E-07	1.04E-05	-1.77E-07	-1.90E-05	5.73E-06	-6.16E-06				
34	454.00	2.16E-01	-2.53E-01	3.85E-02	5.14E-01	-1.86E-01	-9.12E-01	5.46E-01	-5.83E-01	32.71	4.06E-01	3.72E-01	
	-11.33	8.31E-06	-9.76E-06	1.47E-06	3.95E-05	-1.43E-05	-7.02E-05	2.10E-05	-2.25E-05				
35	461.67	-5.66E-01	-9.80E-01	-5.66E-01	5.05E-01	-3.50E-02	-9.18E-01	-2.28E-01	-1.32E+00	33.86	-5.66E-01	5.05E-01	
	-12.00	1.43E-06	-1.45E-05	1.44E-06	3.88E-05	-2.69E-06	-7.06E-05	1.45E-05	-2.75E-05				
36	469.00	-1.33E-01	-2.32E-01	-9.05E-02	8.98E-02	3.06E-01	-3.48E-01	-1.05E-01	-2.60E-01	25.18	-2.32E-01	-5.98E-02	
	-30.00	-1.12E-07	-3.92E-06	1.53E-06	4.60E-06	2.36E-05	-2.68E-05	9.70E-07	-5.01E-06				
37	476.33	-4.84E-01	-8.62E-01	-4.84E-01	2.92E-01	-3.97E-02	-7.42E-01	-3.25E-01	-1.02E+00	28.56	-3.85E-01	1.95E-01	
	-12.00	1.48E-06	-1.30E-05	1.51E-06	2.25E-05	-3.06E-06	-5.71E-05	7.59E-06	-1.92E-05				
38	558.50	-9.31E-02	-1.64E-01	-8.35E-02	4.20E-01	1.01E-02	-3.01E-01	2.84E-01	-5.61E-01	41.91	-9.31E-02	4.20E-01	
	-303.00	4.53E-07	-3.68E-06	8.90E-07	3.82E-05	9.18E-07	-2.74E-05	1.76E-05	-2.08E-05				
39	558.50	1.64E-04	-1.59E-01	1.20E-02	6.13E-01	1.96E-02	-3.16E-01	3.41E-01	-5.00E-01	39.54	1.64E-04	4.13E-01	
	-213.00	1.91E-06	-5.32E-06	2.45E-06	3.75E-05	1.79E-06	-2.87E-05	1.74E-05	-2.08E-05				
40	506.17	9.84E-02	-4.70E-01	1.66E-02	9.02E-01	1.35E-01	-7.25E-01	7.60E-01	-1.13E+00	36.25	9.84E-02	9.02E-01	
	-128.00	4.10E-06	-8.82E-06	2.24E-06	4.10E-05	6.14E-06	-3.30E-05	1.91E-05	-2.38E-05				
41	558.50	1.05E-01	-2.40E-01	2.01E-01	3.61E-01	2.63E-01	-5.27E-01	3.32E-01	-4.67E-01	32.21	-2.40E-01	-3.61E-01	
	-148.00	2.05E-06	-5.80E-06	4.22E-06	1.64E-05	1.20E-05	-2.39E-05	7.21E-06	-1.10E-05				
42	610.83	8.38E-02	-3.85E-01	1.30E-01	8.49E-01	1.15E-01	-5.64E-01	7.30E-01	-1.03E+00	37.29	6.07E-01	-4.49E-01	
	-128.00	2.80E-06	-7.85E-06	3.86E-06	3.86E-05	5.25E-06	-2.56E-05	1.75E-05	-2.25E-05				
43	501.38	1.02E-01	-1.24E-01	7.20E-02	1.83E-01	1.07E-01	-1.90E-01	2.04E-01	-2.26E-01	29.10	1.02E-01	1.83E-01	
	-78.00	3.39E-06	-5.33E-06	2.22E-06	1.41E-05	8.20E-06	-1.46E-05	7.30E-06	-9.24E-06				
44	534.67	2.88E-02	-4.58E-01	-3.99E-02	5.67E-01	5.43E-02	-8.15E-01	4.03E-01	-8.32E-01	33.39	3.02E-01	-3.38E-01	
	-68.00	6.26E-06	-1.25E-05	3.62E-06	4.36E-05	4.18E-06	-6.27E-05	2.06E-05	-2.68E-05				
45	584.67	-1.49E-01	-4.00E-01	-9.89E-02	7.19E-01	1.72E-01	-4.15E-01	4.55E-01	-1.00E+00	40.05	-1.49E-01	7.19E-01	
	-68.00	1.39E-06	-8.26E-06	3.31E-06	5.53E-05	1.32E-05	-3.19E-05	2.46E-05	-3.15E-05				
46	610.83	-5.40E-01	-5.49E-01	-2.65E-01	4.03E-01	2.62E-01	-3.62E-01	-1.42E-01	-9.47E-01	44.69	-5.49E-01	-4.03E-01	
	-88.00	-5.90E-06	-6.24E-06	4.70E-06	3.10E-05	2.02E-05	-2.79E-05	9.42E-06	-2.16E-05				
47	482.63	-1.25E-01	-3.19E-01	-1.38E-01	1.11E-01	9.33E-02	-2.31E-01	-7.50E-02	-3.69E-01	24.41	-1.25E-01	1.11E-01	
	-21.00	1.58E-06	-5.87E-06	1.09E-06	8.52E-06	7.18E-06	-1.78E-05	3.51E-06	-7.86E-06				
48	485.83	-8.99E-01	-1.44E+00	-8.72E-01	3.50E-01	8.40E-03	-8.26E-01	-7.27E-01	-1.61E+00	26.22	-8.56E-01	3.12E-01	
	-12.00	6.72E-07	-2.00E-05	1.72E-06	2.69E-05	6.46E-07	-6.35E-05	7.30E-06	-2.66E-05				
49	507.88	5.49E-02	-2.41E-01	-1.57E-02	1.33E-01	5.78E-02	-2.68E-01	1.06E-01	-2.92E-01	21.00	5.49E-02	1.33E-01	
	-21.00	4.33E-06	-7.05E-06	1.61E-06	1.02E-05	4.45E-06	-2.06E-05	6.29E-06	-9.02E-06				
50	538.67	1.01E-01	-5.38E-01	-5.04E-02	5.04E-01	2.22E-01	-7.04E-01	3.78E-01	-8.15E-01	28.83	2.52E-01	-3.66E-01	
	-10.00	9.23E-06	-1.53E-05	3.42E-06	3.88E-05	1.71E-05	-5.42E-05	1.99E-05	-2.60E-05				
51	484.67	-2.54E+00	-1.79E+00	-1.71E+00	-1.70E-02	2.77E-01	-6.69E-02	-1.79E+00	-2.54E+00	-88.70	-1.79E+00	1.70E-02	
	8.00	-3.13E-05	-2.47E-06	5.83E-07	-1.31E-06	2.13E-05	-5.15E-06	-2.45E-06	-3.13E-05				
52	507.00	9.70E-01	1.03E+00	8.52E-01	5.98E-01	1.06E-01	3.50E-01	1.60E+00	4.02E-01	46.46	1.51E+00	3.21E-01	
	9.00	5.95E-06	8.30E-06	1.42E-06	4.60E-05	8.15E-06	2.70E-05	3.01E-05	-1.59E-05				
53	603.00	1.37E-01	-8.26E-02	1.85E-01	2.73E-01	1.16E-01	-1.83E-01	3.22E-01	-2.68E-01	34.08	-5.79E-02	2.82E-01	
	-18.00	2.62E-06	-5.81E-06	4.50E-06	2.10E-05	8.93E-06	-1.41E-05	9.74E-06	-1.29E-05				
54	712.00	9.01E-02	-8.50E-02	-3.44E-02	4.33E-01	2.43E-02	-2.07E-01	3.45E-01	-5.20E-01	45.17	-9.01E-02	4.33E-01	
	-303.00	[illegible]37E-06	-1.14E-06	1.16E-06	3.93E-05	2.21E-06	[illegible]-05	1.84E-05	-2.09E-05				
55	712.0[illegible]	[illegible]33E-01	-2.71E-01	-9.34E-02	4.81E-01	8.86E-02	[illegible]-01	2.29E-01	-7.34E-01	43.68	-2.33E-01	4.6[illegible]	

	-213.00	[illegible]84E-06	-4.56E-06	3.52E-06	4.37E-05	8.06E-06	[illegible]-05	1.82E-05	-2.56E-05				
56	712.00	[illegible]37E-01	-2.29E-01	1.81E-01	4.10E-01	2.32E-01	[illegible]-01	2.29E-01	-5.95E-01	41.83	-1.37E-01	4.10E-	
	-138.00	-2.16E-06	-4.23E-06	5.09E-06	1.86E-05	1.06E-05	-6.06E-06	6.18E-06	-1.26E-05				
57	712.00	3.51E-02	-2.98E-02	2.06E-01	2.30E-01	1.02E-01	-1.45E-01	2.35E-01	-2.36E-01	40.98	3.51E-02	2.30E-01	
	-78.00	-9.74E-07	-3.47E-06	5.61E-06	1.77E-05	7.82E-06	-1.12E-05	6.71E-06	-1.12E-05				
58	712.00	-2.52E-02	-1.96E-01	1.33E-01	3.03E-01	1.06E-01	-1.66E-01	2.05E-01	-4.26E-01	37.14	-2.52E-02	3.03E-01	
	-18.00	7.50E-10	-6.57E-06	6.08E-06	2.33E-05	8.14E-06	-1.28E-05	8.84E-06	-1.54E-05				
59	837.00	-1.28E+00	-7.67E-01	-8.19E-01	3.69E-01	8.79E-02	-1.46E-01	-5.74E-01	-1.47E+00	62.41	-7.67E-01	-3.69E-01	
	-318.00	-2.10E-05	2.35E-06	.00E+00	3.35E-05	7.99E-06	-1.33E-05	1.11E-05	-2.97E-05				
60	887.00	-2.90E-01	-2.17E-01	-2.03E-01	9.82E-01	4.82E-02	-2.79E-01	7.29E-01	-1.24E+00	46.07	6.30E-01	-4.29E-01	
	-288.00	-3.98E-06	-6.30E-07	.00E+00	8.92E-05	4.38E-06	-2.53E-05	4.24E-05	-4.70E-05				
61	987.00	1.39E-01	-9.03E-03	5.21E-02	1.02E+00	6.25E-03	-1.88E-01	1.09E+00	-9.56E-01	42.92	1.39E-01	1.02E+00	
	-288.00	3.96E-06	-2.78E-06	.00E+00	9.25E-05	5.68E-07	-1.71E-05	4.70E-05	-4.56E-05				
62	1037.00	-1.36E+00	-8.95E-01	-9.04E-01	7.67E-01	3.34E-02	-1.11E-01	-3.28E-01	-1.93E+00	53.52	-8.95E-01	-7.67E-01	
	-318.00	-2.09E-05	4.03E-07	.00E+00	6.97E-05	3.04E-06	-1.01E-05	2.62E-05	-4.67E-05				
63	862.00	-3.45E-02	-1.22E-01	5.99E-02	4.79E-01	-1.03E-03	-1.44E-01	4.03E-01	-5.66E-01	42.39	-3.45E-02	4.79E-01	
	-213.00	-3.17E-07	-4.30E-06	3.98E-06	4.36E-05	-9.35E-08	-1.31E-05	1.96E-05	-2.42E-05				
64	1012.00	8.93E-02	-4.29E-02	1.41E-01	5.33E-01	-1.40E-02	-1.13E-01	5.61E-01	-5.14E-01	41.47	8.93E-02	5.33E-01	
	-213.00	1.62E-06	-4.38E-06	3.98E-06	4.85E-05	-1.27E-06	-1.03E-05	2.31E-05	-2.58E-05				
65	837.00	2.34E-01	-1.84E-01	3.83E-01	3.27E-01	1.60E-01	-1.83E-01	4.13E-01	-3.64E-01	28.70	-1.84E-01	-3.27E-01	
	-148.00	3.05E-06	-6.46E-06	6.44E-06	1.49E-05	7.28E-06	-8.32E-06	7.12E-06	-1.05E-05				
66	937.00	3.19E-02	-2.02E-01	2.78E-01	6.34E-01	1.67E-03	-1.73E-01	5.59E-01	-7.30E-01	39.76	2.67E-01	-5.40E-01	
	-128.00	1.63E-07	-5.16E-06	5.75E-06	2.88E-05	7.58E-08	-7.87E-06	1.22E-05	-1.72E-05				
67	1037.00	-4.58E-01	-4.25E-01	6.65E-02	5.92E-01	8.84E-02	-2.71E-01	1.50E-01	-1.03E+00	45.81	-4.25E-01	-5.92E-01	
	-148.00	-6.13E-06	-5.27E-06	5.79E-06	2.69E-05	4.02E-06	-1.23E-05	7.70E-06	-1.92E-05				
68	837.00	-2.03E-01	-4.75E-01	-5.83E-02	6.95E-01	1.07E-01	-1.58E-01	3.69E-01	-1.05E+00	39.45	-2.03E-01	6.95E-01	
	-68.00	7.96E-07	-1.02E-05	5.85E-06	5.35E-05	8.23E-06	-1.21E-05	2.23E-05	-3.22E-05				
69	937.00	2.36E-02	4.87E-02	2.89E-01	3.38E-01	8.45E-02	-1.86E-01	3.74E-01	-3.02E-01	46.07	4.87E-02	-3.38E-01	
	-88.00	-3.06E-06	-2.10E-06	7.14E-06	2.60E-05	6.50E-06	-1.43E-05	1.04E-05	-1.56E-05				
70	1037.00	-2.80E-01	-5.29E-01	-8.87E-02	5.85E-01	-6.51E-02	-2.87E-01	1.93E-01	-1.00E+00	39.01	-9.11E-02	-5.09E-01	
	-68.00	-9.20E-07	-1.05E-05	6.46E-06	4.50E-05	-5.01E-06	-2.21E-05	1.73E-05	-2.87E-05				
71	862.00	-2.43E-02	-1.86E-01	1.84E-01	2.93E-01	7.71E-02	-1.25E-01	1.99E-01	-4.10E-01	37.29	-2.43E-02	2.93E-01	
	-18.00	-6.42E-07	-6.87E-06	7.36E-06	2.26E-05	5.93E-06	-9.62E-06	7.95E-06	-1.55E-05				
72	1012.00	1.05E-01	-4.81E-02	2.95E-01	2.74E-01	-5.91E-02	-9.60E-02	3.13E-01	-2.56E-01	37.17	1.05E-01	2.74E-01	
	-18.00	1.87E-07	-5.72E-06	7.46E-06	2.11E-05	-4.24E-06	-7.38E-06	8.17E-06	-1.37E-05				
73	1387.00	7.94E-02	7.32E-02	9.59E-02	4.12E-01	-8.39E-03	-2.87E-02	6.88E-01	-3.36E-01	44.78	7.94E-02	4.12E-01	
	-303.00	3.82E-07	1.01E-07	1.13E-06	3.74E-05	-7.63E-07	-2.61E-06	1.90E-05	-1.85E-05				
74	1387.00	3.68E-02	-1.60E-02	1.13E-01	4.26E-01	-2.29E-02	-3.31E-02	4.37E-01	-4.16E-01	43.23	3.68E-02	4.26E-01	
	-213.00	-6.90E-08	-2.47E-06	3.41E-06	3.87E-05	-2.08E-06	-3.01E-06	1.81E-05	-2.06E-05				
75	1387.00	6.47E-02	4.83E-02	3.10E-01	3.11E-01	-6.44E-02	-5.75E-03	3.67E-01	-2.54E-01	44.24	6.47E-02	3.11E-01	
	-138.00	-7.49E-07	-1.12E-06	4.83E-06	1.41E-05	-2.93E-06	-2.62E-07	6.12E-06	-7.99E-06				
76	1187.00	1.77E-02	7.27E-04	2.13E-01	4.79E-01	-1.38E-02	5.65E-02	4.89E-01	-4.70E-01	44.49	1.77E-02	4.79E-01	
	-68.00	-1.86E-06	-2.51E-06	5.64E-06	3.69E-05	-1.06E-06	4.34E-06	1.63E-05	-2.06E-05				
77	1387.00	-1.18E-01	-1.66E-01	8.28E-02	2.48E-01	-1.79E-02	-4.54E-02	1.08E-01	-3.91E-01	42.23	-1.66E-01	-2.48E-01	
	-88.00	-2.32E-06	-4.17E-06	5.39E-06	1.91E-05	-1.38E-06	-3.49E-06	6.35E-06	-1.28E-05				
78	1587.00	5.81E-03	-3.50E-02	1.60E-01	2.90E-01	-5.05E-02	1.57E-02	2.77E-01	-3.06E-01	42.99	7.83E-02	-2.76E-01	
	-68.00	-1.21E-06	-2.78E-06	4.71E-06	2.23E-05	-3.89E-06	1.21E-06	9.20E-06	-1.32E-05				
79	1237.00	-1.08E-01	-1.01E-01	1.52E-01	2.39E-01	-2.10E-02	-2.57E-02	1.35E-01	-3.44E-01	45.41	-1.08E-01	2.39E-01	
	-18.00	-3.53E-06	-3.26E-06	6.47E-06	1.84E-05	-1.62E-06	-1.98E-06	5.80E-06	-1.26E-05				
80	1433.80	-6.95E-02	-9.60E-02	1.37E-01	2.53E-01	-4.92E-02	1.40E-02	1.71E-01	-3.36E-01	43.50	-6.95E-02	2.53E-01	
	-8.00	-2.36E-06	-3.38E-06	5.59E-06	1.95E-05	-3.78E-06	1.08E-06	6.87E-06	-1.26E-05				
81	1533.80	-1.14E-01	-4.09E-02	1.25E-01	1.69E-01	-4.30E-02	-1.51E-02	9.53E-02	-2.51E-01	51.13	-4.09E-02	-1.69E-01	
	-28.00	-4.07E-06	-1.24E-06	5.14E-06	1.30E-05	-3.31E-06	-1.16E-06	4.00E-06	-9.31E-06				
82	1633.80	-1.01E-01	-2.56E-02	1.25E-01	5.81E-02	-5.38E-02	9.89E-03	5.94E-03	-1.33E-01	61.51	3.33E-03	-1.88E-02	
	-8.00	-3.87E-06	-9.67E-07	4.83E-06	4.47E-06	-4.14E-06	7.61E-07	2.45E-07	-5.08E-06				
83	1433.80	-5.10E-01	-2.65E-01	-9.86E-02	1.90E-01	-4.39E-03	-2.01E-03	-1.62E-01	-6.13E-01	61.37	-2.65E-01	-1.90E-01	
	27.60	-1.00E-05	-6.11E-07	5.81E-06	1.46E-05	-3.38E-07	-1.55E-07	3.37E-06	-1.40E-05				
84	1298.10	-1.67E-01	-5.94E-02	1.53E-01	1.73E-01	-1.46E-02	-2.14E-02	6.79E-02	-2.94E-01	53.65	-1.60E-01	-1.75E-01	
	40.70	-5.61E-06	-1.47E-06	6.68E-06	1.33E-05	-1.12E-06	-1.65E-06	3.43E-06	-1.05E-05				
85	1148.60	-3.12E-02	5.38E-02	2.76E-01	2.05E-01	-1.76E-02	1.89E-02	2.21E-01	-1.98E-01	50.85	1.98E-01	9.62E-02	
	57.33	-4.48E-06	-1.21E-06	7.33E-06	1.58E-05	-1.36E-06	1.45E-06	5.22E-06	-1.09E-05				
86	1131.40	-6.80E-01	-2.70E-01	-9.07E-02	1.58E-01	1.16E-01	4.85E-02	-2.16E-01	-7.34E-01	71.16	-2.70E-01	-1.58E-01	
	112.00	-1.47E-05	1.04E-06	7.95E-06	1.22E-05	8.92E-06	3.73E-06	3.12E-06	-1.68E-05				
87	1019.80	-2.43E-01	-4.01E-01	4.32E-02	2.77E-01	8.02E-02	-2.42E-01	-3.37E-02	-6.10E-01	37.05	-4.01E-01	-2.77E-01	

	34.67	-2.74E-06	-4.82E-06	8.26E-06	2.13E-05	6.17E-06	-1.86E-05	5.30E-06	-1.69E-05				
88	886.60	-4.47E-02	-1.75E-01	2.02E-01	2.32E-01	4.24E-02	-1.33E-01	1.31E-01	-3.51E-01	37.13	-4.47E-02	2.32E-01	
	46.00	-1.52E-06	-6.54E-06	7.97E-06	1.78E-05	3.26E-06	-1.03E-05	5.22E-06	-1.33E-05				
89	869.80	-1.09E-01	-6.68E-03	3.12E-01	1.80E-01	2.56E-01	1.05E-01	1.29E-01	-2.45E-01	52.98	-6.68E-03	-1.80E-01	
	96.00	-6.36E-06	-2.41E-06	9.84E-06	1.38E-05	1.57E-05	8.04E-06	2.81E-06	-1.16E-05				
90	952.60	-3.91E-02	3.88E-02	3.27E-01	2.44E-01	5.88E-02	-2.00E-01	2.47E-01	-2.47E-01	49.54	1.27E-01	-2.12E-01	
	128.00	-5.09E-06	-2.10E-06	8.98E-06	1.88E-05	4.53E-06	-1.54E-05	5.91E-06	-1.31E-05				
91	969.80	-4.19E-02	-4.59E-02	2.65E-01	1.32E-01	9.19E-02	3.61E-02	8.82E-02	-1.76E-01	44.58	-4.19E-02	1.32E-01	
	160.00	-3.56E-06	-3.71E-06	8.24E-06	1.02E-05	7.07E-06	2.78E-06	1.45E-06	-8.71E-06				
92	869.80	-4.49E-01	-1.69E-01	1.39E-01	1.89E-01	4.56E-01	-9.19E-02	-7.36E-02	-5.44E-01	63.23	-1.69E-01	-1.89E-01	
	203.60	-1.20E-05	-1.24E-06	1.06E-05	1.46E-05	3.82E-05	-7.07E-06	2.43E-06	-1.57E-05				
93	598.67	2.23E-01	-1.99E-01	2.09E-01	4.45E-01	4.15E-01	-4.60E-01	5.04E-01	-4.86E-01	32.31	-1.99E-01	-4.45E-01	
	16.00	6.02E-06	-1.02E-05	5.48E-06	3.42E-05	3.19E-05	-3.54E-05	1.68E-05	-2.10E-05				
94	645.75	3.67E-02	-1.66E-01	1.45E-01	2.99E-01	1.33E-01	-1.88E-01	2.51E-01	-3.86E-01	35.64	3.67E-02	2.99E-01	
	24.00	1.23E-06	-6.55E-06	5.41E-06	2.30E-05	1.03E-05	-1.45E-05	9.46E-06	-1.48E-05				
95	613.10	9.45E-02	-7.95E-02	1.53E-01	5.85E-01	1.98E-01	2.24E-01	5.99E-01	-5.84E-01	40.77	9.45E-02	5.85E-01	
	69.33	1.79E-06	-4.90E-06	4.03E-06	4.50E-05	1.52E-05	1.72E-05	2.12E-05	-2.43E-05				
96	708.45	3.01E-02	-1.01E-01	2.18E-01	2.47E-01	1.47E-01	-9.67E-02	2.20E-01	-2.91E-01	37.56	-2.31E-01	-1.64E-01	
	55.00	-4.60E-07	-5.51E-06	6.78E-06	1.90E-05	1.13E-05	-7.44E-06	6.84E-06	-1.28E-05				
97	613.10	1.46E-01	1.67E-01	3.93E-01	2.46E-01	7.14E-01	-8.54E-02	4.03E-01	-8.98E-02	46.17	1.67E-01	-2.46E-01	
	96.00	-2.12E-06	-1.35E-06	7.35E-06	1.89E-05	5.49E-05	-6.57E-06	7.74E-06	-1.12E-05				
98	682.27	-4.38E-02	-1.72E-01	1.54E-01	3.90E-01	2.08E-01	-2.58E-02	2.87E-01	-5.03E-01	60.34	1.55E-01	-2.95E-01	
	112.00	-1.01E-06	-5.93E-06	6.61E-06	3.00E-05	1.60E-05	-1.99E-06	1.17E-05	-1.87E-05				
99	751.43	-4.01E-01	-3.98E-01	-1.03E-02	3.20E-01	3.36E-01	-3.42E-01	-7.91E-02	-7.20E-01	45.12	-3.98E-01	-3.20E-01	
	96.00	-6.52E-06	-6.42E-06	8.49E-06	2.46E-05	2.58E-05	-2.63E-05	5.85E-06	-1.88E-05				
100	683.25	2.55E-02	-6.09E-02	2.42E-01	1.24E-01	1.67E-01	-1.50E-01	1.14E-01	-1.49E-01	35.42	2.55E-02	1.24E-01	
	152.00	-1.29E-06	-4.61E-06	7.04E-06	9.56E-06	1.28E-05	-1.15E-05	2.11E-06	-8.01E-06				
101	648.67	-9.91E-02	4.64E-02	3.33E-01	1.03E-01	5.59E-01	-2.65E-02	1.00E-01	-1.53E-01	62.57	4.64E-02	-1.03E-01	
	192.00	-6.89E-06	-1.30E-06	9.73E-06	7.95E-06	4.30E-05	-2.04E-06	7.69E-07	-8.96E-06				
102	725.25	-6.15E-02	9.96E-04	2.42E-01	8.52E-02	1.52E-01	-1.60E-01	6.76E-02	-1.08E-01	52.00	-4.72E-02	-8.36E-02	
	232.70	-3.81E-06	-2.17E-06	7.08E-06	6.56E-06	1.17E-05	-1.23E-05	3.90E-07	-6.37E-06				
103	635.50	-7.00E-02	-1.88E-01	8.42E-02	-1.62E-03	1.19E-01	2.33E-01	-7.00E-02	-1.88E-01	-.79	-7.00E-02	-1.62E-03	
	256.00	-7.85E-07	-5.31E-06	5.15E-06	-1.25E-07	9.13E-06	1.79E-05	-7.84E-07	-5.31E-06				
104	635.50	-4.39E-02	-4.79E-02	2.52E-01	7.76E-03	4.79E-01	-2.91E-02	-3.79E-02	-5.39E-02	37.75	-4.79E-02	-7.76E-03	
	290.67	-3.44E-06	-3.60E-06	7.92E-06	5.97E-07	3.69E-05	-2.24E-06	-3.21E-06	-3.83E-06				
105	569.00	2.36E-01	-2.18E-01	1.48E-01	4.11E-01	1.41E-01	-3.85E-01	4.78E-01	-4.61E-01	30.53	2.36E-01	4.11E-01	
	16.50	7.26E-06	-1.02E-05	3.88E-06	3.16E-05	1.08E-05	-2.96E-05	1.66E-05	-1.95E-05				
106	508.50	1.98E+00	1.28E+00	1.44E+00	5.01E-01	4.59E-01	-8.61E-02	2.24E+00	1.02E+00	27.47	1.28E+00	-5.01E-01	
	13.00	2.45E-05	-2.52E-06	3.84E-06	3.86E-05	3.53E-05	-6.62E-06	3.46E-05	-1.25E-05				
107	521.00	4.24E-01	2.47E-02	2.65E-01	5.03E-01	1.27E-01	-1.97E-01	7.65E-01	-3.16E-01	34.17	4.24E-01	5.03E-01	
	15.75	8.47E-06	-6.89E-06	2.34E-06	3.87E-05	9.81E-06	-1.51E-05	2.16E-05	-2.00E-05				
108	526.25	3.70E-01	1.53E-02	2.52E-01	5.43E-01	1.08E-01	-2.06E-01	7.64E-01	-3.78E-01	35.95	3.70E-01	5.43E-01	
	21.00	7.23E-06	-6.42E-06	2.69E-06	4.18E-05	8.28E-06	-1.58E-05	2.24E-05	-2.16E-05				
109	515.50	1.32E+00	8.40E-01	1.03E+00	7.56E-01	3.51E-01	-8.66E-02	1.87E+00	2.88E-01	36.16	8.40E-01	-7.56E-01	
	26.00	1.57E-05	-2.80E-06	4.62E-06	5.81E-05	2.70E-05	-6.66E-06	3.70E-05	-2.40E-05				
110	531.50	2.04E-01	-1.45E-02	1.99E-01	4.30E-01	7.36E-02	-1.82E-01	5.38E-01	-3.49E-01	37.89	2.04E-01	4.30E-01	
	34.50	3.57E-06	-4.82E-06	3.38E-06	3.31E-05	5.66E-06	-1.40E-05	1.64E-05	-1.77E-05				
111	515.50	-1.16E-01	-4.04E-01	-1.17E-01	1.43E+00	6.38E-02	3.99E-01	1.18E+00	-1.70E+00	42.12	-1.16E-01	1.43E+00	
	44.00	2.55E-06	-8.53E-06	2.49E-06	1.10E-04	4.91E-06	3.07E-05	5.23E-05	-5.83E-05				
112	515.50	4.02E-01	2.54E-01	4.37E-01	3.13E-01	2.46E-01	-7.24E-02	6.50E-01	6.81E-03	38.34	2.54E-01	-3.13E-01	
	53.33	3.45E-06	-2.24E-06	4.79E-06	2.41E-05	1.89E-05	-5.57E-06	1.30E-05	-1.18E-05				
113	547.50	-2.03E-01	-2.62E-01	-2.16E-02	3.96E-01	1.15E-01	-7.06E-01	1.65E-01	-6.29E-01	42.88	-1.32E-01	-3.84E-01	
	64.00	-2.46E-06	-4.72E-06	4.51E-06	3.04E-05	8.84E-06	-5.43E-05	1.17E-05	-1.85E-05				
114	515.50	-2.69E-01	-4.89E-01	-1.78E-01	6.17E-01	2.61E-02	7.43E-02	2.48E-01	-1.01E+00	39.94	-2.69E-01	6.17E-01	
	74.67	-5.49E-08	-8.53E-06	3.44E-06	4.75E-05	2.01E-06	5.72E-06	1.98E-05	-2.84E-05				
115	515.50	-2.09E-01	-1.40E-01	2.90E-02	2.05E-01	1.82E-01	-7.33E-02	3.33E-02	-3.82E-01	49.78	-1.40E-01	-2.05E-01	
	88.00	-4.52E-06	-1.87E-06	4.63E-06	1.58E-05	1.40E-05	-5.64E-06	4.79E-06	-1.12E-05				
116	547.50	-4.04E-01	-2.90E-01	-1.19E-01	5.19E-01	9.48E-02	-4.04E-01	1.75E-01	-8.70E-01	48.14	-5.22E-02	-4.31E-01	
	104.00	-6.61E-06	-2.21E-06	4.36E-06	4.00E-05	7.29E-06	-3.11E-05	1.57E-05	-2.45E-05				
117	515.50	-1.14E-01	-3.07E-01	-2.27E-02	4.82E-01	1.67E-02	-3.20E-02	2.81E-01	-7.02E-01	39.33	-1.14E-01	4.82E-01	
	120.00	4.98E-07	-6.94E-06	4.01E-06	3.71E-05	1.29E-06	-2.46E-06	1.57E-05	-2.21E-05				
118	515.50	-2.78E-03	5.98E-03	1.91E-01	1.81E-01	1.65E-01	-5.98E-02	1.82E-01	-1.79E-01	45.69	5.98E-03	-1.81E-01	
	136.00	[illegible]4E-06	-1.60E-06	5.21E-06	1.39E-05	1.27E-05	-4[illegible]06	4.87E-06	-9.02E-06				
119	547.50	[illegible]8E-01	-3.27E-01	-9.94E-02	3.64E-01	7.97E-02	[illegible]01	2.93E-02	-6.99E-01	45.65	-1.56E-01	-3.18E-[illegible]	

	152.0	[illegible].86E-06	-4.23E-06	4.91E-06	2.80E-05	6.13E-06	[illegible]E-05	9.47E-06	-1.86E-05				
120	515.5	[illegible].75E-01	-3.57E-01	-5.12E-02	3.61E-01	4.74E-02	[illegible]E-01	1.06E-01	-6.36E-01	37.90	-1.75E-01	3.61E	
	168.00	-3.18E-07	-7.33E-06	4.45E-06	2.77E-05	3.65E-06	[illegible]9E-05	1.05E-05	-1.81E-05				
121	515.50	-7.88E-02	-2.39E-02	1.76E-01	1.26E-01	2.61E-01	-4.11E-02	7.79E-02	-1.81E-01	51.13	-2.39E-02	-1.26E-01	
	184.00	-3.94E-06	-1.73E-06	5.96E-06	9.72E-06	2.01E-05	-3.16E-06	2.19E-06	-7.75E-06				
122	547.50	-1.84E-01	-1.11E-01	8.64E-02	3.23E-01	1.20E-01	-3.48E-01	1.78E-01	-4.73E-01	48.26	3.71E-02	-2.68E-01	
	200.00	-4.80E-06	-1.96E-06	5.62E-06	2.49E-05	9.19E-06	-2.68E-05	9.13E-06	-1.59E-05				
123	515.50	-8.99E-02	-2.59E-01	3.22E-02	2.28E-01	5.73E-02	2.22E-01	6.89E-02	-4.18E-01	34.83	-8.99E-02	2.28E-01	
	216.00	2.41E-08	-6.49E-06	4.72E-06	1.76E-05	4.40E-06	1.71E-05	6.13E-06	-1.26E-05				
124	515.50	2.00E-01	1.78E-01	3.82E-01	1.88E-02	2.54E-01	-2.77E-02	2.10E-01	1.67E-01	30.00	1.78E-01	-1.88E-02	
	232.00	-6.69E-07	-1.50E-06	6.34E-06	1.44E-05	2.26E-05	-2.13E-06	-2.52E-07	-1.92E-06				
125	547.50	2.25E-01	2.53E-01	4.09E-01	4.76E-02	1.31E-01	-5.34E-01	2.89E-01	1.90E-01	53.03	2.74E-01	-3.55E-02	
	248.00	-1.08E-06	-2.29E-08	5.97E-06	3.66E-06	1.00E-05	-4.11E-05	1.35E-06	-2.45E-06				
126	515.50	5.96E-02	-3.87E-02	1.72E-01	-3.02E-02	2.60E-02	1.24E-01	6.82E-02	-4.72E-02	-15.78	5.96E-02	-3.02E-02	
	264.00	1.75E-07	-3.60E-06	4.49E-06	-2.32E-06	2.00E-06	9.52E-06	5.03E-07	-3.93E-06				
127	515.50	3.01E-01	2.49E-01	4.15E-01	-4.90E-02	1.93E-01	-2.35E-02	3.30E-01	2.19E-01	-31.08	2.49E-01	4.90E-02	
	276.00	9.63E-07	-1.03E-06	5.37E-06	-3.77E-06	1.48E-05	-1.81E-06	2.10E-06	-2.17E-06				
128	531.50	2.65E-01	1.37E-01	3.18E-01	-1.67E-02	2.76E-02	-2.16E-02	2.68E-01	1.35E-01	-7.33	2.65E-01	-1.67E-02	
	297.00	2.29E-06	-2.64E-06	4.31E-06	-1.29E-06	2.12E-06	-1.66E-06	2.37E-06	-2.72E-06				
129	515.50	2.76E-01	-1.22E-01	1.87E-01	-1.29E-01	3.78E-02	1.62E-01	3.14E-01	-1.60E-01	-16.53	2.76E-01	-1.29E-01	
	320.00	6.87E-06	-8.43E-06	3.44E-06	-9.96E-06	2.91E-06	1.25E-05	8.34E-06	-9.91E-06				
183	565.50	1.29E-01	-4.05E-01	8.06E-03	6.61E-01	1.83E-01	-4.36E-01	5.75E-01	-8.51E-01	34.02	1.29E-01	6.61E-01	
	-8.00	7.89E-06	-1.26E-05	3.26E-06	5.09E-05	1.41E-05	-3.35E-05	2.51E-05	-2.98E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.2489E+02	-.1517E+03	-.1303E+03	.1397E+01	-.1083E+02	.4048E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.4024E+00	-.1243E+00	-.3458E+00	.7516E+01	.2246E+01	-.1523E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3969E+00	.1364E+00	-.2374E+00	.1433E+02	.6861E+01	-.4013E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.3989E+00	-.4612E-01	-.1608E+00	.2064E+02	.9324E+01	-.6024E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5884E+00	.1308E+00	-.1362E+00	.2642E+02	.1212E+02	-.8601E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.8640E+00	-.1393E+00	-.9673E-01	.3352E+02	.1396E+02	-.1251E+02
25	.8521E+00	.1210E+00	-.8716E-01	.4018E+02	.1516E+02	-.1682E+02
26	.9414E+01	.1634E+01	-.1857E+00	.4457E+02	.1565E+02	-.1994E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1509E+02	-.2098E+01	-.8590E-01	.4726E+02	.1809E+02	-.2277E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.9498E+02	-.5557E+01	-.6689E+01	.6389E+02	.3223E+02	-.3812E+02
40	.2112E+02	.1317E+02	-.7132E+01	.6283E+02	.3267E+02	-.3439E+02
41	.1082E+03	.2333E+02	-.4367E+01	.5644E+02	.3013E+02	-.2894E+02
42	.5193E+02	.9831E+01	-.7459E+00	.4887E+02	.2418E+02	-.2503E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.6659E+03	-.9771E+02	-.3894E+01	.2238E+02	.2648E+02	.3134E+02
48	-.5919E+03	-.8355E+02	-.6387E+01	.5970E+01	.2175E+02	.2107E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.4892E+03	-.7314E+02	-.2631E+01	-.6691E+02	.9044E+01	.6676E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2701E+01	-.5175E+01	-.3883E+00	.1412E+02	.2724E+02	.3082E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.3319E+03	-.4962E+02	-.2543E+01	-.5338E+02	.1159E+02	.6013E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.2285E+03	-.3406E+02	-.3301E+01	-.5091E+02	.1696E+02	.5782E+02
66	-.6394E+02	-.9276E+01	-.4044E+01	-.5585E+02	.2891E+02	.6090E+02
67	.1808E+03	.2757E+02	-.3955E+01	-.5499E+02	.4337E+02	.6037E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.3203E+03	.4868E+02	-.3069E+01	-.4077E+02	.6150E+02	.6946E+02
76	-.3831E+02	-.4930E+01	-.1861E+01	-.3938E+02	.7842E+02	.7269E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.1326E+03	.2088E+02	-.1231E+01	-.3521E+02	.9336E+02	.6911E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.6052E+02	-.8069E+01	-.6943E+00	-.2929E+02	.9962E+02	.6990E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.7589E+02	.1250E+02	-.6240E+00	-.3055E+02	.1103E+03	.6255E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.6016E+02	-.7974E+01	-.5195E+00	-.3046E+02	.1141E+03	.5581E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.5660E+02	.1123E+02	-.4914E+00	-.2660E+02	.1235E+03	.5087E+02
109	-.4289E+02	-.5178E+01	-.3139E+00	-.2383E+02	.1259E+03	.4320E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.5438E+02	.9469E+01	-.2325E+00	-.2111E+02	.1322E+03	.3844E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.4163E+01	.1915E+01	.3255E+00	-.1840E+02	.1303E+03	.3237E+02
115	.2915E+02	.5686E+01	.6553E+00	-.1511E+02	.1286E+03	.2646E+02
116	.1821E+02	.4109E+01	.1206E+01	-.1093E+02	.1270E+03	.2539E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.3322E+02	.6392E+01	.1517E+01	-.1351E+02	.1257E+03	.1761E+02
119	.3892E+02	.7079E+01	.2118E+01	-.6866E+01	.1114E+03	.1551E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5813E+02	.6081E+01	.3351E+01	.8490E+00	.8579E+02	.1198E+02
122	.4655E+02	.5151E+00	.4076E+01	.2071E+01	.8054E+02	.6863E+01
123	.3334E+02	-.2117E+00	.3634E+01	.1099E+01	.6918E+02	.5858E+01
124	.2225E+02	-.3077E+00	.2523E+01	.4501E+00	.5594E+02	.5049E+01
125	.1250E+02	-.7565E+00	.1854E+01	-.7890E-01	.4518E+02	.4289E+01
126	.4388E-01	-.2511E+01	.1693E+01	-.7732E+00	.3634E+02	.3477E+01
127	-.8593E+01	-.3874E+01	.1660E+01	-.1199E+01	.2936E+02	.2519E+01
128	-.1664E+02	-.4761E+01	.1375E+01	-.2236E+01	.1581E+02	.1479E+01
129	-.1543E+02	-.3885E+01	.9220E+00	-.2612E+01	.5712E+01	.7075E+00
130	-.9931E+01	-.2223E+01	.4180E+00	-.2550E+01	-.9186E+00	.3712E+00
131	-.2296E+01	-.3540E+00	.5203E-01	-.2106E+01	-.3257E+01	.3559E+00
132	.3117E+00	.1832E+00	-.2876E-02	-.1436E+01	-.1611E+01	.4744E+00
133	.5644E+00	.1560E+00	.3591E-01	-.1014E+01	-.2657E+00	.4955E+00
134	.1400E+00	.3113E-01	.6483E-01	-.7716E+00	.8118E-01	.4147E+00
135	-.2717E-01	-.9567E-02	.7619E-01	-.5801E+00	.4229E-01	.3030E+00
136	.1754E-02	-.3291E-02	.1114E+00	-.3919E+00	.5321E-02	.1951E+00
137	-.2224E-01	-.8316E-02	.2619E+00	-.2193E+00	-.1477E-01	.1016E+00
138	.2965E-01	.2295E-01	.1264E+02	-.7246E-01	.2526E-01	.3239E-01
139	.1392E-01	.2252E-01	-.2651E+02	-.1901E-01	-.1712E-01	.3043E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.11344E-01	-.56309E-04	.11318E-01	.00000E+00
3	-.20610E-01	-.20044E-03	.20619E-01	.00000E+00
4	-.22338E-01	-.19183E-03	.22322E-01	.00000E+00
5	-.24101E-01	-.11449E-04	.24110E-01	.00000E+00
6	-.27139E-01	.43969E-05	.27137E-01	-.42020E-05
7	-.24976E-01	-.38773E-03	.25263E-01	.00000E+00
8	-.27210E-01	-.28594E-03	.27281E-01	-.67960E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.11210E-01	-.12303E-03	.11283E-01	.00000E+00
11	-.20708E-01	-.24568E-03	.20932E-01	.00000E+00
12	-.23079E-01	-.27324E-03	.23343E-01	.00000E+00
13	-.24963E-01	-.20743E-03	.25064E-01	.00000E+00
14	-.27365E-01	-.26364E-03	.27662E-01	-.21675E-05
15	-.25294E-01	-.55003E-03	.26164E-01	.00000E+00
16	-.27598E-01	-.43715E-03	.28291E-01	.14011E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.11310E-01	-.17140E-03	.11625E-01	.00000E+00

19	-.21082E-01	-.30320E-03	.21770E-01	.00000E+00
20	-.23569E-01	-.37400E-03	.24390E-01	.00000E+00
21	-.25543E-01	-.22389E-03	.26266E-01	.00000E+00
22	-.27919E-01	-.24223E-03	.29172E-01	-.91511E-06
23	-.26208E-01	-.81384E-03	.28142E-01	.00000E+00
24	-.28318E-01	-.67272E-03	.30333E-01	-.84949E-05
25	-.28599E-01	-.97331E-03	.31093E-01	.24847E-06
26	-.28762E-01	-.92287E-03	.31546E-01	.29820E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.11324E-01	-.33045E-03	.11803E-01	.00000E+00
29	-.21541E-01	-.59343E-03	.22449E-01	.00000E+00
30	-.24070E-01	-.66384E-03	.25534E-01	.00000E+00
31	-.26388E-01	-.81287E-03	.28386E-01	.00000E+00
32	-.28936E-01	-.94923E-03	.32050E-01	-.23881E-04
33	-.26321E-01	-.12314E-02	.28311E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.11248E-01	-.49810E-03	.11747E-01	.00000E+00
36	-.21703E-01	-.73594E-03	.22477E-01	.00000E+00
37	-.24331E-01	-.80597E-03	.25321E-01	.00000E+00
38	-.27095E-01	-.99446E-03	.29308E-01	.00000E+00
39	-.29248E-01	-.13402E-02	.32907E-01	.16921E-04
40	-.29195E-01	-.14380E-02	.32707E-01	.17110E-05
41	-.29144E-01	-.13945E-02	.32523E-01	-.89454E-05
42	-.29061E-01	-.12216E-02	.32315E-01	-.19256E-04
43	-.24091E-01	-.10890E-02	.24293E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.10485E-01	.69283E-04	.10377E-01	.00000E+00
46	-.21644E-01	-.66141E-03	.21025E-01	.00000E+00
47	-.29273E-01	-.12054E-02	.32977E-01	.14761E-04
48	-.29266E-01	-.12707E-02	.32973E-01	.22911E-04
49	-.27064E-01	-.10410E-02	.29032E-01	.00000E+00
50	-.29545E-01	-.12680E-02	.33094E-01	.66955E-04
51	-.27358E-01	-.11847E-02	.28027E-01	.00000E+00
52	-.30628E-01	-.11305E-02	.30759E-01	.00000E+00
53	-.29291E-01	-.11247E-02	.32994E-01	.27267E-05
54	-.24012E-01	-.66457E-03	.22317E-01	.00000E+00
55	-.26933E-01	-.98173E-03	.24543E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.89634E-02	-.98300E-03	.71393E-02	.00000E+00
58	-.19216E-01	-.54304E-03	.13539E-01	.00000E+00
59	-.31212E-01	-.79072E-03	.28594E-01	.00000E+00
60	-.30725E-01	-.10524E-02	.29720E-01	.00000E+00
61	-.29804E-01	-.12694E-02	.33173E-01	.10314E-03
62	-.22596E-01	-.30128E-03	.16374E-01	.00000E+00
63	-.26059E-01	-.21907E-03	.20305E-01	.00000E+00
64	-.31254E-01	-.10949E-02	.31188E-01	.00000E+00
65	-.30153E-01	-.12711E-02	.33246E-01	.12813E-03
66	-.31018E-01	-.12724E-02	.33393E-01	.15553E-03
67	-.31950E-01	-.12712E-02	.33553E-01	.14815E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.70117E-02	.11785E-03	.39404E-02	.00000E+00
70	-.20207E-01	-.18136E-04	.12747E-01	.00000E+00
71	-.30312E-01	-.71494E-04	.23092E-01	.00000E+00
72	-.32104E-01	-.10009E-02	.31164E-01	.00000E+00
73	-.24840E-01	-.25763E-04	.13909E-01	.00000E+00
74	-.34058E-01	-.97345E-03	.32614E-01	.00000E+00
75	-.32742E-01	-.12701E-02	.33693E-01	.11264E-03
76	-.33806E-01	-.12979E-02	.33987E-01	.78787E-04
77	-.28651E-01	.28175E-03	.17746E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.83481E-02	-.29238E-03	.48231E-02	.00000E+00
	-.19200E-01	.27131E-03	.10388E-01	.00000E+00
	-.21192E-01	.36042E-03	.11109E-01	.00000E+00
	-.23839E-01	.54456E-03	.14179E-01	.00000E+00

	-.33795E-01	.16171E-03	.25562E-01	.00000E+00
	-.31555E-01	.55186E-03	.19678E-01	.00000E+00
85	-.35012E-01	-.13019E-02	.34332E-01	.62975E-04
86	-.35304E-01	-.10111E-02	.33750E-01	.00000E+00
87	-.28698E-01	.49493E-03	.15856E-01	.00000E+00
88	-.35301E-01	-.63185E-03	.29930E-01	.00000E+00
89	-.35840E-01	-.13388E-02	.34692E-01	.50518E-04
90	-.21505E-01	.22022E-03	.49458E-02	.00000E+00
91	-.23148E-01	.43592E-03	.60554E-02	.00000E+00
92	-.24873E-01	.15068E-03	.66939E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.91469E-02	.00000E+00	.16696E-02	.00000E+00
95	-.16904E-01	.00000E+00	.29557E-02	.00000E+00
96	-.19435E-01	.00000E+00	.36417E-02	.00000E+00
97	-.20240E-01	.00000E+00	.31488E-02	.00000E+00
98	-.19803E-01	.00000E+00	.28662E-02	.00000E+00
99	-.21855E-01	.51137E-05	.36318E-02	.00000E+00
100	-.27545E-01	.19693E-03	.97908E-02	.00000E+00
101	-.33646E-01	-.10883E-05	.19377E-01	.00000E+00
102	-.37123E-01	-.13726E-02	.35189E-01	.45452E-04
103	-.35379E-01	-.41684E-04	.25868E-01	.00000E+00
104	-.37683E-01	-.12063E-02	.34969E-01	.00000E+00
105	-.38013E-01	-.13893E-02	.35631E-01	.39024E-04
106	-.37059E-01	-.70536E-04	.29190E-01	.00000E+00
107	-.39123E-01	-.12405E-02	.35365E-01	.00000E+00
108	-.39034E-01	-.14029E-02	.36028E-01	.37221E-04
109	-.39770E-01	-.14125E-02	.36373E-01	.31591E-04
110	-.39179E-01	-.10943E-02	.30998E-01	.00000E+00
111	-.40709E-01	-.15216E-02	.36253E-01	.00000E+00
112	-.40571E-01	-.14210E-02	.36648E-01	.28256E-04
113	-.40377E-01	-.88215E-03	.33080E-01	.00000E+00
114	-.41011E-01	-.13915E-02	.36874E-01	.10378E-04
115	-.41145E-01	-.13770E-02	.37025E-01	.19776E-05
116	-.41115E-01	-.13283E-02	.37115E-01	-.54757E-05
117	-.40934E-01	-.16268E-02	.37239E-01	.00000E+00
118	-.41016E-01	-.13165E-02	.37147E-01	-.11086E-04
119	-.40717E-01	-.12904E-02	.37172E-01	-.18596E-04
120	-.41348E-01	-.13294E-02	.37295E-01	.00000E+00
121	-.40141E-01	-.12414E-02	.37160E-01	-.30923E-04
122	-.40078E-01	-.98564E-03	.37214E-01	-.36693E-04
123	-.39985E-01	-.74953E-03	.37255E-01	-.41217E-04
124	-.39879E-01	-.48423E-03	.37297E-01	-.46363E-04
125	-.39740E-01	-.18476E-03	.37338E-01	-.52373E-04
126	-.39470E-01	.38171E-03	.37408E-01	-.59030E-04
127	-.39185E-01	.98125E-03	.37474E-01	-.59389E-04
128	-.38647E-01	.21938E-02	.37610E-01	-.47475E-04
129	-.38288E-01	.30438E-02	.37735E-01	-.30266E-04
130	-.38091E-01	.35611E-02	.37871E-01	-.10466E-04
131	-.38131E-01	.34807E-02	.38077E-01	.10262E-04
132	-.38330E-01	.28538E-02	.38258E-01	.15505E-04
133	-.38505E-01	.22156E-02	.38417E-01	.12753E-04
134	-.38615E-01	.17206E-02	.38545E-01	.10039E-04
135	-.38689E-01	.13036E-02	.38648E-01	.91081E-05
136	-.38742E-01	.89769E-03	.38724E-01	.92312E-05
137	-.38773E-01	.49931E-03	.38768E-01	.91729E-05
138	-.38795E-01	.75527E-04	.38795E-01	.95842E-05
139	-.38795E-01	.93429E-05	.38795E-01	.93678E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8100E+01

FIM	R-ORD	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RT-STRESS	ZT-STRESS	MAX-STRESS	MIN-STRESS	ANGLE IN	JK-STRESS	JK-SHEAR
	Z-ORD	R-STRAIN	Z-STRAIN	T-STRAIN	RZ-STRAIN	RT-STRAIN	ZT-STRAIN	MAX-STRAIN	MIN-STRAIN	RZ-PLANE		

1	72.00	-5.30E-03	-3.71E-02	-1.20E-07	-1.38E+00	-3.12E-03	1.39E+00	1.36E+00	-1.40E+00	-44.67	-5.30E-03	-1.38E+00	
	-303.00	4.66E-07	-9.80E-07	1.61E-07	-1.26E-04	-3.63E-07	1.26E-04	6.25E-05	-6.30E-05				
2	72.00	-1.50E-02	-5.08E-02	3.51E-03	-1.15E+00	-3.88E-05	1.18E+00	1.12E+00	-1.16E+00	-44.56	-1.50E-02	-1.15E+00	
	-213.00	1.26E-07	-1.50E-06	9.69E-07	-1.05E-04	-3.53E-09	1.07E-04	5.16E-05	-5.30E-05				
3	72.00	-1.77E-01	-5.84E-02	2.49E-02	-7.61E-01	6.53E-02	8.25E-01	6.45E-01	-8.80E-01	-47.22	-1.77E-01	-7.61E-01	
	-138.00	-2.91E-06	-2.25E-07	1.67E-06	-3.46E-05	2.97E-06	3.75E-05	1.58E-05	-1.89E-05				
4	24.00	-8.20E-01	-4.22E-01	-5.22E-01	-1.40E+00	2.17E-01	1.52E+00	7.96E-01	-2.04E+00	-49.03	-8.20E-01	-1.40E+00	
	-68.00	-1.22E-05	3.35E-06	-6.30E-07	-1.08E-04	1.67E-05	1.17E-04	5.00E-05	-5.90E-05				
5	-72.00	2.67E-01	1.19E-01	2.97E-01	-6.19E-01	-3.65E-02	6.73E-01	8.16E-01	-4.32E-01	-41.56	1.18E-01	6.19E-01	
	-88.00	2.88E-06	-2.86E-06	3.67E-06	-4.77E-05	-2.81E-06	5.18E-05	2.40E-05	-2.40E-05				
6	120.00	1.44E-01	1.46E-01	1.96E-01	-1.19E+00	-6.44E-02	1.19E+00	1.34E+00	-1.05E+00	-45.03	-1.03E+00	2.17E-01	
	-68.00	1.85E-07	2.86E-07	2.20E-06	-9.19E-05	-4.96E-06	9.16E-05	4.62E-05	-4.57E-05				
7	36.25	-3.29E-01	-1.31E-01	-9.25E-02	-6.51E-01	8.49E-02	6.26E-01	4.28E-01	-8.88E-01	-49.34	-3.07E-01	-6.54E-01	
	-19.00	-6.59E-06	1.05E-06	2.51E-06	-5.01E-05	6.53E-06	4.81E-05	2.25E-05	-2.81E-05				
8	108.00	3.17E-02	6.62E-02	1.03E-01	-5.02E-01	-6.25E-03	5.52E-01	5.51E-01	-4.53E-01	-45.99	3.17E-02	-5.02E-01	
	-19.00	-9.88E-07	3.41E-07	1.75E-06	-3.86E-05	-4.81E-07	4.25E-05	1.90E-05	-1.96E-05				
9	216.00	-7.45E-02	-1.02E-01	-5.70E-02	-1.38E+00	8.14E-03	1.40E+00	1.29E+00	-1.47E+00	-44.71	-7.45E-02	-1.38E+00	
	-303.00	-3.49E-07	-1.63E-06	4.48E-07	-1.25E-04	7.40E-07	1.28E-04	6.17E-05	-6.36E-05				
10	216.00	-1.07E-01	-1.02E-01	-3.73E-02	-1.18E+00	2.85E-02	1.22E+00	1.08E+00	-1.29E+00	-45.05	-1.07E-01	-1.18E+00	
	-213.00	-1.65E-06	-1.46E-06	1.50E-06	-1.07E-04	2.59E-06	1.11E-04	5.22E-05	-5.53E-05				
11	216.00	-1.80E-01	-8.25E-02	5.35E-02	-9.03E-01	9.31E-02	9.53E-01	7.73E-01	-1.04E+00	-46.55	-1.80E-01	-9.03E-01	
	-138.00	-3.00E-06	-7.78E-07	2.31E-06	-4.11E-05	4.23E-06	4.33E-05	1.87E-05	-2.24E-05				
12	168.00	-4.03E-01	-3.46E-01	-2.62E-01	-1.36E+00	1.78E-01	1.38E+00	9.84E-01	-1.73E+00	-45.60	-4.03E-01	-1.36E+00	
	-68.00	-4.60E-06	-2.42E-06	1.57E-06	-1.04E-04	1.37E-05	1.06E-04	4.87E-05	-5.57E-05				
13	216.00	3.73E-01	1.24E-01	3.37E-01	-5.63E-01	-2.05E-02	5.99E-01	8.25E-01	-3.28E-01	-38.76	1.24E-01	5.63E-01	
	-88.00	5.18E-06	-4.40E-06	3.80E-06	-4.33E-05	-1.58E-06	4.61E-05	2.26E-05	-2.18E-05				
14	264.00	-9.74E-03	1.30E-01	1.61E-01	-1.17E+00	-2.20E-02	1.22E+00	1.23E+00	-1.11E+00	-46.71	-1.08E+00	2.80E-01	
	-68.00	-3.47E-06	1.90E-06	3.11E-06	-9.01E-05	-1.69E-06	9.35E-05	4.44E-05	-4.59E-05				
15	180.00	-1.40E-01	-2.70E-02	3.23E-02	-5.74E-01	1.21E-01	5.56E-01	4.93E-01	-6.60E-01	-47.82	-1.40E-01	-5.74E-01	
	-19.00	-3.91E-06	4.45E-07	2.72E-06	-4.41E-05	9.28E-06	4.28E-05	2.04E-05	-2.39E-05				
16	252.00	-8.22E-02	4.32E-02	1.12E-01	-4.78E-01	4.31E-02	5.83E-01	4.62E-01	-5.02E-01	-48.74	-8.22E-02	-4.78E-01	
	-19.00	-3.97E-06	8.58E-07	3.51E-06	-3.68E-05	3.32E-06	4.48E-05	1.70E-05	-2.01E-05				
17	361.00	-1.02E-01	-1.62E-01	-8.86E-02	-1.39E+00	6.62E-04	1.44E+00	1.26E+00	-1.52E+00	-44.38	-1.02E-01	-1.39E+00	
	-303.00	-4.85E-08	-2.79E-06	5.49E-07	-1.26E-04	6.02E-08	1.30E-04	6.17E-05	-6.46E-05				
18	361.00	-1.32E-01	-1.45E-01	-5.99E-02	-1.24E+00	1.41E-02	1.28E+00	1.10E+00	-1.38E+00	-44.85	-1.32E-01	-1.24E+00	
	-213.00	-1.62E-06	-2.22E-06	1.65E-06	-1.13E-04	1.28E-06	1.16E-04	5.44E-05	-5.82E-05				
19	361.00	-2.02E-01	-1.07E-01	6.09E-02	-9.63E-01	7.82E-02	1.08E+00	8.09E-01	-1.12E+00	-46.41	-2.02E-01	-9.63E-01	
	-138.00	-3.29E-06	-1.14E-06	2.69E-06	-4.38E-05	3.55E-06	4.89E-05	1.97E-05	-2.41E-05				
20	312.00	-7.12E-01	-5.36E-01	-4.03E-01	-1.53E+00	3.04E-01	1.64E+00	9.11E-01	-2.16E+00	-46.64	-7.12E-01	-1.53E+00	
	-68.00	-9.23E-06	-2.48E-06	2.63E-06	-1.18E-04	2.34E-05	1.26E-04	5.32E-05	-6.49E-05				
21	360.67	6.21E-01	3.21E-01	5.25E-01	-7.32E-01	-8.13E-02	8.71E-01	1.22E+00	-2.76E-01	-39.20	3.21E-01	7.32E-01	
	-88.00	7.78E-06	-3.77E-06	4.06E-06	-5.63E-05	-6.25E-06	6.70E-05	3.07E-05	-2.67E-05				
22	409.33	-3.91E-01	-5.22E-01	-2.35E-01	-1.47E+00	-3.60E-03	1.82E+00	1.01E+00	-1.93E+00	-43.73	-1.91E+00	2.40E-01	
	-68.00	-2.43E-06	-7.45E-06	3.58E-06	-1.13E-04	-2.77E-07	1.40E-04	5.16E-05	-6.15E-05				
23	324.00	-2.81E-01	-6.10E-02	2.94E-02	-5.94E-01	2.15E-01	5.91E-01	4.33E-01	-7.76E-01	-50.25	-2.81E-01	-5.94E-01	
	-19.00	-7.38E-06	1.09E-06	4.57E-06	-4.57E-05	1.65E-05	4.54E-05	2.01E-05	-2.64E-05				
24	372.00	-1.42E-01	1.59E-01	1.96E-01	-1.55E+00	2.07E-01	1.67E+00	1.57E+00	-1.55E+00	-47.77	-1.42E-01	-1.55E+00	
	-9.33	-7.82E-06	3.79E-06	5.20E-06	-1.20E-04	1.59E-05	1.29E-04	5.80E-05	-6.21E-05				
25	401.25	-9.85E-02	1.51E-03	1.70E-01	-5.13E-01	6.74E-02	6.92E-01	4.67E-01	-5.64E-01	-47.78	3.89E-01	-2.73E-01	
	-19.00	-4.59E-06	-7.44E-07	5.74E-06	-3.95E-05	4.80E-06	5.32E-05	1.72E-05	-2.25E-05				
26	427.67	-7.23E-01	-6.11E-01	-3.64E-01	-1.76E+00	2.84E-01	2.38E+00	1.09E+00	-2.43E+00	-45.91	-1.75E+00	-1.39E+00	
	-9.33	-9.16E-06	-4.84E-06	4.67E-06	-1.35E-04	2.19E-05	1.83E-04	6.07E-05	-7.47E-05				
27	457.00	-1.24E-01	-2.44E-01	-1.31E-01	-1.40E+00	-1.26E-02	1.44E+00	1.22E+00	-1.58E+00	-43.78	-1.24E-01	-1.40E+00	
	-303.00	8.34E-07	-4.60E-06	5.35E-07	-1.27E-04	-1.14E-06	1.31E-04	6.18E-05	-6.56E-05				
28	457.00	-1.20E-01	-1.60E-01	-6.72E-02	-1.30E+00	-1.93E-02	1.32E+00	1.16E+00	-1.44E+00	-44.55	-1.20E-01	-1.30E+00	
	-213.00	-9.27E-07	-2.79E-06	1.45E-06	-1.18E-04	-1.75E-06	1.20E-04	5.73E-05	-6.10E-05				
29	457.00	-3.18E-01	-1.67E-01	-1.63E-02	-1.01E+00	-9.40E-02	1.12E+00	7.73E-01	-1.26E+00	-47.13	-3.18E-01	-1.01E+00	
	-138.00	-4.60E-06	-1.17E-06	2.26E-06	-4.61E-05	-4.27E-06	5.09E-05	2.02E-05	-2.60E-05				
30	442.00	-3.59E-01	-8.07E-01	-3.46E-01	-1.72E+00	-8.35E-02	1.86E+00	1.15E+00	-2.32E+00	-41.29	-3.59E-01	-1.72E+00	
	-68.00	2.80E-06	-1.44E-05	3.31E-06	-1.32E-04	-6.42E-06	1.43E-04	6.09E-05	-7.25E-05				
31	457.33	2.04E+00	9.37E-01	1.27E+00	-6.14E-01	-9.94E-01	1.01E+00	2.32E+00	6.64E-01	-23.98	9.37E-01	6.14E-01	
	-88.00	[illegible]19E-05	-1.07E-05	2.16E-06	-4.72E-05	-7.65E-05	[illegible]-05	4.24E-05	-2.12E-05				
32	472	[illegible]33E+00	-2.76E+00	-2.36E+00	-1.49E+00	5.62E-01	[illegible]+00	-1.53E+00	-4.56E+00	-50.39	-4.22E+00	-9.5[illegible]	

	-68.0	[illegible].52E-05	-1.34E-05	2.09E-06	-1.14E-04	4.32E-05	[illegible]E-04	3.40E-05	-8.25E-05					
33	443.0[illegible]	3.33E-01	-2.60E-01	-2.42E-02	-8.70E-01	8.27E-02	[illegible]E-01	5.75E-01	-1.17E+00	-46.21	-3.33E-01	-8.70[illegible]		
	-10.50	-6.03E-06	-3.21E-06	5.84E-06	-6.70E-05	6.36E-06	7.10E-05	2.89E-05	-3.81E-05					
34	454.00	-2.63E+00	-1.53E+00	-1.67E+00	-2.22E+00	6.67E-01	3.03E+00	-3.81E-02	-4.53E+00	-49.48	-3.51E+00	-1.88E+00		
	-11.33	-3.28E-05	-5.86E-06	4.38E-06	-1.71E-04	5.13E-05	2.33E-04	6.71E-05	-1.06E-04					
35	461.67	-6.49E-01	-7.86E-01	-4.17E-01	-2.10E+00	1.62E-01	3.12E+00	1.39E+00	-2.82E+00	-44.07	-6.49E-01	-2.10E+00		
	-12.00	-4.62E-06	-9.87E-06	4.31E-06	-1.62E-04	1.24E-05	2.40E-04	7.37E-05	-8.82E-05					
36	469.00	1.57E+00	5.92E-01	1.04E+00	-2.16E-01	-8.91E-01	1.25E+00	1.61E+00	2.47E-01	-11.97	5.92E-01	2.16E-01		
	-30.00	2.52E-05	-1.23E-05	4.72E-06	-1.66E-05	-6.86E-05	9.65E-05	2.69E-05	-1.41E-05					
37	476.33	-1.23E+00	-1.65E+00	-9.82E-01	-1.43E+00	1.75E-01	2.88E+00	2.95E-03	-2.88E+00	-40.81	-1.80E+00	-1.40E+00		
	-12.00	-4.84E-06	-2.10E-05	4.65E-06	-1.10E-04	1.35E-05	1.98E-04	4.25E-05	-6.84E-05					
38	488.50	6.31E-02	-4.27E-02	1.36E-02	-1.31E+00	-4.99E-02	1.35E+00	1.32E+00	-1.30E+00	-43.84	6.31E-02	-1.31E+00		
	-303.00	2.43E-06	-2.38E-06	1.75E-07	-1.19E-04	-4.54E-06	1.23E-04	5.95E-05	-5.95E-05					
39	558.50	-5.34E-02	-2.29E-01	-1.06E-01	-1.30E+00	-1.02E-01	1.32E+00	1.16E+00	-1.45E+00	-43.06	-5.34E-02	-1.30E+00		
	-213.00	2.62E-06	-5.38E-06	2.44E-07	-1.18E-04	-9.23E-06	1.20E-04	5.78E-05	-6.05E-05					
40	506.17	1.49E-02	-4.81E-01	-5.25E-02	-2.88E+00	-3.22E-01	2.78E+00	2.66E+00	-3.13E+00	-42.59	1.49E-02	-2.88E+00		
	-128.00	3.06E-06	-8.22E-06	1.53E-06	-1.31E-04	-1.46E-05	1.27E-04	6.32E-05	-6.83E-05					
41	558.50	8.68E-01	-3.21E-01	1.01E-01	-1.26E+00	-8.41E-01	1.82E+00	1.67E+00	-1.12E+00	-32.41	-3.21E-01	1.26E+00		
	-148.00	1.63E-05	-1.07E-05	-1.11E-06	-5.75E-05	-3.82E-05	8.29E-05	3.46E-05	-2.89E-05					
42	610.83	-1.94E-01	-5.57E-01	-2.83E-01	-2.51E+00	-5.31E-01	2.17E+00	2.15E+00	-2.90E+00	-42.94	-2.85E+00	4.85E-01		
	-128.00	1.01E-06	-7.23E-06	-1.01E-06	-1.14E-04	-2.42E-05	9.86E-05	5.42E-05	-6.04E-05					
43	501.38	2.09E-01	1.91E-02	1.89E-01	-6.53E-01	-3.05E-01	8.10E-01	7.74E-01	-5.46E-01	-40.86	2.09E-01	-6.53E-01		
	-78.00	3.46E-06	-3.85E-06	2.68E-06	-5.02E-05	-2.35E-05	6.23E-05	2.52E-05	-2.56E-05					
44	534.67	-4.26E-01	-3.81E-01	-3.09E-01	-2.09E+00	-1.88E-01	2.67E+00	1.68E+00	-2.49E+00	-45.31	-2.45E+00	3.84E-01		
	-68.00	-4.12E-06	-2.39E-06	3.78E-07	-1.60E-04	-1.44E-05	2.05E-04	7.70E-05	-8.35E-05					
45	584.67	3.67E-01	1.90E-01	2.35E-01	-2.00E+00	-5.82E-01	1.70E+00	2.28E+00	-1.72E+00	-43.73	3.67E-01	-2.00E+00		
	-68.00	5.41E-06	-1.40E-06	3.45E-07	-1.94E-04	-4.47E-05	1.30E-04	7.89E-05	-7.49E-05					
46	610.83	2.00E+00	5.20E-01	9.07E-01	-1.09E+00	-9.87E-01	1.41E+00	2.58E+00	-5.78E-02	-27.92	5.20E-01	1.09E+00		
	-88.00	3.92E-05	-1.76E-05	-2.77E-06	-8.38E-05	-7.59E-05	1.08E-04	6.15E-05	-3.99E-05					
47	582.63	7.75E-02	-6.94E-02	2.21E-01	-4.67E-01	-2.75E-01	9.32E-01	4.77E-01	-4.69E-01	-40.53	7.75E-02	-4.67E-01		
	-21.00	4.62E-07	-5.19E-06	5.98E-06	-3.59E-05	-2.12E-05	7.17E-05	1.58E-05	-2.05E-05					
48	485.83	-4.90E-01	-7.04E-01	-3.30E-01	-1.35E+00	-3.79E-02	2.88E+00	7.59E-01	-1.95E+00	-42.73	-6.65E-01	-1.35E+00		
	-12.00	-2.09E-06	-1.03E-05	4.05E-06	-1.04E-04	-2.91E-06	2.21E-04	4.59E-05	-5.84E-05					
49	507.88	-2.51E-02	4.63E-02	1.88E-01	-5.12E-01	-1.82E-01	1.04E+00	5.24E-01	-5.02E-01	-46.99	-2.51E-02	-5.12E-01		
	-21.00	-3.27E-06	-5.24E-07	4.94E-06	-3.94E-05	-1.40E-05	7.98E-05	1.78E-05	-2.16E-05					
50	538.67	-4.31E-01	-1.44E-01	-1.85E-01	-1.84E+00	-7.32E-01	2.29E+00	1.56E+00	-2.13E+00	-47.23	-2.11E+00	3.21E-01		
	-10.00	-8.23E-06	2.81E-06	1.24E-06	-1.42E-04	-5.63E-05	1.76E-04	6.83E-05	-7.37E-05					
51	484.67	6.16E+00	4.26E+00	4.44E+00	1.12E-01	-5.07E-01	2.96E-01	6.16E+00	4.25E+00	3.37	4.26E+00	-1.12E-01		
	8.00	7.35E-05	4.50E-07	7.64E-06	8.65E-06	-3.90E-05	2.28E-05	7.38E-05	1.95E-07					
52	507.00	-1.64E+00	-1.93E+00	-1.23E+00	-1.07E+00	-3.41E-01	-1.00E+00	-7.02E-01	-2.87E+00	-41.13	-2.65E+00	-6.56E-01		
	9.00	-1.03E-05	-2.15E-05	5.47E-06	-8.26E-05	-2.62E-05	-7.72E-05	2.58E-05	-5.76E-05					
53	603.00	-8.44E-02	-4.42E-03	-1.16E-01	-7.81E-01	-3.99E-01	7.19E-01	7.37E-01	-8.26E-01	-46.47	4.11E-01	-6.35E-01		
	-18.00	-9.94E-07	2.08E-06	-2.22E-06	-6.01E-05	-3.07E-05	5.53E-05	3.06E-05	-2.95E-05					
54	712.00	8.24E-02	-1.41E-01	-4.42E-02	-1.23E+00	-1.11E-01	1.07E+00	1.20E+00	-1.26E+00	-42.40	8.24E-02	-1.23E+00		
	-303.00	5.07E-06	-5.06E-06	-6.78E-07	-1.12E-04	-1.01E-05	9.76E-05	5.60E-05	-5.60E-05					
55	712.00	6.70E-01	3.44E-01	3.17E-01	-1.34E+00	-3.61E-01	1.05E+00	1.86E+00	-8.45E-01	-41.54	6.70E-01	-1.34E+00		
	-213.00	1.32E-05	-1.63E-06	-2.89E-06	-1.22E-04	-3.29E-05	9.55E-05	6.72E-05	-5.57E-05					
56	712.00	8.88E-01	4.11E-01	1.04E-01	-1.02E+00	-8.75E-01	7.73E-01	1.70E+00	-3.96E-01	-38.42	8.88E-01	-1.02E+00		
	-138.00	1.28E-05	1.99E-06	-4.99E-06	-4.63E-05	-3.98E-05	3.52E-05	3.12E-05	-1.64E-05					
57	712.00	2.00E-01	-4.90E-02	-1.45E-01	-6.43E-01	-3.68E-01	6.77E-01	7.31E-01	-5.79E-01	-39.51	2.00E-01	-6.43E-01		
	-78.00	7.63E-06	-1.96E-06	-5.64E-06	-4.95E-05	-2.83E-05	5.21E-05	2.80E-05	-2.23E-05					
58	712.00	2.80E-01	1.99E-01	-3.83E-02	-8.60E-01	-3.40E-01	7.50E-01	1.10E+00	-6.22E-01	-43.66	2.80E-01	-8.60E-01		
	-18.00	5.91E-06	2.82E-06	-6.31E-06	-6.62E-05	-2.62E-05	5.77E-05	3.75E-05	-2.88E-05					
59	837.00	3.46E+00	1.91E+00	2.15E+00	-1.02E+00	-5.24E-01	8.73E-01	3.97E+00	1.40E+00	-26.40	1.91E+00	1.02E+00		
	-318.00	5.98E-05	-1.09E-05	.00E+00	-9.31E-05	-4.76E-05	7.93E-05	8.29E-05	-3.40E-05					
60	887.00	4.95E-01	2.67E-02	2.09E-01	-2.73E+00	-2.35E-01	1.84E+00	3.00E+00	-2.48E+00	-42.55	-2.26E+00	1.08E+00		
	-288.00	1.30E-05	-8.27E-06	.00E+00	-2.48E-04	-2.13E-05	1.67E-04	1.27E-04	-1.22E-04					
61	987.00	-6.16E-01	-4.34E-01	-4.20E-01	-2.76E+00	6.47E-02	1.55E+00	2.24E+00	-3.25E+00	-45.94	-6.16E-01	-2.76E+00		
	-288.00	-8.91E-06	-6.30E-07	.00E+00	-2.51E-04	5.88E-06	1.41E-04	1.21E-04	-1.30E-04					
62	1037.00	3.39E+00	2.02E+00	2.16E+00	-2.02E+00	-3.54E-01	1.18E+00	4.84E+00	5.72E-01	-35.65	2.02E+00	2.02E+00		
	-318.00	5.57E-05	-6.50E-06	.00E+00	-1.84E-04	-3.22E-05	1.07E-04	1.21E-04	-7.23E-05					
63	862.00	5.48E-02	2.11E-02	-1.31E-01	-1.37E+00	-8.88E-02	9.34E-01	1.41E+00	-1.34E+00	-44.65	5.48E-02	-1.37E+00		
	-213.00	3.20E-06	1.67E-06	-5.23E-06	-1.25E-04	-8.07E-06	8.49E-05	6.49E-05	-6.00E-05					
64	1012.00	-2.16E-01	-1.40E-01	-3.17E-01	-1.47E+00	8.02E-03	8.78E-01	1.30E+00	-1.65E+00	-45.74	-2.16E-01	-1.47E+00		

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	-213.00	-1.10E-06	2.38E-06	-5.65E-06	-1.34E-04	7.25E-07	7.58E-05	6.77E-05	-6.64E-05				
65	837.00	4.74E-02	1.05E-01	-4.543E-01	-1.04E+00	-5.68E-01	1.04E+00	1.12E+00	-9.68E-01	-45.80	1.05E-01	1.04E+00	
	-148.00	2.71E-06	4.03E-06	-9.93E-06	-4.74E-05	-2.58E-05	4.73E-05	2.71E-05	-2.04E-05				
66	937.00	1.76E-01	7.54E-02	-3.80E-01	-1.81E+00	-2.11E-01	1.09E+00	1.93E+00	-1.68E+00	-44.20	-1.16E+00	1.27E+00	
	-128.00	4.68E-06	2.35E-06	-7.96E-06	-8.21E-05	-9.59E-06	4.98E-05	4.46E-05	-3.75E-05				
67	1037.00	1.71E+00	4.58E-01	1.66E-01	-1.76E+00	-6.11E-01	1.39E+00	2.95E+00	-7.80E-01	-35.17	4.58E-01	1.76E+00	
	-148.00	2.67E-05	-1.85E-06	-8.50E-06	-7.99E-05	-2.78E-05	6.31E-05	5.49E-05	-3.00E-05				
68	837.00	6.29E-01	6.08E-01	2.24E-01	-1.97E+00	-4.58E-01	1.17E+00	2.59E+00	-1.35E+00	-44.85	6.29E-01	-1.97E+00	
	-68.00	8.13E-06	7.33E-06	-7.43E-06	-1.52E-04	-3.52E-05	9.03E-05	8.35E-05	-6.80E-05				
69	937.00	6.17E-01	-1.94E-01	-2.22E-01	-1.11E+00	-4.38E-01	9.05E-01	1.39E+00	-9.71E-01	-34.98	-1.94E-01	1.11E+00	
	-88.00	2.15E-05	-9.65E-06	-1.08E-05	-8.55E-05	-3.37E-05	6.96E-05	5.14E-05	-3.96E-05				
70	1037.00	-2.61E-03	-1.85E-01	-4.29E-01	-1.89E+00	1.50E-01	1.93E+00	1.80E+00	-1.98E+00	-43.62	-1.46E+00	1.30E+00	
	-68.00	6.67E-06	-3.32E-07	-9.72E-06	-1.45E-04	1.15E-05	1.49E-04	7.59E-05	-6.95E-05				
71	862.00	4.21E-01	2.70E-01	-9.11E-02	-8.50E-01	-3.78E-01	7.18E-01	1.20E+00	-5.08E-01	-42.46	4.21E-01	-8.50E-01	
	-18.00	9.60E-06	3.79E-06	-1.01E-05	-6.54E-05	-2.90E-05	5.52E-05	3.95E-05	-2.61E-05				
72	1012.00	-2.05E-01	-2.36E-01	-5.76E-01	-9.05E-01	7.22E-02	5.93E-01	6.83E-01	-1.13E+00	-44.58	-2.09E-01	-9.05E-01	
	-18.00	3.19E-06	2.16E-06	-1.10E-05	-6.96E-05	5.55E-06	4.56E-05	3.75E-05	-3.21E-05				
73	1387.00	-2.03E-01	-2.24E-01	-2.32E-01	-1.07E+00	-7.10E-03	3.97E-01	8.53E-01	-1.28E+00	-44.72	-2.03E-01	-1.07E+00	
	-303.00	-6.64E-07	-1.62E-06	-1.98E-06	-9.69E-05	-6.45E-07	3.61E-05	4.73E-05	-4.96E-05				
74	1387.00	-4.75E-02	-6.09E-03	-2.09E-01	-1.14E+00	-3.01E-02	4.19E-01	1.11E+00	-1.16E+00	-45.52	-4.75E-02	-1.14E+00	
	-213.00	1.25E-06	2.13E-06	-6.09E-06	-1.03E-04	-2.74E-06	3.81E-05	5.39E-05	-4.95E-05				
75	1387.00	-4.77E-03	-1.21E-01	-5.39E-01	-8.41E-01	-8.03E-02	2.55E-01	7.80E-01	-9.06E-01	-43.03	-4.77E-03	-8.41E-01	
	-138.00	3.38E-06	7.43E-07	-8.77E-06	-3.82E-05	-3.65E-06	1.16E-05	2.12E-05	-1.71E-05				
76	1187.00	3.61E-01	2.57E-01	-6.20E-02	-1.23E+00	-2.90E-01	-8.79E-03	1.54E+00	-9.21E-01	-43.78	3.61E-01	-1.23E+00	
	-68.00	7.78E-06	3.77E-06	-8.49E-06	-9.46E-05	-2.23E-05	-6.76E-07	5.31E-05	-4.15E-05				
77	1387.00	4.20E-01	3.21E-01	-1.18E-01	-6.93E-01	-2.04E-01	4.24E-01	1.07E+00	-3.24E-01	-42.96	3.21E-01	6.93E-01	
	-88.00	9.30E-06	5.51E-06	-1.14E-05	-5.33E-05	-1.57E-05	8.26E-05	3.41E-05	-1.93E-05				
78	1587.00	2.13E-03	-1.20E-02	-3.66E-01	-8.07E-01	5.18E-02	6.90E-02	8.02E-01	-8.12E-01	-44.75	-3.22E-01	7.42E-01	
	-68.00	4.22E-06	3.67E-06	-9.95E-06	-6.21E-05	3.96E-06	5.31E-06	3.50E-05	-2.71E-05				
79	1237.00	5.07E-01	2.02E-01	-1.30E-01	-7.12E-01	-2.65E-01	2.97E-01	1.08E+00	-3.74E-01	-38.95	5.07E-01	-7.12E-01	
	-18.00	1.31E-05	1.39E-06	-1.13E-05	-5.48E-05	-2.04E-05	2.29E-05	3.53E-05	-2.08E-05				
80	1433.80	3.05E-01	1.59E-01	-2.35E-01	-8.28E-01	-7.43E-02	1.94E-01	1.06E+00	-5.99E-01	-42.49	3.05E-01	-8.28E-01	
	-8.00	9.21E-06	3.60E-06	-1.15E-05	-6.37E-05	-5.71E-06	1.49E-05	3.84E-05	-2.59E-05				
81	1533.80	4.92E-01	1.30E-01	-1.57E-01	-5.15E-01	-3.18E-02	1.29E-01	8.57E-01	-2.35E-01	-35.32	1.30E-01	5.15E-01	
	-28.00	1.38E-05	-1.10E-07	-1.11E-05	-3.96E-05	-2.45E-06	9.90E-06	2.79E-05	-1.42E-05				
82	1633.80	4.63E-01	1.31E-01	-1.43E-01	-1.61E-01	7.36E-02	-1.78E-02	5.28E-01	6.63E-02	-22.02	6.66E-02	1.14E-02	
	-8.00	1.29E-05	8.52E-08	-1.05E-05	-1.24E-05	5.66E-06	-1.37E-06	1.54E-05	-2.43E-06				
83	1433.80	2.13E+00	9.39E-01	7.67E-01	-5.73E-01	-5.67E-01	1.77E-01	2.36E+00	7.09E-01	-21.88	9.39E-01	5.73E-01	
	27.60	3.99E-05	-6.09E-06	-1.27E-05	-4.40E-05	-4.36E-05	1.36E-05	4.88E-05	-1.49E-05				
84	1296.10	7.42E-01	1.04E-01	-1.24E-01	-6.12E-01	-2.88E-01	3.00E-01	1.11E+00	-2.67E-01	-31.21	4.77E-01	6.88E-01	
	40.70	2.06E-05	-3.95E-06	-1.27E-05	-4.71E-05	-2.21E-05	2.31E-05	3.49E-05	-1.82E-05				
85	1148.60	3.13E-01	-1.44E-01	-3.39E-01	-7.52E-01	-3.01E-01	-4.27E-02	8.71E-01	-7.02E-01	-36.54	-5.78E-01	-4.23E-01	
	57.33	1.39E-05	-3.68E-06	-1.12E-05	-5.79E-05	-2.32E-05	-3.29E-06	3.54E-05	-2.51E-05				
86	1131.40	2.71E+00	1.28E+00	1.03E+00	-3.07E-01	-1.12E+00	-4.29E-02	2.77E+00	1.22E+00	-11.64	1.28E+00	3.07E-01	
	112.00	4.90E-05	-5.76E-06	-1.57E-05	-2.36E-05	-8.63E-05	-3.30E-06	5.15E-05	-8.19E-06				
87	1019.80	8.07E-01	3.38E-01	-2.60E-04	-8.71E-01	-4.95E-01	1.32E+00	1.47E+00	-3.29E-01	-37.45	3.38E-01	8.71E-01	
	34.67	1.85E-05	4.08E-07	-1.26E-05	-6.70E-05	-3.81E-05	1.01E-04	4.41E-05	-2.52E-05				
88	886.60	3.33E-01	1.36E-01	-2.05E-01	-6.79E-01	-2.36E-01	6.89E-01	9.21E-01	-4.51E-01	-40.86	3.33E-01	-6.79E-01	
	46.00	9.92E-06	2.32E-06	-1.08E-05	-5.22E-05	-1.81E-05	5.30E-05	3.25E-05	-2.03E-05				
89	869.80	1.68E+00	6.98E-01	4.53E-01	-3.57E-01	-7.62E-01	7.47E-02	1.79E+00	5.81E-01	-18.05	6.98E-01	3.57E-01	
	96.00	3.34E-05	-4.24E-06	-1.37E-05	-2.75E-05	-5.86E-05	5.75E-06	3.79E-05	-8.71E-06				
90	952.60	2.32E-01	-8.28E-01	-6.92E-01	-1.04E+00	-3.24E-01	7.49E-01	8.67E-01	-1.46E+00	-31.46	-1.18E+00	7.65E-01	
	128.00	2.31E-05	-1.77E-05	-1.25E-05	-7.98E-05	-2.49E-05	5.76E-05	4.75E-05	-4.21E-05				
91	869.80	4.85E-01	1.18E-01	-1.57E-01	-4.37E-01	-3.71E-01	4.22E-02	7.76E-01	-1.73E-01	-33.63	4.85E-01	-4.37E-01	
	160.00	1.37E-05	-3.54E-07	-1.09E-05	-3.36E-05	-2.86E-05	3.25E-06	2.49E-05	-1.15E-05				
92	869.80	2.39E+00	7.70E-01	6.65E-01	-2.68E-01	-1.42E+00	2.84E-01	2.43E+00	7.27E-01	-9.19	7.70E-01	2.68E-01	
	203.60	4.98E-05	-1.24E-05	-1.64E-05	-2.06E-05	-1.09E-04	2.18E-05	5.14E-05	-1.40E-05				
93	898.67	-1.16E-01	3.27E-02	-1.93E-01	-1.33E+00	-1.03E+00	1.58E+00	1.29E+00	-1.37E+00	-46.61	3.27E-02	1.33E+00	
	16.00	-1.44E-06	4.29E-06	-4.37E-06	-1.02E-04	-7.95E-05	1.22E-04	5.26E-05	-4.97E-05				
94	645.75	1.96E-01	1.49E-01	-3.45E-02	-8.55E-01	-4.00E-01	7.11E-01	1.03E+00	-6.83E-01	-44.21	1.96E-01	-8.55E-01	
	24.00	4.13E-06	2.31E-06	-4.73E-06	-6.57E-05	-3.08E-05	5.47E-05	3.61E-05	-2.97E-05				
95	613.10	3.44E-01	5.74E-01	2.82E-01	-1.47E+00	-4.62E-01	-1.67E-01	1.94E+00	-1.02E+00	-47.23	3.44E-01	-1.47E+00	
	69.33	[illegible]68E-09	8.88E-06	-2.36E-06	-1.13E-04	-3.55E-05	-1[illegible]-05	6.13E-05	-5.23E-05				
96	708.[illegible]	[illegible]6E-01	1.10E-01	-8.34E-02	-6.92E-01	-4.18E-01	[illegible]-01	9.6[illegible]E-01	-4.53E-01	-39.17	5.36E-01	6.4[illegible]	

	55.00	[illegible]06E-05	-4.06E-07	-7.86E-06	-5.32E-05	-3.21E-05	[illegible]-05	3.23E-05	-2.21E-05					
97	613.10	[illegible].19E+00	4.62E-01	3.40E-01	-4.71E-01	-1.52E+00	[illegible]-01	1.42E+00	2.30E-01	-26.25	4.62E-01	4.71E[illegible]		
	96.00	2.38E-05	-4.07E-06	-8.76E-06	-3.63E-05	-1.17E-04	2.64E-05	3.27E-05	-1.30E-05					
98	682.27	4.64E-01	1.79E-01	-2.92E-02	-9.31E-01	-4.68E-01	4.44E-01	1.27E+00	-6.24E-01	-40.67	-4.94E-01	4.79E-01		
	112.00	1.11E-05	1.45E-07	-7.87E-06	-7.19E-05	-3.60E-05	3.41E-05	4.20E-05	-3.07E-05					
99	751.43	1.49E+00	-2.80E-01	8.52E-02	-1.05E+00	-9.59E-01	1.35E+00	1.98E+00	-7.67E-01	-24.90	-2.80E-01	1.05E+00		
	96.00	4.31E-05	-2.50E-05	-1.10E-05	-8.06E-05	-7.38E-05	1.04E-04	6.18E-05	-4.37E-05					
100	683.25	3.33E-01	4.23E-02	-1.68E-01	-3.50E-01	-3.65E-01	5.16E-01	5.66E-01	-1.91E-01	-33.71	3.33E-01	-3.50E-01		
	152.00	1.05E-05	-6.56E-07	-8.73E-06	-2.69E-05	-2.81E-05	3.97E-05	1.95E-05	-9.63E-06					
101	648.67	1.99E+00	8.61E-01	6.98E-01	-1.92E-01	-1.06E+00	2.42E-01	2.02E+00	8.30E-01	-9.41	8.61E-01	1.92E-01		
	192.00	3.75E-05	-5.66E-06	-1.21E-05	-1.48E-05	-8.14E-05	1.86E-05	3.87E-05	-7.08E-06					
102	725.25	2.78E-01	-2.08E-01	-3.21E-01	-3.79E-01	-2.90E-01	4.11E-01	4.85E-01	-4.15E-01	-28.64	2.85E-02	4.50E-01		
	232.70	1.35E-05	-5.26E-06	-9.58E-06	-2.92E-05	-2.23E-05	3.16E-05	2.14E-05	-1.32E-05					
103	635.50	3.59E-01	5.05E-01	9.03E-02	2.60E-02	-2.31E-01	-2.94E-01	5.10E-01	3.54E-01	60.23	3.59E-01	2.60E-02		
	256.00	3.31E-06	8.94E-06	-7.01E-06	2.00E-06	-1.77E-05	-2.26E-05	9.11E-06	3.14E-06					
104	635.50	6.47E-01	4.63E-01	2.60E-02	5.36E-02	-8.21E-01	3.10E-02	6.62E-01	4.48E-01	15.06	4.63E-01	-5.36E-02		
	290.67	1.24E-05	5.31E-06	-1.15E-05	4.12E-06	-6.31E-05	2.38E-06	1.30E-05	4.76E-06					
105	569.00	-3.12E-01	-6.44E-03	-1.57E-01	-1.39E+00	-5.04E-01	1.32E+00	1.24E+00	-1.56E+00	-48.13	-3.12E-01	-1.39E+00		
	16.50	-6.76E-06	4.98E-06	-8.26E-07	-1.07E-04	-3.88E-05	1.02E-04	5.30E-05	-5.47E-05					
106	508.50	-3.12E+00	-2.10E+00	-2.08E+00	-1.05E+00	-1.23E+00	3.68E-01	-1.44E+00	-3.78E+00	-58.01	-2.10E+00	1.05E+00		
	13.00	-3.99E-05	-4.80E-07	2.57E-07	-8.07E-05	-9.47E-05	2.83E-05	2.47E-05	-6.51E-05					
107	521.00	-8.41E-01	-3.66E-01	-3.69E-01	-1.39E+00	-4.15E-01	7.04E-01	8.09E-01	-2.02E+00	-49.83	-8.41E-01	-1.39E+00		
	15.75	-1.50E-05	3.23E-06	3.13E-06	-1.07E-04	-3.19E-05	5.42E-05	4.84E-05	-6.02E-05					
108	526.25	-7.31E-01	-3.14E-01	-3.41E-01	-1.53E+00	-3.55E-01	7.35E-01	1.02E+00	-2.07E+00	-48.88	-7.31E-01	-1.53E+00		
	21.00	-1.29E-05	3.16E-06	2.12E-06	-1.18E-04	-2.73E-05	5.65E-05	5.45E-05	-6.43E-05					
109	515.50	-1.97E+00	-1.34E+00	-1.39E+00	-1.91E+00	-9.04E-01	3.72E-01	2.80E-01	-3.59E+00	-49.72	-1.34E+00	1.91E+00		
	26.00	-2.42E-05	2.10E-07	-1.82E-06	-1.47E-04	-6.95E-05	2.86E-05	6.24E-05	-8.65E-05					
110	531.50	-3.18E-01	-1.82E-01	-1.97E-01	-1.25E+00	-2.55E-01	6.44E-01	1.00E+00	-1.50E+00	-46.55	-3.18E-01	-1.25E+00		
	34.50	-4.56E-06	6.45E-07	7.97E-08	-9.62E-05	-1.06E-05	4.96E-05	4.62E-05	-5.01E-05					
111	515.50	9.10E-01	1.49E+00	1.03E+00	-3.69E+00	-2.10E-01	-5.00E-01	4.90E+00	-2.50E+00	-47.24	9.10E-01	-3.69E+00		
	44.00	-2.62E-06	1.96E-05	1.84E-06	-2.84E-04	-1.61E-05	-3.85E-05	1.51E-04	-1.34E-04					
112	515.50	2.09E-01	7.96E-02	1.33E-02	-8.50E-01	-5.68E-01	3.06E-01	9.97E-01	-7.08E-01	-42.83	7.96E-02	8.50E-01		
	53.33	4.71E-06	-2.52E-07	-2.80E-06	-6.54E-05	-4.37E-05	2.35E-05	3.50E-05	-3.06E-05					
113	547.50	4.00E-01	-3.02E-01	-5.69E-02	-1.34E+00	-3.15E-01	1.64E+00	1.43E+00	-1.33E+00	-37.66	-7.17E-01	1.15E+00		
	64.00	1.49E-05	-1.21E-05	-2.64E-06	-1.03E-04	-2.42E-05	1.26E-04	5.46E-05	-5.18E-05					
114	515.50	1.07E+00	1.28E+00	8.90E-01	-1.54E+00	-1.11E-01	1.44E-01	2.72E+00	-3.72E-01	-46.93	1.07E+00	-1.54E+00		
	74.67	5.54E-06	1.35E-05	-1.32E-06	-1.18E-04	-8.50E-06	1.11E-05	6.89E-05	-4.98E-05					
115	515.50	2.11E+00	1.29E+00	1.25E+00	-5.57E-01	-4.11E-01	2.95E-01	2.39E+00	1.01E+00	-26.88	1.29E+00	5.57E-01		
	88.00	3.00E-05	-1.40E-06	-3.02E-06	-4.28E-05	-3.16E-05	2.27E-05	4.08E-05	-1.23E-05					
116	547.50	1.25E+00	1.05E-01	4.38E-01	-1.70E+00	-2.55E-01	1.07E+00	2.47E+00	-1.12E+00	-35.72	-6.30E-01	1.23E+00		
	104.00	2.84E-05	-1.57E-05	-2.85E-06	-1.31E-04	-1.96E-05	8.26E-05	7.55E-05	-6.28E-05					
117	515.50	3.61E-01	4.16E-01	1.74E-01	-1.24E+00	-4.09E-02	3.94E-01	1.63E+00	-8.54E-01	-45.63	3.61E-01	-1.24E+00		
	120.00	3.44E-06	5.54E-06	-3.75E-06	-9.56E-05	-3.14E-06	3.03E-05	5.23E-05	-4.33E-05					
118	515.50	1.33E+00	7.71E-01	6.49E-01	-4.77E-01	-2.54E-01	2.46E-01	1.60E+00	4.98E-01	-29.81	7.71E-01	4.77E-01		
	136.00	2.10E-05	-8.70E-07	-5.26E-06	-3.67E-05	-1.96E-05	1.89E-05	3.15E-05	-1.11E-05					
119	547.50	1.10E+00	4.10E-01	4.25E-01	-1.11E+00	-1.51E-01	5.30E-01	1.92E+00	-4.03E-01	-36.31	-7.00E-02	8.13E-01		
	152.00	2.11E-05	-5.52E-06	-4.96E-06	-8.51E-05	-1.16E-05	4.08E-05	5.24E-05	-3.68E-05					
120	515.50	5.33E-01	5.13E-01	2.06E-01	-8.22E-01	-6.08E-02	5.06E-02	1.34E+00	-2.99E-01	-44.65	5.33E-01	-8.22E-01		
	168.00	6.74E-06	5.97E-06	-5.83E-06	-6.32E-05	-4.68E-06	3.89E-06	3.80E-05	-2.53E-05					
121	515.50	1.83E+00	1.08E+00	8.97E-01	-3.62E-01	-3.52E-01	1.80E-01	1.98E+00	9.31E-01	-21.98	1.08E+00	3.62E-01		
	184.00	2.86E-05	-3.55E-07	-7.29E-06	-2.79E-05	-2.71E-05	1.38E-05	3.42E-05	-5.98E-06					
122	547.50	6.02E-01	-3.88E-01	-1.64E-01	-1.21E+00	-1.71E-01	8.58E-01	1.42E+00	-1.20E+00	-33.91	-9.01E-01	8.38E-01		
	200.00	2.26E-05	-1.55E-05	-6.87E-06	-9.34E-05	-1.32E-05	6.60E-05	5.40E-05	-4.69E-05					
123	515.50	-2.40E-01	-3.67E-01	-5.20E-01	-5.70E-01	1.48E-02	6.73E-02	2.70E-01	-8.77E-01	-41.83	-2.40E-01	-5.70E-01		
	216.00	3.15E-06	-1.73E-06	-7.61E-06	-4.38E-05	1.14E-06	5.18E-06	2.28E-05	-2.13E-05					
124	515.50	4.27E-01	1.61E-01	-7.98E-02	-1.27E-01	-1.60E-01	1.20E-01	4.78E-01	1.09E-01	-21.88	1.61E-01	1.27E-01		
	232.00	1.08E-05	6.00E-07	-8.64E-06	-9.80E-06	-1.23E-05	9.25E-06	1.28E-05	-1.37E-06					
125	547.50	3.68E-02	-1.76E-01	-3.52E-01	-2.69E-01	-5.10E-02	7.79E-01	2.20E-01	-3.59E-01	-34.22	-2.90E-01	1.87E-01		
	248.00	6.81E-06	-1.37E-06	-8.14E-06	-2.07E-05	-3.52E-06	5.99E-05	1.38E-05	-8.41E-06					
126	515.50	-5.98E-01	-8.12E-01	-8.55E-01	1.06E-01	1.21E-01	2.47E-01	-5.54E-01	-8.56E-01	22.37	-5.98E-01	1.06E-01		
	264.00	1.89E-06	-6.35E-06	-7.99E-06	8.17E-06	9.29E-06	1.90E-05	3.57E-06	-8.03E-06					
127	515.50	4.05E-02	-5.45E-02	-2.66E-01	-1.51E-02	1.39E-01	7.58E-02	4.28E-02	-5.68E-02	-8.82	-5.45E-02	1.51E-02		
	276.00	4.64E-06	9.86E-07	-7.17E-06	-1.16E-06	1.07E-05	5.83E-06	4.73E-06	8.96E-07					
128	531.50	-4.03E-01	-2.28E-01	-5.12E-01	-1.22E-02	1.06E-01	4.82E-02	-2.27E-01	-4.04E-01	-86.02	-4.03E-01	-1.22E-02		

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	297.00	-2.93E-06	3.78E-06	-7.13E-06	-9.40E-07	8.19E-06	3.71E-06	3.82E-06	-2.96E-06			
129	515.50	-1.21E+00	-8.20E-01	-1.06E+00	2.70E-01	1.04E-01	8.70E-02	-6.82E-01	-1.35E+00	62.45	-1.21E+00	2.70E-01
	320.00	-1.26E-05	2.46E-06	-6.68E-06	2.06E-05	8.28E-06	6.65E-06	7.76E-06	-1.75E-05			
183	565.50	-8.91E-02	1.35E-01	6.15E-02	-2.10E+00	-6.58E-01	1.58E+00	2.12E+00	-2.08E+00	-46.53	-8.91E-02	-2.10E+00
	-8.00	-4.61E-06	4.01E-06	1.18E-06	-1.41E-04	-1.07E-05	1.21E-04	8.05E-05	-8.11E-05			

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2499E+02	.1559E+03	.1424E+01	-.1867E+02	-.3678E+02	.2649E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2926E+01	-.1252E+01	-.4989E+00	-.1940E+02	.1022E+02	.1545E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2488E+01	.4104E+00	-.2157E+00	-.3242E+02	.2251E+02	.2860E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.3539E+01	-.8117E+00	-.2220E-01	-.4573E+02	.3575E+02	.4202E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4068E+01	.6148E+00	-.4696E-01	-.5910E+02	.4890E+02	.5681E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2930E-01	.3304E+00	-.2217E+00	-.7933E+02	.6246E+02	.7516E+02
25	-.8682E+01	-.1412E+01	-.3805E-01	-.9845E+02	.6887E+02	.9344E+02
26	.3427E+01	.3022E+00	.1854E-01	-.1067E+03	.7310E+02	.1068E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.4702E+02	.9051E+01	-.1585E+01	-.1097E+03	.1027E+03	.1178E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.7915E+03	-.1384E+03	.6120E+01	-.1560E+03	.2803E+03	.1888E+03
40	-.1640E+03	-.8959E+02	-.6008E+00	-.1472E+03	.2764E+03	.1724E+03
41	-.3830E+03	-.5236E+02	-.6784E+01	-.1274E+03	.2504E+03	.1488E+03
42	-.9247E+02	-.7272E+01	-.6772E+01	-.1105E+03	.1772E+03	.1294E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.9838E+03	.1306E+03	.5245E+01	-.2628E+02	.2991E+03	-.1097E+03
48	.8570E+03	.1130E+03	.6002E+01	-.4914E+02	.2769E+03	-.7745E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.1390E+04	.2111E+03	.6723E+01	.3742E+02	.2060E+03	-.3023E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	-.1993E+01	-.5372E+01	.1970E+00	-.1[illegible]2	.2934E+03	-.1041E+03
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.9519E+03	.1442E+03	.6649E+01	.1261E+02	.1639E+03	-.2818E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.6662E+03	.1012E+03	.8853E+01	.1358E+02	.1507E+03	-.2734E+03
66	.2213E+03	.3416E+02	.1109E+02	.1732E+02	.1168E+03	-.2850E+03
67	-.4599E+03	-.6830E+02	.1110E+02	.1680E+02	.8097E+02	-.2839E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.8171E+03	-.1221E+03	.9234E+01	-.2193E+02	.4682E+02	-.2944E+03
76	.8988E+02	.1358E+02	.6320E+01	-.3382E+02	.4956E+01	-.3010E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3445E+03	-.5205E+02	.4640E+01	-.4112E+02	-.4401E+02	-.2895E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1456E+03	.2123E+02	.3279E+01	-.6096E+02	-.7299E+02	-.2850E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2021E+03	-.3136E+02	.2938E+01	-.4536E+02	-.1144E+03	-.2618E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1325E+03	.1960E+02	.2444E+01	-.3771E+02	-.1382E+03	-.2380E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1524E+03	-.2449E+02	.2466E+01	-.3900E+02	-.1731E+03	-.2150E+03
109	.9122E+02	.1185E+02	.2118E+01	-.3936E+02	-.1949E+03	-.1853E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1281E+03	-.2133E+02	.2021E+01	-.2142E+02	-.2215E+03	-.1564E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.6502E+02	-.1199E+02	.2851E+00	-.1010E+02	-.2317E+03	-.1256E+03
115	-.2627E+02	-.6277E+01	-.3540E+00	.1359E+01	-.2328E+03	-.9319E+02
116	-.7112E+02	-.1326E+02	-.1175E+01	.7211E+01	-.2408E+03	-.7525E+02

117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.7279E+02	-.1363E+02	-.1913E+01	-.1694E+01	-.2457E+03	-.6247E+02
119	-.5650E+02	-.1097E+02	-.2792E+01	.1801E+02	-.2222E+03	-.4075E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1281E+03	-.1589E+02	-.7749E+01	.1345E+02	-.1871E+03	-.2486E+02
122	-.1079E+03	-.6511E+01	-.1211E+02	-.6646E+01	-.1798E+03	-.2072E+02
123	-.8127E+02	-.4061E+01	-.1064E+02	-.4687E+01	-.1566E+03	-.1851E+02
124	-.5667E+02	-.2849E+01	-.7337E+01	-.3335E+01	-.1286E+03	-.1672E+02
125	-.3770E+02	-.1138E+01	-.5374E+01	-.2215E+01	-.1059E+03	-.1502E+02
126	-.1013E+02	.3094E+01	-.4993E+01	-.7769E+00	-.8839E+02	-.1320E+02
127	.1000E+02	.6425E+01	-.5067E+01	.1928E+00	-.7483E+02	-.1092E+02
128	.3019E+02	.9054E+01	-.4734E+01	.2478E+01	-.4741E+02	-.8369E+01
129	.2998E+02	.7747E+01	-.3853E+01	.3506E+01	-.2568E+02	-.6197E+01
130	.2053E+02	.4683E+01	-.2685E+01	.3686E+01	-.1007E+02	-.4787E+01
131	.5252E+01	.8202E+00	-.1680E+01	.3166E+01	-.2200E+01	-.4019E+01
132	-.6380E+00	-.3892E+00	-.1215E+01	.2047E+01	-.3203E+01	-.3552E+01
133	-.1058E+01	-.3193E+00	-.1135E+01	.1386E+01	-.4388E+01	-.3038E+01
134	-.2884E+00	-.8761E-01	-.1149E+01	.1056E+01	-.3856E+01	-.2403E+01
135	.5996E-02	-.7602E-03	-.1294E+01	.8082E+00	-.2719E+01	-.1768E+01
136	.9333E-02	-.6644E-02	-.1723E+01	.5662E+00	-.1747E+01	-.1177E+01
137	.4095E-01	.1407E-01	-.2735E+01	.3851E+00	-.7826E+00	-.6417E+00
138	-.2063E-01	-.6727E-01	-.4831E+02	.2428E+00	.2030E+00	-.3178E+00
139	-.4871E-01	-.7894E-01	.2341E+02	.4006E-01	-.1086E+00	.1071E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.13208E-01	.63658E-04	-.13214E-01	.00000E+00
3	.23880E-01	.24230E-03	-.23873E-01	.00000E+00
4	.25805E-01	.24977E-03	-.25749E-01	.00000E+00
5	.27743E-01	-.10874E-04	-.27753E-01	.00000E+00
6	.31052E-01	.12798E-05	-.31049E-01	.77952E-05
7	.28711E-01	.58910E-03	-.29053E-01	.00000E+00
8	.31132E-01	.44851E-03	-.31222E-01	.15023E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.13067E-01	.17967E-03	-.13158E-01	.00000E+00
11	.23951E-01	.37754E-03	-.24244E-01	.00000E+00
12	.26587E-01	.44377E-03	-.26943E-01	.00000E+00
13	.28694E-01	.35364E-03	-.28858E-01	.00000E+00
14	.31298E-01	.49399E-03	-.31683E-01	.42192E-05
15	.29012E-01	.85599E-03	-.30158E-01	.00000E+00
16	.31551E-01	.82010E-03	-.32443E-01	-.59891E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.13148E-01	.29248E-03	-.13587E-01	.00000E+00
19	.24334E-01	.59540E-03	-.25267E-01	.00000E+00
20	.27077E-01	.73598E-03	-.28206E-01	.00000E+00
21	.29308E-01	.54634E-03	-.30314E-01	.00000E+00
22	.31895E-01	.65406E-03	-.33506E-01	.29523E-05
23	.29995E-01	.15108E-02	-.32506E-01	.00000E+00
24	.32330E-01	.13506E-02	-.34905E-01	.12270E-04
25	.32639E-01	.16475E-02	-.35913E-01	.85661E-06
26	.32818E-01	.16274E-02	-.36353E-01	.61989E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.13050E-01	.58614E-03	-.13816E-01	.00000E+00
29	.24707E-01	.11435E-02	-.26103E-01	.00000E+00
30	.27591E-01	.13664E-02	-.29592E-01	.00000E+00
31	.30231E-01	.16125E-02	-.32847E-01	.00000E+00
32	.33007E-01	.18334E-02	-.36953E-01	.33834E-04
33	.30116E-01	.22488E-02	-.32782E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	.13201E-01	.80952E-03	-.13753E-01	.00000E+00
[illegible]	.24800E-01	.14357E-02	-.26130E-01	.00000E+00

	.27936E-01	.16372E-02	-.29374E-01	.00000E+00
	.30944E-01	.20596E-02	-.33913E-01	.00000E+00
39	.33385E-01	.26520E-02	-.37909E-01	-.15336E-04
40	.33325E-01	.27371E-02	-.37750E-01	.50595E-05
41	.33269E-01	.25732E-02	-.37528E-01	.18232E-04
42	.33160E-01	.22795E-02	-.37273E-01	.29823E-04
43	.27311E-01	.20400E-02	-.28168E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.11778E-01	.16492E-03	-.12120E-01	.00000E+00
46	.24427E-01	.13516E-02	-.24411E-01	.00000E+00
47	.33413E-01	.25312E-02	-.38076E-01	-.16030E-04
48	.33405E-01	.25901E-02	-.38069E-01	-.23646E-04
49	.30897E-01	.21118E-02	-.33600E-01	.00000E+00
50	.33706E-01	.25940E-02	-.38197E-01	-.72944E-04
51	.31028E-01	.22334E-02	-.32442E-01	.00000E+00
52	.34772E-01	.23410E-02	-.35520E-01	.00000E+00
53	.33423E-01	.24194E-02	-.38105E-01	-.47310E-05
54	.27074E-01	.14224E-02	-.25854E-01	.00000E+00
55	.30395E-01	.18974E-02	-.28363E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.99806E-02	.11775E-02	-.82742E-02	.00000E+00
58	.21399E-01	.83376E-03	-.15568E-01	.00000E+00
59	.35297E-01	.18564E-02	-.32968E-01	.00000E+00
60	.34810E-01	.22324E-02	-.34294E-01	.00000E+00
61	.33989E-01	.25997E-02	-.38281E-01	-.11338E-03
62	.25243E-01	.73583E-03	-.18806E-01	.00000E+00
63	.29225E-01	.78684E-03	-.23463E-01	.00000E+00
64	.35481E-01	.23337E-02	-.35994E-01	.00000E+00
65	.34373E-01	.26051E-02	-.38359E-01	-.14138E-03
66	.35330E-01	.26139E-02	-.38516E-01	-.17229E-03
67	.36364E-01	.26207E-02	-.38688E-01	-.16462E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.77317E-02	-.71202E-04	-.44308E-02	.00000E+00
70	.22350E-01	.28327E-03	-.14324E-01	.00000E+00
71	.34003E-01	.77063E-03	-.26538E-01	.00000E+00
72	.36411E-01	.22326E-02	-.35947E-01	.00000E+00
73	.27472E-01	.37062E-03	-.15333E-01	.00000E+00
74	.38631E-01	.22745E-02	-.37563E-01	.00000E+00
75	.37246E-01	.26262E-02	-.38837E-01	-.12582E-03
76	.38441E-01	.26719E-02	-.39153E-01	-.88768E-04
77	.31848E-01	.18520E-03	-.19948E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.91231E-02	.38563E-03	-.53109E-02	.00000E+00
80	.21031E-01	-.12963E-03	-.11354E-01	.00000E+00
81	.23203E-01	-.18996E-03	-.12025E-01	.00000E+00
82	.26211E-01	-.29607E-03	-.15917E-01	.00000E+00
83	.37924E-01	.66171E-03	-.29267E-01	.00000E+00
84	.35061E-01	-.36342E-04	-.22240E-01	.00000E+00
85	.39801E-01	.26947E-02	-.39518E-01	-.71261E-04
86	.40043E-01	.23634E-02	-.38849E-01	.00000E+00
87	.31711E-01	-.14341E-03	-.17495E-01	.00000E+00
88	.39900E-01	.17781E-02	-.34365E-01	.00000E+00
89	.40742E-01	.27537E-02	-.39900E-01	-.57439E-04
90	.23166E-01	-.22254E-03	-.32714E-02	.00000E+00
91	.25072E-01	-.45004E-03	-.46727E-02	.00000E+00
92	.27105E-01	-.91321E-04	-.54169E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.96785E-02	.00000E+00	-.61610E-03	.00000E+00
95	.18011E-01	.00000E+00	-.11234E-02	.00000E+00
96	.20808E-01	.00000E+00	-.17292E-02	.00000E+00
97	.21637E-01	.00000E+00	-.94765E-03	.00000E+00
98	.21094E-01	.00000E+00	-.59447E-03	.00000E+00
99	.23500E-01	-.11406E-04	-.14507E-02	.00000E+00
100	.30345E-01	-.39573E-04	-.95131E-02	.00000E+00

101	.37607E-01	.59619E-03	-.21811E-01	.00000E+00
102	.42102E-01	.28194E-02	-.40422E-01	-.51452E-04
103	.39709E-01	.96396E-03	-.29590E-01	.00000E+00
104	.42753E-01	.26518E-02	-.40180E-01	.00000E+00
105	.43200E-01	.28587E-02	-.40878E-01	-.43711E-04
106	.41721E-01	.11874E-02	-.33501E-01	.00000E+00
107	.44339E-01	.27329E-02	-.40525E-01	.00000E+00
108	.44336E-01	.28373E-02	-.41282E-01	-.41646E-04
109	.45168E-01	.29252E-02	-.41624E-01	-.35502E-04
110	.44328E-01	.25452E-02	-.35485E-01	.00000E+00
111	.46155E-01	.31251E-02	-.41477E-01	.00000E+00
112	.46042E-01	.29543E-02	-.41883E-01	-.21703E-04
113	.45749E-01	.23172E-02	-.37827E-01	.00000E+00
114	.46557E-01	.29295E-02	-.42083E-01	-.11123E-04
115	.46485E-01	.29260E-02	-.42196E-01	-.15663E-05
116	.46642E-01	.28712E-02	-.42232E-01	.60714E-05
117	.46405E-01	.32827E-02	-.42569E-01	.00000E+00
118	.46519E-01	.28608E-02	-.42237E-01	.13558E-04
119	.46162E-01	.28353E-02	-.42211E-01	.21781E-04
120	.46873E-01	.29533E-02	-.42473E-01	.00000E+00
121	.45499E-01	.27751E-02	-.42130E-01	.35276E-04
122	.45428E-01	.24939E-02	-.42186E-01	.41765E-04
123	.45321E-01	.22192E-02	-.42225E-01	.46904E-04
124	.45201E-01	.19133E-02	-.42265E-01	.52805E-04
125	.45041E-01	.15719E-02	-.42305E-01	.59790E-04
126	.44732E-01	.92361E-03	-.42370E-01	.67765E-04
127	.44403E-01	.23344E-03	-.42432E-01	.68606E-04
128	.43776E-01	-.11668E-02	-.42559E-01	.55900E-04
129	.43345E-01	-.21943E-02	-.42675E-01	.36983E-04
130	.43091E-01	-.28568E-02	-.42800E-01	.15008E-04
131	.43085E-01	-.29110E-02	-.42991E-01	-.83805E-05
132	.43266E-01	-.23480E-02	-.43160E-01	-.14299E-04
133	.43424E-01	-.17722E-02	-.43309E-01	-.11236E-04
134	.43519E-01	-.13538E-02	-.43429E-01	-.82701E-05
135	.43579E-01	-.10276E-02	-.43527E-01	-.71765E-05
136	.43622E-01	-.70557E-03	-.43598E-01	-.73070E-05
137	.43648E-01	-.39439E-03	-.43641E-01	-.72226E-05
138	.43665E-01	-.60538E-04	-.43665E-01	-.77328E-05
139	.43665E-01	-.74539E-05	-.43665E-01	-.74827E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.24E-02	5.29E-02	1.57E-02	1.61E+00	5.85E-03	-1.62E+00	1.64E+00	-1.58E+00	45.36	1.24E-02	1.61E+00
	-303.00	-4.88E-07	1.35E-06	-3.38E-07	1.46E-04	5.32E-07	-1.47E-04	7.36E-05	-7.28E-05			
2	72.00	1.76E-02	6.89E-02	-6.46E-03	1.33E+00	2.62E-03	-1.36E+00	1.37E+00	-1.28E+00	45.55	1.76E-02	1.33E+00
	-213.00	-2.40E-07	2.09E-06	-1.33E-06	1.21E-04	2.38E-07	-1.24E-04	6.13E-05	-5.94E-05			
3	72.00	1.82E-01	8.09E-02	-3.77E-02	8.62E-01	-7.47E-02	-9.40E-01	9.95E-01	-7.32E-01	43.32	1.82E-01	8.62E-01
	-138.00	2.96E-06	6.56E-07	-2.04E-06	3.92E-05	-3.39E-06	-4.27E-05	2.14E-05	-1.78E-05			
4	24.00	1.01E+00	5.83E-01	7.22E-01	1.58E+00	-2.65E-01	-1.72E+00	2.39E+00	-7.95E-01	41.13	1.01E+00	1.58E+00
	-68.00	1.34E-05	-3.03E-06	2.32E-06	1.21E-04	-2.04E-05	-1.32E-04	6.64E-05	-5.60E-05			
5	72.00	-3.79E-01	-1.87E-01	-4.07E-01	7.14E-01	3.92E-02	-7.67E-01	4.37E-01	-1.06E+00	48.84	-1.87E-01	-7.14E-01
	-88.00	-3.90E-06	3.51E-06	-4.96E-06	5.49E-05	3.02E-06	-5.90E-05	2.75E-05	-2.79E-05			
6	120.00	-2.16E-01	-2.32E-01	-2.87E-01	1.33E+00	7.38E-02	-1.34E+00	1.11E+00	-1.56E+00	44.83	1.08E+00	-2.48E-01
	-68.00	-2.34E-07	-8.33E-07	-2.97E-06	1.02E-04	5.68E-06	-1.03E-04	5.07E-05	-5.17E-05			
7	36.29	3.52E-01	1.32E-01	8.37E-02	7.37E-01	-9.43E-02	-7.03E-01	9.87E-01	-5.03E-01	40.75	3.27E-01	7.40E-01
	-19.00	7.31E-06	-1.17E-06	-3.02E-06	5.67E-05	-7.25E-06	-5.41E-05	3.17E-05	-2.56E-05			
8	108.00	[illegible]5E-02	-6.44E-02	-1.23E-01	5.46E-01	5.39E-03	-6.1[illegible]01	4.95E-01	-5.97E-01	44.29	-3.75E-02	5.46E-01
	-19.00	[illegible]E-05	-2.03E-09	-2.27E-06	4.20E-05	4.15E-07	-4[illegible]	2.15E-05	-2.05E-05			
9	216.00	[illegible]E-01	1.61E-01	8.90E-02	1.61E+00	-9.64E-03	[illegible]00	1.74E+00	-1.47E+00	45.47	1.09E-01	1.61E[illegible]

	-303.	[illegible].82E-07	2.66E-06	-6.13E-07	1.46E-04	-8.77E-07	[illegible]E-04	7.45E-05	-7.16E-05				
10	216.0[illegible]	[illegible].29E-01	1.62E-01	5.74E-02	1.36E+00	-3.31E-02	[illegible]E+00	1.51E+00	-1.21E+00	45.26	1.38E-01	1.36[illegible]	
	-213.0[illegible]	[illegible].61E-06	2.74E-06	-2.03E-06	1.24E-04	-3.01E-06	[illegible]E-04	6.43E-05	-5.97E-05				
11	216.00	1.88E-01	1.32E-01	-8.34E-02	1.02E+00	-1.06E-01	-1.09E+00	1.19E+00	-8.65E-01	44.22	1.88E-01	1.02E+00	
	-138.00	3.03E-06	1.77E-06	-3.14E-06	4.66E-05	-4.80E-06	-4.95E-05	2.57E-05	-2.05E-05				
12	168.00	5.08E-01	5.31E-01	3.38E-01	1.55E+00	-2.07E-01	-1.56E+00	2.07E+00	-1.03E+00	45.21	5.08E-01	1.55E+00	
	-68.00	4.41E-06	5.28E-06	-2.12E-06	1.19E-04	-1.59E-05	-1.20E-04	6.44E-05	-5.47E-05				
13	216.00	-5.03E-01	-1.87E-01	-4.66E-01	6.61E-01	1.63E-02	-6.79E-01	3.34E-01	-1.02E+00	51.71	-1.87E-01	-6.61E-01	
	-88.00	-6.63E-06	5.50E-06	-5.23E-06	5.08E-05	1.25E-06	-5.22E-05	2.56E-05	-2.67E-05				
14	264.00	-3.90E-02	-2.15E-01	-2.57E-01	1.31E+00	2.75E-02	-1.37E+00	1.19E+00	-1.44E+00	43.08	1.15E+00	-3.23E-01	
	-68.00	4.12E-06	-2.65E-06	-4.28E-06	1.01E-04	2.12E-06	-1.06E-04	5.13E-05	-4.99E-05				
15	180.00	1.24E-01	2.21E-02	-7.23E-02	6.60E-01	-1.39E-01	-6.20E-01	7.35E-01	-5.89E-01	42.79	1.24E-01	6.60E-01	
	-10.00	3.96E-06	3.85E-08	-3.59E-06	5.08E-05	-1.07E-05	-4.77E-05	2.75E-05	-2.35E-05				
16	252.00	9.51E-02	-2.64E-02	-1.41E-01	5.23E-01	-5.00E-02	-6.52E-01	5.60E-01	-4.92E-01	41.68	9.51E-02	5.23E-01	
	-10.00	4.45E-06	-2.26E-07	-4.62E-06	4.02E-05	-3.84E-06	-5.02E-05	2.23E-05	-1.81E-05				
17	361.00	1.58E-01	2.73E-01	1.47E-01	1.61E+00	5.47E-04	-1.68E+00	1.83E+00	-1.40E+00	46.03	1.58E-01	1.61E+00	
	-303.00	-3.36E-07	4.92E-06	-8.34E-07	1.47E-04	4.97E-08	-1.53E-04	7.56E-05	-7.10E-05				
18	361.00	1.68E-01	2.54E-01	9.34E-02	1.43E+00	-1.32E-02	-1.48E+00	1.64E+00	-1.22E+00	45.86	1.68E-01	1.43E+00	
	-213.00	9.42E-07	4.85E-06	-2.45E-06	1.30E-04	-1.20E-06	-1.35E-04	6.78E-05	-6.20E-05				
19	361.00	2.04E-01	1.96E-01	-9.64E-02	1.12E+00	-8.42E-02	-1.24E+00	1.32E+00	-9.22E-01	44.90	2.04E-01	1.12E+00	
	-138.00	3.04E-06	2.86E-06	-3.78E-06	5.10E-05	-3.83E-06	-5.62E-05	2.84E-05	-2.25E-05				
20	312.00	8.98E-01	8.22E-01	5.56E-01	1.77E+00	-3.49E-01	-1.88E+00	2.63E+00	-9.14E-01	44.38	8.98E-01	1.77E+00	
	-68.00	9.53E-06	6.59E-06	-3.62E-06	1.36E-04	-2.68E-05	-1.44E-04	7.63E-05	-6.02E-05				
21	360.67	-8.29E-01	-4.87E-01	-7.29E-01	8.79E-01	8.48E-02	-9.96E-01	2.37E-01	-1.55E+00	50.51	-4.87E-01	-8.79E-01	
	-88.00	-9.43E-06	3.74E-06	-5.55E-06	6.76E-05	6.52E-06	-7.66E-05	3.16E-05	-3.73E-05				
22	409.33	5.47E-01	7.40E-01	3.37E-01	1.68E+00	3.60E-03	-2.09E+00	2.33E+00	-1.04E+00	46.64	2.31E+00	-2.53E-01	
	-68.00	3.19E-06	1.06E-05	-4.89E-06	1.29E-04	2.77E-07	-1.60E-04	7.17E-05	-5.79E-05				
23	324.00	2.76E-01	6.21E-02	-8.11E-02	7.01E-01	-2.47E-01	-6.67E-01	8.78E-01	-5.40E-01	40.67	2.76E-01	7.01E-01	
	-19.00	7.79E-06	-4.35E-07	-5.94E-06	5.39E-05	-1.90E-05	-5.13E-05	3.10E-05	-2.36E-05				
24	372.00	1.53E-01	-1.52E-01	-2.46E-01	1.75E+00	-2.40E-01	-1.87E+00	1.75E+00	-1.75E+00	42.50	1.53E-01	1.75E+00	
	-9.33	8.57E-06	-3.17E-06	-6.75E-06	1.34E-04	-1.85E-05	-1.44E-04	7.01E-05	-6.47E-05				
25	401.25	1.01E-01	-7.49E-03	-2.31E-01	5.83E-01	-7.32E-02	-7.91E-01	6.32E-01	-5.39E-01	42.35	-4.52E-01	3.07E-01	
	-19.00	5.39E-06	1.23E-06	-7.38E-06	4.48E-05	-5.63E-06	-6.08E-05	2.58E-05	-1.92E-05				
26	427.67	9.57E-01	9.48E-01	5.39E-01	2.00E+00	-3.31E-01	-2.68E+00	2.95E+00	-1.05E+00	44.94	2.14E+00	1.61E+00	
	-9.33	9.95E-06	9.60E-06	-6.12E-06	1.54E-04	-2.55E-05	-2.06E-04	8.67E-05	-6.71E-05				
27	457.00	1.95E-01	4.02E-01	2.12E-01	1.61E+00	1.73E-02	-1.69E+00	1.91E+00	-1.32E+00	46.83	1.95E-01	1.61E+00	
	-303.00	-1.62E-06	7.75E-06	-8.85E-07	1.47E-04	1.57E-06	-1.54E-04	7.65E-05	-7.04E-05				
28	457.00	1.49E-01	3.10E-01	1.11E-01	1.50E+00	3.05E-02	-1.53E+00	1.73E+00	-1.27E+00	46.53	1.49E-01	1.50E+00	
	-213.00	-6.09E-07	6.69E-06	-2.38E-06	1.36E-04	2.77E-06	-1.39E-04	7.13E-05	-6.52E-05				
29	457.00	2.73E-01	2.48E-01	-3.97E-02	1.21E+00	1.21E-01	-1.30E+00	1.47E+00	-9.47E-01	44.71	2.73E-01	1.21E+00	
	-138.00	3.68E-06	3.12E-06	-3.43E-06	5.49E-05	5.50E-06	-5.92E-05	3.09E-05	-2.41E-05				
30	442.00	5.82E-01	1.30E+00	5.89E-01	2.04E+00	9.43E-02	-2.14E+00	3.01E+00	-1.13E+00	50.02	5.82E-01	2.04E+00	
	-68.00	-4.79E-06	2.29E-05	-4.53E-06	1.57E-04	7.26E-06	-1.65E-04	8.86E-05	-7.05E-05				
31	457.33	-2.37E+00	-9.42E-01	-1.45E+00	7.04E-01	1.13E+00	-1.17E+00	-6.53E-01	-2.66E+00	67.72	-9.42E-01	-7.04E-01	
	-88.00	-3.99E-05	1.61E-05	-3.36E-06	5.42E-05	8.69E-05	-9.01E-05	2.72E-05	-5.00E-05				
32	472.67	4.11E+00	3.80E+00	3.05E+00	1.73E+00	-6.26E-01	-2.75E+00	5.69E+00	2.22E+00	42.44	5.19E+00	1.22E+00	
	-68.00	3.77E-05	2.58E-05	-3.25E-06	1.33E-04	-4.82E-05	-2.11E-04	9.85E-05	-3.50E-05				
33	443.00	3.91E-01	3.81E-01	3.46E-02	1.06E+00	-9.64E-02	-1.06E+00	1.44E+00	-6.72E-01	44.86	3.91E-01	1.06E+00	
	-10.50	6.18E-06	5.78E-06	-7.53E-06	8.14E-05	-7.42E-06	-8.16E-05	4.67E-05	-3.47E-05				
34	454.00	3.31E+00	2.65E+00	2.17E+00	2.60E+00	-7.61E-01	-3.43E+00	5.59E+00	3.60E-01	41.39	4.34E+00	2.23E+00	
	-11.33	3.79E-05	1.26E-05	-5.87E-06	2.00E-04	-5.85E-05	-2.64E-04	1.26E-04	-7.54E-05				
35	461.67	1.17E+00	1.57E+00	8.84E-01	2.45E+00	-1.87E-01	-3.54E+00	3.82E+00	-1.09E+00	47.33	1.17E+00	2.45E+00	
	-12.00	5.15E-06	2.05E-05	-5.77E-06	1.88E-04	-1.44E-05	-2.73E-04	1.07E-04	-8.17E-05				
36	469.00	-1.95E+00	-6.28E-01	-1.26E+00	2.53E-01	1.01E+00	-1.44E+00	-5.81E-01	-1.99E+00	79.50	-6.28E-01	-2.53E-01	
	-30.00	-3.27E-05	1.80E-05	-6.33E-06	1.95E-05	7.79E-05	-1.11E-04	1.98E-05	-3.45E-05				
37	476.33	1.87E+00	2.62E+00	1.57E+00	1.69E+00	-2.02E-01	-2.94E+00	3.98E+00	5.18E-01	51.24	2.57E+00	1.70E+00	
	-12.00	5.42E-06	3.42E-05	-6.23E-06	1.30E-04	-1.55E-05	-2.26E-04	8.63E-05	-4.67E-05				
38	558.50	-2.14E-02	1.76E-01	4.55E-02	1.49E+00	6.31E-02	-1.59E+00	1.57E+00	-1.41E+00	46.90	-2.14E-02	1.49E+00	
	-303.00	-3.58E-06	5.41E-06	-5.34E-07	1.35E-04	5.74E-06	-1.44E-04	6.86E-05	-6.68E-05				
39	558.50	7.94E-02	4.06E-01	1.59E-01	1.47E+00	1.30E-01	-1.53E+00	1.73E+00	-1.24E+00	48.16	7.94E-02	1.47E+00	
	-213.00	-4.76E-06	1.01E-05	-1.12E-06	1.34E-04	1.18E-05	-1.39E-04	7.01E-05	-6.48E-05				
40	506.17	-8.05E-02	9.09E-01	9.83E-02	3.27E+00	3.96E-01	-3.19E+00	3.72E+00	-2.89E+00	49.30	-8.05E-02	3.27E+00	
	-128.00	-6.69E-06	1.58E-05	-2.63E-06	1.49E-04	1.80E-05	-1.45E-04	7.97E-05	-7.06E-05				
41	558.50	-1.21E+00	5.65E-01	-1.92E-01	1.47E+00	1.01E+00	-2.12E+00	1.39E+00	-2.04E+00	60.60	5.65E-01	-1.47E+00	

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	-148.00	-2.31E-05	1.72E-05	2.00E-08	6.66E-05	4.58E-05	-9.63E-05	3.60E-05	-4.19E-05				
42	610.83	2.25E-01	9.67E-01	3.59E-01	2.82E+00	6.48E-01	-2.48E+00	3.44E+00	-2.25E+00	48.74	3.42E+00	-3.83E-01	
	-128.00	-3.03E-05	1.33E-05	2.63E-08	1.28E-04	2.94E-05	-1.13E-04	7.02E-05	-5.93E-05				
43	501.38	-3.21E-01	5.22E-02	-2.50E-01	7.52E-01	3.63E-01	-9.46E-01	6.47E-01	-9.06E-01	52.15	-3.21E-01	7.52E-01	
	-78.00	-6.77E-06	7.99E-06	-4.02E-06	5.70E-05	2.75E-05	-7.28E-05	3.05E-05	-2.92E-05				
44	534.67	5.55E-01	7.58E-01	4.67E-01	2.42E+00	2.32E-01	-3.08E+00	3.08E+00	-1.76E+00	46.20	3.06E+00	-3.20E-01	
	-68.00	1.79E-06	9.60E-06	-1.60E-06	1.86E-04	1.78E-05	-2.37E-04	9.88E-05	-8.74E-05				
45	584.67	-3.89E-01	-2.38E-02	-2.18E-01	2.21E+00	6.95E-01	-1.94E+00	2.01E+00	-2.43E+00	47.36	-3.89E-01	2.21E+00	
	-68.00	-8.03E-06	6.02E-06	-1.46E-06	1.70E-04	5.34E-05	-1.49E-04	8.44E-05	-8.64E-05				
46	610.83	-2.31E+00	-3.71E-01	-9.99E-01	1.21E+00	1.16E+00	-1.62E+00	2.08E-01	-2.89E+00	64.37	-3.71E-01	-1.21E+00	
	-88.00	-4.84E-05	2.61E-05	2.00E-06	9.29E-05	8.89E-05	-1.24E-04	4.84E-05	-7.06E-05				
47	482.63	-2.00E-02	2.79E-01	-1.78E-01	5.46E-01	3.16E-01	-1.09E+00	6.96E-01	-4.37E-01	52.66	-2.00E-02	5.46E-01	
	-21.00	-1.66E-06	5.85E-06	-7.74E-06	4.20E-05	2.43E-05	-8.35E-05	2.59E-05	-1.77E-05				
48	485.93	1.14E+00	1.70E+00	9.33E-01	1.56E+00	4.59E-02	-3.29E+00	3.00E+00	-1.66E-01	50.14	1.34E+00	1.58E+00	
	-12.00	2.26E-06	2.40E-05	-5.56E-06	1.20E-04	3.53E-06	-2.53E-04	7.41E-05	-4.78E-05				
49	507.88	2.16E-02	9.03E-02	-1.96E-01	5.92E-01	2.19E-01	-1.21E+00	6.49E-01	-5.37E-01	46.66	2.16E-02	5.92E-01	
	-21.00	1.76E-06	4.40E-06	-6.62E-06	4.55E-05	1.68E-05	-9.28E-05	2.59E-05	-1.97E-05				
50	538.67	5.30E-01	4.82E-01	3.09E-01	2.13E+00	8.57E-01	-2.62E+00	2.63E+00	-1.62E+00	44.68	2.62E+00	-2.29E-01	
	-10.00	5.87E-06	4.02E-06	-2.63E-06	1.63E-04	6.59E-05	-2.01E-04	8.67E-05	-7.68E-05				
51	484.67	-6.64E+00	-4.57E+00	-4.83E+00	-1.30E-01	5.21E-01	-3.45E-01	-4.56E+00	-6.65E+00	-86.42	-4.57E+00	1.30E-01	
	8.00	-7.91E-05	6.49E-07	-9.62E-06	-1.00E-05	4.01E-05	-2.65E-05	9.62E-07	-7.95E-05				
52	507.00	1.64E+00	1.98E+00	1.18E+00	1.08E+00	4.00E-01	1.18E+00	2.90E+00	7.08E-01	49.45	2.67E+00	6.81E-01	
	9.00	1.02E-05	2.33E-05	-7.19E-06	8.34E-05	3.07E-05	9.06E-05	5.90E-05	-2.54E-05				
53	603.00	5.05E-02	6.51E-02	9.85E-02	8.68E-01	4.83E-01	-8.32E-01	9.25E-01	-8.10E-01	45.24	-4.89E-01	6.74E-01	
	-18.00	-4.11E-07	1.53E-07	1.43E-06	6.67E-05	3.72E-05	-6.40E-05	3.32E-05	-3.35E-05				
54	712.00	-4.62E-02	2.50E-01	9.61E-02	1.37E+00	1.36E-01	-1.25E+00	1.48E+00	-1.27E+00	48.09	-4.62E-02	1.37E+00	
	-303.00	-5.99E-06	7.46E-06	4.79E-07	1.24E-04	1.23E-05	-1.14E-04	6.32E-05	-6.18E-05				
55	712.00	-7.44E-01	-2.87E-01	-3.35E-01	1.49E+00	4.37E-01	-1.21E+00	9.91E-01	-2.02E+00	49.36	-7.44E-01	1.49E+00	
	-213.00	-1.61E-05	4.68E-06	2.53E-06	1.35E-04	3.98E-05	-1.10E-04	6.28E-05	-7.42E-05				
56	712.00	-1.10E+00	-3.95E-01	-1.77E-01	1.10E+00	1.06E+00	-8.92E-01	4.09E-01	-1.90E+00	53.85	-1.10E+00	1.10E+00	
	-138.00	-1.62E-05	-2.26E-07	4.74E-06	5.01E-05	4.82E-05	-4.05E-05	1.81E-05	-3.45E-05				
57	712.00	-2.71E-01	1.03E-01	1.30E-01	7.13E-01	4.47E-01	-7.98E-01	6.53E-01	-8.21E-01	52.34	-2.71E-01	7.13E-01	
	-78.00	-1.00E-05	4.37E-06	5.42E-06	5.49E-05	3.44E-05	-6.14E-05	2.55E-05	-3.12E-05				
58	712.00	-3.44E-01	-1.42E-01	3.06E-02	9.54E-01	4.11E-01	-8.56E-01	7.16E-01	-1.20E+00	48.02	-3.44E-01	9.54E-01	
	-18.00	-8.22E-06	-4.61E-07	6.18E-06	7.33E-05	3.16E-05	-6.59E-05	3.25E-05	-4.12E-05				
59	837.00	-3.82E+00	-2.06E+00	-2.35E+00	1.13E+00	6.07E-01	-1.01E+00	-1.51E+00	-4.37E+00	63.85	-2.06E+00	-1.13E+00	
	-318.00	-6.65E-05	1.31E-05	.00E+00	1.03E-04	5.52E-05	-9.19E-05	3.84E-05	-9.18E-05				
60	887.00	-4.83E-01	9.94E-02	-1.54E-01	3.02E+00	2.82E-01	-2.09E+00	2.84E+00	-3.22E+00	47.76	2.61E+00	-1.16E+00	
	-288.00	-1.50E-05	1.15E-05	.00E+00	2.74E-04	2.56E-05	-1.90E-04	1.36E-04	-1.40E-04				
61	987.00	7.31E-01	5.86E-01	5.27E-01	3.04E+00	-6.45E-02	-1.73E+00	3.70E+00	-2.38E+00	44.32	7.31E-01	3.04E+00	
	-288.00	9.28E-06	2.70E-06	.00E+00	2.76E-04	-5.87E-06	-1.57E-04	1.44E-04	-1.32E-04				
62	1037.00	-3.64E+00	-2.11E+00	-2.30E+00	2.20E+00	3.89E-01	-1.30E+00	-5.43E-01	-5.20E+00	54.56	-2.11E+00	-2.20E+00	
	-318.00	-6.08E-05	8.57E-06	.00E+00	2.00E-04	3.54E-05	-1.18E-04	7.98E-05	-1.32E-04				
63	862.00	-4.23E-02	5.43E-02	1.73E-01	1.53E+00	1.26E-01	-1.06E+00	1.53E+00	-1.52E+00	45.91	-4.23E-02	1.53E+00	
	-213.00	-4.33E-06	5.94E-08	5.47E-06	1.39E-04	1.15E-05	-9.61E-05	6.72E-05	-7.15E-05				
64	1012.00	2.47E-01	2.22E-01	3.76E-01	1.62E+00	9.20E-03	-9.75E-01	1.86E+00	-1.39E+00	44.78	2.47E-01	1.62E+00	
	-213.00	2.42E-07	-8.88E-07	6.13E-06	1.48E-04	8.37E-07	-8.86E-05	7.34E-05	-7.41E-05				
65	837.00	-2.47E-01	-2.75E-02	4.66E-01	1.18E+00	8.11E-01	-1.19E+00	1.05E+00	-1.32E+00	47.65	-2.75E-02	-1.14E+00	
	-108.00	-6.61E-06	-1.63E-06	9.59E-06	5.37E-05	3.69E-05	-5.43E-05	2.28E-05	-3.11E-05				
66	937.00	-2.59E-01	1.64E-02	4.18E-01	1.99E+00	3.09E-01	-1.21E+00	1.88E+00	-2.12E+00	46.98	1.35E+00	-1.35E+00	
	-128.00	-6.80E-06	-5.17E-07	8.57E-06	9.06E-05	1.40E-05	-5.49E-05	4.17E-05	-4.91E-05				
67	1037.00	-2.00E+00	-3.79E-01	-1.81E-01	1.96E+00	7.64E-01	-1.58E+00	9.35E-01	-3.32E+00	56.22	-3.79E-01	-1.96E+00	
	-148.00	-3.21E-05	4.82E-06	9.33E-06	8.93E-05	3.47E-05	-7.17E-05	3.47E-05	-6.19E-05				
68	837.00	-7.43E-01	-5.55E-01	-2.39E-01	2.17E+00	6.05E-01	-1.28E+00	1.53E+00	-2.82E+00	46.24	-7.43E-01	2.17E+00	
	-68.00	-1.17E-05	-4.45E-06	7.69E-06	1.67E-04	4.65E-05	-9.82E-05	7.56E-05	-9.17E-05				
69	937.00	-8.22E-01	2.66E-01	2.12E-01	1.28E+00	5.76E-01	-1.07E+00	1.12E+00	-1.67E+00	56.49	2.66E-01	-1.28E+00	
	-88.00	-2.78E-05	1.40E-05	1.19E-05	9.87E-05	4.43E-05	-8.25E-05	4.67E-05	-6.05E-05				
70	1037.00	2.07E-01	5.76E-01	7.06E-01	2.17E+00	-1.91E-01	-2.40E+00	2.57E+00	-1.79E+00	47.43	2.02E+00	-1.44E+00	
	-68.00	-8.41E-06	5.81E-06	1.08E-05	1.67E-04	-3.47E-05	-1.85E-04	8.25E-05	-8.51E-05				
71	862.00	-5.40E-01	-2.45E-01	7.92E-02	9.48E-01	4.97E-01	-8.41E-01	5.67E-01	-1.35E+00	49.43	-5.40E-01	9.48E-01	
	-18.00	-1.30E-05	-1.66E-06	1.08E-05	7.30E-05	3.83E-05	-6.47E-05	2.96E-05	-4.43E-05				
72	1012.0[illegible]	[illegible].46E-01	3.60E-01	6.79E-01	1.03E+00	-7.49E-02	[illegible]E-01	1.33E+00	-7.25E-01	46.59	2.46E-01	1.03E[illegible]	
	-18.0[illegible]	[illegible].66E-06	-2.73E-07	1.20E-05	7.90E-05	-5.76E-06	[illegible]E-05	3.71E-05	-4.20E-05				
73	1387[illegible]	2.27E-01	2.64E-01	2.60E-01	1.15E+00	1.75E-02	[illegible]E-01	1.39E+00	-9.00E-01	45.46	2.27E-01	1.[illegible]	

	-203.0[illegible]	[illegible]63E-07	2.14E-06	2.32E-06	1.04E-04	1.59E-06	[illegible]E-05	5.34E-05	-5.08E-05				
74	1387.0[illegible]	[illegible].15E-02	2.39E-02	2.53E-01	1.23E+00	5.86E-02	[illegible]-01	1.28E+00	-1.15E+00	44.60	5.15E-02	1.23E[illegible]	
	-213.00	-2.05E-06	-2.86E-06	7.11E-06	1.12E-04	5.33E-06	-3.64E-05	5.37E-05	-5.86E-05				
75	1387.00	-2.63E-02	1.50E-01	6.23E-01	9.17E-01	1.51E-01	-2.33E-01	9.83E-01	-8.55E-01	47.74	-2.63E-02	9.17E-01	
	-138.00	-4.51E-06	-5.11E-07	1.02E-05	4.17E-05	6.86E-06	-1.06E-05	1.84E-05	-2.34E-05				
76	1187.00	-5.14E-01	-3.56E-01	-5.39E-03	1.30E+00	4.26E-01	2.12E-01	8.66E-01	-1.74E+00	46.74	-5.14E-01	1.30E+00	
	-68.00	-1.01E-05	-4.08E-06	9.42E-06	9.99E-05	3.27E-05	1.63E-05	4.29E-05	-5.72E-05				
77	1387.00	-5.03E-01	-3.38E-01	1.64E-01	7.79E-01	3.01E-01	-5.01E-01	3.63E-01	-1.20E+00	48.02	-3.38E-01	-7.79E-01	
	-88.00	-1.19E-05	-5.56E-06	1.39E-05	6.00E-05	2.31E-05	-3.86E-05	2.14E-05	-3.89E-05				
78	1587.00	3.46E-02	7.07E-02	4.80E-01	8.80E-01	-5.56E-02	4.54E-03	9.32E-01	-8.27E-01	45.59	4.08E-01	-8.05E-01	
	-68.00	-5.10E-06	-3.71E-06	1.20E-05	6.77E-05	-4.28E-06	3.49E-07	2.94E-05	-3.82E-05				
79	1237.00	-6.10E-01	-2.07E-01	1.50E-01	7.97E-01	3.82E-01	-3.20E-01	4.14E-01	-1.23E+00	52.10	-6.10E-01	7.97E-01	
	-18.00	-1.61E-05	-6.24E-07	1.31E-05	6.13E-05	2.93E-05	-2.46E-05	2.32E-05	-4.00E-05				
80	1433.80	-3.63E-01	-1.79E-01	2.89E-01	9.39E-01	1.18E-01	-2.11E-01	6.73E-01	-1.21E+00	47.82	-3.63E-01	9.39E-01	
	-8.00	-1.12E-05	-4.06E-06	1.39E-05	7.22E-05	9.07E-06	-1.62E-05	2.86E-05	-4.39E-05				
81	1533.80	-5.81E-01	-1.55E-01	1.97E-01	5.91E-01	4.78E-02	-1.28E-01	2.61E-01	-9.96E-01	54.90	-1.55E-01	-5.91E-01	
	-28.00	-1.64E-05	-4.17E-08	1.35E-05	4.55E-05	3.68E-06	-9.83E-06	1.59E-05	-3.24E-05				
82	1633.80	-5.27E-01	-1.40E-01	1.94E-01	1.69E-01	-9.49E-02	4.41E-02	-7.67E-02	-5.91E-01	69.41	-7.67E-02	9.82E-05	
	-8.00	-1.51E-05	-1.90E-07	1.27E-05	1.30E-05	-7.30E-06	3.39E-06	2.26E-06	-1.75E-05				
83	1433.80	-2.55E+00	-1.10E+00	-9.02E-01	6.54E-01	7.64E-01	-2.07E-01	-8.51E-01	-2.80E+00	68.98	-1.10E+00	-6.54E-01	
	27.60	-4.81E-05	7.67E-06	1.54E-05	5.03E-05	5.88E-05	-1.59E-05	1.73E-05	-5.77E-05				
84	1296.10	-8.88E-01	-1.03E-01	1.45E-01	7.16E-01	4.03E-01	-3.85E-01	3.21E-01	-1.31E+00	59.36	-5.44E-01	-8.15E-01	
	40.70	-2.48E-05	5.33E-06	1.49E-05	5.51E-05	3.10E-05	-2.96E-05	2.16E-05	-4.12E-05				
85	1148.60	-3.91E-01	1.50E-01	3.57E-01	8.58E-01	4.14E-01	1.49E-01	7.83E-01	-1.02E+00	53.84	6.35E-01	4.94E-01	
	57.33	-1.64E-05	4.67E-06	1.24E-05	6.60E-05	3.18E-05	1.15E-05	2.88E-05	-4.05E-05				
86	1131.40	-3.22E+00	-1.54E+00	-1.24E+00	3.16E-01	1.46E+00	5.86E-02	-1.49E+00	-3.26E+00	79.69	-1.54E+00	-3.16E-01	
	112.00	-5.80E-05	6.59E-06	1.84E-05	2.43E-05	1.13E-04	4.51E-06	8.80E-06	-6.02E-05				
87	1019.80	-9.45E-01	-2.10E-01	4.51E-02	1.00E+00	6.55E-01	-1.65E+00	4.90E-01	-1.65E+00	55.07	-2.10E-01	-1.00E+00	
	34.67	-2.42E-05	4.12E-06	1.39E-05	7.71E-05	5.04E-05	-1.27E-04	3.10E-05	-5.11E-05				
88	886.60	-4.00E-01	-6.91E-02	2.32E-01	7.59E-01	3.07E-01	-8.16E-01	5.43E-01	-1.01E+00	51.14	-4.00E-01	7.59E-01	
	46.00	-1.28E-05	-5.02E-08	1.15E-05	5.84E-05	2.36E-05	-6.28E-05	2.35E-05	-3.63E-05				
89	869.80	-2.16E+00	-9.06E-01	-6.89E-01	3.57E-01	9.29E-01	-8.69E-02	-8.11E-01	-2.25E+00	75.14	-9.06E-01	-3.57E-01	
	96.00	-4.18E-05	6.40E-06	1.47E-05	2.75E-05	7.14E-05	-6.68E-06	1.00E-05	-4.54E-05				
90	952.60	-2.59E-01	1.09E+00	8.20E-01	1.24E+00	4.02E-01	-8.78E-01	1.82E+00	-9.97E-01	59.23	1.50E+00	-9.00E-01	
	128.00	-2.81E-05	2.36E-05	1.35E-05	9.54E-05	3.09E-05	-6.76E-05	5.20E-05	-5.64E-05				
91	869.80	-6.18E-01	-1.52E-01	1.15E-01	4.90E-01	4.61E-01	-2.63E-02	1.57E-01	-9.27E-01	57.70	-6.18E-01	4.90E-01	
	160.00	-1.66E-05	1.33E-06	1.16E-05	3.77E-05	3.54E-05	-2.03E-06	1.32E-05	-2.85E-05				
92	869.80	-2.90E+00	-9.06E-01	-8.60E-01	2.45E-01	1.70E+00	-3.20E-01	-8.76E-01	-2.93E+00	83.08	-9.06E-01	-2.45E-01	
	203.60	-6.02E-05	1.64E-05	1.82E-05	1.89E-05	1.31E-04	-2.46E-05	1.75E-05	-6.13E-05				
93	598.67	1.53E-02	7.83E-02	1.79E-01	1.48E+00	1.22E+00	-1.83E+00	1.53E+00	-1.43E+00	45.61	7.83E-02	-1.48E+00	
	16.00	-2.41E-06	1.67E-08	3.89E-06	1.14E-04	9.40E-05	-1.41E-04	5.57E-05	-5.81E-05				
94	645.75	-2.69E-01	-9.58E-02	1.37E-02	9.47E-01	4.84E-01	-8.12E-01	7.68E-01	-1.13E+00	47.61	-2.69E-01	9.47E-01	
	24.00	-6.49E-06	1.73E-07	4.39E-06	7.28E-05	3.72E-05	-6.25E-05	3.34E-05	-3.97E-05				
95	613.10	-5.38E-01	-7.60E-01	-4.56E-01	1.59E+00	5.56E-01	2.06E-01	9.42E-01	-2.24E+00	43.00	-5.38E-01	1.59E+00	
	69.33	-1.42E-06	-9.96E-06	1.74E-06	1.22E-04	4.27E-05	1.58E-05	5.55E-05	-6.69E-05				
96	708.45	-5.28E-01	-8.43E-02	4.71E-02	7.66E-01	5.02E-01	-5.79E-01	4.92E-01	-1.10E+00	53.07	-5.67E-01	-7.54E-01	
	56.00	-1.41E-05	2.97E-06	8.02E-06	5.90E-05	3.86E-05	-4.46E-05	2.51E-05	-3.62E-05				
97	613.10	-1.65E+00	-6.81E-01	-6.03E-01	4.71E-01	1.79E+00	-3.98E-01	-4.90E-01	-1.84E+00	67.87	-6.81E-01	-4.71E-01	
	96.00	-3.11E-05	6.01E-06	9.03E-06	3.62E-05	1.38E-04	-3.06E-05	1.34E-05	-3.85E-05				
98	682.27	-5.92E-01	-1.45E-01	6.40E-04	9.88E-01	5.59E-01	-4.97E-01	6.44E-01	-1.38E+00	51.38	5.39E-01	-4.49E-01	
	112.00	-1.47E-05	2.52E-06	8.11E-06	7.60E-05	4.29E-05	-3.83E-05	3.29E-05	-4.50E-05				
99	751.43	-1.72E+00	6.17E-01	-2.12E-02	1.19E+00	1.13E+00	-1.57E+00	1.12E+00	-2.22E+00	67.20	6.17E-01	-1.19E+00	
	96.00	-5.38E-05	3.61E-05	1.15E-05	9.17E-05	8.71E-05	-1.21E-04	5.53E-05	-7.30E-05				
100	693.25	-4.32E-01	4.09E-03	1.58E-01	3.86E-01	4.34E-01	-6.12E-01	2.30E-01	-6.57E-01	59.72	-4.32E-01	3.86E-01	
	152.00	-1.36E-05	3.12E-06	9.05E-06	2.97E-05	3.34E-05	-4.71E-05	1.18E-05	-2.23E-05				
101	648.67	-2.55E+00	-1.13E+00	-1.01E+00	1.77E-01	1.22E+00	-2.82E-01	-1.11E+00	-2.57E+00	83.03	-1.13E+00	-1.77E-01	
	192.00	-4.66E-05	8.17E-06	1.27E-05	1.36E-05	9.35E-05	-2.17E-05	9.00E-06	-4.74E-05				
102	725.25	-3.27E-01	2.51E-01	3.58E-01	4.53E-01	3.37E-01	-4.77E-01	5.30E-01	-5.66E-01	62.14	5.02E-03	-5.48E-01	
	232.70	-1.61E-05	7.65E-06	1.02E-05	3.48E-05	2.59E-05	-3.67E-05	1.69E-05	-2.53E-05				
103	635.50	-4.56E-01	-6.21E-01	-1.63E-01	-4.90E-02	2.71E-01	3.33E-01	-4.42E-01	-6.35E-01	-15.33	-4.56E-01	-4.90E-02	
	256.00	-3.91E-06	-1.03E-05	7.36E-06	-3.77E-06	2.09E-05	2.57E-05	-3.39E-06	-1.06E-05				
104	635.50	-7.09E-01	-5.65E-01	-8.79E-02	-9.00E-02	9.31E-01	-2.51E-02	-5.33E-01	-8.21E-01	-70.63	-5.65E-01	9.00E-02	
	290.67	-1.45E-05	-5.89E-06	1.25E-05	-6.02E-06	7.16E-05	-1.03E-06	-4.67E-06	-1.57E-05				
105	569.00	3.12E-01	1.54E-01	1.82E-01	1.59E+00	6.06E-01	-1.52E+00	1.82E+00	-1.35E+00	43.57	3.12E-01	1.59E+00	

	16.50	4.98E-04	-1.19E-06	-1.23E-07	1.22E-04	4.66E-05	-1.17E-04	6.29E-05	-5.92E-05				
106	508.50	3.06E+00	2.09E+00	2.01E+00	1.10E+00	1.43E+00	-4.25E-01	3.78E+00	1.37E+00	33.19	2.09E+00	-1.10E+00	
	13.00	3.80E-05	1.50E-06	-1.47E-06	9.46E-05	1.10E-04	-3.27E-05	6.66E-05	-2.58E-05				
107	521.00	8.86E-01	4.72E-01	3.78E-01	1.54E+00	4.69E-01	-8.02E-01	2.24E+00	-8.79E-01	41.17	8.88E-01	1.54E+00	
	15.75	1.51E-05	-9.30E-07	-4.58E-06	1.19E-04	3.76E-05	-6.17E-05	6.70E-05	-5.29E-05				
108	526.25	7.75E-01	4.12E-01	3.50E-01	1.70E+00	4.22E-01	-8.39E-01	2.30E+00	-1.12E+00	41.96	7.75E-01	1.70E+00	
	21.00	1.29E-05	-1.03E-06	-3.43E-06	1.31E-04	3.24E-05	-6.45E-05	7.17E-05	-5.98E-05				
109	515.50	1.90E+00	1.33E+00	1.33E+00	2.08E+00	1.06E+00	-4.29E-01	3.72E+00	-4.87E-01	41.11	1.33E+00	-2.08E+00	
	26.00	2.30E-05	1.13E-06	9.02E-07	1.60E-04	8.12E-05	-3.30E-05	9.30E-05	-6.88E-05				
110	531.50	3.28E-01	2.62E-01	1.95E-01	1.40E+00	3.08E-01	-7.41E-01	1.70E+00	-1.11E+00	44.33	3.28E-01	1.40E+00	
	34.50	3.98E-06	1.46E-06	-1.12E-06	1.07E-04	2.37E-05	-5.70E-05	5.66E-05	-5.11E-05				
111	515.50	-1.13E+00	-1.75E+00	-1.27E+00	4.04E+00	2.55E-01	6.30E-01	2.61E+00	-5.45E+00	42.82	-1.13E+00	4.04E+00	
	44.00	1.98E-06	-2.17E-05	-3.09E-06	3.11E-04	1.94E-05	4.84E-05	1.46E-04	-1.66E-04				
112	515.50	-4.60E-01	-2.09E-01	-1.92E-01	9.40E-01	6.68E-01	-3.54E-01	8.14E-01	-1.26E+00	48.80	-2.09E-01	-9.40E-01	
	53.33	-8.23E-06	1.42E-06	2.07E-06	7.23E-05	5.14E-05	-2.72E-05	3.31E-05	-3.99E-05				
113	547.50	-3.52E-01	6.09E-01	1.74E-01	1.54E+00	3.72E-01	-1.89E+00	1.74E+00	-1.48E+00	53.68	1.08E+00	-1.30E+00	
	64.00	-1.83E-05	1.87E-05	1.95E-06	1.18E-04	2.86E-05	-1.46E-04	6.21E-05	-6.17E-05				
114	515.50	-1.23E+00	-1.39E+00	-1.03E+00	1.67E+00	1.35E-01	-1.46E-01	3.65E-01	-2.99E+00	43.66	-1.23E+00	1.67E+00	
	74.67	-7.28E-06	-1.33E-05	5.48E-07	1.29E-04	1.04E-05	-1.13E-05	5.41E-05	-7.48E-05				
115	515.50	-2.62E+00	-1.59E+00	-1.60E+00	6.18E-01	4.68E-01	-3.42E-01	-1.30E+00	-2.91E+00	64.93	-1.59E+00	-6.18E-01	
	88.00	-3.70E-05	2.74E-06	2.32E-06	4.75E-05	3.60E-05	-2.63E-05	1.39E-05	-4.81E-05				
116	547.50	-1.39E+00	4.55E-02	-4.57E-01	1.96E+00	2.91E-01	-1.20E+00	1.41E+00	-2.76E+00	55.05	8.83E-01	-1.39E+00	
	104.00	-3.36E-05	2.15E-05	2.18E-06	1.51E-04	2.24E-05	-9.25E-05	7.41E-05	-8.62E-05				
117	515.50	-3.77E-01	-3.53E-01	-1.67E-01	1.37E+00	4.99E-02	-4.35E-01	1.00E+00	-1.73E+00	45.25	-3.77E-01	1.37E+00	
	120.00	-4.65E-06	-3.72E-06	3.43E-06	1.05E-04	3.84E-06	-3.35E-05	4.84E-05	-5.68E-05				
118	515.50	-1.67E+00	-9.57E-01	-8.69E-01	5.27E-01	2.73E-01	-2.85E-01	-6.77E-01	-1.95E+00	62.03	-9.57E-01	-5.27E-01	
	136.00	-2.58E-05	1.61E-06	4.99E-06	4.05E-05	2.10E-05	-2.19E-05	1.24E-05	-3.66E-05				
119	547.50	-1.24E+00	-3.81E-01	-4.79E-01	1.24E+00	1.63E-01	-5.48E-01	4.99E-01	-2.12E+00	54.62	1.51E-01	-8.89E-01	
	152.00	-2.48E-05	8.49E-06	4.70E-06	9.52E-05	1.25E-05	-4.22E-05	4.23E-05	-5.86E-05				
120	515.50	-6.00E-01	-4.93E-01	-2.27E-01	8.74E-01	7.18E-02	-3.47E-02	3.29E-01	-1.42E+00	46.75	-6.00E-01	8.74E-01	
	168.00	-8.64E-06	-4.52E-06	5.93E-06	6.73E-05	5.52E-06	-2.67E-06	2.71E-05	-4.03E-05				
121	515.50	-2.30E+00	-1.35E+00	-1.19E+00	4.02E-01	3.85E-01	-2.09E-01	-1.20E+00	-2.45E+00	69.83	-1.35E+00	-4.02E-01	
	184.00	-3.52E-05	1.21E-06	7.40E-06	3.09E-05	2.96E-05	-1.61E-05	6.89E-06	-4.09E-05				
122	547.50	-6.48E-01	5.97E-01	2.33E-01	1.41E+00	1.85E-01	-9.48E-01	1.51E+00	-1.56E+00	56.95	1.18E+00	-9.47E-01	
	200.00	-2.69E-05	2.10E-05	6.97E-06	1.08E-04	1.42E-05	-7.29E-05	5.61E-05	-6.21E-05				
123	515.50	3.58E-01	5.98E-01	6.78E-01	6.12E-01	-2.33E-02	-7.24E-02	1.10E+00	-1.46E-01	50.55	3.58E-01	6.12E-01	
	216.00	-4.19E-06	5.06E-06	8.11E-06	4.71E-05	-1.79E-06	-5.57E-06	2.44E-05	-2.36E-05				
124	515.50	-6.20E-01	-2.62E-01	-2.27E-02	1.50E-01	1.44E-01	-1.40E-01	-2.08E-01	-6.74E-01	70.05	-2.62E-01	-1.50E-01	
	232.00	-1.30E-05	-1.47E-07	9.07E-06	1.15E-05	1.10E-05	-1.08E-05	1.94E-06	-1.60E-05				
125	547.50	-7.67E-02	2.02E-01	3.61E-01	3.20E-01	3.49E-02	-8.60E-01	4.11E-01	-2.86E-01	56.76	3.36E-01	-2.17E-01	
	248.00	-8.29E-06	2.42E-06	8.54E-06	2.46E-05	2.69E-06	-6.62E-05	1.05E-05	-1.63E-05				
126	515.50	7.96E-01	1.13E+00	1.09E+00	-1.43E-01	-1.59E-01	-3.15E-01	1.18E+00	7.43E-01	-69.66	7.96E-01	-1.43E-01	
	264.00	-2.47E-06	1.03E-05	8.71E-06	-1.10E-05	-1.22E-05	-2.42E-05	1.23E-05	-4.50E-06				
127	515.50	-1.36E-01	1.02E-03	2.17E-01	3.49E-02	-2.33E-01	-8.77E-02	9.44E-03	-1.44E-01	76.45	1.02E-03	-3.49E-02	
	276.00	-6.12E-06	-8.69E-07	7.44E-06	2.69E-06	-1.79E-05	-6.74E-06	-5.45E-07	-6.44E-06				
128	531.50	4.39E-01	2.46E-01	5.57E-01	1.87E-02	-1.42E-01	-5.28E-02	4.41E-01	2.46E-01	5.54	4.39E-01	1.87E-02	
	297.00	3.21E-06	-4.12E-06	7.75E-06	1.44E-06	-1.09E-05	-4.06E-06	3.28E-06	-4.19E-06				
129	515.50	1.51E+00	1.14E+00	1.34E+00	-3.09E-01	-1.46E-01	-1.25E-01	1.68E+00	9.61E-01	-29.38	1.51E+00	-3.09E-01	
	320.00	1.43E-05	-9.59E-08	7.66E-06	-2.38E-05	-1.12E-05	-9.62E-06	2.10E-05	-6.78E-06				
183	565.50	5.55E-02	3.28E-02	-5.59E-02	2.37E+00	7.91E-01	-1.79E+00	2.41E+00	-2.33E+00	44.86	5.55E-02	2.37E+00	
	-8.00	1.73E-06	9.05E-07	-2.50E-06	1.82E-04	6.09E-05	-1.38E-04	9.25E-05	-8.98E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	-.1863E+02	-.1182E+03	.6983E+02	.[illegible]02	.4905E+02	-.3391E+02

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.3594E+01	.1701E+01	.8270E+00	.20[illegible]	-.1337E+02	-.1837E+02
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.3487E+01	-.6200E+00	.4091E+00	.3404E+02	-.3044E+02	-.3351E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.4976E+01	.1092E+01	.1140E+00	.4789E+02	-.4765E+02	-.4925E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.5769E+01	-.9068E+00	.1392E+00	.6213E+02	-.6499E+02	-.6644E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.6353E+00	-.3242E+00	.3429E+00	.8474E+02	-.8229E+02	-.8766E+02
25	.1069E+02	.1751E+01	.9756E-01	.1059E+03	-.9060E+02	-.1087E+03
26	-.1012E+02	-.1377E+01	.8427E-01	.1142E+03	-.9604E+02	-.1241E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5245E+02	-.1058E+02	.2132E+01	.1166E+03	-.1335E+03	-.1367E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1089E+04	.1841E+03	-.4244E+01	.1686E+03	-.3570E+03	-.2193E+03
40	.7281E+03	.1099E+03	.4802E+01	.1577E+03	-.3523E+03	-.2002E+03
41	.4427E+03	.5560E+02	.1137E+02	.1352E+03	-.3194E+03	-.1729E+03
42	.9147E+02	.3952E+01	.9318E+01	.1169E+03	-.2275E+03	-.1503E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.9222E+03	-.1175E+03	-.4634E+01	.2206E+02	-.3783E+03	.1278E+03
48	-.7977E+03	-.1021E+03	-.5410E+01	.6072E+02	-.3486E+03	.9040E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1553E+04	-.2361E+03	-.7424E+01	-.6008E+01	-.2554E+03	.3520E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.3743E+01	.9742E+01	.4894E-01	.1187E+02	-.3713E+03	.1211E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1065E+04	-.1615E+03	-.7366E+01	.1247E+02	-.2045E+03	.3282E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.7473E+03	-.1137E+03	-.9838E+01	.9585E+01	-.1902E+03	.3185E+03
66	-.2545E+03	-.3946E+02	-.1237E+02	.7356E+01	-.1521E+03	.3317E+03
67	.5025E+03	.7439E+02	-.1243E+02	.7345E+01	-.1127E+03	.3303E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.8929E+03	.1331E+03	-.1043E+02	.5087E+02	-.7624E+02	.3438E+03
76	-.9700E+02	-.1493E+02	-.7280E+01	.6590E+02	-.2970E+02	.3521E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3784E+03	.5694E+02	-.5432E+01	.7278E+02	.2664E+02	.3385E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1575E+03	-.2317E+02	-.3927E+01	.9564E+02	.6117E+02	.3334E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2235E+03	.3448E+02	-.3524E+01	.7528E+02	.1098E+03	.3065E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1399E+03	-.1973E+02	-.2925E+01	.6445E+02	.1388E+03	.2788E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1627E+03	.2605E+02	-.2960E+01	.6427E+02	.1797E+03	.2519E+03
109	-.9600E+02	-.1249E+02	-.2606E+01	.6293E+02	.2066E+03	.2172E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1380E+03	.2296E+02	-.2511E+01	.3813E+02	.2383E+03	.1833E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.8417E+02	.1504E+02	-.5209E+00	.2197E+02	.2522E+03	.1472E+03
115	.1987E+02	.5527E+01	.1742E+00	.4504E+01	.2546E+03	.1086E+03
116	.9000E+02	.1636E+02	.1059E+01	-.5151E+01	.2659E+03	.8715E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.8267E+02	.1540E+02	.1928E+01	.8050E+01	.2728E+03	.7289E+02
119	.5896E+02	.1161E+02	.2861E+01	-.2086E+02	.2475E+03	.4712E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1434E+03	.1817E+02	.8789E+01	-.1797E+02	.2110E+03	.2843E+02
122	.1223E+03	.8174E+01	.1406E+02	.8261E+01	.2036E+03	.2420E+02
123	.9284E+02	.5306E+01	.1229E+02	.6070E+01	.1777E+03	.2171E+02
124	.6783E+02	.3803E+01	.8466E+01	.4546E+01	.1462E+03	.1969E+02
125	.4428E+02	.1757E+01	.6193E+01	.3279E+01	.1207E+03	.1777E+02
126	.1315E+02	-.3081E+01	.5766E+01	.1662E+01	.1013E+03	.1571E+02
127	-.9801E+01	-.6902E+01	.5872E+01	.5415E+00	.8633E+02	.1311E+02
128	-.3299E+02	-.9983E+01	.5540E+01	-.2065E+01	.5577E+02	.1019E+02
129	-.3319E+02	-.8613E+01	.4566E+01	-.3289E+01	.3130E+02	.7672E+01
130	-.2297E+02	-.5255E+01	.3247E+01	-.3580E+01	.1348E+02	.5978E+01
131	-.5956E+01	-.9314E+00	.2086E+01	-.3112E+01	.4135E+01	.5002E+01
[illegible]	.7266E+00	.4383E+00	.1519E+01	-.1952E+01	.4811E+01	.4366E+01
[illegible]	.1151E+01	.3532E+00	.1408E+01	-.128[illegible]	.5823E+01	.3704E+01
[illegible]	.3200E+00	.1018E+00	.1416E+01	-.[illegible]	.4952E+01	.2921E+01

	.4244E-02	.4624E-02	.1596E+01	-.[illegible]00	.3526E+01	.2150E+01
	-.1590E-01	.6448E-02	.2120E+01	-.5[illegible]00	.2272E+01	.1433E+01
137	-.4310E-01	-.1459E-01	.3331E+01	-.3909E+00	.1025E+01	.7836E+00
138	.1183E-01	.7589E-01	.5558E+02	-.2794E+00	-.2765E+00	.3968E+00
139	.5631E-01	.9129E-01	-.1868E+02	-.4257E-01	.1497E+00	-.1544E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.96053E-02	-.42451E-04	.95806E-02	.00000E+00
3	-.17296E-01	-.16542E-03	.17294E-01	.00000E+00
4	-.18672E-01	-.17211E-03	.18647E-01	.00000E+00
5	-.20051E-01	.48179E-05	.20058E-01	.00000E+00
6	-.22347E-01	-.19303E-06	.22346E-01	-.51105E-05
7	-.20721E-01	-.39912E-03	.20941E-01	.00000E+00
8	-.22400E-01	-.29734E-03	.22453E-01	-.88216E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.94696E-02	-.12750E-03	.95123E-02	.00000E+00
11	-.17322E-01	-.25959E-03	.17485E-01	.00000E+00
12	-.19211E-01	-.30245E-03	.19411E-01	.00000E+00
13	-.20703E-01	-.23289E-03	.20772E-01	.00000E+00
14	-.22514E-01	-.31732E-03	.22740E-01	-.27828E-05
15	-.20925E-01	-.64316E-03	.21603E-01	.00000E+00
16	-.22689E-01	-.53189E-03	.23213E-01	.63365E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.95187E-02	-.21285E-03	.97454E-02	.00000E+00
19	-.17578E-01	-.40504E-03	.18086E-01	.00000E+00
20	-.19545E-01	-.49452E-03	.20167E-01	.00000E+00
21	-.21127E-01	-.35631E-03	.21660E-01	.00000E+00
22	-.22927E-01	-.40734E-03	.23879E-01	-.21037E-05
23	-.21601E-01	-.10233E-02	.23056E-01	.00000E+00
24	-.23229E-01	-.89672E-03	.24758E-01	-.84270E-05
25	-.23445E-01	-.10363E-02	.25336E-01	-.45256E-06
26	-.23570E-01	-.10909E-02	.25682E-01	-.40677E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.94368E-02	-.41741E-03	.97756E-02	.00000E+00
29	-.17822E-01	-.80169E-03	.18450E-01	.00000E+00
30	-.19896E-01	-.92321E-03	.20930E-01	.00000E+00
31	-.21753E-01	-.10008E-02	.23192E-01	.00000E+00
32	-.23702E-01	-.12594E-02	.26068E-01	-.23602E-04
33	-.21668E-01	-.15324E-02	.23090E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.93272E-02	-.58152E-03	.96819E-02	.00000E+00
36	-.17990E-01	-.99019E-03	.18336E-01	.00000E+00
37	-.20053E-01	-.10983E-02	.20696E-01	.00000E+00
38	-.22252E-01	-.13938E-02	.23855E-01	.00000E+00
39	-.23963E-01	-.17836E-02	.26730E-01	.11279E-04
40	-.23022E-01	-.18243E-02	.26577E-01	-.29689E-05
41	-.23883E-01	-.17364E-02	.26436E-01	-.12292E-04
42	-.23808E-01	-.15350E-02	.26273E-01	-.20593E-04
43	-.19660E-01	-.14206E-02	.19514E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.84667E-02	-.12362E-03	.82997E-02	.00000E+00
46	-.17591E-01	-.94355E-03	.16770E-01	.00000E+00
47	-.23982E-01	-.16850E-02	.26782E-01	.11354E-04
48	-.23977E-01	-.17342E-02	.26781E-01	.17051E-04
49	-.22217E-01	-.14336E-02	.23617E-01	.00000E+00
50	-.24194E-01	-.17351E-02	.26870E-01	.52625E-04
51	-.22320E-01	-.15770E-02	.22570E-01	.00000E+00
52	-.24288E-01	-.15341E-02	.24731E-01	.00000E+00
53	-.23995E-01	-.16163E-02	.26787E-01	.29189E-05
54	-.19491E-01	-.99302E-03	.17689E-01	.00000E+00

55	-.21966E-01	-.13318E-02	.19326E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.71494E-02	-.85305E-03	.53269E-02	.00000E+00
58	-.15318E-01	-.57549E-03	.59864E-02	.00000E+00
59	-.25355E-01	-.12217E-02	.22581E-01	.00000E+00
60	-.25027E-01	-.14312E-02	.23762E-01	.00000E+00
61	-.24309E-01	-.17381E-02	.26928E-01	.81826E-04
62	-.18076E-01	-.49258E-03	.11953E-01	.00000E+00
63	-.20944E-01	-.50519E-03	.15331E-01	.00000E+00
64	-.25495E-01	-.15622E-02	.25064E-01	.00000E+00
65	-.24676E-01	-.17410E-02	.26981E-01	.10263E-03
66	-.25356E-01	-.17452E-02	.27088E-01	.12430E-03
67	-.26112E-01	-.17478E-02	.27206E-01	.11869E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.55169E-02	.46019E-04	.25693E-02	.00000E+00
70	-.15923E-01	-.16314E-03	.83416E-02	.00000E+00
71	-.24363E-01	-.43654E-03	.17141E-01	.00000E+00
72	-.26143E-01	-.14832E-02	.24965E-01	.00000E+00
73	-.19543E-01	-.19620E-03	.82849E-02	.00000E+00
74	-.27751E-01	-.14898E-02	.26136E-01	.00000E+00
75	-.26748E-01	-.17495E-02	.27307E-01	.90651E-04
76	-.27609E-01	-.17790E-02	.27538E-01	.63930E-04
77	-.22692E-01	.24700E-05	.11581E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.64880E-02	-.28839E-03	.27540E-02	.00000E+00
80	-.14914E-01	.12701E-03	.58415E-02	.00000E+00
81	-.16418E-01	.20318E-03	.59660E-02	.00000E+00
82	-.18615E-01	.31587E-03	.88263E-02	.00000E+00
83	-.27155E-01	-.26672E-03	.18849E-01	.00000E+00
84	-.24950E-01	.24427E-03	.12808E-01	.00000E+00
85	-.28588E-01	-.17899E-02	.27792E-01	.51310E-04
86	-.28767E-01	-.15510E-02	.27163E-01	.00000E+00
87	-.22491E-01	.27734E-03	.92974E-02	.00000E+00
88	-.28632E-01	-.10909E-02	.23169E-01	.00000E+00
89	-.29265E-01	-.18272E-02	.28071E-01	.41262E-04
90	-.16055E-01	.20976E-03	-.18600E-02	.00000E+00
91	-.17432E-01	.41074E-03	-.89434E-03	.00000E+00
92	-.18882E-01	.20123E-03	-.48692E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.65944E-02	.00000E+00	-.16356E-02	.00000E+00
95	-.12351E-01	.00000E+00	-.28966E-02	.00000E+00
96	-.14331E-01	.00000E+00	-.28327E-02	.00000E+00
97	-.14862E-01	.00000E+00	-.36447E-02	.00000E+00
98	-.14423E-01	.00000E+00	-.39111E-02	.00000E+00
99	-.16227E-01	.60136E-04	-.34175E-02	.00000E+00
100	-.21330E-01	.20529E-03	.28132E-02	.00000E+00
101	-.26767E-01	-.15722E-03	.12216E-01	.00000E+00
102	-.30308E-01	-.18563E-02	.28441E-01	.37006E-04
103	-.28398E-01	-.44491E-03	.18729E-01	.00000E+00
104	-.30737E-01	-.17454E-02	.28106E-01	.00000E+00
105	-.31031E-01	-.18359E-02	.28773E-01	.31355E-04
106	-.29879E-01	-.56338E-03	.21884E-01	.00000E+00
107	-.31861E-01	-.17688E-02	.28222E-01	.00000E+00
108	-.31848E-01	-.19043E-02	.29059E-01	.29842E-04
109	-.32442E-01	-.19167E-02	.29313E-01	.25460E-04
110	-.31746E-01	-.15620E-02	.23330E-01	.00000E+00
111	-.33147E-01	-.20265E-02	.29813E-01	.00000E+00
112	-.33084E-01	-.19280E-02	.29495E-01	.22728E-04
113	-.32847E-01	-.13176E-02	.25474E-01	.00000E+00
114	-.33436E-01	-.19041E-02	.29657E-01	.77935E-05
115	-.33521E-01	-.18034E-02	.29741E-01	.56665E-06
116	-.33448E-01	-.18475E-02	.29789E-01	-.64219E-05
	-.33315E-01	-.21530E-02	.29761E-01	.00000E+00
	-.33356E-01	-.18372E-02	.29799E-01	.1885E-04

	-.33047E-01	-.18137E-02	.29731E-01	[illegible]839E-04
	-.33406E-01	-.18422E-02	.29732E-01	[illegible]0000E+00
	-.32477E-01	-.17582E-02	.29754E-01	.29954E-04
122	-.32416E-01	-.15222E-02	.29800E-01	-.35136E-04
123	-.32327E-01	-.12370E-02	.29834E-01	-.39223E-04
124	-.32226E-01	-.10455E-02	.29869E-01	-.43883E-04
125	-.32094E-01	-.76294E-03	.29903E-01	-.49339E-04
126	-.31941E-01	-.23096E-03	.29959E-01	-.55357E-04
127	-.31572E-01	.33077E-03	.30013E-01	-.55653E-04
128	-.31067E-01	.14589E-02	.30123E-01	-.44702E-04
129	-.30725E-01	.22732E-02	.30224E-01	-.29949E-04
130	-.30531E-01	.27789E-02	.30333E-01	-.10834E-04
131	-.30547E-01	.27419E-02	.30499E-01	.81036E-05
132	-.30710E-01	.22474E-02	.30645E-01	.12832E-04
133	-.30853E-01	.17250E-02	.30773E-01	.10304E-04
134	-.30940E-01	.13316E-02	.30877E-01	.78802E-05
135	-.30997E-01	.10084E-02	.30961E-01	.70323E-05
136	-.31039E-01	.69552E-03	.31022E-01	.71488E-05
137	-.31063E-01	.38748E-03	.31058E-01	.71126E-05
138	-.31079E-01	.59979E-04	.31080E-01	.74793E-05
139	-.31080E-01	.72781E-05	.31080E-01	.72989E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-7.70E-03	-3.88E-02	-1.67E-02	-1.17E+00	-3.30E-03	1.17E+00	1.15E+00	-1.19E+00	-44.62	-7.70E-03	-1.17E+00
	-303.00	4.71E-07	-9.44E-07	6.26E-08	-1.06E-04	-3.00E-07	1.07E-04	5.29E-05	-5.34E-05			
2	72.00	-9.98E-03	-5.97E-02	-4.72E-03	-9.57E-01	-2.15E-03	9.81E-01	9.27E-01	-9.87E-01	-44.41	-9.98E-03	-9.57E-01
	-213.00	3.83E-07	-1.42E-06	6.22E-07	-8.70E-05	-1.95E-07	8.92E-05	4.30E-05	-4.40E-05			
3	72.00	-1.26E-01	-5.74E-02	1.18E-02	-6.16E-01	4.73E-02	6.70E-01	5.25E-01	-7.08E-01	-46.59	-1.26E-01	-6.16E-01
	-138.00	-1.96E-06	-4.05E-07	1.17E-06	-2.80E-05	2.15E-06	3.05E-05	1.28E-05	-1.52E-05			
4	24.00	-6.69E-01	-3.72E-01	-4.54E-01	-1.11E+00	1.73E-01	1.20E+00	6.04E-01	-1.65E+00	-48.79	-6.69E-01	-1.11E+00
	-68.00	-9.31E-06	2.11E-06	-1.02E-06	-8.57E-05	1.33E-05	9.24E-05	3.97E-05	-4.68E-05			
5	72.00	2.52E-01	1.11E-01	2.46E-01	-5.06E-01	-3.62E-02	5.52E-01	6.92E-01	-3.29E-01	-41.04	1.11E-01	5.06E-01
	-88.00	2.99E-06	-2.42E-06	2.77E-06	-3.89E-05	-2.79E-06	4.24E-05	1.99E-05	-1.93E-05			
6	120.00	1.43E-01	1.55E-01	1.80E-01	-9.43E-01	-5.21E-02	9.54E-01	1.09E+00	-7.94E-01	-45.18	-7.77E-01	1.76E-01
	-68.00	2.59E-07	7.08E-07	1.66E-06	-7.26E-05	-4.01E-06	7.34E-05	3.68E-05	-3.58E-05			
7	36.25	-2.48E-01	-9.44E-02	-6.75E-02	-5.09E-01	6.49E-02	4.87E-01	3.43E-01	-6.86E-01	-49.30	-2.31E-01	-5.11E-01
	-19.00	-5.04E-06	8.76E-07	1.91E-06	-3.91E-05	4.99E-06	3.75E-05	1.77E-05	-2.19E-05			
8	108.00	2.42E-02	4.53E-02	7.56E-02	-3.78E-01	-6.37E-03	4.27E-01	4.13E-01	-3.43E-01	-45.80	2.42E-02	-3.78E-01
	-19.00	-6.64E-07	1.50E-07	1.31E-06	-2.91E-05	-4.90E-07	3.29E-05	1.43E-05	-1.48E-05			
9	216.00	-8.07E-02	-1.19E-01	-7.01E-02	-1.16E+00	5.47E-03	1.18E+00	1.06E+00	-1.26E+00	-44.53	-8.07E-02	-1.16E+00
	-303.00	-1.71E-07	-1.89E-06	3.12E-07	-1.06E-04	4.98E-07	1.07E-04	5.19E-05	-5.39E-05			
10	216.00	-1.02E-01	-1.18E-01	-5.43E-02	-9.81E-01	1.99E-02	1.01E+00	8.71E-01	-1.05E+00	-44.76	-1.02E-01	-9.81E-01
	-213.00	-1.06E-06	-1.81E-06	1.09E-06	-9.92E-05	1.81E-06	9.18E-05	4.32E-05	-4.60E-05			
11	216.00	-1.37E-01	-9.48E-02	2.94E-02	-7.33E-01	6.56E-02	7.72E-01	6.17E-01	-8.49E-01	-45.82	-1.37E-01	-7.33E-01
	-138.00	-2.05E-06	-1.09E-06	1.73E-06	-3.33E-05	2.98E-06	3.51E-05	1.51E-05	-1.82E-05			
12	168.00	-3.53E-01	-3.60E-01	-2.42E-01	-1.09E+00	1.35E-01	1.09E+00	7.35E-01	-1.45E+00	-44.91	-3.53E-01	-1.09E+00
	-68.00	-3.09E-06	-3.36E-06	1.19E-06	-8.40E-05	1.04E-05	8.37E-05	3.88E-05	-4.52E-05			
13	216.00	3.43E-01	1.18E-01	2.89E-01	-4.70E-01	-3.05E-02	4.96E-01	7.14E-01	-2.53E-01	-38.25	1.18E-01	4.70E-01
	-88.00	4.95E-06	-3.72E-06	2.88E-06	-3.61E-05	-2.35E-06	3.82E-05	1.92E-05	-1.80E-05			
14	264.00	1.46E-02	1.43E-01	1.49E-01	-9.33E-01	-2.03E-02	9.82E-01	1.01E+00	-8.56E-01	-46.97	-8.27E-01	2.31E-01
	-68.00	-2.81E-06	2.13E-06	2.36E-06	-7.17E-05	-1.56E-06	7.56E-05	3.56E-05	-3.63E-05			
15	180.00	-9.45E-02	-1.49E-02	3.11E-02	-4.57E-01	9.07E-02	4.32E-01	4.03E-01	-5.15E-01	-47.43	-9.45E-02	-4.57E-01
	-19.00	-2.75E-06	2.31E-07	2.08E-06	-3.52E-05	6.98E-06	3.32E-05	1.64E-05	-1.89E-05			
16	252.00	-7.30E-02	2.01E-02	7.59E-02	-3.62E-01	3.06E-02	4.54E-01	3.39E-01	-3.92E-01	-48.66	-7.30E-02	-3.62E-01
	-19.00	-3.06E-06	5.19E-07	2.67E-06	-2.79E-05	2.35E-06	3.49E-05	1.28E-05	-1.53E-05			
17	361.00	-1.18E-01	-2.02E-01	-1.16E-01	-1.17E+00	-3.17E-03	1.20E+00	1.01E+00	-1.33E+00	-43.98	-1.18E-01	-1.17E+00
	-303.00	2.80E-07	-3.50E-06	3.92E-07	-1.06E-04	-2.88E-07	1.09E-04	5.14E-05	-5.46E-05			
18	361.00	-1.26E-01	-1.84E-01	-8.78E-02	-1.03E+00	1.90E-03	1.05E+00	8.73E-01	-1.16E+00	-44.19	-1.26E-01	-1.03E+00

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	-212.00	-5.45E-07	-3.21E-06	1.18E-06	-9.34E-05	1.73E-07	9.58E-05	4.48E-05	-4.86E-05				
19	361.00	-1.43E-01	-1.40E-01	2.42E-02	-8.01E-01	4.22E-02	8.76E-01	6.57E-01	-9.46E-01	-45.17	-1.49E-01	-8.01E-01	
	-138.00	-2.00E-06	-1.79E-06	1.94E-06	-3.64E-05	1.92E-06	3.08E-05	1.63E-05	-2.01E-05				
20	312.00	-6.23E-01	-5.67E-01	-4.05E-01	-1.25E+00	2.26E-01	1.29E+00	6.54E-01	-1.85E+00	-45.71	-6.28E-01	-1.25E+00	
	-68.00	-6.58E-06	-4.21E-06	2.00E-06	-9.63E-05	1.74E-05	9.95E-05	4.28E-05	-5.35E-05				
21	360.67	5.74E-01	3.26E-01	4.66E-01	-6.25E-01	-9.11E-02	7.24E-01	1.09E+00	-1.87E-01	-39.39	3.26E-01	6.25E-01	
	-88.00	7.07E-06	-2.46E-06	2.90E-06	-4.80E-05	-7.01E-06	5.57E-05	2.66E-05	-2.22E-05				
22	409.33	-3.92E-01	-5.20E-01	-2.72E-01	-1.19E+00	-9.44E-03	1.47E+00	7.38E-01	-1.65E+00	-43.46	-1.64E+00	1.84E-01	
	-68.00	-2.05E-06	-7.00E-06	2.55E-06	-9.17E-05	-7.26E-07	1.13E-04	4.14E-05	-5.05E-05				
23	324.00	-2.07E-01	-5.01E-02	2.26E-02	-4.89E-01	1.61E-01	4.66E-01	3.66E-01	-6.24E-01	-49.56	-2.07E-01	-4.89E-01	
	-19.00	-5.39E-06	6.81E-07	3.45E-06	-3.76E-05	1.24E-05	3.59E-05	1.67E-05	-2.14E-05				
24	372.00	-1.03E-01	1.34E-01	1.55E-01	-1.22E+00	1.58E-01	1.31E+00	1.24E+00	-1.21E+00	-47.78	-1.03E-01	-1.22E+00	
	-9.33	-6.00E-06	3.10E-06	3.91E-06	-9.35E-05	1.21E-05	1.01E-04	4.55E-05	-4.84E-05				
25	401.25	-8.63E-02	-4.75E-03	1.20E-01	-4.07E-01	4.30E-02	5.55E-01	3.64E-01	-4.55E-01	-47.86	3.01E-01	-2.17E-01	
	-19.00	-3.64E-06	-5.00E-07	4.30E-06	-3.13E-05	3.31E-06	4.27E-05	1.37E-05	-1.78E-05				
26	427.67	-6.62E-01	-6.28E-01	-3.94E-01	-1.40E+00	2.20E-01	1.88E+00	7.58E-01	-2.05E+00	-45.35	-1.49E+00	-1.12E+00	
	-9.33	-6.97E-06	-5.63E-06	3.36E-06	-1.08E-04	1.70E-05	1.45E-04	4.77E-05	-6.03E-05				
27	457.00	-1.49E-01	-2.57E-01	-1.67E-01	-1.17E+00	-1.54E-02	1.20E+00	9.46E-01	-1.39E+00	-43.18	-1.49E-01	-1.17E+00	
	-303.00	1.19E-06	-5.55E-06	3.79E-07	-1.06E-04	-1.40E-06	1.09E-04	5.09E-05	-5.53E-05				
28	457.00	-1.14E-01	-2.23E-01	-1.05E-01	-1.08E+00	-3.56E-02	1.08E+00	9.10E-01	-1.25E+00	-43.55	-1.14E-01	-1.08E+00	
	-213.00	5.65E-07	-4.41E-06	9.72E-07	-9.79E-05	-3.23E-06	9.78E-05	4.71E-05	-5.09E-05				
29	457.00	-2.03E-01	-1.81E-01	-2.84E-02	-8.62E-01	-1.17E-01	9.33E-01	6.71E-01	-1.05E+00	-45.36	-2.03E-01	-8.62E-01	
	-138.00	-2.44E-06	-1.96E-06	1.52E-06	-3.92E-05	-5.31E-06	4.24E-05	1.74E-05	-2.16E-05				
30	442.00	-4.07E-01	-9.02E-01	-4.38E-01	-1.43E+00	-8.60E-02	1.47E+00	8.01E-01	-2.11E+00	-40.11	-4.07E-01	-1.43E+00	
	-68.00	3.53E-06	-1.55E-05	2.36E-06	-1.10E-04	-6.61E-06	1.13E-04	5.00E-05	-6.20E-05				
31	457.33	1.68E+00	6.72E-01	9.91E-01	-5.04E-01	-8.27E-01	8.23E-01	1.89E+00	4.62E-01	-22.53	6.72E-01	5.04E-01	
	-88.00	2.78E-05	-1.09E-05	1.41E-06	-3.88E-05	-6.36E-05	6.33E-05	3.59E-05	-1.89E-05				
32	472.67	-2.89E+00	-2.64E+00	-2.16E+00	-1.22E+00	4.35E-01	1.92E+00	-1.54E+00	-3.95E+00	-47.88	-3.65E+00	-8.52E-01	
	-68.00	-2.66E-05	-1.71E-05	1.36E-06	-9.39E-05	3.35E-05	1.48E-04	2.54E-05	-6.90E-05				
33	443.00	-2.93E-01	-2.79E-01	-7.08E-02	-7.40E-01	5.37E-02	7.43E-01	4.54E-01	-1.03E+00	-45.26	-2.93E-01	-7.40E-01	
	-19.50	-4.20E-06	-3.68E-06	4.34E-06	-5.69E-05	4.13E-06	5.72E-05	2.45E-05	-3.24E-05				
34	454.00	-2.30E+00	-1.81E+00	-1.53E+00	-1.82E+00	5.31E-01	2.42E+00	-2.21E-01	-3.89E+00	-48.85	-3.02E+00	-1.56E+00	
	-11.33	-2.65E-05	-7.60E-06	3.13E-06	-1.40E-04	4.09E-05	1.86E-04	5.35E-05	-8.76E-05				
35	461.67	-7.90E-01	-1.04E+00	-6.18E-01	-1.71E+00	1.27E-01	2.49E+00	8.05E-01	-2.63E+00	-42.96	-7.90E-01	-1.71E+00	
	-12.00	-3.54E-06	-1.30E-05	3.08E-06	-1.32E-04	9.76E-06	1.92E-04	5.78E-05	-7.43E-05				
36	469.00	1.33E+00	4.28E-01	8.28E-01	-1.85E-01	-7.47E-01	1.02E+00	1.37E+00	3.92E-01	-11.13	4.28E-01	1.85E-01	
	-30.00	2.28E-05	-1.20E-05	3.42E-06	-1.42E-05	-5.75E-05	7.86E-05	2.42E-05	-1.34E-05				
37	476.33	-1.28E+00	-1.77E+00	-1.10E+00	-1.18E+00	1.37E-01	2.08E+00	-3.22E-01	-2.73E+00	-39.18	-1.76E+00	-1.18E+00	
	-12.00	-3.74E-06	-2.24E-05	3.37E-06	-9.06E-05	1.06E-05	1.60E-04	3.32E-05	-5.93E-05				
38	558.50	7.60E-03	-1.37E-01	-4.96E-02	-1.07E+00	-4.92E-02	1.10E+00	1.01E+00	-1.14E+00	-43.07	7.60E-03	-1.07E+00	
	-303.00	2.68E-06	-3.92E-06	7.51E-08	-9.75E-05	-4.48E-06	1.00E-04	4.82E-05	-4.95E-05				
39	558.50	-6.83E-02	-2.58E-01	-1.49E-01	-1.06E+00	-1.02E-01	1.06E+00	8.94E-01	-1.25E+00	-41.91	-6.83E-02	-1.06E+00	
	-213.00	3.60E-06	-6.86E-06	-8.85E-08	-9.65E-05	-9.30E-06	9.63E-05	4.69E-05	-5.02E-05				
40	506.17	5.93E-02	-6.35E-01	-1.21E-01	-2.34E+00	-3.51E-01	2.21E+00	2.07E+00	-2.65E+00	-40.78	5.93E-02	-2.34E+00	
	-128.00	5.00E-06	-1.08E-05	9.01E-07	-1.06E-04	-1.60E-05	1.00E-04	5.08E-05	-5.66E-05				
41	558.50	8.61E-01	-3.99E-01	5.45E-02	-1.06E+00	-7.91E-01	1.55E+00	1.46E+00	-1.00E+00	-29.65	-3.99E-01	1.06E+00	
	-146.00	1.69E-05	-1.18E-05	-1.47E-06	-4.82E-05	-3.60E-05	7.03E-05	3.06E-05	-2.55E-05				
42	610.83	-1.86E-01	-6.89E-01	-3.39E-01	-2.03E+00	-4.82E-01	1.71E+00	1.61E+00	-2.45E+00	-41.47	-2.46E+00	2.90E-01	
	-128.00	2.15E-06	-9.30E-06	-1.34E-06	-9.24E-05	-2.19E-05	7.79E-05	4.30E-05	-5.01E-05				
43	501.38	2.07E-01	-6.08E-02	1.22E-01	-5.36E-01	-2.90E-01	6.62E-01	6.26E-01	-4.79E-01	-37.97	2.07E-01	-5.36E-01	
	-78.00	5.02E-06	-5.29E-06	1.74E-06	-4.12E-05	-2.23E-05	5.09E-05	2.11E-05	-2.14E-05				
44	534.67	-4.09E-01	-5.13E-01	-3.79E-01	-1.73E+00	-1.87E-01	2.25E+00	1.27E+00	-2.19E+00	-44.14	-2.16E+00	2.50E-01	
	-68.00	-1.44E-06	-5.43E-06	-2.74E-07	-1.33E-04	-1.44E-05	1.73E-04	6.32E-05	-7.01E-05				
45	584.67	2.70E-01	3.52E-02	1.13E-01	-1.58E+00	-5.34E-01	1.32E+00	1.74E+00	-1.44E+00	-42.89	2.70E-01	-1.58E+00	
	-68.00	5.78E-06	-3.23E-06	-2.51E-07	-1.22E-04	-4.11E-05	1.01E-04	6.24E-05	-5.95E-05				
46	610.83	1.64E+00	2.85E-01	6.61E-01	-8.73E-01	-8.37E-01	1.13E+00	2.07E+00	-1.43E-01	-26.13	2.85E-01	8.73E-01	
	-88.00	3.46E-05	-1.74E-05	-2.95E-06	-6.72E-05	-6.44E-05	8.66E-05	5.10E-05	-3.39E-05				
47	482.63	5.34E-03	-1.93E-01	8.66E-02	-3.84E-01	-2.37E-01	7.64E-01	3.03E-01	-4.90E-01	-37.76	5.34E-03	-3.84E-01	
	-21.00	1.31E-06	-6.31E-06	4.44E-06	-2.95E-05	-1.82E-05	5.88E-05	1.28E-05	-1.78E-05				
48	485.83	-7.40E-01	-1.09E+00	-6.26E-01	-1.09E+00	-3.40E-02	2.32E+00	1.91E-01	-2.02E+00	-40.47	-8.82E-01	-1.10E+00	
	-12.00	-1.49E-06	-1.49E-05	2.88E-06	-8.39E-05	-2.62E-06	1.79E-04	3.43E-05	-5.07E-05				
49	507.88	-6.37E-02	-7.24E-02	8.33E-02	-4.17E-01	-1.73E-01	8.59E-01	3.60E-01	-4.76E-01	-44.61	-4.37E-02	-4.17E-01	
	-21.00	[illegible]32E-06	-2.43E-06	3.57E-06	-3.21E-05	-1.33E-05	[illegible]-05	1.42E-05	-1.79E-05				
50	538.[illegible]	[illegible]5E-01	-3.01E-01	-2.65E-01	-1.51E+00	-6.42E-01	[illegible]+00	1.16E+00	-1.66E+00	-45.99	-1.85E+00	1.98[illegible]	

	-10.00	[illegible]31E-06	-8.61E-07	4.65E-07	-1.16E-04	-4.94E-05	[illegible]-04	5.53E-05	-6.11E-05				
51	484.67	[illegible].79E+00	3.28E+00	3.43E+00	8.23E-02	-3.45E-01	[illegible]-01	4.78E+00	3.26E+00	3.13	3.28E+00	-8.23E	
	8.00	5.75E-05	-1.42E-07	5.78E-06	6.33E-06	-3.04E-05	1.83E-05	5.77E-05	-3.15E-07				
52	507.00	-1.24E+00	-1.47E+00	-9.28E-01	-8.06E-01	-3.02E-01	-9.21E-01	-5.38E-01	-2.17E+00	-40.93	-2.00E+00	-4.97E-01	
	0.00	-7.55E-06	-1.64E-05	3.95E-06	-6.20E-05	-2.32E-05	-7.08E-05	1.93E-05	-4.33E-05				
53	603.00	-6.39E-02	-5.89E-02	-1.45E-01	-6.20E-01	-3.78E-01	5.84E-01	5.58E-01	-6.81E-01	-45.12	3.23E-01	-4.86E-01	
	-18.00	4.81E-07	6.74E-07	-2.62E-06	-4.77E-05	-2.91E-05	4.49E-05	2.44E-05	-2.33E-05				
54	712.00	2.31E-02	-1.95E-01	-9.09E-02	-9.83E-01	-1.01E-01	8.37E-01	9.03E-01	-1.08E+00	-41.85	2.21E-02	-9.83E-01	
	-303.00	4.42E-06	-5.43E-06	-7.09E-07	-8.94E-05	-9.20E-06	7.60E-05	4.44E-05	-4.54E-05				
55	712.00	5.30E-01	1.99E-01	2.02E-01	-1.07E+00	-3.29E-01	8.06E-01	1.45E+00	-7.16E-01	-40.60	5.30E-01	-1.07E+00	
	-213.00	1.20E-05	-3.05E-06	-2.90E-06	-9.71E-05	-2.95E-05	7.33E-05	5.36E-05	-4.46E-05				
56	712.00	7.94E-01	2.69E-01	3.41E-02	-7.90E-01	-8.16E-01	5.70E-01	1.36E+00	-3.01E-01	-35.80	7.94E-01	-7.90E-01	
	-138.00	1.23E-05	3.54E-07	-4.98E-06	-3.59E-05	-3.71E-05	2.59E-05	2.52E-05	-1.26E-05				
57	712.00	1.74E-01	-9.93E-02	-1.76E-01	-5.12E-01	-3.48E-01	5.58E-01	5.67E-01	-4.92E-01	-37.53	1.74E-01	-5.12E-01	
	-78.00	7.79E-06	-2.70E-06	-5.65E-06	-3.94E-05	-2.68E-05	4.29E-05	2.29E-05	-1.78E-05				
58	712.00	2.31E-01	9.72E-02	-1.01E-01	-6.80E-01	-3.26E-01	5.65E-01	8.47E-01	-5.15E-01	-42.19	2.31E-01	-6.80E-01	
	-18.00	6.38E-06	1.24E-06	-6.37E-06	-5.23E-05	-2.51E-05	4.34E-05	3.01E-05	-2.25E-05				
59	837.00	2.73E+00	1.47E+00	1.68E+00	-8.12E-01	-3.91E-01	6.51E-01	3.13E+00	1.08E+00	-26.12	1.47E+00	8.12E-01	
	-318.00	4.77E-05	-9.48E-06	.00E+00	-7.39E-05	-3.55E-05	5.92E-05	6.58E-05	-2.76E-05				
60	887.00	3.51E-01	-7.63E-02	1.10E-01	-2.16E+00	-2.02E-01	1.28E+00	2.31E+00	-2.03E+00	-42.18	-1.87E+00	8.27E-01	
	-288.00	1.10E-05	-8.46E-06	.00E+00	-1.96E-04	-1.84E-05	1.16E-04	9.98E-05	-9.73E-05				
61	987.00	-5.23E-01	-4.29E-01	-3.81E-01	-2.17E+00	1.35E-02	9.65E-01	1.69E+00	-2.64E+00	-45.62	-5.23E-01	-2.17E+00	
	-288.00	-6.47E-06	-2.19E-06	.00E+00	-1.97E-04	1.23E-06	8.77E-05	9.42E-05	-1.03E-04				
62	1037.00	2.57E+00	1.48E+00	1.62E+00	-1.56E+00	-2.02E-01	6.73E-01	3.68E+00	3.69E-01	-35.38	1.48E+00	1.56E+00	
	-318.00	4.33E-05	-6.41E-06	.00E+00	-1.42E-04	-1.84E-05	6.12E-05	9.38E-05	-5.65E-05				
63	862.00	1.79E-02	-4.98E-02	-1.72E-01	-1.09E+00	-1.01E-01	6.36E-01	1.07E+00	-1.16E+00	-44.11	1.79E-02	-1.09E+00	
	-213.00	3.46E-06	3.80E-07	-5.16E-06	-9.88E-05	-9.19E-06	5.79E-05	5.13E-05	-4.75E-05				
64	1012.00	-1.95E-01	-1.72E-01	-3.24E-01	-1.15E+00	-2.15E-02	5.42E-01	9.69E-01	-1.34E+00	-45.28	-1.95E-01	-1.15E+00	
	-213.00	1.37E-07	1.15E-06	-5.76E-06	-1.05E-04	-1.95E-06	4.93E-05	5.30E-05	-5.18E-05				
65	837.00	2.32E-01	1.86E-02	-4.43E-01	-8.43E-01	-7.84E-01	7.61E-01	9.75E-01	-7.24E-01	-41.39	1.86E-02	8.43E-01	
	-148.00	6.28E-06	1.43E-06	-9.06E-06	-3.83E-05	-3.56E-05	3.46E-05	2.32E-05	-1.54E-05				
66	937.00	1.92E-01	-7.81E-03	-4.08E-01	-1.41E+00	-2.61E-01	6.84E-01	1.50E+00	-1.32E+00	-42.97	-9.49E-01	9.49E-01	
	-128.00	5.53E-06	9.57E-07	-8.09E-06	-6.39E-05	-1.19E-05	3.11E-05	3.53E-05	-2.88E-05				
67	1037.00	1.44E+00	3.09E-01	2.54E-02	-1.40E+00	-5.59E-01	1.01E+00	2.39E+00	-6.33E-01	-33.97	3.09E-01	1.40E+00	
	-148.00	2.35E-05	-2.30E-06	-8.75E-06	-6.36E-05	-2.54E-05	4.57E-05	4.49E-05	-2.37E-05				
68	837.00	5.75E-01	4.46E-01	1.42E-01	-1.53E+00	-5.16E-01	6.76E-01	2.05E+00	-1.02E+00	-43.79	5.75E-01	-1.53E+00	
	-68.00	9.34E-06	4.37E-06	-7.32E-06	-1.18E-04	-3.97E-05	5.20E-05	6.59E-05	-5.22E-05				
69	937.00	5.76E-01	-2.42E-01	-2.72E-01	-9.38E-01	-4.74E-01	7.51E-01	1.19E+00	-8.57E-01	-33.23	-2.42E-01	9.38E-01	
	-88.00	2.15E-05	-9.98E-06	-1.12E-05	-7.22E-05	-3.65E-05	5.78E-05	4.51E-05	-3.36E-05				
70	1037.00	-1.92E-01	-4.26E-01	-6.15E-01	-1.58E+00	1.78E-01	1.74E+00	1.28E+00	-1.90E+00	-42.87	-1.49E+00	1.07E+00	
	-68.00	6.19E-06	-2.90E-06	-1.01E-05	-1.22E-04	1.37E-05	1.34E-04	6.28E-05	-5.95E-05				
71	862.00	3.84E-01	1.75E-01	-1.48E-01	-6.79E-01	-4.14E-01	5.57E-01	9.67E-01	-4.07E-01	-40.64	3.84E-01	-6.79E-01	
	-18.00	1.02E-05	2.23E-06	-1.02E-05	-5.22E-05	-3.18E-05	4.29E-05	3.27E-05	-2.02E-05				
72	1012.00	-2.20E-01	-2.83E-01	-6.09E-01	-7.27E-01	7.01E-02	4.07E-01	4.76E-01	-9.79E-01	-43.76	-2.20E-01	-7.27E-01	
	-18.00	3.76E-06	1.33E-06	-1.12E-05	-5.59E-05	5.40E-06	3.13E-05	3.05E-05	-2.54E-05				
73	1387.00	-1.71E-01	-2.05E-01	-2.17E-01	-7.97E-01	-1.65E-02	6.89E-02	6.09E-01	-9.85E-01	-44.40	-1.71E-01	-7.97E-01	
	-303.00	-8.87E-08	-1.60E-06	-2.16E-06	-7.24E-05	-1.50E-06	6.27E-06	3.54E-05	-3.71E-05				
74	1387.00	-5.11E-02	-4.54E-02	-2.40E-01	-8.65E-01	-4.84E-02	1.12E-01	8.17E-01	-9.14E-01	-45.10	-5.11E-02	-8.65E-01	
	-213.00	2.05E-06	2.31E-06	-6.54E-06	-7.87E-05	-4.40E-06	1.02E-05	4.15E-05	-3.72E-05				
75	1387.00	1.04E-02	-1.32E-01	-5.72E-01	-6.45E-01	-1.16E-01	3.32E-02	5.88E-01	-7.10E-01	-41.85	1.04E-02	-6.45E-01	
	-138.00	3.87E-06	6.35E-07	-9.36E-06	-2.93E-05	-5.25E-06	1.51E-06	1.70E-05	-1.25E-05				
76	1187.00	4.01E-01	2.76E-01	-4.98E-02	-9.78E-01	-3.49E-01	-4.58E-01	1.22E+00	-5.42E-01	-42.96	4.01E-01	-8.78E-01	
	-68.00	8.53E-06	3.72E-06	-8.81E-06	-6.76E-05	-2.68E-05	-3.53E-05	4.00E-05	-2.77E-05				
77	1387.00	3.84E-01	2.59E-01	-1.93E-01	-5.73E-01	-2.41E-01	3.16E-01	8.98E-01	-2.55E-01	-41.89	2.59E-01	5.73E-01	
	-88.00	9.83E-06	5.02E-06	-1.24E-05	-4.41E-05	-1.86E-05	2.43E-05	2.96E-05	-1.46E-05				
78	1587.00	-7.83E-02	-9.47E-02	-4.63E-01	-6.12E-01	6.33E-02	-1.41E-01	5.26E-01	-6.95E-01	-44.62	-3.30E-01	5.62E-01	
	-68.00	3.98E-06	3.35E-06	-1.09E-05	-4.71E-05	4.87E-06	-1.09E-05	2.72E-05	-1.95E-05				
79	1237.00	4.42E-01	1.49E-01	-1.99E-01	-5.69E-01	-2.97E-01	1.52E-01	8.83E-01	-2.91E-01	-37.78	4.42E-01	-5.69E-01	
	-18.00	1.27E-05	1.43E-06	-1.20E-05	-4.37E-05	-2.26E-05	1.17E-05	2.97E-05	-1.55E-05				
80	1433.80	2.62E-01	1.60E-01	-2.86E-01	-6.65E-01	-7.12E-02	7.92E-02	8.79E-01	-4.58E-01	-42.81	2.62E-01	-6.66E-01	
	-8.00	8.58E-06	4.76E-06	-1.25E-05	-5.13E-05	-5.48E-06	6.09E-06	3.23E-05	-1.91E-05				
81	1533.80	4.13E-01	1.21E-01	-2.26E-01	-4.37E-01	-7.67E-03	4.75E-02	7.28E-01	-1.95E-01	-35.76	1.21E-01	4.37E-01	
	-28.00	1.25E-05	1.26E-06	-1.21E-05	-3.37E-05	-5.50E-07	3.66E-06	2.46E-05	-1.05E-05				
82	1633.80	3.44E-01	7.67E-02	-2.44E-01	-1.10E-01	1.07E-01	-6.62E-02	3.84E-01	3.71E-02	-19.75	3.72E-02	-5.15E-03	

3704

	-8.00	1.13E-05	1.00E-06	-1.13E-05	-3.49E-06	8.23E-06	-5.09E-06	1.28E-05	-5.22E-07				
83	1432.80	1.87E+00	9.14E-01	5.75E-01	-4.53E-01	-5.60E-01	1.13E-01	2.06E+00	6.28E-01	-21.16	8.14E-01	4.81E-01	
	27.60	3.61E-05	-4.49E-06	-1.37E-05	-3.70E-05	4.31E-05	8.66E-06	4.32E-05	-1.16E-05				
84	1296.10	6.42E-01	7.63E-02	-2.00E-01	-5.26E-01	-3.05E-01	2.76E-01	9.57E-01	-2.38E-01	-30.87	3.99E-01	5.96E-01	
	40.70	1.90E-05	-2.77E-06	-1.34E-05	-4.05E-05	-2.34E-05	2.12E-05	3.11E-05	-1.49E-05				
85	1148.60	2.73E-01	-1.09E-01	-3.53E-01	-5.96E-01	-3.02E-01	-2.43E-01	7.06E-01	-5.44E-01	-36.12	-4.41E-01	-3.44E-01	
	57.33	1.26E-05	-2.12E-06	-1.15E-05	-4.59E-05	-2.32E-05	-1.67E-05	2.93E-05	-1.88E-05				
86	1131.40	2.36E+00	1.11E+00	7.95E-01	-2.33E-01	-1.11E+00	-8.26E-02	2.41E+00	1.07E+00	-10.20	1.11E+00	2.33E-01	
	112.00	4.40E-05	-4.18E-06	-1.64E-05	-1.79E-05	-8.57E-05	-6.36E-06	4.56E-05	-5.79E-06				
87	1019.80	7.07E-01	1.59E-01	-1.25E-01	-7.40E-01	-5.32E-01	1.26E+00	1.22E+00	-3.57E-01	-34.82	1.58E-01	7.40E-01	
	34.67	1.91E-05	-2.17E-06	-1.29E-05	-5.69E-05	-4.09E-05	9.57E-05	3.85E-05	-2.19E-05				
88	886.60	2.67E-01	4.31E-02	-2.74E-01	-5.44E-01	-2.47E-01	5.64E-01	7.10E-01	-4.00E-01	-39.19	2.67E-01	-5.44E-01	
	48.00	9.87E-06	1.26E-06	-1.09E-05	-4.18E-05	-1.90E-05	4.34E-05	2.69E-05	-1.58E-05				
89	869.80	1.55E+00	6.30E-01	3.63E-01	-2.47E-01	-7.61E-01	-3.63E-02	1.61E+00	5.67E-01	-14.13	6.30E-01	2.47E-01	
	96.00	3.16E-05	-3.71E-06	-1.40E-05	-1.90E-05	-5.85E-05	-2.79E-06	3.40E-05	-6.10E-06				
90	952.60	1.53E-01	-7.52E-01	-7.20E-01	-9.05E-01	-2.99E-01	6.38E-01	7.01E-01	-1.34E+00	-31.21	-1.10E+00	6.64E-01	
	128.00	2.09E-05	-1.55E-05	-1.27E-05	-6.96E-05	-2.30E-05	4.91E-05	4.19E-05	-3.66E-05				
91	869.80	4.43E-01	1.40E-01	-1.71E-01	-3.39E-01	-3.61E-01	-4.84E-02	6.63E-01	-7.96E-02	-32.92	4.43E-01	-3.39E-01	
	160.00	1.25E-05	8.49E-07	-1.11E-05	-2.60E-05	-2.78E-05	-3.72E-06	2.10E-05	-7.58E-06				
92	869.80	2.09E+00	6.34E-01	4.80E-01	-1.82E-01	-1.38E+00	2.29E-01	2.11E+00	6.11E-01	-7.02	6.34E-01	1.82E-01	
	203.60	4.51E-05	-1.08E-05	-1.67E-05	-1.40E-05	-1.06E-04	1.76E-05	4.60E-05	-1.17E-05				
93	598.67	-5.55E-03	-5.77E-02	-1.96E-01	-1.05E+00	-1.01E+00	1.33E+00	1.02E+00	-1.08E+00	-44.29	-5.77E-02	1.05E+00	
	16.00	2.61E-06	6.07E-07	-4.63E-06	-8.06E-05	-7.79E-05	1.02E-04	4.19E-05	-3.87E-05				
94	645.75	1.76E-01	6.75E-02	-9.30E-02	-6.71E-01	-3.91E-01	5.62E-01	7.95E-01	-5.52E-01	-42.69	1.76E-01	-6.71E-01	
	24.00	5.01E-06	8.31E-07	-4.96E-06	-5.16E-05	-3.01E-05	4.32E-05	2.88E-05	-2.30E-05				
95	613.10	4.17E-01	6.07E-01	3.16E-01	-1.12E+00	-4.81E-01	-3.40E-01	1.64E+00	-6.16E-01	-47.41	4.17E-01	-1.12E+00	
	69.33	1.34E-06	8.64E-06	-2.63E-06	-8.65E-05	-3.70E-05	-2.61E-05	4.84E-05	-3.84E-05				
96	708.45	3.58E-01	5.92E-02	-1.24E-01	-5.68E-01	-4.09E-01	3.72E-01	7.76E-01	-3.59E-01	-37.38	4.02E-01	5.33E-01	
	56.00	1.05E-05	-9.46E-07	-7.98E-06	-4.21E-05	-3.14E-05	2.86E-05	2.66E-05	-1.70E-05				
97	613.10	1.16E+00	4.46E-01	3.20E-01	-3.30E-01	-1.55E+00	2.78E-01	1.29E+00	3.17E-01	-21.32	4.46E-01	3.30E-01	
	96.00	2.36E-05	-4.05E-06	-9.91E-06	-2.54E-05	-1.19E-04	2.14E-05	2.85E-05	-9.01E-06				
98	682.27	4.29E-01	1.19E-01	-7.24E-02	-6.88E-01	-4.83E-01	2.58E-01	9.79E-01	-4.31E-01	-38.65	-3.58E-01	3.13E-01	
	112.00	1.13E-05	-6.53E-07	-8.01E-06	-5.29E-05	-3.72E-05	1.99E-05	3.24E-05	-2.18E-05				
99	751.43	1.21E+00	-4.49E-01	-9.64E-02	-9.51E-01	-8.94E-01	1.11E+00	1.57E+00	-8.07E-01	-22.83	-4.49E-01	8.51E-01	
	96.00	3.93E-05	-2.46E-05	-1.11E-05	-6.54E-05	-6.88E-05	8.53E-05	5.31E-05	-3.84E-05				
100	683.25	2.77E-01	-3.34E-02	-2.21E-01	-2.74E-01	-3.78E-01	4.65E-01	4.37E-01	-1.93E-01	-30.25	2.77E-01	-2.74E-01	
	152.00	1.04E-05	-1.53E-06	-8.76E-06	-2.11E-05	-2.91E-05	3.57E-05	1.66E-05	-7.68E-06				
101	648.67	1.80E+00	7.52E-01	5.72E-01	-1.07E-01	-1.07E+00	1.71E-01	1.81E+00	7.42E-01	-5.77	7.52E-01	1.07E-01	
	192.00	3.48E-05	-5.37E-06	-1.23E-05	-8.21E-06	-8.22E-05	1.32E-05	3.53E-05	-5.78E-06				
102	725.25	2.12E-01	-2.29E-01	-3.60E-01	-3.28E-01	-3.00E-01	3.80E-01	3.86E-01	-4.03E-01	-28.06	-2.22E-02	3.95E-01	
	232.70	1.23E-05	-4.65E-06	-9.69E-06	-2.52E-05	-2.31E-05	2.03E-05	1.90E-05	-1.14E-05				
103	635.50	3.57E-01	5.31E-01	1.07E-01	5.55E-02	-2.43E-01	-3.49E-01	5.47E-01	3.40E-01	73.77	3.57E-01	5.55E-02	
	256.00	2.79E-06	9.50E-06	-6.82E-06	4.27E-06	-1.87E-05	-2.69E-05	1.01E-05	2.17E-06				
104	635.50	5.11E-01	3.80E-01	-6.60E-02	9.32E-02	-8.42E-01	2.01E-02	5.51E-01	3.40E-01	25.91	3.80E-01	-8.32E-02	
	290.67	1.06E-05	5.55E-06	-1.16E-05	6.40E-06	-6.48E-05	1.55E-06	1.21E-05	4.00E-06				
105	569.00	-2.79E-01	-1.29E-01	-2.13E-01	-1.12E+00	-4.64E-01	1.10E+00	9.23E-01	-1.33E+00	-46.91	-2.79E-01	-1.12E+00	
	16.50	-3.90E-06	1.88E-06	-1.38E-06	-8.65E-05	-3.57E-05	8.44E-05	4.23E-05	-4.43E-05				
106	508.50	-2.35E+00	-1.62E+00	-1.60E+00	-8.07E-01	-1.12E+00	2.90E-01	-1.10E+00	-2.87E+00	-57.16	-1.62E+00	8.07E-01	
	12.00	-2.91E-05	-1.02E-06	-5.07E-07	-6.21E-05	-8.58E-05	2.23E-05	1.90E-05	-4.91E-05				
107	521.00	-6.76E-01	-3.41E-01	-3.35E-01	-1.11E+00	-3.72E-01	5.60E-01	6.15E-01	-1.63E+00	-49.28	-6.76E-01	-1.11E+00	
	15.75	-1.11E-05	1.73E-06	1.99E-06	-9.55E-05	-2.86E-05	4.31E-05	3.85E-05	-4.79E-05				
108	526.25	-5.95E-01	-3.04E-01	-3.18E-01	-1.22E+00	-3.23E-01	5.88E-01	7.79E-01	-1.66E+00	-48.41	-5.95E-01	-1.22E+00	
	21.00	-9.52E-06	1.69E-06	1.14E-06	-9.38E-05	-2.49E-05	4.52E-05	4.33E-05	-5.12E-05				
109	515.50	-1.48E+00	-1.04E+00	-1.09E+00	-1.51E+00	-8.48E-01	2.92E-01	2.65E-01	-2.79E+00	-49.08	-1.04E+00	1.51E+00	
	26.00	-1.71E-05	-4.39E-07	-2.32E-06	-1.16E-04	-6.53E-05	2.25E-05	4.99E-05	-6.74E-05				
110	531.50	-2.74E-01	-2.03E-01	-2.11E-01	-1.01E+00	-2.39E-01	5.29E-01	7.68E-01	-1.25E+00	-46.01	-2.74E-01	-1.01E+00	
	34.50	-2.98E-06	-2.60E-07	-5.45E-07	-7.74E-05	-1.84E-05	4.07E-05	3.71E-05	-4.03E-05				
111	515.50	8.11E-01	1.28E+00	8.78E-01	-2.91E+00	-2.04E-01	-7.24E-01	3.97E+00	-1.87E+00	-47.32	8.11E-01	-2.91E+00	
	44.00	-1.48E-06	1.67E-05	1.09E-06	-2.24E-04	-1.57E-05	-5.57E-05	1.20E-04	-1.05E-04				
112	515.50	2.51E-01	8.40E-02	2.02E-02	-6.77E-01	-5.63E-01	2.44E-01	8.50E-01	-5.14E-01	-41.48	8.40E-02	6.77E-01	
	53.33	5.76E-06	-6.75E-07	-3.13E-06	-5.21E-05	-4.33E-05	1.88E-05	2.88E-05	-2.37E-05				
113	547.50	[illegible]81E-01	-5.03E-01	-2.36E-01	-1.10E+00	-2.98E-01	1.54E+00	9.95E-01	-1.32E+00	-36.41	-8.42E-01	9.36E-01	
	64.00	[illegible]31E-05	-1.32E-05	-2.95E-06	-8.50E-05	-2.29E-05	[illegible]E-04	4.44E-05	-4.45E-05				
114	51[illegible]	[illegible]57E-01	9.89E-01	6.82E-01	-1.21E+00	-1.03E-01	[illegible]-02	2.13E+00	-2.87E-01	-46.56	8.57E-01	-1.2[illegible]	

	74.[illegible]	[illegible]10E-06	1.02E-05	-1.54[illegible]-06	-9.29E-05	-7.52E-06	[illegible]-07	5.43E-05	-3.88E-05				
115	515.50	[illegible]91E+00	1.09E+00	1.65E+00	-4.48E-01	-3.79E-01	[illegible]-01	2.03E+00	8.72E-01	-25.41	1.09E+00	4.48E-[illegible]	
	88.00	2.64E-05	-1.63E-06	-3.11E-06	-3.44E-05	-2.51E-05	1.[illegible]4E-05	3.46E-05	-9.82E-06				
116	547.50	2.63E-01	-4.42E-02	2.61E-01	-1.42E+00	-2.22E-01	8.94E-01	1.97E+00	-1.05E+00	-35.24	-6.53E-01	1.02E+00	
	104.00	2.41E-05	-1.47E-05	-2.93E-06	-1.09E-04	-1.70E-05	6.87E-05	6.27E-05	-5.33E-05				
117	515.50	2.28E-01	2.37E-01	5.41E-02	-9.97E-01	-4.34E-02	2.25E-01	1.23E+00	-7.64E-01	-45.13	2.28E-01	-9.97E-01	
	120.00	3.07E-06	3.41E-06	-3.62E-06	-7.67E-05	-3.34E-06	1.73E-05	4.16E-05	-3.51E-05				
118	515.50	1.09E+00	5.55E-01	4.63E-01	-3.83E-01	-2.44E-01	1.90E-01	1.29E+00	3.84E-01	-28.95	5.95E-01	3.83E-01	
	136.00	1.77E-05	-7.65E-07	-5.10E-06	-2.94E-05	-1.87E-05	1.53E-05	2.58E-05	-8.91E-06				
119	547.50	8.91E-01	3.19E-01	3.05E-01	-3.77E-01	-1.21E-01	3.63E-01	1.52E+00	-3.21E-01	-36.11	-6.12E-02	6.42E-01	
	152.00	1.74E-05	-4.28E-06	-4.81E-06	-6.75E-05	-1.01E-05	2.79E-05	4.20E-05	-2.89E-05				
120	515.50	4.31E-01	2.93E-01	1.33E-01	-6.31E-01	-7.74E-02	-1.29E-01	1.04E+00	-2.19E-01	-44.14	4.31E-01	-6.31E-01	
	168.00	6.06E-06	4.61E-06	-5.41E-06	-4.85E-05	-5.96E-06	-9.95E-06	2.56E-05	-1.85E-05				
121	515.50	1.55E+00	8.89E-01	7.18E-01	-2.86E-01	-3.76E-01	1.43E-01	1.66E+00	7.82E-01	-20.50	8.89E-01	2.86E-01	
	184.00	2.49E-05	-4.69E-07	-7.06E-06	-2.20E-05	-2.89E-05	1.10E-05	2.90E-05	-4.58E-06				
122	547.50	4.15E-01	-4.48E-01	-2.85E-01	-9.96E-01	-1.72E-01	7.07E-01	1.07E+00	-1.10E+00	-33.29	-8.66E-01	6.76E-01	
	200.00	1.91E-05	-1.41E-05	-6.65E-06	-7.66E-05	-1.32E-05	5.44E-05	4.43E-05	-3.92E-05				
123	515.50	-2.37E-01	-3.70E-01	-4.96E-01	-4.32E-01	-2.38E-02	-1.46E-01	1.33E-01	-7.41E-01	-40.62	-2.37E-01	-4.32E-01	
	216.00	3.01E-06	-2.11E-06	-6.96E-06	-3.32E-05	-1.83E-06	-1.12E-05	1.73E-05	-1.64E-05				
124	515.50	3.58E-01	1.12E-01	-1.18E-01	-9.69E-02	-2.45E-01	9.67E-02	3.92E-01	7.89E-02	-19.12	1.12E-01	9.69E-02	
	232.00	9.00E-06	4.46E-07	-8.41E-06	-7.45E-06	-1.88E-05	7.44E-06	1.12E-05	-8.46E-07				
125	547.50	-9.68E-02	-2.03E-01	-4.44E-01	-2.19E-01	-8.56E-02	8.13E-01	4.90E-02	-4.35E-01	-31.83	-3.93E-01	1.42E-01	
	248.00	5.83E-06	-2.50E-06	-7.92E-06	-1.68E-05	-6.58E-06	6.26E-05	1.11E-05	-7.72E-06				
126	515.50	-6.22E-01	-8.45E-01	-8.54E-01	1.29E-01	9.15E-02	1.11E-01	-5.63E-01	-9.04E-01	24.55	-6.22E-01	1.29E-01	
	264.00	1.58E-06	-7.00E-06	-7.33E-06	9.90E-06	7.04E-06	8.55E-06	3.84E-06	-9.26E-06				
127	515.50	-3.36E-02	-1.04E-01	-3.06E-01	-5.81E-03	7.69E-02	6.48E-02	-3.31E-02	-1.05E-01	-4.65	-1.04E-01	5.81E-03	
	276.00	3.59E-06	8.63E-07	-6.89E-06	-4.47E-07	5.92E-06	4.98E-06	3.61E-06	8.45E-07				
128	531.50	-4.01E-01	-2.16E-01	-4.92E-01	-3.44E-03	8.14E-02	4.04E-02	-2.16E-01	-4.01E-01	-88.93	-4.01E-01	-3.44E-03	
	297.00	-3.24E-06	3.89E-06	-6.74E-06	-2.65E-07	6.26E-06	3.11E-06	3.88E-06	-3.24E-06				
129	515.50	-1.18E+00	-7.81E-01	-1.01E+00	2.60E-01	7.91E-02	-2.57E-02	-6.52E-01	-1.31E+00	63.65	-1.18E+00	2.60E-01	
	320.00	-1.26E-05	2.61E-06	-6.32E-06	2.00E-05	6.09E-06	-1.98E-06	7.56E-06	-1.76E-05				
183	565.50	-5.95E-02	1.98E-02	2.37E-04	-1.69E+00	-6.06E-01	1.23E+00	1.67E+00	-1.71E+00	-45.67	-5.95E-02	-1.69E+00	
	-8.00	-1.85E-06	1.19E-06	4.43E-07	-1.30E-04	-4.66E-05	9.46E-05	6.45E-05	-6.52E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.1409E+02	.8912E+02	-.4088E+02	-.1390E+02	-.2699E+02	.1955E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2507E+01	-.1175E+01	-.5361E+00	-.1433E+02	.7565E+01	.1165E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2433E+01	.4362E+00	-.2667E+00	-.2407E+02	.1718E+02	.2146E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.3424E+01	-.7675E+00	-.6520E-01	-.3403E+02	.2714E+02	.3166E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4164E+01	.6670E+00	-.9407E-01	-.4426E+02	.3724E+02	.4288E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.6536E+00	.1940E+00	-.2335E+00	-.5060E+02	.4732E+02	.5710E+02

25	-.7243E+01	-.1103E+01	-.6264E-01	-.7557E+02	.5208E+02	.7143E+02
26	.7098E+01	.5709E+00	-.5548E-01	-.8152E+02	.5639E+02	.8195E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.3664E+02	.7326E+01	-.1500E+01	-.8330E+02	.7904E+02	.9060E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.7574E+03	-.1286E+03	.3276E+01	-.1216E+03	.2115E+03	.1470E+03
40	-.5119E+03	-.7773E+02	-.3041E+01	-.1136E+03	.2085E+03	.1338E+03
41	-.3168E+03	-.4027E+02	-.7803E+01	-.9756E+02	.1890E+03	.1150E+03
42	-.6600E+02	-.3174E+01	-.6538E+01	-.8387E+02	.1343E+03	.9972E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.6888E+03	.8877E+02	.3370E+01	-.1682E+02	.2266E+03	-.9337E+02
48	.5979E+03	.7702E+02	.4019E+01	-.4251E+02	.2087E+03	-.6545E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1121E+04	.1701E+03	.5459E+01	.8900E+01	.1530E+03	-.2415E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2796E+01	-.6321E+01	-.1334E+00	-.9070E+01	.2716E+03	-.8903E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.7689E+03	.1164E+03	.5403E+01	-.4879E+01	.1209E+03	-.2236E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.5392E+03	.8181E+02	.7186E+01	-.2676E+01	.1104E+03	-.2167E+03
66	.1822E+03	.2803E+02	.9011E+01	-.7346E+00	.8269E+02	-.2258E+03
67	-.3635E+03	-.5405E+02	.9058E+01	-.5077E+00	.5347E+02	-.2245E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.6450E+03	-.9647E+02	.7548E+01	-.3274E+02	.2458E+02	-.2409E+03
76	.7091E+02	.1060E+02	.5257E+01	-.4366E+02	-.1048E+02	-.2485E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.2743E+03	-.4157E+02	.3929E+01	-.4824E+02	-.5150E+02	-.2382E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.1143E+03	.1450E+02	.2816E+01	-.[illegible]02	-.7614E+02	-.2364E+03
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1623E+03	-.2534E+02	.2537E+01	-.4963E+02	-.1113E+03	-.2163E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1011E+03	.1395E+02	.2097E+01	-.4103E+02	-.1318E+03	-.1960E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1179E+03	-.1919E+02	.2109E+01	-.4148E+02	-.1614E+03	-.1776E+03
109	.7020E+02	.8842E+01	.1856E+01	-.4031E+02	-.1801E+03	-.1528E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1005E+03	-.1701E+02	.1766E+01	-.2337E+02	-.2032E+03	-.1304E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.6091E+02	-.1117E+02	.3031E+00	-.1242E+02	-.2121E+03	-.1060E+03
115	-.1776E+02	-.4808E+01	-.2573E+00	.4777E+00	-.2137E+03	-.7925E+02
116	-.7337E+02	-.1339E+02	-.1059E+01	.6572E+01	-.2213E+03	-.6612E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6749E+02	-.1261E+02	-.1777E+01	-.2680E+01	-.2260E+03	-.5324E+02
119	-.5223E+02	-.1011E+02	-.2628E+01	.1646E+02	-.2041E+03	-.3705E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1144E+03	-.1406E+02	-.7015E+01	.1239E+02	-.1709E+03	-.2397E+02
122	-.9738E+02	-.5672E+01	-.1071E+02	-.6844E+01	-.1643E+03	-.1851E+02
123	-.7348E+02	-.3537E+01	-.9320E+01	-.5036E+01	-.1431E+03	-.1650E+02
124	-.5325E+02	-.2519E+01	-.6419E+01	-.3781E+01	-.1175E+03	-.1488E+02
125	-.3421E+02	-.9864E+00	-.4690E+01	-.2739E+01	-.9672E+02	-.1333E+02
126	-.9098E+01	.2862E+01	-.4359E+01	-.1403E+01	-.8072E+02	-.1168E+02
127	.9300E+01	.5902E+01	-.4420E+01	-.4821E+00	-.6831E+02	-.9613E+01
128	.2765E+02	.8286E+01	-.4099E+01	.1654E+01	-.4324E+02	-.7306E+01
129	.2743E+02	.7084E+01	-.3296E+01	.2647E+01	-.2338E+02	-.5352E+01
130	.1878E+02	.4282E+01	-.2250E+01	.2876E+01	-.9130E+01	-.4101E+01
131	.4773E+01	.7441E+00	-.1353E+01	.2481E+01	-.1984E+01	-.3444E+01
132	-.6117E+00	-.3577E+00	-.9661E+00	.1542E+01	-.2915E+01	-.3060E+01
133	-.9429E+00	-.2851E+00	-.9120E+00	.1010E+01	-.3974E+01	-.2626E+01
134	-.2603E+00	-.7888E-01	-.9285E+00	.7662E+00	-.3488E+01	-.2077E+01
135	.2506E-02	-.4770E-03	-.1049E+01	.5926E+00	-.2460E+01	-.1528E+01
136	.1462E-01	-.2404E-02	-.1395E+01	.4209E+00	-.1576E+01	-.1017E+01
137	.3387E-01	.1173E-01	-.2211E+01	.2975E+00	-.7073E+00	-.5547E+00
138	-.1165E-01	-.5522E-01	-.3878E+02	.2022E+00	.1881E+00	-.2783E+00
139	-.4061E-01	-.6583E-01	.1823E+02	.3180E-01	-.1014E+00	.1030E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.20745E-02	.15559E-05	-.19667E-02	.00000E+00
3	.36678E-02	.46230E-05	-.36879E-02	.00000E+00
4	.39807E-02	-.65765E-06	-.40452E-02	.00000E+00
5	.43048E-02	.27417E-04	-.43054E-02	.00000E+00
6	.47332E-02	-.72581E-05	-.47347E-02	-.27617E-05
7	.44126E-02	-.10389E-03	-.43830E-02	.00000E+00
8	.47332E-02	-.10459E-03	-.47094E-02	-.93354E-06

9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.19512E-02	-.14747E-04	-.18984E-02	.00000E+00
11	.34467E-02	-.59459E-04	-.35341E-02	.00000E+00
12	.40972E-02	-.10572E-03	-.39542E-02	.00000E+00
13	.43944E-02	-.10557E-03	-.42498E-02	.00000E+00
14	.47564E-02	-.18276E-03	-.46386E-02	-.15592E-05
15	.44700E-02	-.26054E-03	-.41353E-02	.00000E+00
16	.47871E-02	-.31066E-03	-.45278E-02	-.15102E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.19690E-02	-.52726E-04	-.17320E-02	.00000E+00
19	.36942E-02	-.18268E-03	-.32774E-02	.00000E+00
20	.41825E-02	-.25222E-03	-.36903E-02	.00000E+00
21	.44844E-02	-.26493E-03	-.39823E-02	.00000E+00
22	.48372E-02	-.40482E-03	-.43794E-02	-.12886E-05
23	.46025E-02	-.45085E-03	-.37995E-02	.00000E+00
24	.48920E-02	-.50494E-03	-.41964E-02	-.14637E-05
25	.40350E-02	-.55598E-03	-.41014E-02	-.13076E-05
26	.49574E-02	-.59471E-03	-.40529E-02	-.35718E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.20252E-02	-.10609E-03	-.13911E-02	.00000E+00
29	.38218E-02	-.34435E-03	-.27298E-02	.00000E+00
30	.42383E-02	-.47263E-03	-.32182E-02	.00000E+00
31	.45643E-02	-.54020E-03	-.35071E-02	.00000E+00
32	.49858E-02	-.67054E-03	-.40046E-02	-.25540E-05
33	.45755E-02	-.62492E-03	-.33355E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.20497E-02	-.91141E-04	-.12534E-02	.00000E+00
36	.38940E-02	-.41966E-03	-.23884E-02	.00000E+00
37	.42985E-02	-.51343E-03	-.29580E-02	.00000E+00
38	.47178E-02	-.73260E-03	-.33898E-02	.00000E+00
39	.49952E-02	-.92772E-03	-.38920E-02	-.65306E-05
40	.49895E-02	-.85077E-03	-.39162E-02	-.71934E-05
41	.49842E-02	-.77458E-03	-.39413E-02	-.64619E-05
42	.49894E-02	-.70355E-03	-.39732E-02	-.46190E-05
43	.44013E-02	-.51767E-03	-.19775E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.20162E-02	-.17772E-03	-.52079E-03	.00000E+00
46	.40516E-02	-.38032E-03	-.13131E-02	.00000E+00
47	.49973E-02	-.96458E-03	-.38723E-02	-.27245E-05
48	.49970E-02	-.94965E-03	-.38845E-02	-.59642E-05
49	.47206E-02	-.71783E-03	-.33034E-02	.00000E+00
50	.50608E-02	-.96034E-03	-.39058E-02	-.14697E-04
51	.49537E-02	-.67182E-03	-.25777E-02	.00000E+00
52	.54457E-02	-.85212E-03	-.29442E-02	.00000E+00
53	.49955E-02	-.95956E-03	-.38292E-02	.19770E-05
54	.44903E-02	-.44952E-03	-.12531E-02	.00000E+00
55	.49852E-02	-.56213E-03	-.12266E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.17034E-02	.14450E-03	.47855E-03	.00000E+00
58	.35662E-02	-.12499E-03	.11444E-02	.00000E+00
59	.56233E-02	-.85784E-03	-.17992E-02	.00000E+00
60	.55480E-02	-.87104E-03	-.25616E-02	.00000E+00
61	.51165E-02	-.96581E-03	-.39157E-02	-.21963E-04
62	.41507E-02	-.33832E-03	.13420E-02	.00000E+00
63	.47461E-02	-.50986E-03	.70595E-03	.00000E+00
64	.55497E-02	-.90721E-03	-.30117E-02	.00000E+00
65	.51902E-02	-.97081E-03	-.39249E-02	-.26920E-04
66	.53701E-02	-.98158E-03	-.39433E-02	-.32054E-04
67	.55605E-02	-.99370E-03	-.39633E-02	-.29991E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.13113E-02	-.53397E-04	.88059E-03	.00000E+00
70	.36663E-02	-.29964E-03	.27449E-02	.00000E+00
	.55001E-02	-.80093E-03	.11916E-02	.00000E+00
	.57217E-02	-.94277E-03	-.28495E-02	.00000E+00

	.44233E-02	-.43205E-03	.43624E-02	.00000E+00
	.60522E-02	-.10599E-02	-.31562E-02	.00000E+00
75	.57191E-02	-.10048E-02	-.39807E-02	-.22142E-04
76	.59225E-02	-.10191E-02	-.40562E-02	-.14870E-04
77	.50799E-02	-.77540E-03	.33217E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.15660E-02	.42109E-04	.18086E-02	.00000E+00
80	.34544E-02	-.27051E-03	.39086E-02	.00000E+00
81	.37235E-02	-.39287E-03	.46102E-02	.00000E+00
82	.42852E-02	-.60373E-03	.41972E-02	.00000E+00
83	.60770E-02	-.11369E-02	.13615E-02	.00000E+00
84	.55259E-02	-.11035E-02	.47539E-02	.00000E+00
85	.61511E-02	-.10464E-02	-.41168E-02	-.11631E-04
86	.62850E-02	-.10290E-02	-.36285E-02	.00000E+00
87	.49575E-02	-.85230E-03	.53988E-02	.00000E+00
88	.62984E-02	-.11566E-02	-.10358E-02	.00000E+00
89	.62974E-02	-.10655E-02	-.42104E-02	-.88792E-05
90	.31843E-02	-.16544E-03	.84451E-02	.00000E+00
91	.34860E-02	-.33948E-03	.84602E-02	.00000E+00
92	.36889E-02	-.44127E-03	.86951E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.11963E-02	.00000E+00	.42153E-02	.00000E+00
95	.23189E-02	.00000E+00	.75509E-02	.00000E+00
96	.27463E-02	.00000E+00	.82762E-02	.00000E+00
97	.27835E-02	.00000E+00	.88577E-02	.00000E+00
98	.26119E-02	.00000E+00	.89171E-02	.00000E+00
99	.31157E-02	-.13309E-03	.90905E-02	.00000E+00
100	.43276E-02	-.63453E-03	.76353E-02	.00000E+00
101	.57385E-02	-.11479E-02	.54879E-02	.00000E+00
102	.65340E-02	-.11007E-02	-.43193E-02	-.82728E-05
103	.62665E-02	-.13285E-02	.22130E-02	.00000E+00
104	.67549E-02	-.11471E-02	-.38471E-02	.00000E+00
105	.66912E-02	-.11352E-02	-.44401E-02	-.72239E-05
106	.65789E-02	-.15475E-02	.82168E-03	.00000E+00
107	.70058E-02	-.12635E-02	-.36495E-02	.00000E+00
108	.68862E-02	-.11744E-02	-.45339E-02	-.68406E-05
109	.70142E-02	-.12053E-02	-.46537E-02	-.57449E-05
110	.67911E-02	-.17246E-02	.39683E-03	.00000E+00
111	.72298E-02	-.13305E-02	-.36057E-02	.00000E+00
112	.71661E-02	-.12432E-02	-.47326E-02	-.51549E-05
113	.71678E-02	-.17205E-02	-.11979E-02	.00000E+00
114	.72397E-02	-.12710E-02	-.48597E-02	-.18056E-05
115	.72599E-02	-.13043E-02	-.49382E-02	.61602E-06
116	.72008E-02	-.13304E-02	-.50601E-02	.43853E-05
117	.72399E-02	-.13050E-02	-.42319E-02	.00000E+00
118	.71335E-02	-.13422E-02	-.51061E-02	.68770E-05
119	.69548E-02	-.13634E-02	-.51763E-02	.11175E-04
120	.74129E-02	-.15583E-02	-.44628E-02	.00000E+00
121	.66144E-02	-.13748E-02	-.52813E-02	.17447E-04
122	.65791E-02	-.15158E-02	-.53115E-02	.19880E-04
123	.65289E-02	-.16416E-02	-.53383E-02	.21715E-04
124	.64738E-02	-.17739E-02	-.53651E-02	.23688E-04
125	.64035E-02	-.19288E-02	-.53935E-02	.25783E-04
126	.62746E-02	-.21290E-02	-.54405E-02	.27440E-04
127	.61446E-02	-.24711E-02	-.54864E-02	.26348E-04
128	.59174E-02	-.29790E-02	-.55805E-02	.18854E-04
129	.57859E-02	-.32335E-02	-.56677E-02	.96795E-05
130	.57437E-02	-.34079E-02	-.57625E-02	-.30446E-06
131	.58414E-02	-.31402E-02	-.59062E-02	-.96835E-05
132	.59981E-02	-.26312E-02	-.60304E-02	-.11885E-04
133	.61326E-02	-.21235E-02	-.61382E-02	-.10493E-04
134	.62251E-02	-.16870E-02	-.62242E-02	-.91614E-05
135	.62934E-02	-.12851E-02	-.62920E-02	-.88600E-05
136	.63419E-02	-.88415E-03	-.63420E-02	-.85482E-05

137	.63707E-02	-.49433E-03	-.63708E-02	-.90153E-05
138	.63902E-02	-.72259E-04	-.63902E-02	-.90567E-05
139	.63902E-02	-.90156E-05	-.63902E-02	-.90198E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-6.94E-03	8.70E-06	1.48E-02	2.45E-01	-3.53E-03	-2.36E-01	2.42E-01	-2.46E-01	45.46	-6.94E-03	2.45E-01
	-303.00	-4.28E-07	-7.32E-08	5.58E-07	2.23E-05	-3.21E-07	-2.14E-05	1.09E-05	-1.14E-05			
2	72.00	-4.62E-03	1.33E-03	2.58E-02	1.98E-01	-1.19E-03	-2.03E-01	1.96E-01	-2.00E-01	45.43	-4.62E-03	1.98E-01
	-213.00	-5.02E-07	-2.31E-07	8.79E-07	1.80E-05	-1.08E-07	-1.84E-05	8.63E-06	-9.36E-06			
3	72.00	3.11E-02	-2.44E-03	6.27E-02	1.27E-01	5.60E-03	-1.30E-01	1.43E-01	-1.14E-01	41.24	3.11E-02	1.27E-01
	-138.00	3.33E-07	-4.30E-07	5.95E-07	5.78E-06	2.54E-07	-5.92E-06	2.87E-06	-2.96E-06			
4	24.00	-6.40E-02	-1.23E-01	-1.73E-01	2.10E-01	2.10E-02	-1.86E-01	1.19E-01	-3.06E-01	40.99	-6.40E-02	2.10E-01
	-68.00	1.50E-06	-7.85E-07	-2.69E-06	1.62E-05	1.61E-06	-1.43E-05	8.53E-06	-7.81E-06			
5	72.00	6.23E-02	7.81E-02	1.29E-01	8.32E-02	2.92E-02	-1.20E-01	1.54E-01	-1.33E-02	47.71	7.81E-02	-8.32E-02
	-88.00	-5.60E-07	4.57E-08	1.99E-06	6.40E-06	2.25E-06	-9.25E-06	2.96E-06	-3.47E-06			
6	120.00	4.44E-02	5.19E-02	8.21E-02	1.96E-01	8.50E-03	-2.10E-01	2.45E-01	-1.48E-01	45.55	2.42E-01	-3.18E-02
	-68.00	-2.52E-07	3.56E-08	1.20E-06	1.51E-05	6.54E-07	-1.61E-05	7.45E-06	-7.67E-06			
7	36.25	6.18E-02	3.47E-02	5.15E-02	6.31E-02	-9.32E-03	-6.78E-02	1.13E-01	-1.63E-02	38.94	5.96E-02	6.35E-02
	-19.00	7.51E-07	-2.91E-07	3.54E-07	4.85E-06	-7.17E-07	-5.21E-06	2.71E-06	-2.25E-06			
8	108.00	2.70E-03	-1.72E-02	2.08E-02	6.87E-02	8.91E-03	-6.50E-02	6.21E-02	-7.66E-02	40.87	2.70E-03	6.87E-02
	-19.00	3.52E-08	-7.32E-07	7.31E-07	5.28E-06	6.86E-07	-5.00E-06	2.32E-06	-3.02E-06			
9	216.00	2.34E-03	-7.26E-03	8.36E-03	2.38E-01	2.66E-03	-2.21E-01	2.36E-01	-2.41E-01	44.42	2.34E-03	2.38E-01
	-303.00	6.18E-08	-3.75E-07	3.35E-07	2.16E-05	2.42E-07	-2.01E-05	1.07E-05	-1.10E-05			
10	216.00	1.40E-02	-1.23E-02	2.99E-02	2.03E-01	5.73E-03	-1.90E-01	2.04E-01	-2.02E-01	43.14	1.40E-02	2.03E-01
	-213.00	2.27E-07	-9.70E-07	9.48E-07	1.84E-05	5.21E-07	-1.73E-05	8.87E-06	-9.61E-06			
11	216.00	4.80E-02	-1.47E-02	8.71E-02	1.52E-01	1.01E-02	-1.37E-01	1.71E-01	-1.38E-01	39.16	4.80E-02	1.52E-01
	-138.00	4.59E-07	-9.65E-07	1.35E-06	6.89E-06	4.59E-07	-6.25E-06	3.27E-06	-3.77E-06			
12	168.00	2.12E-03	-9.54E-02	-6.20E-03	1.83E-01	9.57E-03	-1.59E-01	1.43E-01	-2.36E-01	37.55	2.12E-03	1.83E-01
	-68.00	1.17E-06	-2.58E-06	8.54E-07	1.41E-05	7.36E-07	-1.82E-05	6.59E-06	-7.99E-06			
13	216.00	3.88E-02	5.63E-02	1.21E-01	7.07E-02	5.82E-02	-1.29E-01	1.19E-01	-2.36E-02	48.54	5.63E-02	-7.07E-02
	-88.00	-9.83E-07	-2.08E-07	2.28E-06	5.44E-06	4.48E-06	-9.96E-06	2.19E-06	-3.28E-06			
14	264.00	7.37E-02	5.73E-02	1.20E-01	1.94E-01	3.39E-03	-2.10E-01	2.60E-01	-1.29E-01	43.79	2.55E-01	-4.31E-02
	-68.00	7.53E-08	-5.59E-07	1.86E-06	1.49E-05	2.61E-07	-1.62E-05	7.24E-06	-7.72E-06			
15	180.00	6.47E-02	1.38E-02	7.52E-02	5.02E-02	4.72E-03	-7.19E-02	9.55E-02	-1.70E-02	31.55	6.47E-02	5.02E-02
	-19.00	8.00E-07	-1.16E-06	1.20E-06	3.86E-06	3.63E-07	-5.53E-06	1.99E-06	-2.34E-06			
16	252.00	2.55E-02	-2.71E-02	5.58E-02	6.52E-02	7.05E-03	-7.25E-02	6.95E-02	-7.11E-02	34.01	2.55E-02	6.52E-02
	-19.00	3.86E-07	-1.64E-06	1.55E-06	5.01E-06	5.42E-07	-5.58E-06	2.08E-06	-3.33E-06			
17	361.00	4.20E-04	-2.32E-02	9.46E-03	2.42E-01	6.21E-03	-1.90E-01	2.31E-01	-2.54E-01	43.60	4.20E-04	2.42E-01
	-303.00	1.92E-07	-8.82E-07	6.03E-07	2.20E-05	5.64E-07	-1.72E-05	1.07E-05	-1.14E-05			
18	361.00	2.41E-02	-3.49E-02	4.65E-02	2.07E-01	1.53E-02	-1.71E-01	2.04E-01	-2.15E-01	40.96	2.41E-02	2.07E-01
	-213.00	6.30E-07	-2.05E-06	1.65E-06	1.88E-05	1.39E-06	-1.55E-05	8.80E-06	-1.02E-05			
19	361.00	6.30E-02	-3.72E-02	1.27E-01	1.37E-01	3.08E-02	-1.46E-01	1.59E-01	-1.33E-01	34.96	6.30E-02	1.37E-01
	-138.00	6.29E-07	-1.65E-06	2.09E-06	6.23E-06	1.40E-06	-6.65E-06	2.81E-06	-3.83E-06			
20	312.00	1.59E-02	-1.24E-01	1.43E-02	1.88E-01	1.25E-02	-1.40E-01	1.47E-01	-2.55E-01	34.83	1.59E-02	1.88E-01
	-68.00	1.64E-06	-3.73E-06	1.58E-06	1.45E-05	9.62E-07	-1.07E-05	6.68E-06	-8.77E-06			
21	360.67	3.78E-02	9.56E-02	1.56E-01	7.69E-02	9.91E-02	-1.70E-01	1.49E-01	-1.53E-02	55.30	9.56E-02	-7.68E-02
	-88.00	-1.73E-06	4.92E-07	2.83E-06	5.91E-06	7.62E-06	-1.30E-05	2.54E-06	-3.77E-06			
22	409.33	-8.86E-03	-4.46E-02	6.93E-02	2.04E-01	1.90E-02	-2.36E-01	1.79E-01	-2.32E-01	42.50	1.70E-01	-5.97E-02
	-68.00	-5.16E-07	-1.89E-06	2.49E-06	1.57E-05	1.46E-06	-1.82E-05	6.69E-06	-9.10E-06			
23	324.00	1.05E-01	3.06E-02	1.23E-01	4.62E-02	8.36E-03	-7.27E-02	1.27E-01	8.54E-03	25.51	1.05E-01	4.62E-02
	-19.00	1.20E-06	-1.67E-06	1.90E-06	3.55E-06	6.43E-07	-5.59E-06	2.05E-06	-2.52E-06			
24	372.00	1.42E-02	-1.12E-01	3.93E-02	1.86E-01	6.27E-03	-2.30E-01	1.47E-01	-2.46E-01	35.59	1.42E-02	1.86E-01
	-9.33	1.19E-06	-3.68E-06	2.16E-06	1.43E-05	4.82E-07	-1.77E-05	6.31E-06	-8.79E-06			
25	401.25	6.27E-02	3.06E-02	1.19E-01	6.17E-02	1.58E-02	-8.42E-02	1.10E-01	-1.71E-02	37.69	-1.47E-03	4.18E-02
	-19.00	8.05E-08	-1.16E-06	2.24E-06	4.74E-06	1.22E-06	-6.48E-06	1.91E-06	-2.99E-06			
26	427.67	[illegible].75E-02	-2.18E-01	-1.21E-02	2.25E-01	9.46E-04	-3.29E-01	1.15E-01	-3.70E-01	34.10	7.82E-02	1.28E-01
	-9.33	[illegible]49E-06	-5.43E-06	2.47E-06	1.73E-05	7.28E-08	-[illegible]-05	7.36E-06	-1.13E-05			
27	457.00	[illegible]31E-03	-2.61E-02	1.52E-02	2.51E-01	7.86E-03	[illegible]-01	2.40E-01	-2.62E-01	43.29	3.83E-03	2.5[illegible]

	-303.[illegible]	[illegible]7E-07	-1.10E-06	7.82E-07	2.28E-05	7.15E-07	[illegible]-05	1.10E-05	-1.18E-05			
28	457.00	[illegible]60E-02	-4.42E-02	5.34E-02	2.15E-01	3.30E-02	[illegible]-01	2.02E-01	-2.38E-01	38.96	2.80E-02	2.15E[illegible]
	-213.00	[illegible]05E-05	-3.14E-06	2.20E-06	1.96E-05	3.00E-06	[illegible]E-05	8.97E-06	-1.11E-05			
29	457.00	1.39E-01	-6.15E-03	1.95E-01	1.23E-01	8.42E-02	-1.72E-01	2.09E-01	-7.64E-02	29.73	1.39E-01	1.23E-01
	-138.00	1.44E-06	-1.86E-06	2.71E-06	5.59E-06	3.83E-06	-7.86E-06	3.04E-06	-3.46E-06			
30	442.00	-9.29E-02	-2.29E-01	-4.49E-02	1.68E-01	6.29E-02	-1.37E-01	2.05E-02	-3.43E-01	33.96	-9.29E-02	1.68E-01
	-68.00	4.64E-07	-4.79E-06	2.31E-06	1.30E-05	4.84E-06	-1.05E-05	4.83E-06	-9.15E-06			
31	457.33	-2.59E-01	-2.43E-01	-9.39E-02	9.92E-02	2.16E-01	-1.12E-01	-1.51E-01	-3.50E-01	47.27	-2.43E-01	-9.92E-02
	-88.00	-3.40E-06	-2.80E-06	2.93E-06	7.63E-06	1.66E-05	-8.64E-06	7.26E-07	-6.93E-06			
32	472.67	1.76E-01	-2.31E-01	8.13E-02	1.78E-01	-6.89E-02	-2.55E-01	2.43E-01	-2.98E-01	20.61	2.43E-01	4.67E-03
	-66.00	6.47E-06	-9.16E-06	2.64E-06	1.37E-05	-5.30E-06	-1.96E-05	9.05E-06	-1.17E-05			
33	442.00	8.03E-02	-1.90E-03	1.20E-01	5.06E-02	2.81E-02	-1.05E-01	1.04E-01	-2.60E-02	25.44	8.03E-02	5.06E-02
	-19.50	9.14E-07	-2.25E-06	2.42E-06	3.89E-06	2.16E-06	-8.05E-06	1.84E-06	-3.17E-06			
34	454.00	3.60E-02	-2.36E-01	1.94E-02	2.10E-01	-7.52E-02	-4.27E-01	1.50E-01	-3.50E-01	28.51	1.10E-01	1.35E-01
	-11.33	3.37E-06	-7.09E-06	2.73E-06	1.61E-05	-5.78E-06	-3.29E-05	7.75E-06	-1.15E-05			
35	461.67	-3.28E-01	-5.94E-01	-2.71E-01	2.06E-01	-5.25E-03	-4.14E-01	-2.16E-01	-7.06E-01	28.63	-3.28E-01	2.06E-01
	-12.00	4.85E-07	-9.73E-06	2.69E-06	1.59E-05	-4.04E-07	-3.18E-05	4.82E-06	-1.41E-05			
36	469.00	2.31E-02	-7.77E-02	9.12E-02	4.07E-02	2.10E-01	-1.70E-01	3.75E-02	-9.21E-02	19.44	-7.77E-02	-4.07E-02
	-30.00	5.97E-07	-3.28E-06	2.83E-06	3.13E-06	1.62E-05	-1.31E-05	1.15E-06	-3.83E-06			
37	476.33	-3.04E-01	-5.62E-01	-2.45E-01	1.08E-01	-7.67E-03	-3.49E-01	-2.65E-01	-6.02E-01	19.95	-2.72E-01	4.89E-02
	-12.00	5.20E-07	-9.41E-06	2.79E-06	8.31E-06	-5.90E-07	-2.68E-05	2.03E-06	-1.05E-05			
38	558.50	-2.76E-02	-5.81E-02	-2.72E-03	2.45E-01	1.44E-02	-1.07E-01	2.03E-01	-2.89E-01	43.22	-2.76E-02	2.45E-01
	-303.00	-1.07E-07	-1.49E-06	1.03E-06	2.23E-05	1.31E-06	-9.74E-06	1.04E-05	-1.20E-05			
39	558.50	2.52E-02	-4.83E-02	8.09E-02	2.35E-01	3.12E-02	-1.13E-01	2.27E-01	-2.50E-01	40.56	2.52E-02	2.35E-01
	-213.00	3.95E-07	-2.95E-06	2.93E-06	2.14E-05	2.83E-06	-1.02E-05	9.55E-06	-1.21E-05			
40	506.17	4.03E-02	-2.29E-01	1.14E-01	4.81E-01	2.09E-01	-2.49E-01	4.06E-01	-5.94E-01	37.19	4.03E-02	4.81E-01
	-128.00	1.31E-06	-4.81E-06	2.97E-06	2.19E-05	9.52E-06	-1.13E-05	9.61E-06	-1.31E-05			
41	558.50	3.16E-02	-1.10E-01	2.57E-01	2.22E-01	2.87E-01	-3.50E-01	1.94E-01	-2.72E-01	36.18	-1.10E-01	-2.22E-01
	-148.00	-2.20E-07	-3.43E-06	4.90E-06	1.01E-05	1.30E-05	-1.59E-05	3.48E-06	-7.13E-06			
42	610.83	9.35E-02	-1.62E-01	2.36E-01	4.76E-01	1.04E-01	-1.86E-01	4.58E-01	-5.27E-01	37.48	3.91E-01	-2.48E-01
	-128.00	1.25E-06	-4.56E-06	4.48E-06	2.16E-05	4.75E-06	-8.45E-06	9.54E-06	-1.29E-05			
43	501.38	8.62E-02	-2.28E-02	1.43E-01	9.56E-02	1.20E-01	-7.79E-02	1.42E-01	-7.83E-02	30.15	8.62E-02	9.56E-02
	-78.00	1.04E-06	-3.15E-06	3.25E-06	7.35E-06	9.20E-06	-5.99E-06	3.18E-06	-5.25E-06			
44	534.67	4.94E-02	-2.56E-01	8.25E-02	3.17E-01	7.30E-02	-5.35E-01	2.49E-01	-4.55E-01	32.15	1.83E-01	-2.05E-01
	-68.00	3.26E-06	-8.47E-06	4.53E-06	2.44E-05	5.62E-06	-4.11E-05	1.09E-05	-1.61E-05			
45	584.67	-5.99E-02	-2.22E-01	3.85E-02	3.84E-01	1.70E-01	-8.59E-02	2.52E-01	-5.33E-01	39.00	-5.89E-02	3.84E-01
	-68.00	4.01E-07	-5.88E-06	4.15E-06	2.95E-05	1.31E-05	-6.61E-06	1.24E-05	-1.78E-05			
46	610.83	-2.69E-01	-3.01E-01	-3.44E-02	2.31E-01	1.66E-01	-1.36E-01	-5.32E-02	-5.16E-01	42.99	-3.01E-01	-2.31E-01
	-88.00	-3.69E-06	-4.94E-06	5.31E-06	1.78E-05	1.28E-05	-1.05E-05	4.59E-06	-1.32E-05			
47	482.63	-3.99E-02	-1.55E-01	1.55E-02	4.89E-02	7.19E-02	-1.05E-01	-2.19E-02	-1.73E-01	20.14	-3.99E-02	4.89E-02
	-21.00	4.41E-07	-4.00E-06	2.57E-06	3.76E-06	5.53E-06	-8.04E-06	1.13E-06	-4.69E-06			
48	485.83	-5.39E-01	-8.91E-01	-4.66E-01	1.44E-01	7.27E-03	-3.95E-01	-4.88E-01	-9.43E-01	19.69	-5.22E-01	1.20E-01
	-12.00	9.66E-08	-1.34E-05	2.92E-06	1.11E-05	5.59E-07	-3.04E-05	2.08E-06	-1.54E-05			
49	507.88	8.33E-02	-9.33E-02	1.05E-01	6.12E-02	6.56E-02	-1.40E-01	1.02E-01	-1.12E-01	17.36	8.33E-02	6.12E-02
	-21.00	2.16E-06	-4.63E-06	3.00E-06	4.71E-06	5.04E-06	-1.08E-05	2.90E-06	-5.37E-06			
50	538.67	1.11E-01	-3.28E-01	7.39E-02	2.59E-01	1.79E-01	-4.14E-01	2.31E-01	-4.48E-01	24.84	1.28E-01	-2.43E-01
	-10.00	5.84E-06	-1.10E-05	4.41E-06	1.99E-05	1.38E-05	-3.18E-05	1.04E-05	-1.56E-05			
51	484.67	-1.37E+00	-9.51E-01	-8.44E-01	1.16E-02	1.85E-01	-2.04E-02	-9.51E-01	-1.37E+00	88.42	-9.51E-01	-1.16E-02
	8.00	-1.79E-05	-1.78E-06	2.32E-06	8.89E-07	1.42E-05	-1.57E-06	-1.77E-06	-1.79E-05			
52	507.00	6.19E-01	6.29E-01	6.06E-01	3.61E-01	9.03E-02	3.47E-01	9.85E-01	2.63E-01	45.38	9.36E-01	1.82E-01
	9.00	3.45E-06	3.81E-06	2.93E-06	2.78E-05	6.95E-06	2.67E-05	1.75E-05	-1.03E-05			
53	603.00	1.21E-01	-1.17E-02	2.39E-01	1.43E-01	1.30E-01	-7.93E-02	2.12E-01	-1.03E-01	32.56	1.73E-02	1.53E-01
	-18.00	8.21E-07	-4.27E-06	5.37E-06	1.10E-05	1.00E-05	-6.10E-06	4.33E-06	-7.78E-06			
54	712.00	-2.01E-02	-1.24E-03	3.12E-02	2.39E-01	2.24E-02	-2.45E-03	2.29E-01	-2.50E-01	46.13	-2.01E-02	2.39E-01
	-303.00	-1.04E-06	-1.85E-07	1.29E-06	2.17E-05	2.04E-06	-2.23E-07	1.03E-05	-1.15E-05			
55	712.00	-1.19E-01	-1.18E-01	2.54E-02	2.59E-01	8.38E-02	-5.65E-03	1.41E-01	-3.78E-01	45.05	-1.19E-01	2.59E-01
	-213.00	-2.66E-06	-2.62E-06	3.91E-06	2.36E-05	7.62E-06	-5.13E-07	9.15E-06	-1.44E-05			
56	712.00	-1.04E-01	-6.48E-02	2.69E-01	2.16E-01	2.45E-01	5.72E-02	1.22E-01	-3.11E-01	46.26	-1.04E-01	2.16E-01
	-138.00	-2.78E-06	-2.35E-06	5.68E-06	9.82E-06	1.12E-05	2.60E-06	2.35E-06	-7.48E-06			
57	712.00	5.18E-02	4.12E-02	2.67E-01	1.24E-01	1.14E-01	-5.76E-02	1.71E-01	-7.79E-02	43.78	5.18E-02	1.24E-01
	-78.00	-1.36E-06	-2.37E-06	6.30E-06	9.56E-06	8.79E-06	-4.43E-06	2.62E-06	-6.95E-06			
58	712.00	1.12E-02	-9.47E-02	2.23E-01	1.56E-01	1.23E-01	3.04E-03	1.26E-01	-2.00E-01	36.43	1.12E-02	1.56E-01
	-18.00	-1.21E-06	-4.90E-06	6.93E-06	1.20E-05	9.48E-06	2.34E-07	3.21E-06	-9.31E-06			
59	837.00	-6.79E-01	-3.94E-01	-4.29E-01	1.98E-01	-3.51E-02	5.85E-02	-2.93E-01	-7.80E-01	62.91	-3.94E-01	-1.98E-01

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	-318.00	-1.14E-05	1.61E-06	.00E+00	1.00E-05	-3.15E-06	5.32E-06	6.20E-06	-1.60E-05				
60	887.00	-1.54E-01	-8.74E-02	-9.66E-02	5.14E-01	2.95E-02	2.74E-01	3.95E-01	-6.36E-01	46.86	3.49E-01	-2.13E-01	
	-288.00	-2.61E-06	4.19E-07	.00E+00	4.67E-05	2.69E-06	2.49E-05	2.23E-05	-2.45E-05				
61	987.00	8.04E-02	2.73E-02	4.31E-02	5.19E-01	6.61E-02	4.36E-01	5.73E-01	-4.66E-01	43.53	8.04E-02	5.19E-01	
	-288.00	1.70E-06	-7.19E-07	.00E+00	4.72E-05	6.15E-06	3.97E-05	2.41E-05	-2.31E-05				
62	1037.00	-6.49E-01	-3.98E-01	-4.18E-01	3.80E-01	-1.33E-01	4.42E-01	-1.23E-01	-9.23E-01	54.12	-3.98E-01	-3.80E-01	
	-318.00	-1.04E-05	9.36E-07	.00E+00	3.45E-05	-1.21E-05	4.02E-05	1.34E-05	-2.29E-05				
63	862.00	8.37E-03	-3.27E-02	1.29E-01	2.44E-01	2.40E-02	1.56E-01	2.33E-01	-2.57E-01	42.59	8.37E-03	2.44E-01	
	-213.00	-9.74E-07	-2.84E-06	4.49E-06	2.22E-05	2.18E-06	1.42E-05	9.23E-06	-1.30E-05				
64	1012.00	8.40E-02	1.30E-02	1.86E-01	2.64E-01	2.41E-02	2.44E-01	3.15E-01	-2.18E-01	41.17	8.40E-02	2.64E-01	
	-213.00	1.43E-07	-3.08E-06	4.78E-06	2.40E-05	2.19E-06	2.22E-05	1.06E-05	-1.36E-05				
65	837.00	-1.06E-02	-8.36E-02	4.10E-01	1.70E-01	5.07E-01	8.02E-02	1.27E-01	-2.21E-01	38.96	-8.36E-02	-1.70E-01	
	-148.00	-1.90E-06	-3.56E-06	7.66E-06	7.75E-06	2.30E-05	3.65E-06	1.24E-06	-6.69E-06				
66	937.00	-5.06E-03	-1.04E-01	3.59E-01	2.93E-01	8.91E-02	2.61E-01	2.43E-01	-3.52E-01	40.21	1.12E-01	-2.47E-01	
	-128.00	-1.42E-06	-3.67E-06	6.84E-06	1.33E-05	4.05E-06	1.19E-05	4.21E-06	-9.31E-06				
67	1037.00	-2.77E-01	-2.82E-01	2.38E-01	3.01E-01	8.22E-02	9.36E-02	2.17E-02	-5.81E-01	44.78	-2.82E-01	-3.01E-01	
	-148.00	-4.62E-06	-4.73E-06	7.10E-06	1.37E-05	3.74E-06	4.25E-06	2.18E-06	-1.15E-05				
68	837.00	-1.98E-01	-3.31E-01	2.70E-02	3.25E-01	2.32E-01	3.84E-01	6.71E-02	-5.97E-01	39.24	-1.98E-01	3.25E-01	
	-68.00	-2.11E-06	-7.21E-06	6.56E-06	2.50E-05	1.78E-05	2.95E-05	8.10E-06	-1.74E-05				
69	937.00	1.78E-02	1.33E-01	3.84E-01	2.25E-01	1.78E-01	-7.50E-02	3.08E-01	-1.57E-01	52.20	1.33E-01	-2.25E-01	
	-88.00	-5.20E-06	-7.52E-07	8.89E-06	1.73E-05	1.37E-05	-5.77E-06	5.97E-06	-1.19E-05				
70	1037.00	-3.47E-02	-1.99E-01	1.99E-01	3.81E-01	-1.19E-01	-2.28E-01	2.73E-01	-5.07E-01	38.94	8.70E-02	-3.33E-01	
	-68.00	-9.61E-07	-7.26E-06	8.04E-06	2.93E-05	-9.14E-06	-1.75E-05	1.09E-05	-1.91E-05				
71	862.00	-1.68E-02	-9.13E-02	2.73E-01	1.57E-01	1.64E-01	1.44E-02	1.07E-01	-2.15E-01	38.31	-1.68E-02	1.57E-01	
	-18.00	-2.46E-06	-5.32E-06	8.68E-06	1.21E-05	1.26E-05	1.10E-06	2.30E-06	-1.01E-05				
72	1012.00	1.43E-01	3.70E-02	4.01E-01	1.33E-01	-6.08E-02	9.10E-02	2.33E-01	-5.28E-02	34.10	1.43E-01	1.33E-01	
	-18.00	-8.88E-07	-4.97E-06	9.05E-06	1.02E-05	-4.68E-06	7.00E-06	2.56E-06	-8.42E-06				
73	1387.00	5.96E-02	7.16E-02	1.01E-01	1.68E-01	4.64E-03	3.68E-01	2.34E-01	-1.03E-01	46.01	5.96E-02	1.68E-01	
	-303.00	-3.08E-07	2.34E-07	1.58E-06	1.53E-05	4.22E-07	3.35E-05	7.62E-06	-7.70E-06				
74	1387.00	4.71E-02	3.65E-02	1.78E-01	1.86E-01	3.86E-03	3.33E-01	2.28E-01	-1.44E-01	44.18	4.71E-02	1.86E-01	
	-213.00	-1.25E-06	-1.74E-06	4.69E-06	1.69E-05	3.51E-07	3.02E-05	6.97E-06	-9.96E-06				
75	1387.00	4.65E-02	7.66E-02	4.14E-01	1.40E-01	-1.11E-02	2.64E-01	2.02E-01	-7.92E-02	48.07	4.65E-02	1.40E-01	
	-138.00	-1.76E-06	-1.08E-06	6.59E-06	6.36E-06	-5.05E-07	1.20E-05	1.78E-06	-4.62E-06				
76	1187.00	-7.05E-02	-4.97E-02	2.07E-01	1.45E-01	9.28E-02	6.56E-01	8.57E-02	-2.06E-01	47.04	-7.05E-02	1.45E-01	
	-68.00	-3.67E-06	-2.87E-06	7.02E-06	1.12E-05	7.14E-06	5.05E-05	2.34E-06	-8.88E-06				
77	1387.00	-1.14E-01	-1.19E-01	1.96E-01	1.63E-01	5.19E-02	5.49E-02	4.69E-02	-2.80E-01	44.60	-1.19E-01	-1.63E-01	
	-88.00	-3.99E-06	-4.16E-06	7.95E-06	1.26E-05	3.99E-06	4.22E-06	2.21E-06	-1.04E-05				
78	1587.00	1.13E-01	7.53E-02	3.28E-01	1.18E-01	-7.24E-02	2.89E-01	2.14E-01	-2.57E-02	40.51	1.22E-01	-1.16E-01	
	-68.00	-1.34E-06	-2.77E-06	6.95E-06	9.09E-06	-5.57E-06	2.22E-05	2.55E-06	-6.66E-06				
79	1237.00	-7.46E-02	-5.38E-02	2.60E-01	1.24E-01	4.70E-02	1.37E-01	6.01E-02	-1.85E-01	47.40	-7.46E-02	1.24E-01	
	-18.00	-4.32E-06	-3.52E-06	8.57E-06	9.53E-06	3.61E-06	1.05E-05	8.62E-07	-8.70E-06				
80	1433.80	-4.38E-02	-1.14E-01	2.32E-01	1.26E-01	-4.71E-02	1.48E-01	5.20E-02	-2.10E-01	37.19	-4.38E-02	1.26E-01	
	-8.00	-2.50E-06	-5.21E-06	8.11E-06	9.72E-06	-3.62E-06	1.14E-05	1.19E-06	-8.90E-06				
81	1533.80	-6.02E-02	-4.19E-02	2.35E-01	1.20E-01	-7.30E-02	7.98E-02	6.96E-02	-1.72E-01	47.17	-4.19E-02	-1.20E-01	
	-28.00	-3.78E-06	-3.08E-06	7.59E-06	9.25E-06	-5.62E-06	6.14E-06	1.21E-06	-8.07E-06				
82	1633.80	9.01E-03	3.34E-02	2.76E-01	8.48E-03	-1.07E-01	7.62E-02	3.61E-02	6.35E-03	72.61	3.60E-02	1.66E-03	
	-8.00	-3.16E-06	-2.22E-06	7.13E-06	6.52E-07	-8.21E-06	5.86E-06	-2.12E-06	-3.26E-06				
83	1433.80	-3.78E-01	-1.99E-01	7.92E-02	1.29E-01	4.27E-02	6.64E-02	-1.32E-01	-4.45E-01	62.44	-1.99E-01	-1.29E-01	
	27.60	-9.07E-06	-2.17E-06	8.51E-06	9.90E-06	3.28E-06	5.11E-06	4.09E-07	-1.17E-05				
84	1296.10	-1.11E-01	-3.47E-02	2.69E-01	1.24E-01	3.58E-02	-1.86E-02	5.67E-02	-2.03E-01	53.58	-1.06E-01	-1.25E-01	
	40.70	-5.63E-06	-2.69E-06	8.99E-06	9.54E-06	2.75E-06	-1.43E-06	8.31E-07	-9.15E-06				
85	1148.60	-9.13E-03	2.23E-02	3.33E-01	7.70E-02	1.28E-02	2.89E-01	8.52E-02	-7.20E-02	50.77	7.65E-02	3.59E-02	
	57.33	-4.16E-06	-2.95E-06	9.02E-06	5.92E-06	9.88E-07	2.23E-05	-5.32E-07	-6.58E-06				
86	1131.40	-5.05E-01	-1.74E-01	1.13E-01	9.43E-02	2.20E-01	1.07E-01	-1.49E-01	-5.30E-01	75.19	-1.74E-01	-9.43E-02	
	112.00	-1.32E-05	-4.62E-07	1.06E-05	7.25E-06	1.69E-05	8.21E-06	4.97E-07	-1.42E-05				
87	1010.80	-1.95E-01	-2.04E-01	2.10E-01	1.96E-01	1.80E-01	-2.81E-01	-3.46E-03	-3.95E-01	44.34	-2.04E-01	-1.96E-01	
	34.67	-5.42E-06	-5.77E-06	1.02E-05	1.51E-05	1.38E-05	-2.16E-05	1.94E-06	-1.31E-05				
88	886.60	9.83E-03	-6.54E-02	3.19E-01	1.25E-01	8.10E-02	-3.72E-02	1.01E-01	-1.61E-01	36.19	9.83E-03	1.25E-01	
	46.00	-2.47E-06	-5.52E-06	9.42E-06	9.59E-06	6.23E-06	-2.86E-06	1.04E-06	-9.03E-06				
89	869.80	-1.07E-01	1.49E-02	3.94E-01	7.29E-02	3.34E-01	2.47E-01	4.90E-02	-1.41E-01	64.92	1.49E-02	-7.29E-02	
	96.00	-7.42E-06	-2.74E-06	1.18E-05	5.61E-06	2.57E-05	1.90E-05	-1.43E-06	-8.73E-06				
90	952.60	4.24E-02	7.37E-02	4.39E-01	1.76E-01	5.92E-02	-1.30E-01	2.34E-01	-1.18E-01	47.55	1.38E-01	-1.57E-01	
	128.00	[illegible]47E-06	-3.27E-06	1.08E-05	1.35E-05	4.55E-06	[illegible]E-05	2.91E-06	-1.06E-05				
91	86[illegible]	[illegible]57E-02	-8.71E-02	3.06E-01	4.71E-02	1.17E-01	[illegible]-01	-7.70E-03	-1.15E-01	30.70	-3.57E-02	4.7[illegible]	

	140.0[illegible]	[illegible]9E-06	-5.36E-06	9.75E-06	3.63E-06	9.04E-06	[illegible]-05	-2.31E-06	-6.44E-06				
92	869.80	[illegible]9E-01	-6.[illegible]0E-02	3.23E-01	1.05E-01	5.67E-01	-[illegible]-02	-2.71E-02	-3.39E-01	68.79	-6.80E-02	-1.05E-[illegible]	
	203.60	[illegible].10E-05	-2.14E-06	1.29E-05	8.10E-06	4.52E-05	-3.[illegible]E-06	-5.67E-07	-1.26E-05				
93	598.67	9.22E-02	-9.68E-02	2.35E-01	2.13E-01	4.59E-01	-2.03E-01	2.34E-01	-2.29E-01	33.62	-8.68E-02	-2.13E-01	
	16.00	9.09E-07	-5.58E-06	6.39E-06	1.64E-05	3.84E-05	-2.26E-05	6.37E-06	-1.14E-05				
94	645.75	4.42E-02	-7.64E-02	2.17E-01	1.46E-01	1.63E-01	-6.39E-02	1.42E-01	-1.74E-01	33.77	4.42E-02	1.46E-01	
	24.00	-3.25E-07	-4.97E-06	6.30E-06	1.12E-05	1.25E-05	-4.92E-06	3.43E-06	-8.72E-06				
95	612.10	-3.37E-02	-1.82E-01	8.56E-02	2.82E-01	2.73E-01	5.00E-01	1.83E-01	-3.95E-01	37.63	-3.37E-02	2.82E-01	
	69.33	1.33E-07	-5.57E-06	4.72E-06	2.17E-05	2.10E-05	3.85E-05	8.49E-06	-1.35E-05				
96	1708.45	4.29E-02	-4.63E-02	2.85E-01	1.29E-01	1.80E-01	3.00E-02	1.35E-01	-1.38E-01	35.46	-1.13E-01	-7.96E-02	
	58.00	-1.44E-06	-4.87E-06	7.87E-06	9.93E-06	1.38E-05	2.30E-06	2.09E-06	-8.41E-06				
97	613.10	6.18E-02	1.47E-01	3.96E-01	1.11E-01	9.20E-01	-3.47E-02	2.23E-01	-1.48E-02	55.44	1.47E-01	-1.11E-01	
	96.00	-4.26E-06	-1.00E-06	8.58E-06	8.55E-06	7.07E-05	-2.67E-06	1.94E-06	-7.21E-06				
98	682.27	-4.35E-02	-1.13E-01	2.18E-01	1.63E-01	2.79E-01	1.76E-01	8.84E-02	-2.45E-01	39.00	2.65E-02	-1.30E-01	
	112.00	-2.35E-06	-5.02E-06	7.71E-06	1.25E-05	2.15E-05	1.36E-05	2.72E-06	-1.01E-05				
99	751.43	-1.89E-01	-1.56E-01	2.22E-01	1.69E-01	3.52E-01	-1.67E-01	-2.70E-03	-3.42E-01	47.82	-1.56E-01	-1.69E-01	
	96.00	-5.93E-06	-4.64E-06	9.90E-06	1.30E-05	2.71E-05	-1.29E-05	1.24E-06	-1.18E-05				
100	683.25	6.76E-02	3.41E-02	3.36E-01	6.17E-02	2.25E-01	-1.37E-01	1.15E-01	-1.31E-02	37.41	6.76E-02	6.17E-02	
	152.00	-2.21E-06	-3.49E-06	8.10E-06	4.75E-06	1.73E-05	-1.05E-05	-3.90E-07	-5.31E-06				
101	648.67	-4.50E-02	1.07E-01	4.40E-01	1.15E-02	6.89E-01	4.29E-02	1.08E-01	-4.58E-02	85.70	1.07E-01	-1.15E-02	
	192.00	-7.25E-06	-1.40E-06	1.14E-05	8.85E-07	5.30E-05	3.30E-06	-1.36E-06	-7.28E-06				
102	725.25	1.91E-02	4.82E-02	3.30E-01	5.65E-02	1.96E-01	-1.64E-01	9.20E-02	-2.47E-02	52.23	1.62E-02	-5.57E-02	
	232.70	-3.64E-06	-2.52E-06	8.34E-06	4.35E-06	1.51E-05	-1.26E-05	-8.31E-07	-5.32E-06				
103	635.50	-1.04E-01	-2.77E-01	5.53E-02	-4.35E-02	1.61E-01	3.40E-01	-9.38E-02	-2.87E-01	-13.39	-1.04E-01	-4.35E-02	
	256.00	-4.29E-07	-7.06E-06	5.70E-06	-3.35E-06	1.24E-05	2.62E-05	-3.13E-08	-7.46E-06				
104	635.50	7.25E-02	1.51E-02	3.77E-01	-3.67E-02	6.00E-01	-1.84E-02	9.04E-02	-2.78E-03	-26.00	1.51E-02	3.67E-02	
	290.67	-2.32E-06	-4.52E-06	9.39E-06	-2.82E-06	4.62E-05	-1.42E-06	-1.63E-06	-5.21E-06				
105	569.00	2.29E-01	-6.03E-02	2.42E-01	2.02E-01	1.41E-01	-2.22E-01	3.32E-01	-1.64E-01	27.18	2.29E-01	2.02E-01	
	16.50	4.29E-06	-6.83E-06	4.79E-06	1.55E-05	1.08E-05	-1.71E-05	8.27E-06	-1.08E-05				
106	508.50	1.30E+00	8.76E-01	1.05E+00	2.95E-01	4.38E-01	-2.06E-02	1.45E+00	7.26E-01	27.00	8.76E-01	-2.95E-01	
	13.00	1.47E-05	-1.82E-06	4.92E-06	2.27E-05	3.37E-05	-1.59E-06	2.04E-05	-7.60E-06				
107	521.00	2.98E-01	2.84E-02	2.62E-01	2.78E-01	1.14E-01	-7.89E-02	4.72E-01	-1.46E-01	32.07	2.98E-01	2.78E-01	
	15.75	5.00E-06	-5.37E-06	3.60E-06	2.14E-05	8.81E-06	-6.07E-06	1.17E-05	-1.21E-05				
108	526.25	2.71E-01	3.34E-02	2.62E-01	2.94E-01	1.03E-01	-8.83E-02	4.69E-01	-1.65E-01	34.01	2.71E-01	2.94E-01	
	21.00	4.19E-06	-4.93E-06	3.85E-06	2.26E-05	7.91E-06	-6.79E-06	1.18E-05	-1.26E-05				
109	515.50	8.87E-01	6.00E-01	7.98E-01	4.30E-01	3.75E-01	-1.94E-02	1.20E+00	2.90E-01	35.78	6.00E-01	-4.30E-01	
	26.00	9.00E-06	-2.02E-06	5.57E-06	3.31E-05	2.88E-05	-1.49E-06	2.09E-05	-1.39E-05				
110	531.50	1.82E-01	3.12E-02	2.41E-01	2.38E-01	7.94E-02	-9.68E-02	3.56E-01	-1.43E-01	36.21	1.82E-01	2.38E-01	
	34.50	2.01E-06	-3.79E-06	4.28E-06	1.83E-05	6.10E-06	-7.44E-06	8.71E-06	-1.05E-05				
111	515.50	-7.69E-02	-2.51E-01	-2.43E-02	7.96E-01	7.80E-02	7.55E-01	6.20E-01	-9.87E-01	41.18	-7.69E-02	7.96E-01	
	44.00	1.35E-06	-6.88E-06	3.37E-06	6.13E-05	6.00E-06	5.81E-05	2.81E-05	-3.37E-05				
112	515.50	3.34E-01	2.46E-01	4.37E-01	1.73E-01	3.01E-01	-2.26E-02	4.69E-01	1.11E-01	37.90	2.46E-01	-1.73E-01	
	53.33	1.67E-06	-1.70E-06	5.62E-06	1.33E-05	2.31E-05	-1.74E-06	6.86E-06	-6.89E-06				
113	547.50	4.40E-02	2.89E-02	2.22E-01	2.27E-01	1.26E-01	-7.49E-01	2.63E-01	-1.91E-01	44.05	1.03E-01	-2.17E-01	
	64.00	-1.55E-06	-2.13E-06	5.29E-06	1.74E-05	9.72E-06	-5.76E-05	6.89E-06	-1.06E-05				
114	515.50	-1.00E-01	-2.44E-01	5.87E-03	3.42E-01	2.75E-02	2.71E-01	1.77E-01	-5.22E-01	39.05	-1.00E-01	3.42E-01	
	74.67	-1.29E-07	-5.68E-06	3.95E-06	2.63E-05	2.12E-06	2.08E-05	1.05E-05	-1.63E-05				
115	515.50	-3.09E-02	5.05E-03	1.77E-01	1.19E-01	1.84E-01	-3.12E-02	1.08E-01	-1.34E-01	49.28	5.05E-03	-1.19E-01	
	88.00	-2.85E-06	-1.47E-06	5.15E-06	9.18E-06	1.42E-05	-2.40E-06	2.48E-06	-6.80E-06				
116	547.50	-1.57E-01	-1.09E-01	7.01E-02	3.22E-01	7.72E-02	-2.79E-01	1.90E-01	-4.56E-01	47.14	3.98E-02	-2.73E-01	
	104.00	-3.89E-06	-2.04E-06	4.85E-06	2.48E-05	5.94E-06	-2.15E-05	9.47E-06	-1.54E-05				
117	515.50	2.51E-02	-1.17E-01	1.20E-01	2.88E-01	2.45E-02	1.53E-01	2.51E-01	-3.43E-01	38.07	2.51E-02	2.88E-01	
	120.00	6.63E-07	-4.81E-06	4.30E-06	2.22E-05	1.88E-06	1.17E-05	9.35E-06	-1.35E-05				
118	515.50	2.05E-01	1.64E-01	3.53E-01	1.06E-01	1.80E-01	-2.19E-02	2.93E-01	7.63E-02	39.49	1.64E-01	-1.06E-01	
	136.00	-4.25E-08	-1.63E-06	5.64E-06	8.16E-06	1.39E-05	-1.68E-06	3.32E-06	-5.00E-06				
119	547.50	-1.66E-01	-2.53E-01	2.56E-02	1.77E-01	7.05E-02	-5.18E-02	-2.72E-02	-3.92E-01	38.05	-1.65E-01	-1.77E-01	
	152.00	-2.05E-06	-1.42E-06	5.31E-06	1.36E-05	5.42E-06	-3.98E-06	3.28E-06	-1.08E-05				
120	515.50	-9.62E-02	-2.57E-01	2.47E-02	1.96E-01	7.67E-02	3.79E-01	3.47E-02	-3.88E-01	33.81	-9.62E-02	1.96E-01	
	168.00	-8.72E-08	-6.28E-06	4.56E-06	1.50E-05	5.90E-06	2.91E-05	4.95E-06	-1.13E-05				
121	515.50	1.13E-01	1.20E-01	3.30E-01	6.37E-02	3.34E-01	-1.09E-02	1.80E-01	5.23E-02	46.55	1.20E-01	-6.37E-02	
	184.00	-1.84E-06	-1.58E-06	6.51E-06	4.90E-06	2.57E-05	-8.39E-07	7.44E-07	-4.17E-06				
122	547.50	3.34E-04	3.87E-03	2.25E-01	1.61E-01	1.40E-01	-2.40E-01	1.63E-01	-1.59E-01	45.32	7.92E-02	-1.41E-01	
	200.00	-2.50E-06	-2.37E-06	6.13E-06	1.24E-05	1.08E-05	-1.84E-05	3.74E-06	-8.61E-06				
123	515.50	-7.23E-02	-2.25E-01	5.31E-02	1.06E-01	1.08E-01	5.04E-01	-1.77E-02	-2.79E-01	27.20	-7.23E-02	1.06E-01	

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	216.00	-1.03E-07	-5.66E-06	4.72E-06	8.10E-06	8.34E-06	3.88E-05	2.00E-06	-8.06E-06				
124	515.50	2.53E-01	2.30E-01	4.49E-01	-8.76E-03	4.29E-01	-8.97E-03	2.56E-01	2.27E-01	-18.85	2.30E-01	8.76E-03	
	232.00	-5.10E-07	-1.39E-06	7.03E-06	-6.74E-07	3.30E-05	-6.90E-07	-4.04E-07	-1.51E-06				
125	547.50	3.91E-01	4.45E-01	5.76E-01	8.28E-03	1.85E-01	-6.68E-01	4.47E-01	3.90E-01	81.48	4.46E-01	5.41E-03	
	248.00	-4.69E-07	1.61E-06	6.62E-06	6.37E-07	1.42E-05	-5.14E-05	1.66E-06	-5.17E-07				
126	515.50	1.52E-01	8.39E-02	2.58E-01	-7.13E-02	5.36E-02	2.83E-01	1.97E-01	3.88E-02	-32.30	1.52E-01	-7.13E-02	
	264.00	4.07E-07	-2.20E-06	4.50E-06	-5.49E-06	4.12E-06	2.18E-05	2.14E-06	-3.93E-06				
127	515.50	4.02E-01	3.26E-01	5.04E-01	-6.10E-02	2.67E-01	-1.69E-02	4.36E-01	2.93E-01	-29.11	3.26E-01	6.10E-02	
	276.00	1.02E-06	-9.86E-07	5.84E-06	-4.69E-06	2.05E-05	-1.30E-06	3.23E-06	-2.29E-06				
128	531.50	3.09E-01	1.47E-01	3.49E-01	-2.76E-02	5.10E-02	-1.65E-02	3.13E-01	1.42E-01	-9.39	3.09E-01	-2.76E-02	
	297.00	3.03E-06	-3.20E-06	4.59E-06	-2.12E-06	3.52E-06	-1.27E-06	3.21E-06	-3.38E-06				
129	515.50	3.56E-01	-9.56E-02	2.30E-01	-1.46E-01	6.60E-02	3.07E-01	3.99E-01	-1.36E-01	-16.39	3.56E-01	-1.46E-01	
	320.00	8.32E-06	-9.07E-06	3.45E-06	-1.12E-05	5.08E-06	2.36E-05	9.96E-06	-1.07E-05				
183	565.50	1.01E-01	-2.74E-01	8.36E-02	3.35E-01	1.62E-01	-1.40E-01	2.97E-01	-4.70E-01	30.36	1.01E-01	3.35E-01	
	-8.00	4.97E-06	-9.56E-06	4.20E-06	2.57E-05	1.40E-05	-1.08E-05	1.24E-05	-1.71E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1345E+02	-.8183E+02	-.7724E+02	-.3070E+01	-.2046E+02	.1076E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1432E+00	-.1062E+00	-.2552E+00	.2863E+01	.4824E+01	.1959E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2340E+00	.6479E-01	-.1539E+00	.6755E+01	.1188E+02	.2558E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.2115E+00	-.2582E-01	-.1051E+00	.1008E+02	.1746E+02	.3461E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.7313E-01	.3775E-02	-.7204E-01	.1314E+02	.2309E+02	.4110E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2099E-01	.6156E-02	-.6131E-01	.1723E+02	.2825E+02	.3807E+01
25	-.1571E+00	-.2787E-01	-.5273E-01	.2041E+02	.3103E+02	.2832E+01
26	.4412E+01	.7531E+00	-.9287E-01	.2259E+02	.3234E+02	.2127E+01
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.6274E+01	-.8264E+00	-.4456E-01	.2412E+02	.4116E+02	.1242E+01
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.6432E+02	-.5068E+01	-.3666E+01	.3503E+02	.9685E+02	-.2128E+01
4[illegible]	.7059E+01	.6544E+01	-.3993E+01	.3447E[illegible]	.9637E+02	-.6406E+00
4[illegible]	.5958E+02	.1296E+02	-.2444E+01	.3061[illegible]	.8778E+02	.7261E+00
	.2706E+02	.5328E+01	-.4062E+00	.25[illegible]	.6436E+02	.1111E+01

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.3861E+03	-.5718E+02	-.2009E+01	.1292E+02	.9400E+02	.2122E+02
48	-.3456E+03	-.4893E+02	-.2444E+01	.2145E+01	.8565E+02	.1324E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2801E+03	-.4120E+02	-.1675E+01	-.4039E+02	.5939E+02	.1733E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.1566E+01	-.3503E+01	.2251E-01	.7944E+01	.9433E+02	.2176E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1902E+03	-.2805E+02	-.1603E+01	-.3261E+02	.5284E+02	.1198E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1307E+03	-.1909E+02	-.2035E+01	-.3181E+02	.5606E+02	.1081E+02
66	-.3524E+02	-.4707E+01	-.2464E+01	-.3485E+02	.6337E+02	.1175E+02
67	.1022E+03	.1601E+02	-.2423E+01	-.3490E+02	.7293E+02	.1084E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1794E+03	.2777E+02	-.1811E+01	-.2516E+02	.8787E+02	.2896E+02
76	-.2284E+02	-.2420E+01	-.1115E+01	-.2388E+02	.1003E+03	.3430E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.7629E+02	.1254E+02	-.7723E+00	-.2249E+02	.1058E+03	.3107E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3466E+02	-.4074E+01	-.4180E+00	-.1883E+02	.1133E+03	.3497E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4460E+02	.7884E+01	-.3956E+00	-.2110E+02	.1201E+03	.2933E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3287E+02	-.3716E+01	-.3122E+00	-.2304E+02	.1218E+03	.2483E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3729E+02	.6861E+01	-.2711E+00	-.2007E+02	.1279E+03	.2364E+02
109	-.2494E+02	-.2468E+01	-.1813E+00	-.1925E+02	.1285E+03	.1927E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2158E+02	.6050E+01	-.9776E-01	-.1689E+02	.1329E+03	.2014E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.5126E+01	.2053E+01	.2810E+00	-.1476E+02	.1302E+03	.1935E+02
115	.2111E+02	.4483E+01	.5767E+00	-.1442E+02	.1292E+03	.1774E+02
116	.2864E+02	.5683E+01	.1196E+01	-.1104E+02	.1278E+03	.2126E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.3413E+02	.6538E+01	.1551E+01	-.1234E+02	.1268E+03	.1192E+02
119	.3972E+02	.7202E+01	.2224E+01	-.6735E+01	.1118E+03	.1496E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5385E+02	.5347E+01	.3217E+01	.9576E+00	.8471E+02	.1354E+02
122	.4424E+02	.5498E-01	.3503E+01	.3037E+01	.7958E+02	.6127E+01
123	.3177E+02	-.5125E+00	.3015E+01	.2052E+01	.6829E+02	.5152E+01
124	.2134E+02	-.4734E+00	.2085E+01	.1384E+01	.5517E+02	.4366E+01
125	.1187E+02	-.9633E+00	.1518E+01	.8349E+00	.4452E+02	.3628E+01
126	-.3256E+00	-.2565E+01	.1382E+01	.1150E+00	.3571E+02	.2840E+01
127	-.8843E+01	-.3903E+01	.1338E+01	-.3487E+00	.2875E+02	.1918E+01
128	-.1663E+02	-.4743E+01	.1030E+01	-.1436E+01	.1531E+02	.9259E+00
129	-.1535E+02	-.3858E+01	.5828E+00	-.1876E+01	.5323E+01	.2120E+00
130	-.9867E+01	-.2203E+01	.1141E+00	-.1897E+01	-.1190E+01	-.5913E-01
131	-.2230E+01	-.3419E+00	-.2169E+00	-.1557E+01	-.3401E+01	-.3057E-02
132	.3469E+00	.1839E+00	-.2134E+00	-.9995E+00	-.1715E+01	.1817E+00
133	.5293E+00	.1456E+00	-.1478E+00	-.6736E+00	-.3897E+00	.2584E+00
134	.1343E+00	.2889E-01	-.1128E+00	-.5088E+00	-.2499E-01	.2293E+00
135	-.2375E-01	-.1009E-01	-.1209E+00	-.3866E+00	-.3257E-01	.1652E+00
136	-.6156E-02	-.5886E-02	-.1525E+00	-.2635E+00	-.4914E-01	.1028E+00
137	-.1739E-01	-.6780E-02	-.1600E+00	-.1459E+00	-.3793E-01	.5152E-01
138	.2042E-01	.1409E-01	.5035E+01	-.4416E-01	.2562E-01	.1200E-01
139	.8282E-02	.1339E-01	-.2256E+02	-.1241E-01	-.1634E-01	.2598E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.67665E-03	.61432E-05	-.83154E-03	.00000E+00
3	.10661E-02	.55285E-04	-.10176E-02	.00000E+00
4	.99082E-03	.76294E-04	-.86199E-03	.00000E+00
5	.85657E-03	-.69277E-04	-.85723E-03	.00000E+00
6	.66094E-03	.18033E-04	-.65830E-03	.90220E-05
7	.84316E-03	.44483E-03	-.94019E-03	.00000E+00
8	.67095E-03	.37672E-03	-.71703E-03	.23383E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.77745E-03	.11364E-03	-.84629E-03	.00000E+00
11	.10134E-02	.28583E-03	-.12125E-02	.00000E+00
12	.88076E-03	.40960E-03	-.11472E-02	.00000E+00
13	.85173E-03	.35670E-03	-.10788E-02	.00000E+00
14	.65191E-03	.57789E-03	-.88535E-03	.51707E-05
15	.71210E-03	.96992E-03	-.14298E-02	.00000E+00
16	.63793E-03	.97566E-03	-.11542E-02	.30347E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.70963E-03	.28325E-03	-.11073E-02	.00000E+00
19	.94263E-03	.69565E-03	-.16777E-02	.00000E+00
20	.74792E-03	.89579E-03	-.16514E-02	.00000E+00
21	.77039E-03	.83328E-03	-.16442E-02	.00000E+00
22	.60039E-03	.11402E-02	-.15238E-02	.51084E-05
23	.63042E-03	.16969E-02	-.21802E-02	.00000E+00
24	.57815E-03	.17067E-02	-.19954E-02	.78101E-05
[illegible]	.56169E-03	.19182E-02	-.22717E-02	[illegible]42E-05
[illegible]	.55545E-03	.20184E-02	-.24266E-02	[illegible]81E-04

	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.43065E-03	.56773E-03	-.14522E-02	.00000E+00
	.55009E-03	.13593E-02	-.23322E-02	.00000E+00
30	.65981E-03	.17343E-02	-.23589E-02	.00000E+00
31	.75142E-03	.19577E-02	-.25736E-02	.00000E+00
32	.54003E-03	.23315E-02	-.25916E-02	.19326E-04
33	.65280E-03	.24273E-02	-.27358E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.27239E-03	.64358E-03	-.15518E-02	.00000E+00
36	.37634E-03	.16766E-02	-.25884E-02	.00000E+00
37	.54316E-03	.19512E-02	-.25816E-02	.00000E+00
38	.55064E-03	.26435E-02	-.28323E-02	.00000E+00
39	.62637E-03	.32715E-02	-.29322E-02	.10734E-04
40	.62521E-03	.30260E-02	-.28578E-02	.19896E-04
41	.62445E-03	.28558E-02	-.27857E-02	.23066E-04
42	.57837E-03	.25777E-02	-.26934E-02	.22854E-04
43	-.35847E-04	.22284E-02	-.31102E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.34565E-03	.63476E-03	-.17615E-02	.00000E+00
46	-.38988E-03	.16376E-02	-.30690E-02	.00000E+00
47	.62710E-03	.33149E-02	-.29717E-02	.15460E-05
48	.62714E-03	.33216E-02	-.29564E-02	.63114E-05
49	.51623E-03	.26373E-02	-.28636E-02	.00000E+00
50	.58303E-03	.33240E-02	-.29356E-02	.83345E-05
51	-.51903E-04	.26503E-02	-.32438E-02	.00000E+00
52	.99366E-04	.30457E-02	-.32967E-02	.00000E+00
53	.63134E-03	.32784E-02	-.30267E-02	-.53155E-05
54	-.49904E-03	.18307E-02	-.32460E-02	.00000E+00
55	-.44421E-03	.22025E-02	-.35420E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.46303E-03	.16139E-03	-.17246E-02	.00000E+00
58	-.92294E-03	.62526E-03	-.31954E-02	.00000E+00
59	-.24278E-03	.27700E-02	-.36809E-02	.00000E+00
60	-.11706E-03	.29913E-02	-.33501E-02	.00000E+00
61	.55503E-03	.33369E-02	-.29292E-02	.10188E-04
62	-.88357E-03	.11237E-02	-.37874E-02	.00000E+00
63	-.75234E-03	.15402E-02	-.42544E-02	.00000E+00
64	.10425E-03	.31259E-02	-.32781E-02	.00000E+00
65	.52264E-03	.33484E-02	-.29224E-02	.11300E-04
66	.45221E-03	.33720E-02	-.29087E-02	.11795E-04
67	.38612E-03	.33283E-02	-.28956E-02	.97783E-05
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.50334E-03	.15503E-03	-.11446E-02	.00000E+00
70	-.12340E-02	.77789E-03	-.36031E-02	.00000E+00
71	-.84236E-03	.20544E-02	-.48335E-02	.00000E+00
72	.18598E-04	.31517E-02	-.33588E-02	.00000E+00
73	-.14471E-02	.10465E-02	-.43701E-02	.00000E+00
74	.41073E-04	.33763E-02	-.32632E-02	.00000E+00
75	.33805E-03	.34208E-02	-.28806E-02	.55513E-05
76	.30486E-03	.34552E-02	-.28267E-02	.18233E-05
77	-.13116E-02	.16118E-02	-.51064E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.77440E-03	.12040E-03	-.17310E-02	.00000E+00
80	-.15671E-02	.54443E-03	-.35610E-02	.00000E+00
81	-.16805E-02	.71468E-03	-.38970E-02	.00000E+00
82	-.17372E-02	.10576E-02	-.48563E-02	.00000E+00
83	-.86606E-03	.26513E-02	-.51573E-02	.00000E+00
84	-.14214E-02	.20037E-02	-.62286E-02	.00000E+00
85	.27651E-03	.35247E-02	-.27712E-02	.61850E-06
86	.20676E-04	.35220E-02	-.30516E-02	.00000E+00
87	-.16006E-02	.14601E-02	-.53416E-02	.00000E+00
88	-.27260E-03	.31311E-02	-.42083E-02	.00000E+00
89	.26432E-03	.35300E-02	-.26949E-02	-.42210E-06
90	-.20369E-02	.15480E-03	-.23347E-02	.00000E+00

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91	-.19336E-02	.29430E-03	-.27373E-02	.00000E+00
92	-.17128E-02	.48524E-03	-.31086E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.11044E-02	.00000E+00	-.82469E-03	.00000E+00
95	-.18730E-02	.00000E+00	-.15967E-02	.00000E+00
96	-.20072E-02	.00000E+00	-.18928E-02	.00000E+00
97	-.21007E-02	.00000E+00	-.18103E-02	.00000E+00
98	-.21258E-02	.00000E+00	-.17491E-02	.00000E+00
99	-.20677E-02	.90332E-04	-.19635E-02	.00000E+00
100	-.14009E-02	.84102E-03	-.39340E-02	.00000E+00
101	-.93461E-03	.21355E-02	-.65693E-02	.00000E+00
102	.26910E-03	.36592E-02	-.25916E-02	.31238E-06
103	-.81949E-03	.29511E-02	-.58056E-02	.00000E+00
104	.21839E-04	.37257E-02	-.29440E-02	.00000E+00
105	.26711E-03	.37405E-02	-.24680E-02	.13274E-05
106	-.60675E-03	.35108E-02	-.54897E-02	.00000E+00
107	-.73421E-04	.39084E-02	-.29345E-02	.00000E+00
108	.21395E-03	.38208E-02	-.23520E-02	.13236E-05
109	.20830E-03	.38815E-02	-.22046E-02	.75432E-06
110	-.53259E-04	.41988E-02	-.52715E-02	.00000E+00
111	.83224E-05	.41518E-02	-.29741E-02	.00000E+00
112	.17344E-03	.39523E-02	-.20708E-02	.79128E-06
113	-.50293E-04	.41324E-02	-.42888E-02	.00000E+00
114	.16639E-03	.39879E-02	-.18873E-02	.13090E-05
115	.12061E-03	.40384E-02	-.17253E-02	.66034E-06
116	.14242E-03	.40528E-02	-.15082E-02	-.12529E-05
117	.22640E-04	.42263E-02	-.25707E-02	.00000E+00
118	.15875E-03	.40666E-02	-.14108E-02	-.17272E-05
119	.21836E-03	.40879E-02	-.12477E-02	-.46230E-05
120	-.50388E-04	.43973E-02	-.20684E-02	.00000E+00
121	.38135E-03	.40804E-02	-.10230E-02	-.87729E-05
122	.39978E-03	.41514E-02	-.99578E-03	-.99702E-05
123	.42358E-03	.42142E-02	-.96637E-03	-.10745E-04
124	.45020E-03	.42914E-02	-.93718E-03	-.11421E-04
125	.48289E-03	.43521E-02	-.90456E-03	-.11860E-04
126	.53839E-03	.44704E-02	-.85007E-03	-.11333E-04
127	.58812E-03	.45764E-02	-.79599E-03	-.95362E-05
128	.65310E-03	.47266E-02	-.68492E-03	-.37181E-05
129	.65697E-03	.47422E-02	-.58094E-03	.22395E-05
130	.59810E-03	.46012E-02	-.46764E-03	.82145E-05
131	.42040E-03	.41029E-02	-.29606E-03	.12845E-04
132	.23232E-03	.34383E-02	-.14899E-03	.13877E-04
133	.70935E-04	.28759E-02	-.22219E-04	.13062E-04
134	-.47996E-04	.23196E-02	.78181E-04	.12177E-04
135	-.13862E-03	.17617E-02	.15648E-03	.12151E-04
136	-.20607E-03	.12396E-02	.21462E-03	.12221E-04
137	-.24501E-03	.66409E-03	.24749E-03	.12318E-04
138	-.27119E-03	.97679E-04	.27103E-03	.12202E-04
139	-.27118E-03	.12215E-04	.27119E-03	.12214E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8500E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.94E-02	2.70E-02	-5.37E-03	9.32E-02	7.98E-03	-1.07E-01	1.16E-01	-7.00E-02	46.16	1.94E-02	9.32E-02
	-303.00	3.50E-07	6.93E-07	-7.77E-07	8.47E-06	7.26E-07	-9.75E-06	4.76E-06	-3.72E-06			
2	72.00	6.72E-03	2.95E-02	-2.55E-02	5.13E-02	6.29E-03	-5.15E-02	7.07E-02	-3.45E-02	51.25	6.72E-03	5.13E-02
	-213.00	1.67E-07	1.20E-06	-1.30E-06	4.67E-06	5.72E-07	-4.69E-06	3.07E-06	-1.71E-06			
3	72.00	[illegible].70E-02	4.06E-02	-5.61E-02	4.87E-03	-1.47E-02	-2.[illegible]6E-02	4.09E-02	-3.73E-02	86.42	-3.70E-02	4.87E-03
	-138.00	[illegible]65E-07	1.20E-06	-1.00E-06	2.21E-07	-6.66E-07	-[illegible]-06	1.21E-06	-5.72E-07			
4	24.[illegible]	[illegible]32E-01	3.70E-01	4.76E-01	2.66E-03	-8.48E-02	[illegible]-02	3.70E-01	3.31E-01	86.05	3.32E-01	2.6[illegible]

	-68.00	[illegible]4E-07	1.29E-06	5.37E-06	2.05E-07	-2.52E-06	[illegible]06	1.30E-06	-1.93E-07				
5	72.00	[illegible]4E-01	-1.88E-01	-3.07E-01	4.45E-02	-2.21E-02	-6[illegible]03	-1.53E-01	-2.69E-01	61.20	-1.88E-01	-4.45E-[illegible]	
	-88.00	[illegible]27E-06	9.06E-07	-3.70E-06	3.42E-06	-1.70E-06	-5.[illegible]-07	1.95E-06	-2.21E-06				
6	120.00	-1.65E-01	-1.97E-01	-2.26E-01	-3.66E-02	3.53E-03	3.02E-02	-1.41E-01	-2.21E-01	-33.08	-2.20E-01	-9.32E-03	
	-68.00	1.13E-07	-1.13E-06	-2.22E-06	-2.82E-06	2.94E-07	2.32E-06	1.04E-06	-2.04E-06				
7	36.25	-4.65E-02	-4.30E-02	-7.12E-02	3.81E-02	-2.21E-04	-2.16E-02	-6.65E-03	-8.29E-02	46.33	-4.79E-02	3.80E-02	
	-19.00	-2.31E-08	1.13E-07	-9.73E-07	2.93E-06	-1.70E-08	-1.67E-06	1.51E-06	-1.42E-06				
8	108.00	-9.72E-03	2.65E-02	-4.42E-02	-3.15E-02	-9.55E-03	-6.15E-03	4.47E-02	-2.79E-02	-59.95	-9.72E-03	-3.15E-02	
	-19.00	-7.27E-08	1.32E-06	-1.40E-06	-2.42E-05	-7.34E-07	-4.73E-07	2.02E-06	-7.74E-07				
9	216.00	5.89E-02	1.13E-01	5.22E-02	9.72E-02	-4.03E-03	-1.25E-01	1.97E-01	-1.46E-02	52.81	5.89E-02	9.72E-02	
	-303.00	-2.35E-07	2.23E-06	-5.40E-07	8.83E-06	-3.66E-07	-1.13E-05	5.58E-06	-3.59E-06				
10	216.00	3.96E-02	1.20E-01	1.35E-02	5.06E-02	-9.51E-03	-7.48E-02	1.44E-01	1.43E-02	64.41	3.86E-02	5.06E-02	
	-213.00	-4.81E-07	3.22E-06	-1.62E-06	4.60E-06	-9.01E-07	-6.80E-06	4.32E-06	-1.55E-06				
11	216.00	-4.60E-02	1.04E-01	-1.22E-01	8.50E-03	-2.05E-02	-4.14E-02	1.04E-01	-4.65E-02	66.76	-4.60E-02	8.50E-03	
	-138.00	-7.07E-07	2.69E-06	-2.44E-06	3.87E-07	-9.31E-07	-1.88E-06	2.70E-06	-7.18E-07				
12	168.00	1.62E-01	4.10E-01	1.71E-01	6.14E-02	-4.28E-02	-6.33E-02	4.25E-01	1.48E-01	76.64	1.62E-01	6.14E-02	
	-68.00	-1.94E-06	7.61E-06	-1.59E-06	4.72E-06	-3.29E-06	-4.87E-06	8.16E-06	-2.49E-06				
13	216.00	-2.47E-01	-1.58E-01	-3.14E-01	6.97E-02	-5.67E-02	1.81E-02	-1.20E-01	-2.85E-01	61.28	-1.58E-01	-6.97E-02	
	-88.00	-1.60E-06	1.83E-06	-4.18E-06	5.36E-06	-4.36E-06	1.39E-06	3.30E-06	-3.07E-06				
14	264.00	-1.60E-01	-2.03E-01	-2.70E-01	-2.25E-02	5.79E-03	7.05E-03	-1.50E-01	-2.13E-01	-22.99	-2.08E-01	-1.73E-02	
	-68.00	8.10E-07	-8.65E-07	-3.42E-06	-1.73E-06	4.46E-07	5.42E-07	1.18E-06	-1.23E-06				
15	180.00	-1.03E-01	-2.46E-02	-1.37E-01	6.05E-02	-2.54E-02	5.85E-04	8.17E-03	-1.36E-01	61.55	-1.03E-01	6.05E-02	
	-19.00	-1.07E-06	1.96E-06	-2.35E-06	4.65E-06	-1.95E-06	4.50E-08	3.23E-06	-2.33E-06				
16	252.00	-4.53E-03	6.20E-02	-8.65E-02	-2.48E-02	-1.36E-02	-6.16E-03	7.02E-02	-1.27E-02	-71.68	-4.53E-03	-2.48E-02	
	-19.00	1.44E-07	2.70E-06	-3.01E-06	-1.90E-06	-1.05E-06	-4.74E-07	3.02E-06	-1.71E-07				
17	361.00	1.02E-01	2.27E-01	1.01E-01	8.04E-02	-2.18E-03	-1.63E-01	2.66E-01	6.24E-02	63.93	1.02E-01	8.04E-02	
	-303.00	-9.55E-07	4.73E-06	-9.83E-07	7.31E-06	-1.98E-07	-1.48E-05	6.52E-06	-2.74E-06				
18	361.00	3.76E-02	2.33E-01	2.53E-02	6.06E-02	-8.03E-03	-1.11E-01	2.50E-01	2.03E-02	74.08	3.76E-02	6.06E-02	
	-213.00	-2.13E-06	6.74E-06	-2.69E-06	5.51E-06	-7.30E-07	-1.01E-05	7.53E-06	-2.92E-06				
19	361.00	-7.43E-02	1.98E-01	-1.64E-01	8.94E-02	-2.54E-02	-7.16E-02	2.25E-01	-1.01E-01	73.36	-7.43E-02	8.94E-02	
	-138.00	-1.48E-06	4.71E-06	-3.51E-06	4.06E-06	-1.15E-06	-3.25E-06	5.32E-06	-2.09E-06				
20	312.00	2.75E-01	6.14E-01	2.50E-01	1.38E-01	-5.91E-02	-1.49E-01	6.64E-01	2.26E-01	70.39	2.75E-01	1.38E-01	
	-68.00	-1.94E-06	1.11E-05	-2.90E-06	1.06E-05	-4.55E-06	-1.14E-05	1.30E-05	-3.84E-06				
21	360.67	-3.75E-01	-3.74E-01	-4.71E-01	1.44E-01	-8.07E-02	-6.80E-03	-2.31E-01	-5.18E-01	45.05	-3.74E-01	-1.44E-01	
	-88.00	-1.01E-06	-9.88E-07	-4.71E-06	1.11E-05	-6.20E-06	-5.23E-07	4.53E-06	-6.53E-06				
22	409.33	2.75E-01	4.14E-01	1.25E-01	8.26E-02	-1.52E-02	-1.09E-01	4.53E-01	2.37E-01	65.05	4.40E-01	5.10E-02	
	-68.00	1.64E-06	6.99E-06	-4.15E-06	6.36E-06	-1.17E-06	-8.42E-06	8.47E-06	1.56E-07				
23	324.00	-1.33E-01	-3.01E-02	-1.99E-01	1.03E-01	-4.32E-02	-1.96E-02	3.40E-02	-1.97E-01	58.19	-1.33E-01	1.03E-01	
	-19.00	-1.13E-06	2.82E-06	-3.68E-06	7.95E-06	-3.32E-06	-1.51E-06	5.28E-06	-3.59E-06				
24	372.00	-9.53E-03	1.24E-01	-1.06E-01	3.76E-02	-4.56E-02	3.37E-03	1.34E-01	-1.94E-02	75.29	-9.53E-03	3.76E-02	
	-9.33	-4.57E-07	4.67E-06	-4.17E-06	2.89E-06	-3.51E-06	2.59E-07	5.05E-06	-8.36E-07				
25	401.25	-5.81E-02	-3.59E-02	-1.95E-01	2.46E-02	-2.58E-02	-4.32E-02	-2.00E-02	-7.40E-02	57.16	-7.40E-02	9.58E-04	
	-19.00	9.44E-07	1.80E-06	-4.33E-06	1.89E-06	-1.98E-06	-3.33E-06	2.41E-06	3.32E-07				
26	427.67	4.13E-01	7.83E-01	3.23E-01	7.55E-02	-5.75E-02	-3.49E-02	7.98E-01	3.98E-01	78.90	4.94E-01	1.70E-01	
	-9.33	-8.12E-07	1.34E-05	-4.26E-06	5.81E-06	-4.43E-06	-2.69E-06	1.40E-05	-1.38E-06				
27	457.00	1.28E-01	3.15E-01	1.39E-01	5.26E-02	1.94E-03	-1.91E-01	3.29E-01	1.15E-01	75.28	1.28E-01	5.26E-02	
	-303.00	-1.72E-06	6.76E-06	-1.26E-06	4.78E-06	1.76E-07	-1.74E-05	7.39E-06	-2.35E-06				
28	457.00	2.36E-02	3.38E-01	3.95E-02	6.31E-02	-4.95E-03	-1.43E-01	3.50E-01	1.14E-02	79.08	2.36E-02	6.31E-02	
	-213.00	-4.14E-06	1.02E-05	-3.42E-06	5.73E-06	-4.50E-07	-1.30E-05	1.07E-05	-4.65E-06				
29	457.00	-2.47E-01	1.50E-01	-2.69E-01	1.67E-01	-2.20E-02	-8.47E-02	2.11E-01	-3.08E-01	69.95	-2.47E-01	1.67E-01	
	-138.00	-3.69E-06	5.33E-06	-4.20E-06	7.59E-06	-1.00E-06	-3.85E-06	6.72E-06	-5.07E-06				
30	442.00	4.85E-01	1.09E+00	4.91E-01	2.87E-01	-3.79E-02	-2.26E-01	1.21E+00	3.71E-01	68.35	4.85E-01	2.87E-01	
	-68.00	-4.11E-06	1.53E-05	-3.84E-06	2.21E-05	-2.91E-06	-1.74E-05	2.37E-05	-8.49E-06				
31	457.33	-1.94E-01	3.10E-01	-1.16E-01	2.53E-02	-2.43E-02	-1.04E-01	3.11E-01	-1.95E-01	87.14	3.10E-01	-2.53E-02	
	-88.00	-7.44E-06	1.19E-05	-4.46E-06	1.94E-06	-1.87E-06	-8.02E-06	1.20E-05	-7.50E-06				
32	472.67	1.03E+00	1.95E+00	1.03E+00	1.55E-01	-9.82E-04	-1.96E-01	1.98E+00	1.00E+00	80.77	1.24E+00	4.18E-01	
	-68.00	-4.64E-06	3.10E-05	-4.31E-06	1.19E-05	-7.55E-08	-1.51E-05	3.20E-05	-5.61E-06				
33	443.00	1.23E-02	2.17E-01	-7.41E-02	2.28E-01	-3.86E-02	-7.58E-02	3.65E-01	-1.36E-01	57.07	1.23E-02	2.28E-01	
	-19.50	-1.23E-06	6.64E-06	-4.56E-06	1.76E-05	-2.97E-06	-5.83E-06	1.23E-05	-6.92E-06				
34	454.00	9.99E-01	1.40E+00	7.91E-01	3.10E-01	-4.26E-02	-8.33E-02	1.57E+00	8.25E-01	61.27	1.14E+00	3.64E-01	
	-11.33	3.44E-06	1.87E-05	-4.59E-06	2.39E-05	-3.28E-06	-6.41E-06	2.52E-05	-3.10E-06				
35	461.67	1.24E+00	1.97E+00	1.12E+00	2.65E-01	-2.65E-02	-1.22E-01	2.06E+00	1.16E+00	72.09	1.24E+00	2.65E-01	
	-13.00	6.85E-06	2.83E-05	-4.51E-06	2.04E-05	-2.04E-06	-5.36E-06	3.16E-05	-3.22E-06				
36	460.00	-5.87E-01	7.00E-02	-3.64E-01	1.46E-02	-3.58E-02	-8.25E-02	7.04E-02	-5.87E-01	68.73	7.00E-02	-1.46E-02	

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	-30.[illegible]	[illegible]27E-05	1.26E-05	-4.87[illegible]-06	1.12E-06	-2.76E-06	[illegible]-06	1.26E-05	-1.27E-05				
37	476.3[illegible]	[illegible].41E+00	2.23E+00	1.28E+00	2.61E-01	-2.57E-02	[illegible]-01	2.30E+00	1.33E+00	73.77	1.54E+00	4.03E[illegible]	
	-12.00	1.06E-07	3.17E-05	-4.79[illegible]-06	2.01E-05	-1.98E-06	[illegible]-06	3.46E-05	-2.81E-06				
38	558.50	1.17E-01	3.17E-01	1.27E-01	-4.96E-03	9.33E-03	-2.09E-01	3.17E-01	1.17E-01	-66.58	1.17E-01	-4.96E-03	
	-303.00	-1.97E-06	7.13E-06	-1.52E-06	-4.51E-07	8.48E-07	-1.90E-05	7.14E-06	-1.97E-06				
39	558.50	2.71E-02	3.72E-01	3.49E-02	1.80E-03	2.04E-02	-1.66E-01	3.72E-01	2.71E-02	89.70	2.71E-02	1.80E-03	
	-213.00	-4.41E-06	1.13E-05	-4.05E-06	1.63E-07	1.86E-06	-1.51E-05	1.13E-05	-4.41E-06				
40	504.17	-1.66E-01	1.00E+00	3.44E-04	2.69E-02	-5.20E-02	-2.59E-01	1.00E+00	-1.66E-01	88.68	-1.66E-01	2.69E-02	
	-128.00	-8.14E-06	1.83E-05	-4.37E-06	1.22E-06	-2.36E-06	-1.18E-05	1.84E-05	-8.15E-06				
41	558.50	-6.13E-01	5.49E-01	-3.73E-01	6.80E-02	7.35E-03	-8.72E-02	5.53E-01	-6.17E-01	86.66	5.49E-01	-6.80E-02	
	-148.00	-1.16E-05	1.48E-05	-6.19E-06	3.09E-06	3.34E-07	-3.96E-06	1.49E-05	-1.17E-05				
42	610.83	-3.52E-02	9.02E-01	-6.40E-02	-7.64E-02	8.65E-02	-2.04E-01	9.08E-01	-4.14E-02	-85.37	4.82E-01	4.72E-01	
	-128.00	-5.01E-06	1.63E-05	-5.66E-06	-3.47E-06	3.93E-06	-9.27E-06	1.64E-05	-5.15E-06				
43	501.38	-2.71E-01	1.90E-01	-2.12E-01	4.05E-02	-1.50E-02	-1.09E-01	1.93E-01	-2.75E-01	65.01	-2.71E-01	4.05E-02	
	-78.00	-7.20E-06	1.05E-05	-4.92E-06	3.12E-06	-1.15E-06	-8.37E-06	1.07E-05	-7.34E-06				
44	534.67	1.71E-01	9.30E-01	2.22E-01	1.56E-01	8.83E-03	-5.86E-02	9.50E-01	1.41E-01	78.83	7.70E-01	3.46E-01	
	-68.00	-7.95E-06	2.12E-05	-6.00E-06	1.20E-05	6.79E-07	-4.51E-06	2.24E-05	-9.13E-06				
45	584.67	5.12E-02	5.44E-01	3.86E-02	-1.32E-01	2.19E-02	-2.01E-01	5.77E-01	1.80E-02	-75.89	5.12E-02	-1.32E-01	
	-68.00	-5.00E-06	1.40E-05	-5.48E-06	-1.02E-05	1.69E-06	-1.55E-05	1.52E-05	-6.28E-06				
46	610.83	-1.55E-01	6.15E-01	-3.84E-02	-8.87E-02	8.36E-02	-1.38E-01	6.25E-01	-1.65E-01	-83.51	6.15E-01	8.87E-02	
	-88.00	-1.06E-05	1.90E-05	-6.11E-06	-6.82E-06	6.43E-06	-1.06E-05	1.94E-05	-1.10E-05				
47	482.63	1.61E-01	5.47E-01	1.09E-01	6.11E-02	-8.94E-03	-1.05E-01	5.57E-01	1.52E-01	81.21	1.61E-01	6.11E-02	
	-21.00	-2.78E-06	1.21E-05	-4.80E-06	4.70E-06	-6.88E-07	-8.10E-06	1.24E-05	-3.14E-06				
48	485.83	1.69E+00	2.67E+00	1.57E+00	1.30E-01	5.88E-03	-1.45E-01	2.68E+00	1.68E+00	82.54	1.71E+00	1.91E-01	
	-12.00	-1.14E-08	3.74E-05	-4.83E-06	9.97E-06	4.53E-07	-1.12E-05	3.81E-05	-6.64E-07				
49	507.88	-7.51E-02	3.63E-01	-7.09E-02	4.79E-02	3.96E-04	-9.94E-02	3.68E-01	-8.03E-02	63.83	-7.51E-02	4.79E-02	
	-21.00	-5.27E-06	1.16E-05	-5.11E-06	3.68E-06	3.04E-08	-7.64E-06	1.18E-05	-5.47E-06				
50	538.67	5.90E-02	9.36E-01	1.75E-01	1.32E-01	1.81E-02	-4.01E-02	9.56E-01	3.95E-02	61.60	6.72E-01	4.24E-01	
	-10.00	-1.06E-05	2.31E-05	-6.12E-06	1.02E-05	1.39E-06	-3.09E-06	2.39E-05	-1.13E-05				
51	484.67	9.23E-01	6.93E-01	4.70E-01	-3.01E-02	-1.85E-01	-4.39E-02	9.27E-01	6.89E-01	-7.35	6.93E-01	3.01E-02	
	8.00	1.26E-05	3.73E-06	-4.84E-06	-2.32E-06	-1.42E-05	-3.37E-06	1.27E-05	3.58E-06				
52	507.00	-7.19E-01	-6.67E-01	-7.39E-01	-4.10E-01	4.33E-03	-4.89E-02	-2.82E-01	-1.10E+00	-46.78	-1.06E+00	-1.80E-01	
	9.00	-4.28E-06	-2.31E-06	-5.07E-06	-3.15E-05	3.33E-07	-3.76E-06	1.25E-05	-1.91E-05				
53	603.00	-1.76E-01	1.35E-01	-2.38E-01	-3.97E-02	1.80E-02	-7.31E-02	1.40E-01	-1.81E-01	-82.84	-1.17E-01	-1.28E-01	
	-18.00	-3.70E-06	8.25E-06	-6.08E-06	-3.05E-06	1.38E-06	-5.62E-06	8.44E-06	-3.89E-06				
54	712.00	1.02E-01	2.08E-01	7.79E-02	-6.68E-02	1.79E-02	-2.16E-01	2.41E-01	7.02E-02	-64.21	1.02E-01	-6.68E-02	
	-303.00	-3.91E-07	4.42E-06	-1.51E-06	-6.07E-06	1.63E-06	-1.96E-05	5.89E-06	-1.86E-06				
55	712.00	3.20E-02	2.59E-01	-1.20E-02	-8.53E-02	4.26E-02	-1.82E-01	2.87E-01	3.54E-03	-71.54	3.20E-02	-8.53E-02	
	-213.00	-2.17E-06	8.15E-06	-4.17E-06	-7.75E-06	3.87E-06	-1.65E-05	9.44E-06	-3.46E-06				
56	712.00	-2.33E-01	1.56E-01	-3.44E-01	-1.37E-01	7.45E-02	-1.81E-01	2.00E-01	-2.76E-01	-72.44	-2.33E-01	-1.37E-01	
	-138.00	-3.09E-06	5.76E-06	-5.61E-06	-6.23E-06	3.39E-06	-8.24E-06	6.75E-06	-4.08E-06				
57	712.00	-1.59E-01	7.30E-02	-2.57E-01	-4.03E-02	2.51E-02	-1.13E-01	7.98E-02	-1.66E-01	-80.42	-1.59E-01	-4.03E-02	
	-78.00	-2.34E-06	6.57E-06	-6.11E-06	-3.10E-06	1.93E-06	-8.71E-06	6.83E-06	-2.60E-06				
58	712.00	-1.02E-01	2.13E-01	-1.93E-01	-4.72E-02	4.05E-03	-1.17E-01	2.20E-01	-1.09E-01	-81.66	-1.02E-01	-4.72E-02	
	-18.00	-3.03E-06	9.10E-06	-6.53E-06	-3.63E-06	3.12E-07	-9.00E-06	9.36E-06	-3.29E-06				
59	837.00	2.83E-01	2.54E-01	2.15E-01	-6.84E-02	1.26E-01	-2.11E-01	3.38E-01	1.99E-01	-39.13	2.54E-01	6.84E-02	
	-318.00	3.09E-06	1.79E-06	.00E+00	-6.22E-06	1.15E-05	-1.92E-05	5.62E-06	-7.37E-07				
60	887.00	2.13E-01	3.34E-01	2.19E-01	-1.80E-01	4.25E-02	-4.91E-01	4.63E-01	8.33E-02	-54.30	1.43E-01	1.38E-01	
	-288.00	-2.69E-07	5.24E-06	.00E+00	-1.64E-05	3.87E-06	-4.46E-05	1.11E-05	-6.15E-06				
61	987.00	9.12E-02	2.36E-01	1.31E-01	-2.20E-01	-4.30E-02	-4.91E-01	3.96E-01	-6.82E-02	-54.11	9.12E-02	-2.20E-01	
	-288.00	-1.81E-06	4.78E-06	.00E+00	-2.00E-05	-3.91E-06	-4.47E-05	1.20E-05	-9.05E-06				
62	1037.00	4.58E-01	4.04E-01	3.45E-01	-1.98E-01	1.27E-01	-4.23E-01	6.31E-01	2.31E-01	-41.07	4.04E-01	1.98E-01	
	-318.00	5.16E-06	2.68E-06	.00E+00	-1.80E-05	1.15E-05	-3.85E-05	1.30E-05	-5.17E-06				
63	862.00	2.74E-02	1.85E-01	-2.91E-02	-6.68E-02	4.71E-02	-2.46E-01	2.10E-01	2.97E-03	-69.88	2.74E-02	-6.68E-02	
	-213.00	-1.14E-06	6.04E-06	-3.71E-06	-6.07E-06	4.28E-06	-2.23E-05	7.15E-06	-2.25E-06				
64	1012.00	-3.26E-02	1.40E-01	-6.42E-02	-1.02E-01	1.84E-02	-2.66E-01	1.88E-01	-8.00E-02	-65.11	-3.26E-02	-1.02E-01	
	-213.00	-2.05E-06	5.02E-06	-3.49E-06	-9.30E-06	1.67E-06	-2.42E-05	7.97E-06	-4.21E-06				
65	837.00	-4.00E-01	2.42E-01	-3.77E-01	8.49E-03	3.43E-02	-2.38E-01	2.42E-01	-4.00E-01	89.24	2.42E-01	-8.49E-03	
	-148.00	-6.28E-06	8.31E-06	-5.77E-06	3.86E-07	1.56E-06	-1.08E-05	8.31E-06	-6.29E-06				
66	937.00	-1.41E-01	2.15E-01	-2.51E-01	-9.38E-02	1.05E-01	-2.81E-01	3.06E-01	-1.61E-01	-78.16	1.63E-01	2.15E-01	
	-128.00	-2.66E-06	7.06E-06	-5.15E-06	-4.26E-06	4.79E-06	-1.28E-05	7.51E-06	-3.10E-06				
67	1037.00	-1.42E-01	4.47E-01	-1.91E-01	-5.08E-02	1.70E-01	-2.73E-01	4.52E-01	-1.46E-01	-85.11	4.47E-01	5.08E-02	
	-148.00	-3.82E-06	9.57E-06	-4.95E-06	-2.31E-06	7.75E-06	-1.24E-05	9.66E-06	-3.92E-06				
68	937.00	3.70E-03	4.52E-01	-2.10E-02	-1.08E-01	6.25E-02	-3.46E-01	4.76E-01	-2.10E-02	-77.13	3.70E-03	-1.08E-01	

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	-68.00	-4.63E-06	1.26E-05	-5.58E-05	-9.31E-06	4.81E-06	-2.66E-05	1.35E-05	-5.58E-06				
69	937.00	-3.53E-01	2.09E-02	-2.50E-01	2.60E-02	8.84E-02	-1.64E-01	2.27E-02	-3.55E-01	86.04	2.09E-02	-2.60E-02	
	-88.00	-6.09E-06	8.30E-06	-5.95E-06	2.00E-06	6.80E-06	-1.26E-05	8.37E-06	-6.16E-06				
70	1037.00	4.51E-01	9.43E-01	3.62E-01	2.69E-02	2.78E-02	-5.27E-01	9.44E-01	4.50E-01	86.87	8.94E-01	1.50E-01	
	-68.00	-1.93E-06	1.70E-05	-5.38E-06	2.07E-06	2.14E-06	-4.06E-05	1.70E-05	-1.99E-06				
71	862.00	-1.76E-01	1.61E-01	-2.49E-01	-3.61E-02	6.96E-02	-1.66E-01	1.64E-01	-1.80E-01	-83.96	-1.76E-01	-3.61E-02	
	-18.00	-3.88E-06	9.08E-06	-6.65E-06	-2.78E-06	5.35E-06	-1.28E-05	9.22E-06	-4.03E-06				
72	1012.00	-6.23E-02	1.58E-01	-1.74E-01	2.34E-02	5.15E-02	-1.49E-01	2.00E-01	-6.44E-02	84.90	-6.23E-02	2.34E-02	
	-18.00	-1.03E-06	8.06E-06	-6.37E-06	1.80E-06	3.96E-06	-1.15E-05	8.14E-06	-2.01E-06				
73	1387.00	-2.39E-02	-3.12E-03	-3.54E-02	-1.16E-01	1.71E-02	-1.56E-01	1.03E-01	-1.30E-01	-47.56	-2.39E-02	-1.16E-01	
	-303.00	-2.75E-07	6.69E-07	-7.99E-07	-1.05E-05	1.55E-06	-1.42E-05	5.49E-06	-5.09E-06				
74	1387.00	-3.47E-02	2.88E-02	-7.47E-02	-1.02E-01	5.22E-02	-1.60E-01	1.03E-01	-1.09E-01	-53.68	-3.47E-02	-1.02E-01	
	-213.00	-5.30E-07	2.36E-06	-2.35E-06	-9.23E-06	4.74E-06	-1.46E-05	5.75E-06	-3.92E-06				
75	1387.00	-1.01E-01	-1.57E-02	-2.21E-01	-6.85E-02	1.44E-01	-1.21E-01	2.23E-02	-1.39E-01	-61.01	-1.01E-01	-6.85E-02	
	-138.00	-5.27E-07	1.42E-06	-3.26E-06	-3.11E-06	6.57E-06	-5.49E-06	2.28E-06	-1.39E-06				
76	1187.00	-2.13E-01	-1.33E-01	-3.09E-01	-1.41E-01	1.70E-01	-8.50E-02	-2.62E-02	-3.19E-01	-52.97	-2.13E-01	-1.41E-01	
	-68.00	-9.99E-07	2.10E-06	-4.70E-06	-1.08E-05	1.31E-05	-6.54E-06	6.19E-06	-5.09E-06				
77	1387.00	-2.61E-02	1.02E-01	-7.22E-02	-4.40E-02	1.33E-01	-1.44E-01	1.15E-01	-3.98E-02	-72.72	1.02E-01	4.40E-02	
	-88.00	-1.04E-06	3.87E-06	-2.81E-06	-3.38E-06	1.02E-05	-1.10E-05	4.40E-06	-1.57E-06				
78	1587.00	-1.02E-02	6.24E-02	-6.86E-02	-5.36E-02	5.47E-02	-6.00E-02	9.08E-02	-3.87E-02	-62.05	3.90E-02	6.35E-02	
	-68.00	-2.13E-07	2.58E-06	-2.46E-06	-4.13E-06	4.21E-06	-4.62E-06	3.67E-06	-1.31E-06				
79	1237.00	-8.60E-02	5.91E-02	-1.77E-01	-1.94E-02	1.69E-01	-1.10E-01	6.16E-02	-8.85E-02	-82.52	-8.60E-02	-1.94E-02	
	-18.00	-1.06E-06	4.52E-06	-4.58E-06	-1.49E-06	1.30E-05	-8.50E-06	4.61E-06	-1.16E-06				
80	1433.80	-4.44E-02	7.25E-02	-9.97E-02	1.70E-02	1.17E-01	-1.21E-01	7.49E-02	-4.68E-02	81.88	-4.44E-02	1.70E-02	
	-8.00	-9.20E-07	3.58E-06	-3.05E-06	1.31E-06	8.99E-06	-9.34E-06	3.67E-06	-1.01E-06				
81	1533.80	-6.80E-02	-9.30E-04	-1.20E-01	-7.73E-03	8.52E-02	-4.14E-02	-5.15E-05	-6.85E-02	-83.52	-9.30E-04	7.73E-03	
	-28.00	-5.36E-07	2.04E-06	-2.55E-06	-5.94E-07	6.56E-06	-3.19E-06	2.08E-06	-5.69E-07				
82	1633.80	-7.46E-02	-2.60E-02	-1.27E-01	-1.11E-02	4.86E-02	-6.64E-03	-2.36E-02	-7.70E-02	-77.71	-3.93E-02	2.44E-02	
	-8.00	-3.64E-07	1.51E-06	-2.39E-06	-8.55E-07	3.74E-06	-5.11E-07	1.60E-06	-4.57E-07				
83	1433.80	-2.74E-01	-5.41E-02	-2.34E-01	-1.17E-02	2.97E-01	-8.73E-02	-5.34E-02	-2.75E-01	-86.97	-5.41E-02	1.17E-02	
	27.60	-4.37E-06	4.09E-06	-2.81E-06	-8.99E-07	2.28E-05	-6.72E-06	4.12E-06	-4.39E-06				
84	1296.10	-1.11E-01	4.23E-02	-1.81E-01	3.53E-02	1.71E-01	-1.19E-01	5.00E-02	-1.15E-01	77.68	1.18E-02	-7.07E-02	
	40.70	-1.54E-06	4.38E-06	-4.21E-06	2.71E-06	1.31E-05	-9.18E-06	4.67E-06	-1.83E-06				
85	1149.60	-1.10E-01	-1.26E-02	-2.69E-01	5.49E-02	1.82E-01	-7.95E-03	1.21E-02	-1.35E-01	65.80	-2.16E-02	6.17E-02	
	57.33	7.12E-08	3.82E-06	-6.04E-06	4.22E-06	1.40E-05	-6.12E-07	4.77E-06	-8.78E-07				
86	1131.40	-2.94E-01	-2.23E-01	-3.79E-01	-9.70E-02	3.87E-01	-5.58E-02	-1.55E-01	-3.62E-01	-55.10	-2.23E-01	9.70E-02	
	112.00	-1.48E-06	1.27E-06	-4.72E-06	-7.46E-06	2.98E-05	-4.29E-06	3.87E-06	-4.08E-06				
87	1019.80	-2.31E-02	4.70E-01	-6.89E-02	5.62E-04	1.25E-01	-2.85E-01	4.70E-01	-2.31E-02	89.94	4.70E-01	-5.62E-04	
	34.67	-5.05E-06	1.39E-05	-6.81E-06	4.32E-08	9.58E-06	-2.20E-05	1.39E-05	-5.05E-06				
88	886.60	-9.87E-02	2.12E-01	-2.19E-01	-2.46E-02	5.26E-02	-1.39E-01	2.14E-01	-1.01E-01	-85.50	-9.87E-02	-2.46E-02	
	48.00	-2.63E-06	9.31E-06	-7.27E-06	-1.89E-06	4.05E-06	-1.07E-05	9.38E-06	-2.70E-06				
89	869.80	-6.82E-01	-3.46E-01	-7.31E-01	-1.06E-01	-1.99E-02	-2.06E-01	-3.15E-01	-7.12E-01	-73.89	-3.46E-01	1.06E-01	
	96.00	-6.89E-06	6.02E-06	-8.80E-06	-8.14E-06	-1.53E-06	-1.58E-05	7.20E-06	-8.07E-06				
90	952.60	-5.59E-02	3.61E-01	-1.70E-01	1.39E-01	7.12E-02	-6.23E-02	4.03E-01	-9.79E-02	73.16	3.98E-01	-5.13E-02	
	128.00	-3.63E-06	1.24E-05	-8.03E-06	1.07E-05	5.48E-06	-4.79E-06	1.40E-05	-5.25E-06				
91	869.80	-1.81E-01	1.30E-02	-3.44E-01	1.15E-02	4.25E-02	-7.93E-02	1.37E-02	-1.81E-01	86.60	-1.81E-01	1.15E-02	
	160.00	-1.32E-06	6.12E-06	-7.62E-06	8.88E-07	3.27E-06	-6.10E-06	6.15E-06	-1.35E-06				
92	869.80	-4.99E-01	-1.22E-01	-5.63E-01	-1.67E-01	-6.89E-02	2.35E-03	-5.91E-02	-5.62E-01	-69.26	-1.22E-01	1.67E-01	
	203.60	-6.19E-06	8.31E-06	-8.63E-06	-1.28E-05	-5.30E-06	1.80E-07	1.07E-05	-8.61E-06				
93	598.67	-2.98E-01	3.03E-01	-2.37E-01	-3.48E-02	-1.37E-01	-6.96E-02	3.05E-01	-3.00E-01	-86.69	3.03E-01	3.48E-02	
	16.00	-8.92E-06	1.42E-05	-6.55E-06	-2.68E-06	-1.06E-05	-5.35E-06	1.43E-05	-9.00E-06				
94	645.75	-1.59E-01	1.90E-01	-2.15E-01	-4.21E-02	-9.08E-03	-6.16E-02	1.95E-01	-1.64E-01	-83.21	-1.59E-01	-4.21E-02	
	24.00	-4.09E-06	9.33E-06	-6.26E-06	-3.24E-06	-6.98E-07	-4.74E-06	9.52E-06	-4.28E-06				
95	613.10	-3.28E-01	-1.65E-01	-3.89E-01	-1.87E-01	-8.09E-02	-2.84E-01	-4.34E-02	-4.50E-01	-56.72	-3.28E-01	-1.87E-01	
	60.33	-2.91E-06	3.32E-06	-5.26E-06	-1.44E-05	-6.22E-06	-2.18E-05	8.03E-06	-7.62E-06				
96	708.45	-2.51E-01	1.06E-01	-3.07E-01	-4.24E-02	-2.20E-02	-1.04E-01	1.11E-01	-2.56E-01	-83.32	9.76E-02	-6.82E-02	
	88.00	-4.68E-06	9.04E-06	-6.85E-06	-3.26E-06	-1.69E-06	-7.97E-06	9.23E-06	-4.87E-06				
97	613.10	-8.41E-01	-5.03E-01	-8.04E-01	-1.54E-01	-3.66E-01	-3.85E-02	-4.44E-01	-9.01E-01	-68.81	-5.03E-01	1.54E-01	
	96.00	-8.74E-06	4.24E-06	-7.31E-06	-1.18E-05	-2.82E-05	-2.96E-06	6.54E-06	-1.10E-05				
98	682.27	-1.67E-01	1.84E-01	-2.32E-01	-1.48E-01	-9.39E-02	-1.85E-01	2.38E-01	-2.21E-01	-69.93	4.09E-03	2.29E-01	
	112.00	-4.05E-06	9.44E-06	-6.57E-06	-1.14E-05	-7.22E-06	-1.42E-05	1.15E-05	-6.13E-06				
99	751.43	[illegible]9E-01	7.82E-01	-2.66E-02	2.18E-02	-4.81E-02	-1[illegible]-01	7.82E-01	-1.19E-01	88.62	7.82E-01	-2.18E-02	
	96.00	[illegible]6E-05	2.31E-05	-8.02E-06	1.66E-06	-3.70E-06	-1[illegible]05	2.31E-05	-1.16E-05				
100	683.	[illegible]1E-01	7.61E-02	-3.02E-01	-2.08E-02	-8.09E-02	[illegible]02	7.77E-02	-2.13E-01	-65.88	-2.11E-01	-2.0[illegible]	

	152.	3.31E-06	7.73E-06	-6.32E-06	-1.60E-06	-6.23E-06	[illegible]	[illegible]5E-05	7.79E-06	-3.37E-06			
101	648.	8.57E-01	-5.15E-01	-8.81E-01	-6.78E-02	-3.55E-01	[illegible]	[illegible]1E-02	-5.02E-01	-8.70E-01	-79.20	-5.15E-01	6.78
	192.00	-8.11E-06	5.07E-06	-9.40E-06	-5.22E-06	-2.73E-05	-[illegible].24E-06	5.57E-06	-8.60E-06				
102	728.25	-7.57E-02	1.05E-01	-2.23E-01	5.70E-02	-9.46E-02	5.67E-02	1.22E-01	-9.22E-02	73.88	6.13E-02	-9.62E-02	
	232.70	-7.82E-07	6.17E-06	-6.45E-06	4.39E-06	-7.28E-06	3.59E-06	6.80E-06	-1.42E-06				
103	635.50	-7.12E-02	4.27E-02	-1.81E-01	-1.07E-02	-7.23E-02	-2.23E-01	4.37E-02	-7.22E-02	-64.66	-7.12E-02	-1.07E-02	
	256.00	-4.34E-07	3.95E-06	-4.67E-06	-8.26E-07	-5.56E-06	-1.71E-05	3.99E-06	-4.73E-07				
104	635.50	-2.60E-01	-1.60E-01	-4.16E-01	-3.99E-02	-3.49E-01	3.09E-02	-1.46E-01	-2.74E-01	-70.80	-1.60E-01	3.99E-02	
	290.67	-8.20E-07	3.05E-06	-6.83E-06	-3.07E-06	-2.69E-05	2.37E-06	3.59E-06	-1.35E-06				
105	569.00	-2.19E-01	3.54E-01	-1.57E-01	5.25E-02	3.22E-02	-5.90E-02	3.58E-01	-2.24E-01	64.81	-2.19E-01	5.25E-02	
	16.50	-8.19E-06	1.38E-05	-5.79E-06	4.04E-06	2.48E-06	-4.54E-06	1.40E-05	-8.37E-06				
106	508.50	-1.58E+00	-9.73E-01	-1.25E+00	-2.68E-01	-1.07E-01	-5.02E-02	-8.77E-01	-1.65E+00	-69.21	-9.79E-01	2.68E-01	
	13.00	-1.00E-05	4.29E-06	-6.29E-06	-2.06E-05	-8.24E-06	-3.86E-06	8.21E-06	-2.29E-05				
107	521.00	-2.50E-01	1.43E-01	-2.36E-01	-9.44E-02	7.56E-03	-4.44E-02	1.69E-01	-2.72E-01	-77.31	-2.50E-01	-9.44E-02	
	15.75	-5.91E-06	9.40E-06	-5.35E-06	-7.26E-06	5.82E-07	-3.42E-06	1.02E-05	-6.72E-06				
108	526.25	-2.20E-01	1.36E-01	-2.30E-01	-8.89E-02	8.94E-03	-4.55E-02	1.57E-01	-2.41E-01	-76.74	-2.20E-01	-8.89E-02	
	21.00	-5.02E-06	8.69E-06	-5.40E-06	-6.84E-06	6.68E-07	-3.50E-06	9.49E-06	-5.82E-06				
109	515.50	-1.11E+00	-6.64E-01	-9.46E-01	-2.36E-01	-1.00E-01	-5.12E-02	-5.62E-01	-1.21E+00	-66.75	-6.64E-01	2.36E-01	
	26.00	-1.29E-05	4.38E-06	-6.48E-06	-1.82E-05	-7.72E-06	-3.94E-06	8.29E-06	-1.68E-05				
110	531.50	-1.64E-01	1.17E-01	-2.18E-01	-5.06E-02	1.23E-02	-3.66E-02	1.25E-01	-1.73E-01	-80.10	-1.64E-01	-5.06E-02	
	34.50	-3.40E-06	7.40E-06	-5.46E-06	-3.89E-06	9.50E-07	-2.81E-06	7.74E-06	-3.74E-06				
111	515.50	-2.80E-01	-1.13E-01	-3.36E-01	-4.09E-01	4.99E-03	-3.84E-01	2.21E-01	-6.13E-01	-50.78	-2.80E-01	-4.09E-01	
	44.00	-2.75E-06	3.68E-06	-4.93E-06	-3.14E-05	3.84E-07	-2.95E-05	1.65E-05	-1.56E-05				
112	515.50	-7.52E-01	-4.48E-01	-7.07E-01	-6.72E-02	-1.04E-01	-4.01E-02	-4.34E-01	-7.66E-01	-78.05	-4.48E-01	6.72E-02	
	53.33	-7.95E-06	3.72E-06	-6.25E-06	-5.17E-06	-7.97E-06	-3.08E-06	4.27E-06	-8.49E-06				
113	547.50	1.22E-01	5.74E-01	6.42E-02	4.89E-02	-2.34E-02	2.92E-01	5.80E-01	1.16E-01	83.90	5.78E-01	2.71E-02	
	64.00	-3.68E-06	1.37E-05	-5.89E-06	3.76E-06	-1.80E-06	2.24E-05	1.39E-05	-3.88E-06				
114	515.50	-1.15E-01	1.32E-01	-1.69E-01	-2.03E-01	1.46E-02	-1.93E-01	2.47E-01	-2.29E-01	-60.64	-1.15E-01	-2.03E-01	
	74.67	-2.75E-06	6.75E-06	-4.84E-06	-1.56E-05	1.12E-06	-1.48E-05	1.11E-05	-7.14E-06				
115	515.50	-7.43E-01	-4.36E-01	-6.86E-01	-4.38E-02	-8.25E-02	-3.29E-02	-4.30E-01	-7.49E-01	-82.02	-4.36E-01	4.38E-02	
	88.00	-8.08E-06	3.71E-06	-5.88E-06	-3.37E-06	-6.34E-06	-2.53E-06	3.95E-06	-8.31E-06				
116	547.50	1.02E-02	4.12E-01	-3.28E-02	3.80E-02	-2.15E-02	9.92E-02	4.15E-01	6.67E-03	84.64	4.06E-01	6.09E-02	
	104.00	-3.88E-06	1.16E-05	-5.54E-06	2.92E-06	-1.65E-06	7.63E-06	1.17E-05	-4.02E-06				
117	515.50	-1.80E-03	2.80E-01	-5.26E-02	-1.38E-01	-5.89E-03	-1.49E-01	3.37E-01	-5.82E-02	-67.81	-1.89E-03	-1.38E-01	
	120.00	-2.55E-06	8.30E-06	-4.51E-06	-1.06E-05	-4.53E-07	-1.15E-05	1.05E-05	-4.72E-06				
118	515.50	-6.75E-01	-4.04E-01	-6.38E-01	-4.57E-02	-1.35E-01	-3.11E-02	-3.96E-01	-6.83E-01	-80.71	-4.04E-01	4.57E-02	
	136.00	-7.11E-06	3.35E-06	-5.67E-06	-3.51E-06	-1.04E-05	-2.39E-06	3.63E-06	-7.40E-06				
119	547.50	-1.27E-02	3.15E-01	-7.34E-02	-1.89E-02	-5.09E-02	7.70E-02	3.16E-01	-1.38E-02	-66.71	2.87E-01	9.37E-02	
	152.00	-3.00E-06	9.60E-06	-5.34E-06	-1.45E-06	-3.91E-06	5.92E-06	9.64E-06	-3.04E-06				
120	515.50	8.52E-03	3.11E-01	-2.30E-02	-1.58E-01	-4.49E-02	-2.52E-01	3.79E-01	-5.91E-02	-66.87	8.52E-03	-1.58E-01	
	168.00	-2.93E-06	8.71E-06	-4.15E-06	-1.22E-05	-3.46E-06	-1.94E-05	1.13E-05	-5.53E-06				
121	515.50	-8.09E-01	-5.12E-01	-7.41E-01	-1.75E-02	-2.39E-01	-2.61E-02	-5.11E-01	-8.09E-01	-86.63	-5.12E-01	1.75E-02	
	184.00	-8.44E-06	2.95E-06	-5.83E-06	-1.34E-06	-1.84E-05	-2.00E-06	2.99E-06	-8.48E-06				
122	547.50	-1.17E-02	3.76E-01	-5.42E-02	1.02E-01	-1.04E-01	1.20E-01	4.01E-01	-3.70E-02	76.10	4.01E-01	1.03E-03	
	200.00	-3.86E-06	1.11E-05	-5.49E-06	7.86E-06	-8.00E-06	9.21E-06	1.20E-05	-4.83E-06				
123	515.50	2.67E-01	6.03E-01	2.14E-01	-7.49E-02	-9.93E-02	-3.90E-01	6.19E-01	2.51E-01	-78.00	2.67E-01	-7.49E-02	
	216.00	-1.65E-06	1.13E-05	-3.68E-06	-5.76E-06	-7.64E-06	-3.00E-05	1.19E-05	-2.26E-06				
124	515.50	-5.38E-01	-3.67E-01	-5.71E-01	3.49E-02	-3.89E-01	-1.70E-02	-3.60E-01	-5.45E-01	78.87	-3.67E-01	-3.49E-02	
	232.00	-4.46E-06	2.10E-06	-5.75E-06	2.69E-06	-2.99E-05	-1.30E-06	2.37E-06	-4.73E-06				
125	547.50	-3.80E-01	-3.15E-01	-4.75E-01	6.12E-02	-1.83E-01	4.58E-01	-2.78E-01	-4.17E-01	58.96	-2.90E-01	-3.87E-02	
	248.00	-1.75E-06	7.40E-07	-5.42E-06	4.71E-06	-1.41E-05	3.52E-05	2.16E-06	-3.17E-06				
126	515.50	2.10E-01	4.77E-01	1.62E-01	-5.95E-03	-1.03E-01	-3.25E-01	4.78E-01	2.10E-01	-88.73	2.10E-01	-5.95E-03	
	264.00	-1.25E-06	9.03E-06	-3.11E-06	-4.58E-07	-7.96E-06	-2.50E-05	9.03E-06	-1.25E-06				
127	515.50	-5.03E-01	-3.71E-01	-5.29E-01	8.63E-02	-3.81E-01	-1.04E-03	-3.28E-01	-5.45E-01	63.65	-3.71E-01	-8.63E-02	
	276.00	-3.91E-06	1.15E-06	-4.94E-06	6.64E-06	-2.93E-05	-6.03E-08	2.79E-06	-5.56E-06				
128	531.50	-2.20E-01	-1.04E-01	-2.48E-01	3.31E-02	-9.86E-02	9.96E-03	-9.49E-02	-2.28E-01	75.16	-2.20E-01	3.31E-02	
	297.00	-2.17E-06	2.30E-06	-3.27E-06	2.54E-06	-7.58E-06	7.66E-07	2.63E-06	-2.50E-06				
129	515.50	1.77E-01	6.15E-01	2.44E-01	8.96E-02	-1.16E-01	-3.04E-01	6.26E-01	1.66E-01	81.19	1.77E-01	8.96E-02	
	320.00	-4.58E-06	1.23E-05	-2.00E-06	5.35E-06	-8.89E-06	-2.34E-05	1.27E-05	-5.00E-06				
130	565.50	-1.61E-01	5.80E-01	-4.42E-02	1.16E-02	4.27E-02	-1.07E-01	5.81E-01	-1.61E-01	89.11	-1.61E-01	1.16E-02	
	-8.00	-1.03E-05	1.82E-05	-5.83E-06	9.91E-07	3.29E-06	-8.24E-06	1.82E-05	-1.03E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .850E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2716E+02	.1637E+03	.2083E+03	.7297E+01	.3615E+02	-.2002E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.8501E+00	.8394E+00	.8097E+00	-.2143E+01	-.8823E+01	-.5444E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1908E+01	-.4286E+00	.4911E+00	-.6421E+01	-.2250E+02	-.8172E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2449E+01	.4889E+00	.2692E+00	-.9735E+01	-.3321E+02	-.1180E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.3024E+01	-.5242E+00	.2425E+00	-.1218E+02	-.4442E+02	-.1522E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1372E+01	.5479E-01	.2685E+00	-.1323E+02	-.5428E+02	-.1834E+02
25	.3069E+01	.5274E+00	.1593E+00	-.1414E+02	-.5948E+02	-.2076E+02
26	-.1685E+02	-.2776E+01	.2884E+00	-.1694E+02	-.6244E+02	-.2259E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.1797E+00	-.1259E+01	.9482E+00	-.1979E+02	-.8146E+02	-.2366E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.5569E+03	.7963E+02	.7602E+01	-.2275E+02	-.1949E+03	-.3531E+02
40	.2548E+03	.2467E+02	.1175E+02	-.2556E+02	-.1935E+03	-.3293E+02
41	.2252E+02	-.1066E+02	.1047E+02	-.2542E+02	-.1762E+03	-.2961E+02
42	-.3604E+02	-.1206E+02	.4658E+01	-.2193E+02	-.1293E+03	-.2598E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.5654E+03	.8997E+02	.3566E+01	-.2247E+02	-.1952E+03	.5783E+01
48	.5115E+03	.7628E+02	.3969E+01	.1554E+02	-.1763E+03	.5798E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.7415E+02	.9451E+01	.7843E+00	.9077E+02	-.1197E+03	.4737E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.2293E+01	.1105E+02	.5227E+00	-.1494E+02	-.1935E+03	.3779E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00

	.4501E+02	.5523E+01	.6821E+00	.74[illegible]	-.1023E+03	.4754E+02
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.2602E+02	.2929E+01	.7700E+00	.7473E+02	-.1042E+03	.4696E+02
66	-.1055E+02	-.2580E+01	.8163E+00	.8074E+02	-.1060E+03	.4792E+02
67	-.5501E+02	-.9328E+01	.6696E+00	.7961E+02	-.1109E+03	.4823E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.9613E+02	-.1568E+02	.2044E+00	.7662E+02	-.1225E+03	.3902E+02
76	.1552E+02	.9675E+00	-.2448E+00	.8046E+02	-.1282E+03	.3725E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.3661E+02	-.6838E+01	-.3969E+00	.7749E+02	-.1272E+03	.3709E+02
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2265E+02	.2097E+01	-.5624E+00	.7815E+02	-.1224E+03	.3354E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.1842E+02	-.4016E+01	-.5006E+00	.7219E+02	-.1184E+03	.3347E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2876E+02	.3127E+01	-.4156E+00	.6816E+02	-.1122E+03	.3210E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2595E+02	-.5495E+01	-.4720E+00	.6261E+02	-.1096E+03	.2826E+02
109	.2218E+02	.2251E+01	-.5788E+00	.5834E+02	-.1023E+03	.2538E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2176E+02	-.4288E+01	-.6600E+00	.4480E+02	-.9885E+02	.1828E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.2659E+02	.3061E+01	-.6677E+00	.3468E+02	-.9055E+02	.1229E+02
115	-.3334E+02	-.5911E+01	-.8699E+00	.2354E+02	-.8724E+02	.5181E+01
116	.7163E+01	.1902E+00	-.1334E+01	.1383E+02	-.8051E+02	-.2252E+01
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1606E+02	-.3285E+01	-.1451E+01	.2253E+02	-.7605E+02	.3678E+01
119	-.3353E+02	-.5750E+01	-.1968E+01	.1804E+01	-.6503E+02	-.4036E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2773E+02	-.1629E+01	-.1413E+01	-.9237E+01	-.4194E+02	-.6510E+01
122	-.1948E+02	.2501E+01	-.3490E+00	.7785E-01	-.3725E+02	-.4129E+00
123	-.1192E+02	.2415E+01	-.3902E+00	.6347E+00	-.3090E+02	.6696E-01
124	-.5687E+01	.1950E+01	-.2937E+00	.9843E+00	-.2400E+02	.4503E+00

125	-.7801E+00	.1795E+01	-.2264E+00	.1260E+01	-.1934E+02	.7985E+00
126	.5106E+01	.2445E+01	-.1530E+00	.1640E+01	-.1369E+02	.1172E+01
127	.9665E+01	.2927E+01	-.7179E-01	.1926E+01	-.8824E+01	.1541E+01
128	.1125E+02	.3007E+01	.2145E+00	.2321E+01	-.1118E+01	.1905E+01
129	.6414E+01	.2270E+01	.4906E+00	.2397E+01	.3966E+01	.2032E+01
130	.5432E+01	.1171E+01	.7018E+00	.2206E+01	.6617E+01	.1851E+01
131	.9963E+00	.1485E+00	.7750E+00	.1760E+01	.6347E+01	.1483E+01
132	-.1736E+00	-.9475E-01	.6251E+00	.1257E+01	.4720E+01	.1054E+01
133	-.3645E+00	-.8692E-01	.5223E+00	.9174E+00	.2669E+01	.7580E+00
134	-.7702E-01	-.5141E-02	.4929E+00	.6982E+00	.1540E+01	.5627E+00
135	.4051E-01	.1573E-01	.5390E+00	.5173E+00	.1322E+01	.4179E+00
136	-.7597E-02	.7647E-02	.7015E+00	.3392E+00	.9843E+00	.2885E+00
137	.1474E-01	.6145E-02	.9776E+00	.1550E+00	.4237E+00	.1651E+00
138	-.3701E-01	-.2432E-02	.4409E+01	-.7962E-02	-.1443E+00	.1104E+00
139	.2562E-02	.4231E-02	.3056E+02	.1002E-01	.8296E-01	-.1035E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.57970E-02	-.33280E-04	.59344E-02	.00000E+00
3	-.10430E-01	-.14511E-03	.10391E-01	.00000E+00
4	-.11173E-01	-.16279E-03	.11046E-01	.00000E+00
5	-.11884E-01	.56095E-04	.11889E-01	.00000E+00
6	-.13173E-01	-.13216E-04	.13169E-01	-.10008E-04
7	-.12293E-01	-.57738E-03	.12525E-01	.00000E+00
8	-.13217E-01	-.47215E-03	.13296E-01	-.24415E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.58605E-02	-.15908E-03	.59460E-02	.00000E+00
11	-.10444E-01	-.36730E-03	.10745E-01	.00000E+00
12	-.11434E-01	-.49061E-03	.11818E-01	.00000E+00
13	-.12298E-01	-.41587E-03	.12568E-01	.00000E+00
14	-.13275E-01	-.64415E-03	.13643E-01	-.56060E-05
15	-.12335E-01	-.11158E-02	.13438E-01	.00000E+00
16	-.13375E-01	-.10766E-02	.14206E-01	-.20781E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.58336E-02	-.32544E-03	.63713E-02	.00000E+00
19	-.10567E-01	-.75556E-03	.11610E-01	.00000E+00
20	-.11558E-01	-.96570E-03	.12822E-01	.00000E+00
21	-.12507E-01	-.84534E-03	.13700E-01	.00000E+00
22	-.13497E-01	-.11316E-02	.14989E-01	-.48439E-05
23	-.12706E-01	-.18678E-02	.15133E-01	.00000E+00
24	-.13669E-01	-.18259E-02	.16004E-01	-.10906E-04
25	-.13789E-01	-.21093E-02	.16637E-01	-.28611E-05
26	-.13861E-01	-.21728E-02	.17004E-01	-.78518E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.56056E-02	-.64569E-03	.68249E-02	.00000E+00
29	-.10497E-01	-.14764E-02	.12619E-01	.00000E+00
30	-.11730E-01	-.18347E-02	.14092E-01	.00000E+00
31	-.12904E-01	-.21132E-02	.15646E-01	.00000E+00
32	-.13931E-01	-.25043E-02	.17406E-01	-.28171E-04
33	-.12789E-01	-.27130E-02	.15781E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.54348E-02	-.79147E-03	.69114E-02	.00000E+00
36	-.10385E-01	-.18118E-02	.12926E-01	.00000E+00
37	-.11756E-01	-.20395E-02	.14227E-01	.00000E+00
38	-.13067E-01	-.27908E-02	.16354E-01	.00000E+00
39	-.14156E-01	-.35154E-02	.18143E-01	-.15360E-05
40	-.14130E-01	-.34073E-02	.17976E-01	-.16739E-04
41	-.14104E-01	-.31745E-02	.17818E-01	-.24507E-04
[illegible]	-.14024E-01	-.28488E-02	.17630E-01	[illegible]9134E-04
[illegible]	-.11101E-01	-.24545E-02	.14377E-01	[illegible]000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	[illegible]0000E+00

	-.45651E-02	-.51281E-03	.65690E-02	.00000E+00
	-.97082E-02	-.17326E-02	.12845E-01	.00000E+00
47	-.14159E-01	-.34204E-02	.18215E-01	.56200E-05
48	-.14166E-01	-.35094E-02	.18108E-01	.51747E-05
49	-.13023E-01	-.28058E-02	.16259E-01	.00000E+00
50	-.14257E-01	-.35285E-02	.18238E-01	.23830E-04
51	-.12663E-01	-.28154E-02	.16237E-01	.00000E+00
52	-.14328E-01	-.32115E-02	.17581E-01	.00000E+00
53	-.14182E-01	-.34180E-02	.18279E-01	.61172E-05
54	-.10724E-01	-.19048E-02	.13664E-01	.00000E+00
55	-.12129E-01	-.23309E-02	.15044E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.37754E-02	-.59126E-03	.51453E-02	.00000E+00
58	-.81718E-02	-.80501E-03	.97612E-02	.00000E+00
59	-.14310E-01	-.28195E-02	.17078E-01	.00000E+00
60	-.14100E-01	-.31238E-02	.17192E-01	.00000E+00
61	-.14353E-01	-.35409E-02	.18271E-01	.38980E-04
62	-.57794E-02	-.11312E-02	.11733E-01	.00000E+00
63	-.11500E-01	-.14531E-02	.13947E-01	.00000E+00
64	-.14625E-01	-.32593E-02	.17768E-01	.00000E+00
65	-.14486E-01	-.35521E-02	.18300E-01	.49593E-04
66	-.14826E-01	-.35743E-02	.18360E-01	.61878E-04
67	-.15201E-01	-.35976E-02	.18426E-01	.60237E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.28475E-02	-.76187E-04	.31550E-02	.00000E+00
70	-.84152E-02	-.70178E-03	.10100E-01	.00000E+00
71	-.13408E-01	-.18787E-02	.15961E-01	.00000E+00
72	-.14947E-01	-.32510E-02	.17862E-01	.00000E+00
73	-.10410E-01	-.95336E-03	.11728E-01	.00000E+00
74	-.15878E-01	-.34481E-02	.18449E-01	.00000E+00
75	-.15528E-01	-.36178E-02	.18481E-01	.47462E-04
76	-.15992E-01	-.36709E-02	.18569E-01	.34987E-04
77	-.12298E-01	-.13338E-02	.14159E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.32507E-02	-.23373E-03	.43154E-02	.00000E+00
80	-.76842E-02	-.36253E-03	.91661E-02	.00000E+00
81	-.85437E-02	-.48549E-03	.99860E-02	.00000E+00
82	-.97067E-02	-.71612E-03	.12207E-01	.00000E+00
83	-.15021E-01	-.23358E-02	.17526E-01	.00000E+00
84	-.13580E-01	-.15014E-02	.16254E-01	.00000E+00
85	-.16527E-01	-.37271E-02	.18687E-01	.28695E-04
86	-.16441E-01	-.35300E-02	.18739E-01	.00000E+00
87	-.12124E-01	-.11248E-02	.13767E-01	.00000E+00
88	-.16202E-01	-.31495E-02	.18381E-01	.00000E+00
89	-.16918E-01	-.37949E-02	.18786E-01	.23863E-04
90	-.85651E-02	-.53436E-04	.66084E-02	.00000E+00
91	-.94097E-02	-.98946E-04	.75461E-02	.00000E+00
92	-.10413E-01	-.42312E-03	.81811E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.34959E-02	.00000E+00	.26202E-02	.00000E+00
95	-.65666E-02	.00000E+00	.47699E-02	.00000E+00
96	-.76442E-02	.00000E+00	.55467E-02	.00000E+00
97	-.70739E-02	.00000E+00	.53828E-02	.00000E+00
98	-.77742E-02	.00000E+00	.52053E-02	.00000E+00
99	-.87382E-02	-.10387E-03	.58126E-02	.00000E+00
100	-.11859E-01	-.73204E-03	.10139E-01	.00000E+00
101	-.14980E-01	-.19426E-02	.16564E-01	.00000E+00
102	-.17501E-01	-.38318E-02	.18930E-01	.20849E-04
103	-.15819E-01	-.27031E-02	.18420E-01	.00000E+00
104	-.17534E-01	-.38536E-02	.19220E-01	.00000E+00
105	-.17014E-01	-.39559E-02	.19027E-01	.17032E-04
106	-.16765E-01	-.32173E-02	.19504E-01	.00000E+00
107	-.19131E-01	-.40561E-02	.19468E-01	.00000E+00
108	-.18344E-01	-.40466E-02	.19114E-01	.16212E-04

109	-.19602E-01	-.41976E-02	.19143E-01	.14068E-04
110	-.18232E-01	-.43324E-02	.20146E-01	.00000E+00
111	-.18348E-01	-.44101E-02	.19966E-01	.00000E+00
112	-.19024E-01	-.41370E-02	.19157E-01	.12486E-04
113	-.13748E-01	-.42176E-02	.20015E-01	.00000E+00
114	-.19225E-01	-.41982E-02	.19094E-01	.38048E-05
115	-.19252E-01	-.42305E-02	.19023E-01	.65415E-06
116	-.19270E-01	-.42328E-02	.18965E-01	-.65667E-06
117	-.19072E-01	-.45160E-02	.19987E-01	.00000E+00
118	-.19250E-01	-.42408E-02	.18792E-01	-.24971E-05
119	-.19191E-01	-.42498E-02	.18658E-01	-.29214E-05
120	-.19175E-01	-.45557E-02	.19558E-01	.00000E+00
121	-.19115E-01	-.42218E-02	.18447E-01	-.43006E-05
122	-.19106E-01	-.41941E-02	.18445E-01	-.56677E-05
123	-.19051E-01	-.41460E-02	.18435E-01	-.68881E-05
124	-.19072E-01	-.40395E-02	.18427E-01	-.84688E-05
125	-.19045E-01	-.40416E-02	.18415E-01	-.10647E-04
126	-.18985E-01	-.39162E-02	.18395E-01	-.14036E-04
127	-.18912E-01	-.37447E-02	.18374E-01	-.15927E-04
128	-.18748E-01	-.34016E-02	.18331E-01	-.16400E-04
129	-.18602E-01	-.30565E-02	.18290E-01	-.14714E-04
130	-.18466E-01	-.27104E-02	.18245E-01	-.11929E-04
131	-.18320E-01	-.22873E-02	.18177E-01	-.74473E-05
132	-.18232E-01	-.19885E-02	.18121E-01	-.61586E-05
133	-.18159E-01	-.16976E-02	.18073E-01	-.65564E-05
134	-.18096E-01	-.13385E-02	.18037E-01	-.68954E-05
135	-.18045E-01	-.10632E-02	.18010E-01	-.72722E-05
136	-.18006E-01	-.72913E-03	.17990E-01	-.72876E-05
137	-.17984E-01	-.39934E-03	.17979E-01	-.74126E-05
138	-.17969E-01	-.57552E-04	.17969E-01	-.71211E-05
139	-.17969E-01	-.72438E-05	.17969E-01	-.72311E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.99E-02	-4.01E-02	1.99E-03	-7.16E-01	-8.83E-03	7.33E-01	6.86E-01	-7.46E-01	-44.60	-1.99E-02	-7.16E-01
	-303.00	-1.51E-07	-1.07E-06	8.43E-07	-6.51E-05	-8.03E-07	6.67E-05	3.19E-05	-3.32E-05			
2	72.00	-1.42E-02	-4.89E-02	2.88E-02	-5.78E-01	-5.30E-03	5.93E-01	5.46E-01	-6.10E-01	-44.14	-1.42E-02	-5.78E-01
	-213.00	-2.00E-07	-1.78E-06	1.75E-06	-5.25E-05	-4.82E-07	5.39E-05	2.53E-05	-2.73E-05			
3	72.00	-5.30E-02	-6.26E-02	6.84E-02	-3.60E-01	4.65E-02	4.06E-01	3.02E-01	-4.18E-01	-44.62	-5.30E-02	-3.60E-01
	-138.00	-9.57E-07	-1.17E-06	1.80E-06	-1.64E-05	2.11E-06	1.84E-05	7.11E-06	-9.25E-06			
4	24.00	-6.99E-01	-5.41E-01	-6.89E-01	-6.65E-01	1.84E-01	7.74E-01	5.00E-02	-1.25E+00	-48.38	-6.99E-01	-6.65E-01
	-68.00	-5.68E-06	3.86E-07	-5.30E-06	-5.12E-05	1.41E-05	5.95E-05	2.31E-05	-2.84E-05			
5	72.00	3.46E-01	2.29E-01	4.24E-01	-3.30E-01	6.45E-03	3.18E-01	6.23E-01	-4.81E-02	-39.98	2.29E-01	3.30E-01
	-88.00	2.33E-06	-2.17E-06	5.33E-06	-2.54E-05	4.96E-07	2.45E-05	1.30E-05	-1.26E-05			
6	120.00	2.15E-01	2.44E-01	3.00E-01	-5.31E-01	-3.38E-02	5.31E-01	7.61E-01	-3.01E-01	-45.78	-2.90E-01	1.10E-01
	-68.00	-6.56E-08	1.05E-06	3.20E-06	-4.09E-05	-2.60E-06	4.08E-05	2.09E-05	-1.99E-05			
7	36.25	-1.16E-01	-2.38E-02	2.25E-02	-3.47E-01	4.12E-02	3.20E-01	2.80E-01	-4.19E-01	-48.77	-1.04E-01	-3.48E-01
	-10.00	-3.16E-06	3.69E-07	2.15E-06	-2.67E-05	3.17E-06	2.46E-05	1.21E-05	-1.48E-05			
8	108.00	2.46E-02	8.46E-03	9.31E-02	-2.14E-01	6.69E-03	2.70E-01	2.31E-01	-1.98E-01	-43.92	2.46E-02	-2.14E-01
	-10.00	-4.39E-07	-1.06E-06	2.19E-06	-1.65E-05	5.15E-07	2.08E-05	7.48E-06	-8.98E-06			
9	216.00	-8.41E-02	-1.44E-01	-6.82E-02	-7.20E-01	8.06E-03	7.59E-01	6.06E-01	-8.34E-01	-43.81	-8.41E-02	-7.20E-01
	-303.00	2.40E-08	-2.69E-06	7.45E-07	-6.54E-05	7.33E-07	6.90E-05	3.14E-05	-3.41E-05			
10	216.00	-8.14E-02	-1.51E-01	-2.19E-02	-5.92E-01	2.40E-02	6.34E-01	4.77E-01	-7.09E-01	-43.33	-8.14E-02	-5.92E-01
	-213.00	-4.03E-07	-3.55E-06	2.30E-06	-5.38E-05	2.18E-06	5.76E-05	2.50E-05	-2.89E-05			
11	216.00	-4.33E-02	-1.29E-01	1.47E-01	-4.29E-01	6.66E-02	4.85E-01	3.46E-01	-5.17E-01	-42.19	-4.33E-02	-4.29E-01
	-138.00	-8.56E-07	-2.78E-06	3.46E-06	-1.95E-05	3.03E-06	2.20E-05	7.99E-06	-1.16E-05			
12	168.00	-3.34E-01	-5.26E-01	-2.61E-01	-6.96E-01	1.28E-01	7.14E-01	2.72E-01	-1.13E+00	-41.05	-3.34E-01	-6.96E-01
	-68.0[illegible]	[illegible].12E-07	-7.93E-06	2.28E-06	-5.35E-05	9.81E-06	[illegible]E-05	2.28E-05	-3.12E-05			
13	216.0[illegible]	[illegible].06E-01	2.03E-01	4.53E-01	-3.25E-01	4.96E-02	[illegible]E-01	6.35E-01	-3.91E-02	-36.71	2.03E-01	3.2[illegible]

	-88.0[illegible]	[illegible].63E-06	-3.75E-06	5.95E-06	-2.50E-05	3.82E-06	[illegible]E-05	1.30E-05	-1.31E-05					
14	264.0[illegible]	[illegible].41E-01	2.42E-01	3.28E-01	-5.31E-01	-1.50E-02	[illegible]E-01	7.25E-01	-3.42E-01	-47.73	-3.22E-01	1.46[illegible]		
	-88.00	-2.40E-06	1.51E-06	4.79E-06	-4.08E-05	-1.15E-06	[illegible]E-05	2.01E-05	-2.10E-05					
15	180.00	2.69E-02	9.26E-03	1.44E-01	-3.23E-01	8.31E-02	2.65E-01	3.47E-01	-3.10E-01	-44.23	2.69E-02	-3.28E-01		
	-10.00	-9.40E-07	-1.63E-06	3.57E-06	-2.53E-05	6.39E-06	2.04E-05	1.13E-05	-1.39E-05					
16	252.00	-3.19E-02	-3.40E-02	1.40E-01	-2.08E-01	3.47E-02	2.84E-01	1.75E-01	-2.41E-01	-44.85	-3.18E-02	-2.08E-01		
	-10.00	-2.04E-06	-2.13E-06	4.58E-06	-1.60E-05	2.67E-06	2.19E-05	5.91E-06	-1.01E-05					
17	361.00	-1.32E-01	-2.68E-01	-1.23E-01	-7.11E-01	3.70E-03	8.14E-01	5.14E-01	-9.15E-01	-42.27	-1.32E-01	-7.11E-01		
	-303.00	7.81E-07	-5.40E-06	1.22E-06	-6.46E-05	3.36E-07	7.40E-05	3.02E-05	-3.46E-05					
18	361.00	-9.09E-02	-2.67E-01	-3.84E-02	-6.27E-01	1.76E-02	6.99E-01	4.54E-01	-8.13E-01	-41.00	-9.09E-02	-6.27E-01		
	-213.00	1.02E-05	-7.00E-06	3.41E-06	-5.70E-05	1.60E-06	6.35E-05	2.58E-05	-3.18E-05					
19	361.00	-2.92E-02	-2.21E-01	1.94E-01	-5.28E-01	6.82E-02	5.69E-01	4.12E-01	-6.61E-01	-39.82	-2.82E-02	-5.28E-01		
	-138.00	-3.52E-07	-4.74E-06	4.70E-06	-2.40E-05	3.10E-06	2.59E-05	9.64E-06	-1.47E-05					
20	312.00	-5.78E-01	-7.93E-01	-4.01E-01	-9.45E-01	2.06E-01	9.21E-01	1.66E-01	-1.54E+00	-41.38	-5.78E-01	-8.45E-01		
	-68.00	-2.76E-06	-1.10E-05	4.05E-06	-6.50E-05	1.58E-05	7.09E-05	2.59E-05	-3.96E-05					
21	360.67	6.24E-01	4.85E-01	6.82E-01	-4.68E-01	4.82E-02	4.07E-01	1.03E+00	8.17E-02	-40.78	4.85E-01	4.68E-01		
	-88.00	4.32E-06	-1.02E-06	6.55E-06	-3.60E-05	3.71E-06	3.13E-05	1.98E-05	-1.65E-05					
22	409.33	-4.20E-01	-6.06E-01	-2.00E-01	-7.63E-01	1.51E-02	9.57E-01	2.56E-01	-1.28E+00	-41.52	-1.28E+00	6.67E-02		
	-88.00	-2.67E-06	-9.83E-06	5.77E-06	-5.87E-05	1.16E-06	7.36E-05	2.33E-05	-3.58E-05					
23	324.00	-1.16E-02	5.71E-04	2.05E-01	-3.74E-01	1.46E-01	2.99E-01	3.68E-01	-3.79E-01	-45.47	-1.16E-02	-3.74E-01		
	-10.00	-2.58E-06	-2.11E-06	5.75E-06	-2.88E-05	1.13E-05	2.30E-05	1.20E-05	-1.67E-05					
24	372.00	-6.17E-02	-4.58E-02	1.94E-01	-7.77E-01	1.44E-01	7.93E-01	7.23E-01	-8.30E-01	-45.29	-6.17E-02	-7.77E-01		
	-9.33	-3.33E-06	-2.72E-06	6.52E-06	-5.97E-05	1.10E-05	6.10E-05	2.68E-05	-3.29E-05					
25	401.25	1.20E-02	3.72E-02	2.73E-01	-2.66E-01	5.65E-02	3.66E-01	2.91E-01	-2.42E-01	-46.35	2.57E-01	-1.29E-01		
	-10.00	-3.08E-06	-2.11E-06	6.95E-06	-2.05E-05	4.35E-06	2.82E-05	7.65E-06	-1.26E-05					
26	427.67	-7.07E-01	-9.89E-01	-4.45E-01	-9.02E-01	1.91E-01	1.16E+00	6.48E-02	-1.76E+00	-40.55	-1.27E+00	-8.10E-01		
	-9.33	-3.66E-06	-1.45E-05	6.41E-06	-6.94E-05	1.47E-05	8.90E-05	2.60E-05	-4.42E-05					
27	457.00	-1.64E-01	-3.80E-01	-1.72E-01	-6.92E-01	-5.88E-03	8.48E-01	4.28E-01	-9.73E-01	-40.56	-1.64E-01	-6.92E-01		
	-303.00	1.86E-06	-7.98E-06	1.47E-06	-6.29E-05	-5.35E-07	7.71E-05	2.88E-05	-3.49E-05					
28	457.00	-7.25E-02	-3.66E-01	-5.15E-02	-6.59E-01	2.77E-03	7.50E-01	4.56E-01	-8.95E-01	-38.72	-7.25E-02	-6.59E-01		
	-213.00	3.07E-06	-1.03E-05	4.03E-06	-5.99E-05	2.52E-07	6.82E-05	2.71E-05	-3.43E-05					
29	457.00	6.86E-02	-2.06E-01	2.56E-01	-6.19E-01	-8.52E-03	5.95E-01	5.65E-01	-7.02E-01	-38.75	6.86E-02	-6.19E-01		
	-138.00	9.36E-07	-5.30E-06	5.19E-06	-2.81E-05	-3.87E-07	2.71E-05	1.22E-05	-1.66E-05					
30	442.00	-5.91E-01	-1.34E+00	-5.77E-01	-1.06E+00	3.75E-03	1.09E+00	1.62E-01	-2.09E+00	-35.32	-5.91E-01	-1.06E+00		
	-68.00	4.80E-06	-2.39E-05	5.34E-06	-8.18E-05	2.88E-07	8.41E-05	3.38E-05	-5.29E-05					
31	457.33	1.13E+00	1.71E-01	7.18E-01	-3.08E-01	-4.33E-01	5.70E-01	1.22E+00	8.05E-02	-16.34	1.71E-01	3.08E-01		
	-88.00	2.13E-05	-1.56E-05	5.40E-06	-2.37E-05	-3.33E-05	4.39E-05	2.48E-05	-1.91E-05					
32	472.67	-2.47E+00	-3.02E+00	-2.00E+00	-8.38E-01	2.70E-01	1.32E+00	-1.86E+00	-3.63E+00	-35.92	-3.08E+00	-8.17E-01		
	-68.00	-1.26E-05	-3.38E-05	5.23E-06	-6.44E-05	2.08E-05	1.01E-04	1.07E-05	-5.71E-05					
33	442.00	-1.59E-01	-3.05E-01	7.77E-02	-6.13E-01	8.03E-02	5.05E-01	3.85E-01	-8.45E-01	-41.61	-1.59E-01	-6.13E-01		
	-10.50	-1.87E-06	-7.48E-06	7.23E-06	-4.71E-05	6.17E-06	3.88E-05	1.91E-05	-2.84E-05					
34	454.00	-2.13E+00	-2.16E+00	-1.47E+00	-1.33E+00	3.56E-01	1.50E+00	-8.16E-01	-3.47E+00	-44.72	-2.67E+00	-1.21E+00		
	-11.33	-1.86E-05	-1.96E-05	6.59E-06	-1.02E-04	2.74E-05	1.16E-04	3.19E-05	-7.01E-05					
35	461.67	-1.40E+00	-2.12E+00	-1.17E+00	-1.23E+00	1.02E-01	1.59E+00	-4.76E-01	-3.04E+00	-36.86	-1.40E+00	-1.23E+00		
	-12.00	-2.29E-06	-3.00E-05	6.48E-06	-9.47E-05	7.88E-06	1.22E-04	3.32E-05	-6.55E-05					
36	469.00	1.27E+00	2.29E-01	8.55E-01	-1.12E-01	-3.73E-01	6.63E-01	1.28E+00	2.16E-01	-6.03	2.28E-01	1.12E-01		
	-30.00	2.31E-05	-1.71E-05	7.01E-06	-8.58E-06	-2.87E-05	5.10E-05	2.35E-05	-1.76E-05					
37	476.33	-1.82E+00	-2.75E+00	-1.58E+00	-9.08E-01	1.08E-01	1.33E+00	-1.26E+00	-3.31E+00	-31.43	-2.21E+00	-1.02E+00		
	-12.00	-2.43E-06	-3.83E-05	6.90E-06	-6.99E-05	8.31E-06	1.02E-04	1.89E-05	-5.96E-05					
38	558.50	-6.75E-02	-2.88E-01	-9.41E-02	-6.01E-01	-2.91E-02	8.30E-01	4.34E-01	-7.89E-01	-39.81	-6.75E-02	-6.01E-01		
	-303.00	2.77E-06	-7.25E-06	1.56E-06	-5.47E-05	-2.65E-06	7.55E-05	2.56E-05	-3.06E-05					
39	558.50	-4.21E-02	-4.24E-01	-6.03E-02	-6.04E-01	-5.99E-02	7.75E-01	4.01E-01	-8.67E-01	-36.23	-4.21E-02	-6.04E-01		
	-213.00	4.93E-06	-1.24E-05	4.10E-06	-5.49E-05	-5.45E-06	7.05E-05	2.50E-05	-3.26E-05					
40	506.17	1.49E-01	-1.10E+00	2.84E-03	-1.37E+00	-6.83E-02	1.56E+00	1.03E+00	-1.98E+00	-32.78	1.49E-01	-1.37E+00		
	-128.00	8.34E-06	-2.00E-05	5.02E-06	-6.23E-05	-3.10E-06	7.11E-05	2.84E-05	-4.00E-05					
41	558.50	9.37E-01	-6.27E-01	4.14E-01	-6.43E-01	-3.61E-01	9.10E-01	1.17E+00	-8.57E-01	-19.71	-6.27E-01	6.43E-01		
	-148.00	1.75E-05	-1.80E-05	5.62E-06	-2.92E-05	-1.64E-05	4.14E-05	2.27E-05	-2.33E-05					
42	610.83	-4.69E-02	-1.04E+00	-3.23E-02	-1.10E+00	-3.13E-01	1.22E+00	6.65E-01	-1.75E+00	-32.87	-1.74E+00	-1.90E-01		
	-128.00	4.80E-06	-1.78E-05	5.14E-06	-5.01E-05	-1.42E-05	5.56E-05	2.10E-05	-3.39E-05					
43	501.38	3.44E-01	-1.46E-01	3.02E-01	-3.41E-01	-1.13E-01	4.80E-01	5.19E-01	-3.21E-01	-27.16	3.44E-01	-3.41E-01		
	-78.00	7.74E-06	-1.11E-05	6.12E-06	-2.62E-05	-8.68E-06	3.69E-05	1.45E-05	-1.78E-05					
44	534.67	-3.40E-01	-9.97E-01	-3.12E-01	-1.11E+00	-8.37E-02	1.27E+00	4.87E-01	-1.82E+00	-36.75	-1.82E+00	-1.31E-01		
	-68.00	5.03E-06	-2.02E-05	6.13E-06	-8.52E-05	-6.44E-06	9.79E-05	3.68E-05	-5.20E-05					
45	584.67	1.32E-01	-3.91E-01	1.00E-01	-8.17E-01	-2.70E-01	1.00E+00	7.28E-01	-9.88E-01	-36.12	1.32E-01	-8.17E-01		

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	-68.00	6.82E-06	-1.23E-05	5.60E-06	-6.29E-05	-2.08E-05	7.73E-05	2.98E-05	-3.62E-05				
46	610.93	1.08E+00	-2.98E-01	4.86E-01	-4.27E-01	-5.28E-01	7.93E-01	1.20E+00	-4.21E-01	-15.94	-2.99E-01	4.27E-01	
	-88.00	2.75E-05	-2.54E-05	4.81E-06	-3.29E-05	-4.06E-05	6.10E-05	3.22E-05	-3.01E-05				
47	482.43	-9.93E-02	-5.09E-01	3.14E-02	-2.75E-01	-1.15E-01	5.33E-01	3.93E-02	-6.46E-01	-26.61	-9.83E-02	-2.75E-01	
	-21.00	2.55E-06	-1.32E-05	7.53E-06	-2.11E-05	-8.84E-06	4.10E-05	7.84E-06	-1.85E-05				
48	485.83	-1.73E+00	-2.70E+00	-1.53E+00	-7.57E-01	-2.21E-02	1.48E+00	-1.32E+00	-3.11E+00	-28.66	-1.83E+00	-8.13E-01	
	-12.00	-1.03E-06	-3.84E-05	6.66E-06	-5.82E-05	-1.70E-06	1.14E-04	1.49E-05	-5.43E-05				
49	507.98	6.85E-02	-2.88E-01	1.80E-01	-2.84E-01	-7.63E-02	5.73E-01	2.25E-01	-4.45E-01	-28.94	6.85E-02	-2.84E-01	
	-21.00	3.06E-06	-1.06E-05	7.36E-06	-2.18E-05	-5.87E-06	4.40E-05	9.10E-06	-1.67E-05				
50	538.67	-2.38E-01	-9.00E-01	-2.14E-01	-9.79E-01	-3.42E-01	1.09E+00	4.65E-01	-1.60E+00	-35.66	-1.58E+00	-2.35E-01	
	-10.00	5.70E-06	-1.58E-05	6.63E-06	-7.53E-05	-2.63E-05	8.42E-05	3.27E-05	-4.68E-05				
51	484.67	2.06E+00	1.39E+00	1.68E+00	8.44E-02	-6.45E-02	1.81E-01	2.07E+00	1.37E+00	6.96	1.36E+00	-8.44E-02	
	8.00	2.30E-05	-3.19E-06	8.35E-06	6.49E-06	-4.96E-06	1.39E-05	2.34E-05	-3.58E-06				
52	507.00	-1.09E-01	-2.96E-01	1.14E-01	-1.31E-01	-1.54E-01	-3.84E-01	-4.18E-02	-3.64E-01	-27.20	-2.71E-01	-1.46E-01	
	0.00	-9.89E-07	-8.70E-06	7.58E-06	-1.01E-05	-1.19E-05	-2.95E-05	1.60E-06	-1.08E-05				
53	603.00	1.28E-01	-1.12E-01	1.91E-01	-3.31E-01	-1.84E-01	4.05E-01	3.60E-01	-3.44E-01	-35.05	3.08E-01	-1.84E-01	
	-18.00	2.63E-06	-6.58E-06	5.09E-06	-2.54E-05	-1.42E-05	3.12E-05	1.16E-05	-1.55E-05				
54	712.00	-4.40E-02	-2.37E-01	-7.59E-02	-5.13E-01	-6.52E-02	7.20E-01	3.81E-01	-6.62E-01	-39.67	-4.40E-02	-5.13E-01	
	-303.00	2.63E-06	-6.13E-06	1.18E-06	-4.66E-05	-5.93E-06	6.55E-05	2.20E-05	-2.59E-05				
55	712.00	2.86E-01	-5.93E-02	1.78E-01	-5.52E-01	-1.97E-01	6.80E-01	6.92E-01	-4.65E-01	-36.30	2.86E-01	-5.52E-01	
	-213.00	7.75E-06	-7.96E-06	2.84E-06	-5.02E-05	-1.79E-05	6.18E-05	2.62E-05	-2.64E-05				
56	712.00	6.11E-01	6.47E-02	3.96E-01	-3.56E-01	-4.42E-01	5.54E-01	7.87E-01	-1.11E-01	-26.25	6.11E-01	-3.56E-01	
	-138.00	8.27E-06	-4.15E-06	3.38E-06	-1.62E-05	-2.01E-05	2.52E-05	1.23E-05	-8.15E-06				
57	712.00	2.42E-01	-7.18E-02	1.99E-01	-2.65E-01	-1.78E-01	4.21E-01	3.93E-01	-2.23E-01	-29.68	2.42E-01	-2.65E-01	
	-78.00	5.24E-06	-8.82E-06	3.60E-06	-2.04E-05	-1.37E-05	3.24E-05	1.10E-05	-1.26E-05				
58	712.00	2.27E-01	-8.84E-02	1.92E-01	-3.62E-01	-1.45E-01	4.77E-01	4.64E-01	-3.26E-01	-33.23	2.27E-01	-3.62E-01	
	-18.00	5.10E-06	-7.03E-06	3.75E-06	-2.79E-05	-1.11E-05	3.67E-05	1.42E-05	-1.62E-05				
59	837.00	1.37E+00	6.74E-01	8.18E-01	-4.18E-01	-3.77E-01	6.29E-01	1.57E+00	4.78E-01	-25.07	6.74E-01	4.18E-01	
	-318.00	2.52E-05	-6.57E-06	.00E+00	-3.80E-05	-3.43E-05	5.72E-05	3.41E-05	-1.55E-05				
60	887.00	4.47E-02	-2.73E-01	-9.14E-02	-1.12E+00	-1.46E-01	1.40E+00	1.02E+00	-1.25E+00	-40.96	-1.18E+00	3.87E-01	
	-288.00	6.19E-06	-8.26E-06	.00E+00	-1.02E-04	-1.33E-05	1.27E-04	5.04E-05	-5.24E-05				
61	987.00	-3.66E-01	-4.01E-01	-3.07E-01	-1.10E+00	8.51E-02	1.30E+00	7.21E-01	-1.49E+00	-44.54	-3.66E-01	-1.10E+00	
	-288.00	-2.69E-06	-4.29E-06	.00E+00	-1.00E-04	7.74E-06	1.18E-04	4.67E-05	-5.37E-05				
62	1037.00	1.20E+00	6.11E-01	7.25E-01	-7.77E-01	-3.16E-01	1.05E+00	1.74E+00	7.45E-02	-34.59	6.11E-01	7.77E-01	
	-318.00	2.17E-05	-5.19E-06	.00E+00	-7.07E-05	-2.88E-05	9.59E-05	4.60E-05	-2.96E-05				
63	862.00	8.62E-03	-1.44E-01	-9.99E-03	-5.86E-01	-7.64E-02	7.13E-01	5.23E-01	-6.59E-01	-41.29	8.62E-03	-5.86E-01	
	-213.00	2.28E-06	-4.66E-06	1.44E-06	-5.33E-05	-6.94E-06	6.49E-05	2.57E-05	-2.81E-05				
64	1012.00	-6.30E-02	-1.79E-01	-6.23E-02	-6.05E-01	-4.03E-03	7.25E-01	4.86E-01	-7.28E-01	-42.25	-6.30E-02	-6.05E-01	
	-213.00	1.09E-06	-4.19E-06	1.12E-06	-5.50E-05	-3.66E-07	6.59E-05	2.61E-05	-2.92E-05				
65	937.00	3.37E-01	-1.59E-01	1.69E-01	-4.96E-01	-1.84E-01	7.41E-01	6.44E-01	-4.66E-01	-31.71	-1.59E-01	4.96E-01	
	-148.00	5.85E-06	-5.44E-06	2.01E-06	-2.26E-05	-8.38E-06	3.37E-05	1.28E-05	-1.24E-05				
66	937.00	2.01E-01	-2.15E-01	9.85E-02	-7.74E-01	-1.68E-01	8.52E-01	7.94E-01	-8.08E-01	-37.48	-6.91E-01	4.17E-01	
	-128.00	4.12E-06	-5.33E-06	1.80E-06	-3.52E-05	-7.62E-06	3.87E-05	1.76E-05	-1.88E-05				
67	1037.00	9.17E-01	-1.93E-01	2.99E-01	-7.81E-01	-4.26E-01	9.51E-01	1.32E+00	-5.96E-01	-27.30	-1.93E-01	7.81E-01	
	-148.00	1.55E-05	-9.75E-06	1.43E-06	-3.55E-05	-1.93E-05	4.32E-05	2.46E-05	-1.89E-05				
68	837.00	2.67E-01	-1.33E-01	1.38E-01	-8.38E-01	-2.23E-01	9.76E-01	9.28E-01	-7.94E-01	-38.30	2.67E-01	-8.38E-01	
	-68.00	7.26E-06	-8.10E-06	2.33E-06	-6.45E-05	-1.71E-05	7.51E-05	3.27E-05	-3.35E-05				
69	937.00	6.00E-01	-8.04E-02	2.64E-01	-5.30E-01	-2.47E-01	5.73E-01	8.90E-01	-3.70E-01	-28.67	-8.04E-02	5.30E-01	
	-88.00	1.45E-05	-1.17E-05	1.54E-06	-4.08E-05	-1.90E-05	4.41E-05	2.56E-05	-2.28E-05				
70	1037.00	-3.67E-01	-8.92E-01	-4.53E-01	-8.88E-01	2.34E-02	1.35E+00	2.96E-01	-1.56E+00	-36.77	-1.43E+00	4.62E-01	
	-68.00	4.69E-06	-1.55E-05	1.39E-06	-6.83E-05	1.80E-06	1.04E-04	3.02E-05	-4.10E-05				
71	862.00	3.50E-01	-1.27E-02	2.21E-01	-3.66E-01	-2.05E-01	5.03E-01	5.77E-01	-2.39E-01	-31.79	3.50E-01	-3.66E-01	
	-18.00	7.33E-06	-6.63E-06	2.37E-06	-2.81E-05	-1.58E-05	3.87E-05	1.60E-05	-1.53E-05				
72	1012.00	-1.99E-02	-2.67E-01	-4.89E-02	-4.47E-01	-1.98E-02	4.46E-01	3.20E-01	-6.07E-01	-37.28	-1.99E-02	-4.47E-01	
	-18.00	2.92E-06	-6.58E-06	1.81E-06	-3.44E-05	-1.52E-06	3.43E-05	1.60E-05	-1.97E-05				
73	1387.00	-6.91E-02	-9.32E-02	-6.39E-02	-4.10E-01	-1.59E-02	4.24E-01	3.29E-01	-4.91E-01	-44.16	-6.91E-02	-4.10E-01	
	-303.00	-2.04E-07	-1.30E-06	3.41E-08	-3.73E-05	-1.45E-06	3.86E-05	1.79E-05	-1.94E-05				
74	1387.00	1.55E-02	-1.62E-02	-9.89E-04	-4.53E-01	-5.56E-02	4.29E-01	4.53E-01	-4.54E-01	-44.00	1.55E-02	-4.53E-01	
	-213.00	7.27E-07	-7.16E-07	-2.26E-08	-4.12E-05	-5.05E-06	3.90E-05	2.06E-05	-2.06E-05				
75	1387.00	8.98E-02	-2.92E-02	8.19E-03	-3.40E-01	-1.58E-01	2.96E-01	3.75E-01	-3.14E-01	-40.03	8.98E-02	-3.40E-01	
	-138.00	1.68E-06	-1.02E-06	-1.75E-07	-1.54E-05	-7.19E-06	1.35E-05	8.16E-06	-7.51E-06				
76	1187.00	3.35E-01	2.23E-01	2.67E-01	-4.80E-01	-2.58E-01	2.36E-01	7.62E-01	-2.04E-01	-41.68	3.35E-01	-4.80E-01	
	-68.0[illegible]	[illegible].81E-06	-4.87E-07	1.22E-06	-3.69E-05	-1.99E-05	[illegible]E-05	2.02E-05	-1.65E-05				
77	1387	[illegible].05E-01	5.29E-02	4.83E-02	-2.77E-01	-1.96E-01	[illegible]E-01	4.17E-01	-1.58E-01	-37.30	5.29E-02	2.77[illegible]	

	-08.	4.53E-06	-1.34E-06	-1.53E-06	-2.13E-05	-1.51E-05	[illegible]5E-05	1.27E-05	-9.46E-06					
78	1587.	3.80E-02	-3.55E-02	-4.67E-02	-3.40E-01	-3.59E-02	[illegible]0E-01	3.43E-01	-3.40E-01	-41.87	-1.63E-01	2.9[illegible]		
	-68.00	1.97E-06	-8.51E-07	-1.32E-06	-2.61E-05	-2.76E-06	1.22E-05	1.37E-05	-1.26E-05					
79	1237.00	3.09E-01	4.24E-02	1.43E-01	-3.17E-01	-2.57E-01	2.76E-01	5.19E-01	-1.68E-01	-33.63	3.08E-01	-3.17E-01		
	-18.00	6.43E-06	-3.76E-06	6.53E-06	-2.44E-05	-1.98E-05	2.12E-05	1.45E-05	-1.19E-05					
80	1433.90	1.80E-01	-5.50E-03	1.985-02	-4.04E-01	-1.43E-01	2.34E-01	5.01E-01	-3.26E-01	-38.53	1.80E-01	-4.04E-01		
	-8.00	4.78E-06	-2.35E-06	-1.36E-06	-3.11E-05	-1.10E-05	1.80E-05	1.72E-05	-1.47E-05					
81	1533.80	2.90E-01	5.64E-02	7.70E-02	-2.26E-01	-1.03E-01	1.20E-01	4.28E-01	-8.13E-02	-31.34	5.64E-02	2.26E-01		
	-28.00	6.50E-06	-2.48E-06	-1.69E-06	-1.74E-05	-7.92E-06	9.21E-06	1.18E-05	-7.78E-06					
82	1633.80	2.99E-01	9.66E-02	1.00E-01	-7.12E-02	-2.89E-02	1.63E-02	3.21E-01	7.40E-02	-17.60	7.47E-02	-1.30E-02		
	-8.00	6.04E-06	-1.73E-06	-1.59E-06	-5.48E-06	-2.22E-06	1.25E-06	6.91E-06	-2.60E-06					
83	1433.00	1.21E+00	4.71E-01	5.28E-01	-2.50E-01	-5.14E-01	1.77E-01	1.29E+00	3.94E-01	-17.04	4.71E-01	2.50E-01		
	27.60	2.15E-05	-6.93E-06	-2.04E-06	-1.92E-05	-3.95E-05	1.36E-05	2.44E-05	-9.88E-06					
84	1296.10	4.39E-01	1.04E-02	1.50E-01	-3.08E-01	-2.73E-01	2.43E-01	6.00E-01	-1.51E-01	-27.61	2.07E-01	3.75E-01		
	40.70	1.03E-05	-6.19E-06	-9.05E-07	-2.37E-05	-2.10E-05	1.87E-05	1.65E-05	-1.24E-05					
85	1148.60	2.45E-01	-5.80E-02	1.27E-01	-4.08E-01	-2.95E-01	6.08E-02	5.29E-01	-3.42E-01	-34.82	-2.59E-01	-2.56E-01		
	57.33	5.98E-06	-5.68E-06	1.43E-06	-3.14E-05	-2.27E-05	4.68E-06	1.69E-05	-1.66E-05					
86	1131.40	1.49E+00	7.88E-01	8.54E-01	-5.55E-02	-8.22E-01	5.03E-02	1.49E+00	7.84E-01	-4.51	7.88E-01	5.55E-02		
	112.00	2.28E-05	-4.09E-06	-1.82E-06	-4.27E-06	-6.33E-05	3.87E-06	2.30E-05	-4.24E-06					
87	1019.80	3.80E-01	-2.52E-01	1.10E-01	-3.95E-01	-3.04E-01	8.25E-01	5.70E-01	-4.42E-01	-25.64	-2.52E-01	3.95E-01		
	34.67	1.20E-05	-1.23E-05	1.61E-06	-3.04E-05	-2.34E-05	6.35E-05	1.93E-05	-1.96E-05					
88	886.60	2.51E-01	-1.16E-01	1.53E-01	-2.95E-01	-1.41E-01	4.53E-01	4.15E-01	-2.80E-01	-29.06	2.51E-01	-2.95E-01		
	46.00	6.50E-06	-7.62E-06	2.71E-06	-2.27E-05	-1.08E-05	3.48E-05	1.28E-05	-1.39E-05					
89	869.80	1.37E+00	6.35E-01	9.14E-01	-8.00E-02	-2.86E-01	2.66E-01	1.38E+00	6.26E-01	-6.14	6.35E-01	8.00E-02		
	96.00	2.06E-05	-7.65E-06	3.07E-06	-6.16E-06	-2.20E-05	2.05E-05	2.09E-05	-7.98E-06					
90	952.60	1.74E-01	-6.90E-01	-1.04E-01	-5.95E-01	-2.06E-01	3.99E-01	4.77E-01	-9.93E-01	-27.00	-8.81E-01	3.91E-01		
	128.00	1.35E-05	-1.97E-05	2.81E-06	-4.58E-05	-1.59E-05	3.07E-05	2.52E-05	-3.14E-05					
91	869.80	3.82E-01	2.73E-02	2.72E-01	-2.21E-01	-1.93E-01	1.25E-01	4.87E-01	-7.85E-02	-25.62	3.82E-01	-2.21E-01		
	160.00	7.19E-06	-6.44E-06	2.99E-06	-1.70E-05	-1.48E-05	9.59E-06	1.13E-05	-1.05E-05					
92	869.80	1.54E+00	4.73E-01	8.70E-01	2.20E-02	-5.19E-01	1.30E-01	1.54E+00	4.73E-01	1.18	4.73E-01	-2.20E-02		
	203.60	2.75E-05	-1.35E-05	1.82E-06	1.69E-06	-3.99E-05	1.00E-05	2.75E-05	-1.35E-05					
93	598.67	2.00E-01	-2.45E-01	1.50E-01	-5.96E-01	-2.89E-01	7.87E-01	6.14E-01	-6.59E-01	-34.75	-2.45E-01	5.96E-01		
	16.00	6.55E-06	-1.06E-05	4.62E-06	-4.59E-05	-2.22E-05	6.06E-05	2.25E-05	-2.65E-05					
94	645.75	2.38E-01	-9.40E-02	2.10E-01	-3.66E-01	-1.55E-01	3.96E-01	4.73E-01	-3.30E-01	-32.82	2.38E-01	-3.66E-01		
	24.00	5.25E-06	-7.50E-06	4.18E-06	-2.82E-05	-1.19E-05	3.05E-05	1.43E-05	-1.66E-05					
95	613.10	4.26E-01	3.77E-01	4.74E-01	-5.32E-01	-1.01E-01	2.81E-01	9.34E-01	-1.31E-01	-43.67	4.26E-01	-5.32E-01		
	69.33	2.37E-06	4.59E-07	4.19E-06	-4.09E-05	-7.74E-06	2.16E-05	2.19E-05	-1.91E-05					
96	708.45	4.12E-01	-3.92E-02	2.75E-01	-2.87E-01	-1.49E-01	3.49E-01	5.52E-01	-1.79E-01	-25.90	1.68E-01	3.65E-01		
	58.00	8.74E-06	-8.63E-06	3.46E-06	-2.21E-05	-1.15E-05	2.69E-05	1.41E-05	-1.40E-05					
97	613.10	1.29E+00	6.73E-01	9.14E-01	-9.04E-02	-2.47E-01	1.97E-01	1.30E+00	6.60E-01	-8.19	6.73E-01	9.04E-02		
	96.00	1.79E-05	-5.70E-06	3.55E-06	-6.95E-06	-1.90E-05	1.52E-05	1.84E-05	-6.20E-06					
98	682.27	3.58E-01	-8.31E-02	2.26E-01	-3.19E-01	-9.16E-02	4.20E-01	5.25E-01	-2.50E-01	-27.66	-2.49E-01	2.98E-02		
	112.00	8.27E-06	-8.71E-06	3.19E-06	-2.45E-05	-7.05E-06	3.23E-05	1.47E-05	-1.51E-05					
99	751.43	8.07E-01	-8.02E-01	1.23E-01	-5.09E-01	-3.61E-01	7.56E-01	9.55E-01	-9.50E-01	-16.17	-8.02E-01	5.09E-01		
	96.00	2.96E-05	-3.23E-05	3.33E-06	-3.92E-05	-2.77E-05	5.82E-05	3.53E-05	-3.75E-05					
100	683.25	3.55E-01	-2.95E-02	2.42E-01	-1.46E-01	-6.37E-02	2.46E-01	4.04E-01	-7.88E-02	-18.63	3.55E-01	-1.46E-01		
	152.00	7.42E-06	-7.37E-06	3.06E-06	-1.13E-05	-4.90E-06	1.89E-05	9.32E-06	-9.26E-06					
101	648.67	1.68E+00	8.76E-01	1.18E+00	-4.17E-02	-7.93E-02	1.99E-01	1.69E+00	8.74E-01	-2.95	8.76E-01	4.17E-02		
	192.00	2.37E-05	-7.37E-06	4.22E-06	-3.21E-06	-6.10E-06	1.53E-05	2.38E-05	-7.46E-06					
102	725.25	2.08E-01	-1.77E-01	9.92E-02	-2.24E-01	-2.20E-02	1.30E-01	3.11E-01	-2.80E-01	-24.69	-2.95E-02	2.92E-01		
	232.70	6.56E-06	-6.23E-06	2.39E-06	-1.72E-05	-1.69E-06	1.00E-05	1.05E-05	-1.22E-05					
103	635.50	2.13E-01	1.52E-01	2.04E-01	1.03E-02	-1.87E-02	1.15E-01	2.14E-01	1.50E-01	9.38	2.13E-01	1.03E-02		
	256.00	1.93E-06	-4.05E-07	1.60E-06	7.92E-07	-1.43E-06	8.84E-06	1.99E-06	-4.70E-07					
104	635.50	5.56E-01	3.67E-01	4.42E-01	4.93E-02	1.38E-02	-1.34E-02	5.68E-01	3.55E-01	13.75	3.67E-01	-4.93E-02		
	290.67	6.35E-06	-9.66E-07	1.99E-06	3.79E-06	1.06E-06	-1.03E-06	6.86E-06	-1.35E-06					
105	569.00	7.39E-02	-2.99E-01	1.07E-01	-7.01E-01	-2.46E-01	6.66E-01	6.13E-01	-8.38E-01	-37.56	7.39E-02	-7.01E-01		
	16.50	4.13E-06	-1.02E-05	5.41E-06	-5.39E-05	-1.89E-05	5.12E-05	2.49E-05	-3.05E-05					
106	508.50	-3.48E-02	-6.98E-02	2.04E-01	-2.47E-01	-4.30E-01	2.23E-01	2.13E-01	-2.86E-01	-41.18	-6.98E-02	2.47E-01		
	13.00	-1.56E-06	-4.12E-06	6.40E-06	-1.90E-05	-3.31E-05	1.71E-05	6.76E-06	-1.24E-05					
107	521.00	-1.54E-01	-2.97E-01	6.65E-02	-5.65E-01	-1.88E-01	3.75E-01	3.44E-01	-7.95E-01	-41.41	-1.54E-01	-5.65E-01		
	15.75	-1.71E-06	-7.18E-06	6.78E-06	-4.35E-05	-1.45E-05	2.88E-05	1.75E-05	-2.64E-05					
108	526.25	-1.29E-01	-2.50E-01	7.67E-02	-6.36E-01	-1.62E-01	3.89E-01	4.45E-01	-8.33E-01	-42.08	-1.29E-01	-6.36E-01		
	21.00	-1.53E-06	-4.54E-06	6.37E-06	-4.89E-05	-1.24E-05	2.59E-05	2.06E-05	-2.86E-05					
109	515.50	1.02E-01	-2.47E-03	2.46E-01	-6.78E-01	-2.85E-01	2.26E-01	7.30E-01	-6.30E-01	-42.80	-2.47E-03	6.78E-01		

	26.00	1.27E-07	-3.69E-06	5.66E-06	-5.21E-05	-2.19E-05	1.74E-05	2.43E-05	-2.80E-05				
110	531.50	1.51E-02	-1.77E-01	1.35E-01	-5.38E-01	-1.19E-01	3.33E-01	4.65E-01	-6.28E-01	-39.93	1.51E-02	-5.38E-01	
	34.50	8.91E-07	-6.52E-06	5.49E-06	-4.14E-05	-9.19E-06	2.56E-05	1.82E-05	-2.38E-05				
111	515.50	6.67E-01	7.74E-01	7.85E-01	-1.36E+00	-9.08E-02	2.46E-01	2.06E+00	-6.37E-01	-46.13	6.67E-01	-1.36E+00	
	44.00	1.19E-06	5.31E-06	5.73E-06	-1.04E-04	-6.99E-06	1.50E-05	5.54E-05	-4.85E-05				
112	515.50	7.89E-01	4.60E-01	6.81E-01	-3.37E-01	-1.30E-01	1.82E-01	9.99E-01	2.50E-01	-31.98	4.60E-01	3.37E-01	
	53.33	9.13E-06	-3.52E-06	4.99E-06	-2.59E-05	-9.98E-06	1.40E-05	1.72E-05	-1.16E-05				
113	547.50	1.20E-01	-6.01E-01	-2.13E-02	-6.64E-01	-1.09E-01	4.14E-01	5.15E-01	-9.96E-01	-30.75	-7.97E-01	5.11E-01	
	64.00	1.01E-05	-1.76E-05	4.69E-06	-5.11E-05	-8.41E-06	3.19E-05	2.53E-05	-3.28E-05				
114	515.50	6.11E-01	4.65E-01	5.91E-01	-5.38E-01	-5.09E-02	2.98E-01	1.09E+00	6.06E-03	-41.65	6.11E-01	-5.38E-01	
	74.67	4.97E-06	1.05E-07	4.19E-06	-4.14E-05	-4.68E-06	2.29E-05	2.34E-05	-1.83E-05				
115	515.50	1.66E+00	1.01E+00	1.23E+00	-2.19E-01	-9.67E-02	1.69E-01	1.73E+00	9.41E-01	-16.98	1.01E+00	2.19E-01	
	88.00	2.10E-05	-4.04E-06	4.46E-06	-1.69E-05	-7.44E-06	1.30E-05	2.36E-05	-6.61E-06				
116	547.50	5.90E-01	-3.00E-01	2.69E-01	-8.18E-01	-9.34E-02	3.98E-01	1.08E+00	-7.86E-01	-30.72	-6.33E-01	5.12E-01	
	104.00	1.66E-05	-1.77E-05	4.20E-06	-6.29E-05	-7.19E-06	3.06E-05	3.53E-05	-3.64E-05				
117	515.50	1.93E-01	-3.93E-02	1.62E-01	-4.51E-01	-9.82E-03	3.60E-01	5.63E-01	-3.89E-01	-37.78	1.93E-01	-4.51E-01	
	120.00	3.95E-06	-4.99E-06	2.77E-06	-3.47E-05	-7.55E-07	2.77E-05	1.74E-05	-1.84E-05				
118	515.50	1.27E+00	7.57E-01	9.30E-01	-1.80E-01	2.44E-02	1.45E-01	1.33E+00	7.00E-01	-17.58	7.57E-01	1.80E-01	
	136.00	1.63E-05	-3.37E-06	3.27E-06	-1.39E-05	1.87E-06	1.11E-05	1.85E-05	-5.56E-06				
119	547.50	5.31E-01	-1.06E-01	2.82E-01	-5.05E-01	-1.84E-02	1.97E-01	8.10E-01	-3.84E-01	-28.89	-3.06E-01	2.96E-01	
	152.00	1.26E-05	-1.19E-05	3.08E-06	-3.89E-05	-1.41E-06	1.51E-05	2.34E-05	-2.26E-05				
120	515.50	2.41E-01	-5.12E-02	1.30E-01	-2.44E-01	2.46E-02	3.25E-01	3.79E-01	-1.90E-01	-29.58	2.41E-01	-2.44E-01	
	168.00	5.75E-06	-5.48E-06	1.49E-06	-1.88E-05	1.89E-06	2.50E-05	1.11E-05	-1.08E-05				
121	515.50	1.61E+00	9.88E-01	1.13E+00	-1.55E-01	9.64E-02	1.10E-01	1.64E+00	9.51E-01	-13.34	9.88E-01	1.55E-01	
	184.00	2.08E-05	-2.93E-06	2.59E-06	-1.19E-05	7.42E-06	8.45E-06	2.22E-05	-4.34E-06				
122	547.50	3.18E-01	-4.95E-01	1.80E-02	-6.60E-01	3.14E-02	2.82E-01	6.87E-01	-8.64E-01	-29.20	-7.58E-01	3.91E-01	
	200.00	1.40E-05	-1.73E-05	2.44E-06	-5.08E-05	2.42E-06	2.17E-05	2.82E-05	-3.15E-05				
123	515.50	-3.53E-01	-7.24E-01	-4.21E-01	-2.05E-01	1.15E-01	4.76E-01	-2.62E-01	-8.14E-01	-23.92	-3.53E-01	-2.05E-01	
	216.00	2.88E-06	-1.14E-05	2.56E-07	-1.57E-05	8.82E-06	3.66E-05	6.38E-06	-1.49E-05				
124	515.50	7.10E-01	4.33E-01	5.29E-01	-9.52E-02	3.38E-01	7.26E-02	7.40E-01	4.04E-01	-17.24	4.33E-01	9.52E-02	
	232.00	8.94E-06	-1.72E-06	1.97E-06	-7.32E-06	2.60E-05	5.58E-06	1.01E-05	-2.86E-06				
125	547.50	4.22E-01	2.76E-01	3.47E-01	-1.84E-01	1.67E-01	-1.39E-01	5.47E-01	1.52E-01	-34.19	1.98E-01	1.28E-01	
	248.00	4.75E-06	-8.61E-07	1.86E-06	-1.42E-05	1.29E-05	-1.07E-05	9.56E-06	-5.67E-06				
126	515.50	-4.32E-01	-7.71E-01	-4.98E-01	4.02E-02	1.58E-01	4.58E-01	-4.28E-01	-7.76E-01	6.69	-4.32E-01	4.02E-02	
	264.00	2.06E-06	-1.10E-05	-4.45E-07	3.10E-06	1.21E-05	3.52E-05	2.24E-06	-1.11E-05				
127	515.50	5.24E-01	3.51E-01	4.15E-01	-9.20E-02	4.43E-01	3.52E-02	5.64E-01	3.12E-01	-23.43	3.51E-01	9.20E-02	
	276.00	5.97E-06	-6.60E-07	1.77E-06	-7.08E-06	3.40E-05	2.71E-06	7.51E-06	-2.19E-06				
128	531.50	4.89E-02	3.85E-03	2.64E-02	-3.96E-02	1.46E-01	1.25E-02	7.20E-02	-1.92E-02	-30.20	4.89E-02	-3.96E-02	
	297.00	1.01E-06	-7.21E-07	1.45E-07	-3.05E-06	1.12E-05	9.59E-07	1.90E-06	-1.61E-06				
129	515.50	-6.65E-01	-9.31E-01	-6.76E-01	4.48E-02	1.64E-01	3.66E-01	-6.58E-01	-9.38E-01	9.34	-6.65E-01	4.48E-02	
	320.00	-6.25E-07	-1.08E-05	-1.03E-06	3.45E-06	1.26E-05	2.81E-05	-3.41E-07	-1.11E-05				
183	565.50	1.08E-01	-4.62E-01	8.85E-02	-9.96E-01	-3.23E-01	8.56E-01	8.59E-01	-1.21E+00	-37.02	1.08E-01	-9.96E-01	
	-8.00	7.07E-06	-1.40E-05	6.32E-06	-7.66E-05	-2.48E-05	6.58E-05	3.59E-05	-4.37E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1220E+02	-.7106E+02	-.1842E+03	-.1614E+02	-.5280E+02	.3222E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.2133E+01	-.1332E+01	-.9625E+00	-.7489E+01	.1348E+02	.1272E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
[illegible]	.2844E+01	.5659E+00	-.5390E+00	-.[illegible]	.3244E+02	.2178E+02

16	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
17	-.3503E+01	-.5047E+00	-.2518E+00	-.1[illegible]E+02	.4916E+02	.3176E+02
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
23	.4491E+01	.7259E+00	-.2345E+00	-.1718E+02	.6523E+02	.4220E+02
24	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
25	-.1063E+01	.1276E+00	-.3419E+00	-.2563E+02	.8233E+02	.5399E+02
26	-.6513E+01	-.1147E+01	-.1592E+00	-.3387E+02	.9045E+02	.6501E+02
27	.1623E+02	.2547E+01	-.2429E+00	-.3533E+02	.9530E+02	.7312E+02
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
33	.2229E+02	.5412E+01	-.1573E+01	-.3418E+02	.1278E+03	.7936E+02
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
40	-.8623E+03	-.1351E+03	-.3838E+01	-.5268E+02	.3231E+03	.1240E+03
41	-.4887E+03	-.6364E+02	-.1064E+02	-.4610E+02	.3199E+03	.1141E+03
42	-.1986E+03	-.1497E+02	-.1239E+02	-.3708E+02	.2906E+03	.9981E+02
43	-.1175E+02	.7204E+01	-.7255E+01	-.3254E+02	.2099E+03	.8711E+02
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
48	-.4462E+02	-.1925E+02	-.6606E+00	.7659E+01	.3322E+03	-.5514E+02
49	-.5635E+02	-.1529E+02	-.7063E+00	-.3687E+02	.3037E+03	-.4075E+02
50	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
51	.5796E+03	.8977E+02	.2382E+01	-.6575E+02	.2157E+03	-.1877E+03
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
54	.1794E+00	-.1240E+02	-.3060E+00	.6176E+01	.3281E+03	-.5056E+02
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
62	.4011E+03	.6175E+02	.2443E+01	-.6470E+02	.1787E+03	-.1787E+03
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
66	.2862E+03	.4447E+02	.3389E+01	-.6047E+02	.1743E+03	-.1743E+03
67	.1124E+03	.1829E+02	.4387E+01	-.6411E+02	.1603E+03	-.1807E+03
68	-.1651E+03	-.2339E+02	.4518E+01	-.6349E+02	.1483E+03	-.1807E+03
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.2352E+03	-.4282E+02	.4090E+01	-.7840E+02	.1440E+03	-.1739E+03
76	.2774E+02	.5552E+01	.3136E+01	-.8716E+02	.1303E+03	-.1746E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.1274E+03	-.1794E+02	.2496E+01	-.8820E+02	.1069E+03	-.1694E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.4755E+02	.8140E+01	.2013E+01	-.9792E+02	.8922E+02	-.1632E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.7719E+02	-.1081E+02	.1796E+01	-.9582E+02	.6664E+02	-.1528E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.3649E+02	.6074E+01	.1497E+01	-.7923E+02	.5004E+02	-.1407E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.4535E+02	-.6386E+01	.1564E+01	-.7473E+02	.3164E+02	-.1262E+03
109	.2261E+02	.3641E+01	.1494E+01	-.7134E+02	.1493E+02	-.1099E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.4008E+02	-.5940E+01	.1531E+01	-.5082E+02	-.2667E+00	-.8924E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.5299E+02	-.8019E+01	.7477E+00	-.3647E+02	-.1276E+02	-.6895E+02
115	.1845E+02	.2638E+01	.6581E+00	-.2170E+02	-.1623E+02	-.4714E+02
116	-.3452E+02	-.5440E+01	.7676E+00	-.1015E+02	-.2600E+02	-.3115E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1559E+02	-.2658E+01	.5726E+00	-.2192E+02	-.3229E+02	-.3175E+02
119	.8035E+01	.8322E+00	.7118E+00	.6020E+01	-.3291E+02	-.1373E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2949E+02	-.5442E+01	-.2003E+01	.1365E+02	-.4032E+02	-.4014E+01
122	-.2822E+02	-.5296E+01	-.4999E+01	-.2663E+01	-.4165E+02	-.8671E+01
123	-.2382E+02	-.4123E+01	-.4344E+01	-.2360E+01	-.3776E+02	-.8173E+01
124	-.1992E+02	-.3124E+01	-.2974E+01	-.2120E+01	-.3232E+02	-.7768E+01
125	-.1556E+02	-.2228E+01	-.2173E+01	-.1909E+01	-.2798E+02	-.7366E+01
126	-.9307E+01	-.1024E+01	-.2064E+01	-.1664E+01	-.2550E+02	-.6937E+01
127	-.4056E+01	-.5243E-01	-.2185E+01	-.1435E+01	-.2376E+02	-.6303E+01
128	.2183E+01	.1009E+01	-.2322E+01	-.9429E+00	-.1936E+02	-.5547E+01
129	.3969E+01	.1156E+01	-.2207E+01	-.5926E+00	-.1488E+02	-.4724E+01
130	.3618E+01	.8920E+00	-.1900E+01	-.3555E+00	-.1070E+02	-.3929E+01
131	.1314E+01	.2126E+00	-.1530E+01	-.1804E+00	-.7038E+01	-.3230E+01
132	-.9808E-01	-.7595E-01	-.1172E+01	-.2086E+00	-.5427E+01	-.2604E+01
133	-.1140E+00	-.5642E-01	-.1033E+01	-.1925E+00	-.4458E+01	-.2087E+01
134	-.5144E-01	-.3318E-01	-.9994E+00	-.1451E+00	-.3435E+01	-.1614E+01
135	-.3520E-01	-.1548E-01	-.1121E+01	-.9674E-01	-.2446E+01	-.1192E+01
136	.9154E-02	-.9973E-02	-.1477E+01	-.4741E-01	-.1606E+01	-.6034E+00
137	.4743E-02	.5632E-03	-.2216E+01	.3627E-01	-.7455E+00	-.4455E+00
138	.2406E-01	-.2882E-01	-.2690E+02	.1189E+00	.2247E+00	-.2468E+00
139	-.2479E-01	-.4024E-01	-.1811E+02	.9329E-02	-.1255E+00	.1435E+00

TOTAL DISP[illegible]TS AFTER MODE SUPERPOSITION AT TIME .8700E+01 (FOR [illegible]R TERM, NUMBER 1)

	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.97800E-02	.56067E-04	-.98673E-02	.00000E+00
3	.17854E-01	.20160E-03	-.17041E-01	.00000E+00
4	.19330E-01	.20937E-03	-.19248E-01	.00000E+00
5	.20827E-01	-.17784E-04	-.20836E-01	.00000E+00
6	.23519E-01	.33204E-05	-.23514E-01	.73892E-05
7	.21619E-01	.51765E-03	-.21942E-01	.00000E+00
8	.23590E-01	.41203E-03	-.23696E-01	.16817E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.97661E-02	.14466E-03	-.98895E-02	.00000E+00
11	.17965E-01	.32440E-03	-.18303E-01	.00000E+00
12	.19070E-01	.40224E-03	-.20381E-01	.00000E+00
13	.21621E-01	.33075E-03	-.21865E-01	.00000E+00
14	.23726E-01	.48334E-03	-.24145E-01	.39721E-05
15	.21872E-01	.86326E-03	-.23102E-01	.00000E+00
16	.23933E-01	.79149E-03	-.24896E-01	.12743E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.98459E-02	.24371E-03	-.10397E-01	.00000E+00
19	.18296E-01	.52977E-03	-.19405E-01	.00000E+00
20	.20391E-01	.67186E-03	-.21703E-01	.00000E+00
21	.22125E-01	.52993E-03	-.23312E-01	.00000E+00
22	.24212E-01	.68960E-03	-.25942E-01	.24803E-05
23	.22684E-01	.13547E-02	-.25446E-01	.00000E+00
24	.24567E-01	.12500E-02	-.27310E-01	.10528E-04
25	.24813E-01	.15248E-02	-.28180E-01	.11524E-05
26	.24958E-01	.15156E-02	-.28692E-01	.97496E-06
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.97869E-02	.47562E-03	-.10891E-01	.00000E+00
29	.18620E-01	.10149E-02	-.20604E-01	.00000E+00
30	.20832E-01	.12271E-02	-.23314E-01	.00000E+00
31	.22909E-01	.14557E-02	-.25971E-01	.00000E+00
32	.25109E-01	.17349E-02	-.29257E-01	.28053E-04
33	.22822E-01	.19920E-02	-.26053E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.96739E-02	.64012E-03	-.10958E-01	.00000E+00
36	.18702E-01	.12497E-02	-.20939E-01	.00000E+00
37	.21034E-01	.14250E-02	-.23335E-01	.00000E+00
38	.23474E-01	.18529E-02	-.27023E-01	.00000E+00
39	.25424E-01	.24332E-02	-.30246E-01	-.10631E-04
40	.25375E-01	.24515E-02	-.30017E-01	.61367E-05
41	.25328E-01	.23314E-02	-.29804E-01	.16583E-04
42	.25236E-01	.20657E-02	-.29559E-01	.25435E-04
43	.20645E-01	.17407E-02	-.23159E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.88732E-02	.13825E-03	-.10202E-01	.00000E+00
46	.18439E-01	.11391E-02	-.20409E-01	.00000E+00
47	.25448E-01	.23320E-02	-.30336E-01	-.12483E-04
48	.25441E-01	.23842E-02	-.30321E-01	-.17564E-04
49	.23438E-01	.18371E-02	-.26818E-01	.00000E+00
50	.25665E-01	.23324E-02	-.30424E-01	-.54564E-04
51	.23487E-01	.20962E-02	-.26441E-01	.00000E+00
52	.26393E-01	.21433E-02	-.28898E-01	.00000E+00
53	.25468E-01	.22429E-02	-.30394E-01	-.48946E-05
54	.20446E-01	.12172E-02	-.21778E-01	.00000E+00
55	.22995E-01	.16667E-02	-.24072E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.75856E-02	.88433E-03	-.77589E-02	.00000E+00
58	.16340E-01	.71110E-03	-.14903E-01	.00000E+00
59	.26802E-01	.17731E-02	-.27697E-01	.00000E+00
60	.26335E-01	.20682E-02	-.28171E-01	.00000E+00
61	.25877E-01	.23396E-02	-.30494E-01	-.84866E-04
62	.19268E-01	.69165E-03	-.17991E-01	.00000E+00

63	.22291E-01	.76282E-03	-.21464E-01	.00000E+00
64	.26039E-01	.21349E-02	-.25273E-01	.00000E+00
65	.26164E-01	.24065E-02	-.30560E-01	-.10586E-03
66	.26892E-01	.24191E-02	-.30691E-01	-.12920E-03
67	.27659E-01	.24304E-02	-.30835E-01	-.12365E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.59377E-02	-.59739E-04	-.48097E-02	.00000E+00
70	.17228E-01	.33752E-03	-.15464E-01	.00000E+00
71	.25936E-01	.93278E-03	-.24730E-01	.00000E+00
72	.27644E-01	.20320E-02	-.29390E-01	.00000E+00
73	.21246E-01	.48205E-03	-.18044E-01	.00000E+00
74	.29344E-01	.21879E-02	-.30590E-01	.00000E+00
75	.28321E-01	.24406E-02	-.30960E-01	-.94745E-04
76	.29223E-01	.24947E-02	-.31189E-01	-.66979E-04
77	.24565E-01	.51262E-03	-.21620E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.70486E-02	.27166E-03	-.65220E-02	.00000E+00
80	.16354E-01	.24876E-05	-.14042E-01	.00000E+00
81	.18128E-01	.35790E-04	-.15380E-01	.00000E+00
82	.20329E-01	.51744E-04	-.18228E-01	.00000E+00
83	.28971E-01	.10823E-02	-.27391E-01	.00000E+00
84	.27113E-01	.54819E-03	-.24362E-01	.00000E+00
85	.30247E-01	.25171E-02	-.31482E-01	-.53828E-04
86	.30410E-01	.22671E-02	-.31324E-01	.00000E+00
87	.24683E-01	.34566E-03	-.20957E-01	.00000E+00
88	.30364E-01	.19302E-02	-.29725E-01	.00000E+00
89	.30962E-01	.25785E-02	-.31760E-01	-.43641E-04
90	.18855E-01	-.69680E-04	-.12180E-01	.00000E+00
91	.20297E-01	-.13084E-03	-.13356E-01	.00000E+00
92	.21865E-01	.25924E-03	-.14224E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.81250E-02	.00000E+00	-.52411E-02	.00000E+00
95	.14946E-01	.00000E+00	-.93647E-02	.00000E+00
96	.17133E-01	.00000E+00	-.10693E-01	.00000E+00
97	.17904E-01	.00000E+00	-.10658E-01	.00000E+00
98	.17602E-01	.00000E+00	-.10416E-01	.00000E+00
99	.19261E-01	.11336E-03	-.11352E-01	.00000E+00
100	.24062E-01	.40348E-03	-.16551E-01	.00000E+00
101	.29093E-01	.11540E-02	-.24698E-01	.00000E+00
102	.32058E-01	.26472E-02	-.32161E-01	-.38963E-04
103	.30415E-01	.14239E-02	-.28466E-01	.00000E+00
104	.32416E-01	.25233E-02	-.32363E-01	.00000E+00
105	.32825E-01	.26993E-02	-.32494E-01	-.33251E-04
106	.31872E-01	.16178E-02	-.30636E-01	.00000E+00
107	.33652E-01	.26715E-02	-.32924E-01	.00000E+00
108	.33689E-01	.27532E-02	-.32806E-01	-.31750E-04
109	.34325E-01	.27942E-02	-.33042E-01	-.27034E-04
110	.33997E-01	.29326E-02	-.32087E-01	.00000E+00
111	.35074E-01	.30337E-02	-.33860E-01	.00000E+00
112	.35003E-01	.28409E-02	-.33240E-01	-.24155E-04
113	.34785E-01	.27148E-02	-.32774E-01	.00000E+00
114	.35386E-01	.28375E-02	-.33346E-01	-.88454E-05
115	.35490E-01	.28554E-02	-.33418E-01	-.24380E-05
116	.35520E-01	.28292E-02	-.33386E-01	.17803E-05
117	.35293E-01	.31259E-02	-.34298E-01	.00000E+00
118	.35477E-01	.28283E-02	-.33371E-01	.53337E-05
119	.35329E-01	.28215E-02	-.33323E-01	.90781E-05
120	.35551E-01	.30517E-02	-.34115E-01	.00000E+00
121	.35046E-01	.27408E-02	-.33203E-01	.15928E-04
122	.35013E-01	.26462E-02	-.33229E-01	.19621E-04
123	.34963E-01	.25181E-02	-.33246E-01	.22593E-04
124	.34904E-01	.23705E-02	-.33262E-01	.26087E-04
125	.34825E-01	.21391E-02	-.33278E-01	.[illegible]375E-04
[illegible]	.34665E-01	.18624E-02	-.33304E-01	.[illegible]769E-04

	.34485E-01	.14928E-02	-.33328E-01	.87206E-04
	.34141E-01	.71911E-03	-.33377E-01	.21942E-04
129	.33987E-01	.10315E-03	-.33420E-01	.22741E-04
130	.33718E-01	-.33260E-03	-.33468E-01	.11598E-04
131	.33661E-01	-.52164E-03	-.33540E-01	-.11118E-05
132	.33714E-01	-.36917E-03	-.33606E-01	-.44800E-05
133	.33764E-01	-.20394E-03	-.33665E-01	-.29332E-05
134	.33786E-01	-.11996E-03	-.33714E-01	-.13826E-05
135	.33797E-01	-.83288E-04	-.33754E-01	-.69500E-06
136	.33803E-01	-.58327E-04	-.33783E-01	-.73963E-06
137	.33807E-01	-.35938E-04	-.33802E-01	-.61592E-06
138	.33810E-01	-.70509E-05	-.33810E-01	-.10076E-05
139	.33810E-01	-.79710E-06	-.33810E-01	-.81885E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.29E-02	3.93E-02	-5.93E-04	1.20E+00	6.83E-03	-1.22E+00	1.22E+00	-1.17E+00	45.31	1.29E-02	1.20E+00
	-303.00	-8.21E-08	1.12E-06	-6.98E-07	1.09E-04	6.21E-07	-1.10E-04	5.50E-05	-5.40E-05			
2	72.00	1.96E-02	5.29E-02	-2.73E-02	1.00E+00	1.63E-03	-1.03E+00	1.04E+00	-9.66E-01	45.48	1.96E-02	1.00E+00
	-213.00	3.04E-07	1.82E-06	-1.83E-06	9.11E-05	1.48E-07	-9.36E-05	4.66E-05	-4.45E-05			
3	72.00	1.49E-01	6.48E-02	-6.57E-02	6.62E-01	-7.18E-02	-7.26E-01	7.71E-01	-5.57E-01	43.19	1.49E-01	6.62E-01
	-138.00	2.61E-06	6.97E-07	-2.27E-06	3.01E-05	-3.27E-06	-3.30E-05	1.67E-05	-1.34E-05			
4	24.00	9.12E-01	5.63E-01	7.15E-01	1.24E+00	-2.44E-01	-1.39E+00	1.99E+00	-5.16E-01	41.01	9.12E-01	1.24E+00
	-68.00	1.10E-05	-2.40E-06	3.43E-06	9.55E-05	-1.88E-05	-1.07E-04	5.25E-05	-4.39E-05			
5	72.00	-3.44E-01	-2.01E-01	-4.26E-01	5.60E-01	1.06E-02	-5.80E-01	2.92E-01	-8.37E-01	48.64	-2.01E-01	-5.60E-01
	-88.00	-2.57E-06	2.94E-06	-5.70E-06	4.31E-05	8.13E-07	-4.46E-05	2.19E-05	-2.15E-05			
6	120.00	-1.98E-01	-2.09E-01	-2.87E-01	1.04E+00	5.83E-02	-1.03E+00	8.35E-01	-1.24E+00	44.84	8.17E-01	-1.93E-01
	-68.00	3.24E-08	-4.26E-07	-3.42E-06	7.99E-05	4.49E-06	-7.99E-05	3.98E-05	-4.02E-05			
7	36.25	2.76E-01	9.89E-02	4.39E-02	6.08E-01	-7.80E-02	-5.77E-01	8.02E-01	-4.26E-01	40.85	2.55E-01	6.10E-01
	-19.00	6.02E-06	-8.03E-07	-2.92E-06	4.67E-05	-6.00E-06	-4.44E-05	2.62E-05	-2.16E-05			
8	108.00	-3.51E-02	-5.00E-02	-1.25E-01	4.46E-01	-1.98E-03	-5.03E-01	4.04E-01	-4.89E-01	44.52	-3.51E-02	4.46E-01
	-19.00	9.60E-07	3.88E-07	-2.50E-06	3.43E-05	-1.52E-07	-3.87E-05	1.78E-05	-1.65E-05			
9	216.00	7.89E-02	1.20E-01	5.56E-02	1.20E+00	-1.08E-02	-1.26E+00	1.30E+00	-1.10E+00	45.49	7.89E-02	1.20E+00
	-303.00	2.77E-07	2.16E-06	-7.81E-07	1.09E-04	-9.81E-07	-1.13E-04	5.59E-05	-5.34E-05			
10	216.00	9.97E-02	1.25E-01	1.43E-02	1.03E+00	-3.45E-02	-1.08E+00	1.14E+00	-9.17E-01	45.35	9.97E-02	1.03E+00
	-213.00	1.43E-06	2.58E-06	-2.46E-06	9.35E-05	-3.13E-06	-9.82E-05	4.88E-05	-4.48E-05			
11	216.00	1.38E-01	1.05E-01	-1.38E-01	7.86E-01	-1.04E-01	-8.51E-01	9.08E-01	-6.65E-01	44.41	1.38E-01	7.86E-01
	-138.00	2.58E-06	1.84E-06	-3.68E-06	3.57E-05	-4.74E-06	-3.87E-05	2.01E-05	-1.57E-05			
12	168.00	4.20E-01	4.67E-01	2.66E-01	1.22E+00	-1.92E-01	-1.26E+00	1.67E+00	-7.81E-01	45.56	4.20E-01	1.22E+00
	-68.00	3.48E-06	5.30E-06	-2.44E-06	9.41E-05	-1.47E-05	-9.72E-05	5.15E-05	-4.27E-05			
13	216.00	-4.32E-01	-1.87E-01	-4.70E-01	5.16E-01	-3.28E-02	-4.95E-01	2.21E-01	-8.40E-01	51.69	-1.87E-01	-5.16E-01
	-88.00	-4.65E-06	4.79E-06	-6.12E-06	3.97E-05	-2.52E-06	-3.81E-05	2.05E-05	-2.03E-05			
14	264.00	-6.65E-02	-1.98E-01	-2.88E-01	1.02E+00	2.00E-02	-1.05E+00	8.88E-01	-1.15E+00	43.15	8.58E-01	-2.48E-01
	-68.00	3.51E-06	-1.54E-06	-5.01E-06	7.83E-05	1.53E-06	-8.09E-05	4.02E-05	-3.83E-05			
15	180.00	7.80E-02	1.34E-02	-1.08E-01	5.43E-01	-1.28E-01	-5.01E-01	5.89E-01	-4.98E-01	43.30	7.80E-02	5.43E-01
	-19.00	3.18E-06	6.97E-07	-3.97E-06	4.17E-05	-9.84E-06	-3.85E-05	2.28E-05	-1.90E-05			
16	252.00	6.14E-02	-1.52E-02	-1.67E-01	4.26E-01	-5.06E-02	-5.28E-01	4.50E-01	-4.04E-01	42.43	6.14E-02	4.26E-01
	-19.00	3.69E-06	7.49E-07	-5.11E-06	3.27E-05	-3.85E-06	-4.06E-05	1.87E-05	-1.42E-05			
17	361.00	1.12E-01	2.04E-01	9.13E-02	1.21E+00	-6.00E-03	-1.31E+00	1.37E+00	-1.05E+00	46.09	1.12E-01	1.21E+00
	-303.00	-2.02E-07	4.00E-06	-1.15E-05	1.10E-04	-5.46E-07	-1.19E-04	5.69E-05	-5.31E-05			
18	361.00	1.17E-01	1.98E-01	2.45E-02	1.08E+00	-2.76E-02	-1.16E+00	1.24E+00	-9.27E-01	46.07	1.17E-01	1.08E+00
	-213.00	9.09E-07	4.58E-06	-3.29E-06	9.85E-05	-2.51E-06	-1.06E-04	5.20E-05	-4.65E-05			
19	361.00	1.45E-01	1.58E-01	-1.82E-01	8.66E-01	-1.07E-01	-9.71E-01	1.02E+00	-7.15E-01	45.22	1.45E-01	8.66E-01
	-138.00	2.66E-06	2.94E-06	-4.73E-06	3.94E-05	-4.85E-06	-4.41E-05	2.25E-05	-1.69E-05			
20	312.00	7.31E-01	7.02E-01	4.19E-01	1.40E+00	-3.23E-01	-1.55E+00	2.12E+00	-6.87E-01	44.70	7.31E-01	1.40E+00
	-68.00	7.77E-06	6.65E-06	-4.24E-06	1.08E-04	-2.48E-05	-1.20E-04	6.12E-05	-4.66E-05			
21	360.67	-6.94E-01	-4.39E-01	-7.04E-01	6.88E-01	-7.62E-03	-7.39E-01	1.33E-01	-1.27E+00	50.25	-4.39E-01	-6.88E-01
	-88.00	-6.51E-06	3.30E-06	-6.88E-06	5.29E-05	-5.86E-07	-5.68E-05	2.53E-05	-2.85E-05			
22	409.33	4.28E-01	6.03E-01	1.92E-01	1.32E+00	-1.35E-02	-1.45E+00	1.84E+00	-8.06E-01	46.89	1.82E+00	-1.87E-01

	-68.00	3.04E-06	9.75E-06	-6.06E-06	1.01E-04	-1.04E-05	-1.27E-04	5.72E-05	-4.44E-05					
23	324.00	1.84E-01	3.34E-02	-1.51E-01	5.71E-01	-2.23E-01	-5.39E-01	6.85E-01	-4.67E-01	41.24	1.84E-01	5.71E-01		
	-19.00	6.34E-06	5.51E-07	-6.53E-06	4.39E-05	-1.75E-05	-4.13E-05	2.56E-05	-1.87E-05					
24	372.00	1.31E-01	-5.50E-02	-2.40E-01	1.42E+00	-2.16E-01	-1.50E+00	1.46E+00	-1.38E+00	43.11	1.31E-01	1.42E+00		
	-8.33	6.85E-06	-3.34E-07	-7.42E-06	1.09E-04	-1.69E-05	-1.15E-04	5.79E-05	-5.14E-05					
25	401.25	4.19E-02	-3.02E-02	-2.85E-01	4.69E-01	-7.85E-02	-6.32E-01	4.76E-01	-4.64E-01	42.80	-3.98E-01	2.40E-01		
	-19.00	4.65E-06	1.88E-06	-8.05E-06	3.61E-05	-6.04E-06	-4.86E-05	2.13E-05	-1.46E-05					
26	427.67	8.00E-01	8.71E-01	4.08E-01	1.60E+00	-2.93E-01	-2.13E+00	2.43E+00	-7.60E-01	45.64	1.75E+00	1.31E+00		
	-8.33	7.92E-06	1.07E-05	-7.16E-06	1.23E-04	-2.25E-05	-1.64E-04	7.07E-05	-5.21E-05					
27	457.00	1.34E-01	2.98E-01	1.32E-01	1.21E+00	6.36E-03	-1.34E+00	1.43E+00	-9.96E-01	46.93	1.34E-01	1.21E+00		
	-303.00	-1.23E-06	6.20E-06	-1.31E-06	1.10E-04	5.79E-07	-1.22E-04	5.76E-05	-5.26E-05					
28	457.00	5.97E-02	2.47E-01	2.75E-02	1.14E+00	-8.32E-03	-1.22E+00	1.32E+00	-9.68E-01	46.86	9.97E-02	1.14E+00		
	-213.00	-3.34E-07	6.38E-06	-3.62E-06	1.04E-04	-7.56E-07	-1.11E-04	5.45E-05	-4.89E-05					
29	457.00	1.82E-01	1.88E-01	-1.70E-01	9.36E-01	2.32E-02	-9.95E-01	1.12E+00	-7.51E-01	45.09	1.82E-01	9.36E-01		
	-138.00	3.10E-06	3.23E-06	-4.92E-06	4.26E-05	1.05E-06	-4.52E-05	2.44E-05	-1.81E-05					
30	442.00	4.86E-01	1.11E+00	4.34E-01	1.62E+00	2.86E-02	-1.78E+00	2.45E+00	-8.54E-01	50.44	4.86E-01	1.62E+00		
	-68.00	-3.60E-06	2.04E-05	-5.62E-06	1.25E-04	2.20E-06	-1.37E-04	7.19E-05	-5.51E-05					
31	457.33	-1.87E+00	-7.14E-01	-1.22E+00	5.39E-01	8.22E-01	-9.37E-01	-5.01E-01	-2.08E+00	68.44	-7.14E-01	-5.39E-01		
	-88.00	-3.01E-05	1.42E-05	-5.03E-06	4.15E-05	6.32E-05	-7.20E-05	2.24E-05	-3.83E-05					
32	472.67	3.31E+00	3.16E+00	2.41E+00	1.37E+00	-5.10E-01	-2.23E+00	4.61E+00	1.87E+00	43.48	4.18E+00	9.97E-01		
	-68.00	2.07E-05	2.40E-05	-4.87E-06	1.05E-04	-3.92E-05	-1.71E-04	7.96E-05	-2.59E-05					
33	443.00	2.70E-01	2.84E-01	-8.14E-02	8.58E-01	-1.10E-01	-8.51E-01	1.14E+00	-5.81E-01	45.23	2.70E-01	8.58E-01		
	-19.50	5.20E-06	5.73E-06	-8.33E-06	6.60E-05	-8.49E-06	-6.55E-05	3.85E-05	-2.75E-05					
34	454.00	2.72E+00	2.29E+00	1.74E+00	2.09E+00	-6.15E-01	-2.71E+00	4.61E+00	3.96E-01	41.98	3.56E+00	1.82E+00		
	-11.33	3.06E-05	1.36E-05	-7.12E-06	1.61E-04	-4.73E-05	-2.08E-04	1.03E-04	-5.89E-05					
35	461.67	1.05E+00	1.47E+00	7.53E-01	1.97E+00	-1.61E-01	-2.82E+00	3.25E+00	-7.27E-01	48.09	1.05E+00	1.97E+00		
	-12.00	4.27E-06	2.07E-05	-7.00E-06	1.52E-04	-1.24E-05	-2.17E-04	8.89E-05	-6.39E-05					
36	469.00	-1.66E+00	-5.26E-01	-1.15E+00	1.86E-01	7.22E-01	-1.13E+00	-6.96E-01	-1.69E+00	80.89	-5.26E-01	-1.86E-01		
	-30.00	-2.71E-05	1.63E-05	-7.57E-06	1.43E-05	5.55E-05	-8.72E-05	1.75E-05	-2.82E-05					
37	476.33	1.63E+00	2.34E+00	1.32E+00	1.37E+00	-1.73E-01	-2.32E+00	3.40E+00	5.64E-01	52.30	2.19E+00	1.41E+00		
	-12.00	4.46E-06	3.20E-05	-7.45E-06	1.06E-04	-1.33E-05	-1.79E-04	7.29E-05	-3.64E-05					
38	558.50	-2.95E-02	1.22E-01	8.71E-04	1.12E+00	3.93E-02	-1.30E+00	1.16E+00	-1.07E+00	46.94	-2.95E-02	1.12E+00		
	-303.00	-2.55E-06	4.32E-06	-1.17E-06	1.01E-04	3.58E-06	-1.18E-04	5.17E-05	-4.99E-05					
39	558.50	3.57E-02	3.07E-01	4.31E-02	1.11E+00	7.86E-02	-1.25E+00	1.29E+00	-9.52E-01	48.47	3.57E-02	1.11E+00		
	-213.00	-3.39E-06	8.95E-06	-3.05E-06	1.01E-04	7.15E-06	-1.14E-04	5.38E-05	-4.83E-05					
40	506.17	-6.43E-02	7.71E-01	-4.07E-02	2.51E+00	1.46E-01	-2.63E+00	2.90E+00	-2.19E+00	49.72	-6.43E-02	2.51E+00		
	-128.00	-4.95E-06	1.40E-05	-4.42E-06	1.14E-04	6.65E-06	-1.19E-04	6.24E-05	-5.33E-05					
41	558.50	-9.61E-01	4.67E-01	-3.50E-01	1.10E+00	6.12E-01	-1.56E+00	1.06E+00	-1.56E+00	61.51	4.67E-01	-1.10E+00		
	-148.00	-1.74E-05	1.50E-05	-3.53E-06	4.99E-05	2.78E-05	-7.08E-05	2.86E-05	-3.10E-05					
42	610.83	1.15E-01	7.82E-01	8.48E-02	2.13E+00	4.58E-01	-2.05E+00	2.61E+00	-1.71E+00	49.44	2.60E+00	-2.38E-01		
	-128.00	-2.54E-06	1.26E-05	-3.22E-06	9.70E-05	2.08E-05	-9.34E-05	5.41E-05	-4.41E-05					
43	501.38	-3.08E-01	1.80E-02	-3.29E-01	5.83E-01	2.07E-01	-7.63E-01	4.61E-01	-7.51E-01	52.81	-3.08E-01	5.83E-01		
	-78.00	-5.04E-06	7.50E-06	-5.86E-06	4.49E-05	1.60E-05	-5.87E-05	2.45E-05	-2.21E-05					
44	534.67	4.05E-01	6.85E-01	2.65E-01	1.86E+00	1.30E-01	-2.26E+00	2.41E+00	-1.32E+00	47.16	2.40E+00	-1.84E-01		
	-68.00	6.89E-07	1.15E-05	-4.70E-06	1.43E-04	9.97E-06	-1.74E-04	7.77E-05	-6.55E-05					
45	584.67	-3.16E-01	4.46E-02	-2.65E-01	1.68E+00	4.48E-01	-1.66E+00	1.56E+00	-1.83E+00	48.06	-3.16E-01	1.68E+00		
	-68.00	-6.27E-06	7.62E-06	-4.30E-06	1.30E-04	3.45E-05	-1.28E-04	6.58E-05	-6.45E-05					
46	610.83	-1.81E+00	-2.16E-01	-8.89E-01	9.00E-01	8.66E-01	-1.32E+00	1.89E-01	-2.21E+00	65.75	-2.16E-01	-9.00E-01		
	-88.00	-3.75E-05	2.37E-05	-2.18E-06	6.92E-05	6.66E-05	-1.01E-04	3.93E-05	-5.31E-05					
47	482.63	-2.95E-02	2.51E-01	-2.25E-01	4.36E-01	2.17E-01	-8.64E-01	5.69E-01	-3.48E-01	53.91	-2.95E-02	4.36E-01		
	-21.00	-1.10E-06	9.69E-06	-8.61E-06	3.36E-05	1.67E-05	-6.65E-05	2.19E-05	-1.33E-05					
48	485.83	1.10E+00	1.70E+00	8.69E-01	1.26E+00	3.27E-02	-2.59E+00	2.69E+00	1.11E-01	51.72	1.27E+00	1.28E+00		
	-12.00	2.02E-06	2.51E-05	-6.96E-06	9.66E-05	2.52E-06	-1.99E-04	6.32E-05	-3.61E-05					
49	507.88	-5.08E-02	6.55E-02	-2.83E-01	4.70E-01	1.30E-01	-9.39E-01	4.81E-01	-4.66E-01	48.53	-5.08E-02	4.70E-01		
	-21.00	1.00E-06	5.47E-06	-7.95E-06	3.62E-05	9.97E-06	-7.22E-05	2.15E-05	-1.50E-05					
50	538.67	3.49E-01	5.06E-01	1.42E-01	1.66E+00	5.92E-01	-1.97E+00	2.08E+00	-1.23E+00	46.36	2.08E+00	-8.15E-02		
	-10.00	2.45E-06	8.52E-06	-5.48E-06	1.27E-04	4.55E-05	-1.51E-04	6.92E-05	-5.83E-05					
51	486.67	-4.99E+00	-3.44E+00	-3.74E+00	-1.26E-01	3.40E-01	-2.86E-01	-3.43E+00	-5.00E+00	-85.38	-3.44E+00	1.26E-01		
	8.00	-5.81E-05	1.38E-04	-1.01E-05	-9.67E-06	2.62E-05	-2.20E-05	1.77E-06	-5.85E-05					
52	507.00	1.07E+00	1.36E+00	6.69E-01	7.45E-01	2.70E-01	7.21E-01	1.98E+00	4.59E-01	50.53	1.79E+00	4.93E-01		
	9.00	7.13E-06	1.83E-05	-8.42E-06	5.73E-05	2.07E-05	6.55E-05	4.19E-05	-1.65E-05					
53	603.00	[illegible]16E-02	2.71E-02	-1.03E-01	6.65E-01	2.97E-01	-6.[illegible]E-01	6.64E-01	-6.68E-01	46.26	-4.40E-01	5.02E-01		
	-18.00	[illegible]9E-08	2.23E-06	-2.78E-06	5.12E-05	2.28E-05	-[illegible]05	2.67E-05	-2.45E-05					
54	712.[illegible]	[illegible]5E-02	1.63E-01	2.63E-02	1.03E+00	9.54E-02	[illegible]00	1.09E+00	-9.86E-01	48.03	-5.65E-02	1.0[illegible]		

	-303.	[illegible]4.29E-06	[illegible]5.68E-06	-5.27E-07	9.39E-05	8.67E-06	[illegible]0E-04	4.79E-05	-4.65E-05					
55	712.	[illegible]5.74E-01	-2.25E-01	-3.42E-01	1.13E+00	2.99E-01	[illegible]7E+00	7.45E-01	-1.54E+00	49.39	-5.74E-01	1.13		
	-213.00	-1.13E-05	4.60E-06	-7.14E-07	1.03E-04	2.72E-05	[illegible]74E-05	4.87E-05	-5.54E-05					
56	712.00	-8.32E-01	-3.29E-01	-3.40E-01	8.35E-01	6.87E-01	-6.44E-01	2.91E-01	-1.45E+00	53.37	-8.32E-01	8.35E-01		
	-138.00	-1.09E-05	4.89E-07	-2.03E-07	3.80E-05	3.12E-05	-3.84E-05	1.46E-05	-2.50E-05					
57	712.00	-2.60E-01	2.25E-02	-9.89E-02	5.42E-01	2.79E-01	-6.46E-01	4.41E-01	-6.79E-01	52.31	-2.60E-01	5.42E-01		
	-78.00	-6.31E-06	4.56E-06	-1.07E-07	4.17E-05	2.15E-05	-4.97E-05	2.07E-05	-2.24E-05					
58	712.00	-3.01E-01	-1.10E-01	-1.64E-01	7.34E-01	2.41E-01	-7.70E-01	5.35E-01	-9.46E-01	48.70	-3.01E-01	7.34E-01		
	-18.00	-5.26E-06	2.08E-06	1.91E-09	5.65E-05	1.86E-05	-5.92E-05	2.69E-05	-3.01E-05					
59	837.00	-2.91E+00	-1.58E+00	-1.79E+00	8.62E-01	5.69E-01	-9.49E-01	-1.15E+00	-3.33E+00	63.81	-1.58E+00	-8.62E-01		
	-318.00	-5.06E-05	6.83E-06	.00E+00	7.84E-05	5.17E-05	-8.62E-05	2.91E-05	-6.95E-05					
60	987.00	-3.51E-01	7.75E-02	-1.09E-01	2.31E+00	2.16E-01	-2.12E+00	2.18E+00	-2.46E+00	47.65	2.00E+00	-8.98E-01		
	-288.00	-1.10E-05	8.50E-06	.00E+00	2.10E-04	1.97E-05	-1.93E-04	1.04E-04	-1.07E-04					
61	987.00	5.63E-01	4.37E-01	4.00E-01	2.34E+00	-1.26E-01	-1.97E+00	2.84E+00	-1.84E+00	44.23	5.63E-01	2.34E+00		
	-288.00	7.41E-06	1.69E-06	.00E+00	2.12E-04	-1.14E-05	-1.79E-04	1.11E-04	-1.02E-04					
62	1037.00	-2.84E+00	-1.67E+00	-1.90E+00	1.70E+00	4.78E-01	-1.59E+00	-4.52E-01	-4.05E+00	54.45	-1.67E+00	-1.70E+00		
	-318.00	-4.70E-05	6.04E-06	.00E+00	1.55E-04	4.35E-05	-1.45E-04	6.14E-05	-1.02E-04					
63	862.00	-5.95E-02	2.36E-02	2.28E-02	1.18E+00	7.43E-02	-1.09E+00	1.16E+00	-1.20E+00	46.01	-5.95E-02	1.18E+00		
	-213.00	-2.53E-06	1.24E-06	1.21E-06	1.07E-04	6.75E-06	-9.94E-05	5.29E-05	-5.42E-05					
64	1012.00	1.46E-01	1.44E-01	1.59E-01	1.26E+00	-2.62E-02	-1.11E+00	1.40E+00	-1.11E+00	44.98	1.46E-01	1.26E+00		
	-213.00	7.90E-07	7.12E-07	1.42E-06	1.14E-04	-2.38E-06	-1.01E-04	5.80E-05	-5.65E-05					
65	837.00	-7.77E-02	-1.40E-02	9.30E-02	9.12E-01	1.58E-01	-1.14E+00	8.67E-01	-9.59E-01	46.00	-1.40E-02	-9.12E-01		
	-148.00	-1.77E-06	-3.24E-07	2.11E-06	4.15E-05	7.19E-06	-5.17E-05	1.97E-05	-2.18E-05					
66	937.00	-1.87E-01	3.76E-02	6.28E-02	1.57E+00	1.49E-01	-1.35E+00	1.50E+00	-1.65E+00	47.05	1.09E+00	-1.06E+00		
	-128.00	-3.80E-06	1.31E-06	1.88E-06	7.14E-05	6.79E-06	-6.12E-05	3.45E-05	-3.70E-05					
67	1037.00	-1.51E+00	-1.86E-01	-3.82E-01	1.52E+00	5.64E-01	-1.50E+00	8.08E-01	-2.51E+00	56.81	-1.86E-01	-1.52E+00		
	-148.00	-2.35E-05	6.69E-06	2.23E-06	6.90E-05	2.56E-05	-6.83E-05	2.93E-05	-4.61E-05					
68	837.00	-4.70E-01	-2.96E-01	-2.50E-01	1.71E+00	2.76E-01	-1.53E+00	1.33E+00	-2.05E+00	46.46	-4.70E-01	1.71E+00		
	-68.00	-6.90E-06	-2.21E-07	1.54E-06	1.31E-04	2.13E-05	-1.18E-04	6.22E-05	-6.93E-05					
69	937.00	-6.71E-01	8.71E-02	-1.27E-01	9.37E-01	3.03E-01	-8.66E-01	7.19E-01	-1.30E+00	56.01	8.71E-02	-9.37E-01		
	-88.00	-1.80E-05	1.12E-05	2.93E-06	7.21E-05	2.33E-05	-6.66E-05	3.55E-05	-4.23E-05					
70	1037.00	7.50E-02	4.41E-01	3.03E-01	1.59E+00	-5.03E-02	-1.81E+00	1.86E+00	-1.34E+00	48.28	1.49E+00	-1.03E+00		
	-68.00	-6.12E-06	7.97E-06	2.65E-06	1.22E-04	-3.87E-06	-1.39E-04	6.25E-05	-6.07E-05					
71	862.00	-4.28E-01	-1.81E-01	-1.57E-01	7.24E-01	2.52E-01	-7.52E-01	4.30E-01	-1.04E+00	49.83	-4.28E-01	7.24E-01		
	-18.00	-8.03E-06	1.45E-06	2.37E-06	5.57E-05	1.94E-05	-5.78E-05	2.50E-05	-3.15E-05					
72	1012.00	8.64E-02	2.26E-01	2.33E-01	8.05E-01	-1.76E-02	-6.87E-01	9.65E-01	-6.52E-01	47.48	8.64E-02	8.05E-01		
	-18.00	-2.67E-06	2.70E-06	2.96E-06	6.19E-05	-1.36E-06	-5.29E-05	3.11E-05	-3.11E-05					
73	1387.00	1.53E-01	1.66E-01	1.46E-01	9.25E-01	4.98E-03	-7.19E-01	1.08E+00	-7.65E-01	45.21	1.53E-01	9.25E-01		
	-303.00	8.97E-07	1.51E-06	6.15E-07	8.41E-05	4.53E-07	-6.54E-05	4.32E-05	-4.08E-05					
74	1387.00	5.65E-03	-2.12E-02	5.65E-02	9.83E-01	3.22E-02	-7.12E-01	9.75E-01	-9.91E-01	44.61	5.65E-03	9.83E-01		
	-213.00	-2.76E-07	-1.50E-06	2.04E-06	8.94E-05	2.93E-06	-6.47E-05	4.38E-05	-4.56E-05					
75	1387.00	-4.34E-02	5.69E-02	1.80E-01	7.25E-01	1.04E-01	-4.87E-01	7.34E-01	-7.20E-01	46.98	-4.34E-02	7.25E-01		
	-138.00	-2.00E-06	2.79E-07	3.08E-06	3.30E-05	4.73E-06	-2.21E-05	1.57E-05	-1.74E-05					
76	1187.00	-3.27E-01	-2.31E-01	-1.39E-01	1.11E+00	2.32E-01	-5.41E-01	8.28E-01	-1.35E+00	46.24	-3.27E-01	1.11E+00		
	-68.00	-4.91E-06	-1.23E-06	2.32E-06	8.50E-05	1.78E-05	-4.16E-05	3.95E-05	-4.56E-05					
77	1387.00	-3.32E-01	-2.16E-01	-4.98E-02	5.60E-01	1.76E-01	-4.86E-01	2.89E-01	-8.36E-01	47.95	-2.16E-01	-5.60E-01		
	-88.00	-6.19E-06	-1.74E-06	4.65E-06	4.30E-05	1.35E-05	-3.74E-05	1.77E-05	-2.56E-05					
78	1587.00	-9.61E-02	-4.40E-02	9.19E-02	7.11E-01	1.31E-02	-3.13E-01	6.41E-01	-7.81E-01	46.05	2.27E-01	-6.46E-01		
	-68.00	-3.17E-06	-1.16E-06	4.06E-06	5.47E-05	1.01E-06	-2.41E-05	2.52E-05	-2.95E-05					
79	1237.00	-4.58E-01	-1.53E-01	-1.01E-01	6.14E-01	2.45E-01	-4.24E-01	3.27E-01	-9.38E-01	51.97	-4.58E-01	6.14E-01		
	-18.00	-9.78E-06	1.94E-06	3.93E-06	4.72E-05	1.88E-05	-3.26E-05	2.04E-05	-2.83E-05					
80	1433.80	-2.76E-01	-5.92E-02	3.56E-02	7.32E-01	1.25E-01	-3.29E-01	5.72E-01	-9.07E-01	49.21	-2.76E-01	7.32E-01		
	-8.00	-7.31E-06	1.01E-06	4.65E-06	5.63E-05	9.62E-06	-2.53E-05	2.53E-05	-3.16E-05					
81	1533.80	-4.53E-01	-9.68E-02	-4.80E-02	4.19E-01	1.01E-01	-2.00E-01	1.81E-01	-7.31E-01	56.51	-9.68E-02	-4.19E-01		
	-28.00	-1.09E-05	2.85E-06	4.72E-06	3.23E-05	7.73E-06	-1.54E-05	1.35E-05	-2.15E-05					
82	1633.80	-4.82E-01	-1.62E-01	-9.63E-02	1.54E-01	1.86E-02	-4.55E-02	-1.00E-01	-5.44E-01	68.03	-1.01E-01	-1.06E-02		
	-8.00	-1.04E-05	1.89E-06	4.44E-06	1.18E-05	1.43E-06	-3.50E-06	4.28E-06	-1.28E-05					
83	1433.80	-1.87E+00	-7.88E-01	-8.61E-01	4.70E-01	5.65E-01	-2.42E-01	-6.12E-01	-2.04E+00	69.47	-7.88E-01	-4.70E-01		
	27.60	-3.32E-05	8.34E-06	5.52E-06	3.61E-05	4.35E-05	-1.86E-05	1.51E-05	-3.95E-05					
84	1296.10	-6.67E-01	-7.16E-02	-1.14E-01	5.18E-01	2.77E-01	-2.99E-01	2.28E-01	-9.67E-01	59.96	-3.92E-01	-5.97E-01		
	40.70	-1.63E-05	6.62E-06	4.98E-06	3.98E-05	2.13E-05	-2.30E-05	1.81E-05	-2.78E-05					
85	1148.60	-3.19E-01	1.26E-01	4.08E-02	7.00E-01	3.10E-01	-1.96E-01	6.38E-01	-8.31E-01	53.81	5.18E-01	4.03E-01		
	57.33	-1.06E-05	6.51E-06	3.24E-06	5.39E-05	2.39E-05	-1.51E-05	2.62E-05	-3.03E-05					
86	1131.40	-2.34E+00	-1.17E+00	-1.16E+00	2.22E-01	9.87E-01	-5.02E-02	-1.13E+00	-2.38E+00	79.61	-1.17E+00	-2.22E-01		

789

3704

	112.00	-3.37E-05	6.31E-06	6.64E-06	1.71E-05	7.55E-05	-3.86E-06	7.97E-06	-4.02E-05				
87	1010.80	-6.55E-01	-1.27E-01	-1.80E-01	7.16E-01	3.63E-01	-1.12E+00	3.72E-01	-1.15E+00	55.13	-1.27E-01	-7.16E-01	
	34.67	-1.46E-05	5.70E-06	3.65E-06	5.51E-05	2.75E-05	-8.63E-05	2.49E-05	-3.38E-05				
88	886.60	-3.54E-01	-5.91E-02	-7.81E-02	5.79E-01	1.76E-01	-6.78E-01	3.91E-01	-8.04E-01	52.14	-3.54E-01	5.79E-01	
	46.00	-8.21E-06	3.12E-06	2.39E-06	4.45E-05	1.35E-05	-5.21E-05	2.04E-05	-2.55E-05				
89	869.80	-1.67E+00	-7.49E-01	-8.52E-01	2.90E-01	4.91E-01	-2.99E-01	-6.66E-01	-1.75E+00	73.90	-7.49E-01	-2.90E-01	
	96.00	-2.82E-05	7.12E-06	3.16E-06	2.23E-05	3.77E-05	-2.30E-05	1.03E-05	-3.15E-05				
90	852.60	-2.75E-01	8.09E-01	3.19E-01	9.15E-01	2.85E-01	-6.54E-01	1.33E+00	-7.96E-01	60.32	1.11E+00	-6.47E-01	
	128.00	-1.99E-05	2.17E-05	2.89E-06	7.04E-05	2.19E-05	-5.03E-05	4.18E-05	-4.00E-05				
91	869.80	-4.77E-01	-4.61E-02	-1.28E-01	4.03E-01	2.82E-01	-1.77E-01	1.96E-01	-7.18E-01	59.06	-4.77E-01	4.03E-01	
	160.00	-1.12E-05	5.37E-06	2.24E-06	3.10E-05	2.17E-05	-1.36E-05	1.47E-05	-2.05E-05				
92	869.80	-2.21E+00	-7.32E-01	-9.92E-01	1.67E-01	9.43E-01	-2.45E-01	-7.13E-01	-2.23E+00	83.61	-7.32E-01	-1.67E-01	
	203.60	-4.17E-05	1.50E-05	5.05E-06	1.29E-05	7.25E-05	-1.89E-05	1.58E-05	-4.24E-05				
93	598.67	1.24E-02	6.80E-02	-2.23E-02	1.16E+00	6.16E-01	-1.36E+00	1.20E+00	-1.12E+00	45.69	6.80E-02	-1.16E+00	
	16.00	-1.63E-07	1.93E-06	-1.50E-06	8.92E-05	4.74E-05	-1.05E-04	4.55E-05	-4.37E-05				
94	645.75	-2.49E-01	-6.84E-02	-1.65E-01	7.37E-01	2.68E-01	-6.70E-01	5.84E-01	-9.01E-01	48.50	-2.49E-01	7.37E-01	
	24.00	-4.29E-06	2.67E-06	-1.04E-06	5.67E-05	2.06E-05	-5.15E-05	2.78E-05	-2.94E-05				
95	613.10	-3.51E-01	-4.44E-01	-3.92E-01	1.23E+00	2.33E-01	-2.92E-01	8.37E-01	-1.63E+00	43.92	-3.51E-01	1.23E+00	
	69.33	-4.57E-07	-4.04E-06	-2.03E-06	9.49E-05	1.79E-05	-2.25E-05	4.52E-05	-4.97E-05				
96	708.45	-4.59E-01	-6.28E-02	-1.81E-01	5.87E-01	2.70E-01	-5.45E-01	3.59E-01	-8.81E-01	54.32	-4.38E-01	-5.94E-01	
	55.00	-9.94E-06	5.31E-06	7.69E-07	4.52E-05	2.08E-05	-4.19E-05	2.15E-05	-2.61E-05				
97	613.10	-1.33E+00	-6.36E-01	-7.48E-01	3.68E-01	7.39E-01	-3.21E-01	-4.76E-01	-1.49E+00	66.60	-6.36E-01	-3.68E-01	
	96.00	-2.13E-05	5.34E-06	1.04E-06	2.83E-05	5.69E-05	-2.47E-05	1.15E-05	-2.74E-05				
98	682.27	-4.48E-01	-6.99E-02	-1.73E-01	7.94E-01	2.32E-01	-6.11E-01	5.57E-01	-1.07E+00	51.70	4.76E-01	-3.53E-01	
	112.00	-9.64E-06	4.91E-06	9.36E-07	6.10E-05	1.78E-05	-4.70E-05	2.90E-05	-3.37E-05				
99	751.43	-1.36E+00	4.87E-01	-2.72E-01	9.19E-01	6.72E-01	-1.23E+00	8.66E-01	-1.74E+00	67.55	4.87E-01	-9.19E-01	
	96.00	-3.97E-05	3.13E-05	2.10E-06	7.07E-05	5.17E-05	-9.48E-05	4.59E-05	-5.43E-05				
100	683.25	-4.12E-01	-6.34E-02	-1.37E-01	2.99E-01	1.79E-01	-4.09E-01	1.09E-01	-5.84E-01	60.10	-4.12E-01	2.99E-01	
	192.00	-9.11E-06	4.29E-06	1.45E-06	2.30E-05	1.35E-05	-3.15E-05	1.09E-05	-1.57E-05				
101	648.67	-2.05E+00	-1.01E+00	-1.15E+00	1.77E-01	4.64E-01	-2.87E-01	-9.77E-01	-2.08E+00	80.61	-1.01E+00	-1.77E-01	
	192.00	-3.26E-05	7.55E-06	1.91E-06	1.36E-05	3.57E-05	-2.21E-05	8.68E-06	-3.37E-05				
102	725.25	-3.04E-01	1.81E-01	2.92E-02	3.41E-01	1.21E-01	-2.75E-01	3.57E-01	-4.80E-01	62.69	-3.61E-02	-4.17E-01	
	232.70	-1.07E-05	7.98E-06	2.16E-06	2.62E-05	9.33E-06	-2.11E-05	1.47E-05	-1.74E-05				
103	635.50	-2.83E-01	-2.77E-01	-1.54E-01	8.68E-03	9.31E-02	-5.55E-03	-2.71E-01	-2.89E-01	54.29	-2.83E-01	8.68E-03	
	256.00	-3.03E-06	-2.80E-06	1.91E-06	6.67E-07	7.16E-06	-4.27E-07	-2.56E-06	-3.27E-06				
104	635.50	-7.37E-01	-4.94E-01	-3.78E-01	-2.76E-02	2.98E-01	-1.31E-02	-4.91E-01	-7.41E-01	-83.61	-4.94E-01	2.76E-02	
	290.67	-1.07E-05	-1.33E-06	3.16E-06	-2.12E-06	2.30E-05	-1.00E-06	-1.21E-06	-1.08E-05				
105	569.00	1.04E-01	9.05E-02	-5.60E-02	1.24E+00	3.95E-01	-1.16E+00	1.34E+00	-1.14E+00	44.84	1.04E-01	1.24E+00	
	16.50	2.48E-06	1.96E-06	-3.68E-06	9.55E-05	3.04E-05	-8.90E-05	8.00E-05	-4.55E-05				
106	508.50	1.92E+00	1.30E+00	1.11E+00	7.88E-01	8.70E-01	-3.59E-01	2.45E+00	7.60E-01	34.25	1.30E+00	-7.88E-01	
	13.00	2.63E-05	2.40E-06	-4.93E-06	6.06E-05	6.69E-05	-2.76E-05	4.69E-05	-1.82E-05				
107	521.00	5.77E-01	3.60E-01	1.33E-01	1.17E+00	3.24E-01	-6.49E-01	1.64E+00	-7.02E-01	42.34	5.77E-01	1.17E+00	
	15.75	1.04E-05	2.08E-06	-6.65E-06	8.97E-05	2.50E-05	-4.99E-05	5.13E-05	-3.88E-05				
108	526.25	4.92E-01	3.02E-01	1.05E-01	1.29E+00	2.74E-01	-6.72E-01	1.69E+00	-8.98E-01	42.89	4.92E-01	1.29E+00	
	21.00	9.05E-06	1.72E-06	-5.84E-06	9.94E-05	2.11E-05	-5.17E-05	5.52E-05	-4.44E-05				
109	515.50	1.15E+00	7.90E-01	6.53E-01	1.55E+00	5.92E-01	-3.64E-01	2.53E+00	-5.88E-01	41.68	7.90E-01	-1.55E+00	
	26.00	1.58E-05	1.88E-06	-3.39E-06	1.19E-04	4.55E-05	-2.80E-05	6.87E-05	-5.11E-05				
110	531.50	1.54E-01	1.69E-01	-2.13E-02	1.06E+00	1.93E-01	-5.73E-01	1.22E+00	-8.98E-01	45.21	1.54E-01	1.06E+00	
	34.50	2.61E-06	3.20E-06	-4.14E-06	8.15E-05	1.49E-05	-4.41E-05	4.37E-05	-3.79E-05				
111	515.50	-8.81E-01	-1.27E+00	-1.05E+00	3.02E+00	1.48E-01	-1.56E-01	1.95E+00	-4.10E+00	43.16	-8.81E-01	3.02E+00	
	44.00	1.26E-06	-1.37E-05	-5.12E-06	2.32E-04	1.14E-05	-1.20E-05	1.10E-04	-1.23E-04				
112	515.50	-5.59E-01	-3.27E-01	-4.42E-01	7.07E-01	3.15E-01	-2.93E-01	2.74E-01	-1.16E+00	49.65	-3.27E-01	-7.07E-01	
	53.33	-6.90E-06	2.02E-06	-2.42E-06	8.44E-05	2.42E-05	-2.26E-05	2.51E-05	-3.00E-05				
113	547.50	-4.27E-01	3.36E-01	-1.19E-01	1.17E+00	2.11E-01	-1.01E+00	1.18E+00	-1.27E+00	54.06	6.94E-01	-9.80E-01	
	64.00	-1.41E-05	1.52E-05	-2.28E-06	8.97E-05	1.62E-05	-7.78E-05	4.78E-05	-4.66E-05				
114	515.50	-1.01E+00	-1.07E+00	-9.18E-01	1.25E+00	9.01E-02	-3.88E-01	2.13E-01	-2.29E+00	44.24	-1.01E+00	1.25E+00	
	74.67	-5.75E-06	-8.32E-06	-2.39E-06	9.62E-05	6.93E-06	-2.98E-05	4.11E-05	-5.52E-05				
115	515.50	-2.17E+00	-1.35E+00	-1.47E+00	4.59E-01	2.54E-01	-2.74E-01	-1.14E+00	-2.38E+00	65.94	-1.35E+00	-4.59E-01	
	88.00	-2.87E-05	2.99E-06	-1.77E-06	3.53E-05	1.96E-05	-2.11E-05	1.09E-05	-3.65E-05				
116	547.50	-1.13E+00	2.43E-02	-5.02E-01	1.46E+00	1.92E-01	-8.43E-01	1.01E+00	-2.12E+00	55.80	6.42E-01	-1.01E+00	
	104.00	-2.57E-05	1.86E-05	-1.67E-06	1.12E-04	1.47E-05	-6.48E-05	5.66E-05	-6.38E-05				
117	515.50	[illegible]85E-01	-2.96E-01	-2.80E-01	1.00E+00	2.04E-02	-5.[illegible]E-01	6.62E-01	-1.34E+00	46.28	-3.85E-01	1.00E+0[illegible]	
	120.00	[illegible]26E-06	-8.19E-07	-2.00E-07	7.70E-05	1.57E-06	-[illegible]-05	3.60E-05	-4.11E-05				
118	515	[illegible]59E+00	-9.52E-01	-1.01E+00	3.89E-01	9.44E-02	[illegible]-01	-7.65E-01	-1.76E+00	64.37	-9.52E-01	-3.8[illegible]	

	136.	.19E-05	2.25E-06	1.04E-07	2.99E-05	7.26E-05	[illegible]	[illegible]-05	9.43E-06	-2.9CE-05			
119	547.5	.74E-01	-1.74E-01	-4.56E-01	9.68E-01	8.82E-02	[illegible]	[illegible]-01	4.73E-01	-1.62E+00	56.26	2.34E-01	-6.65E
	152.00	1.29E-05	1.10E-05	9.91E-08	7.44E-05	6.83E-06	[illegible]	[illegible]-05	3.58E-05	-4.47E-05			
120	515.50	-4.57E-01	-2.75E-01	-2.30E-01	6.52E-01	-6.22E-03	-3.98E-01		2.93E-01	-1.02E+00	48.98	-4.57E-01	6.52E-01
	168.00	-7.00E-06	8.56E-09	1.71E-06	5.02E-05	-4.86E-07	-2.98E-05		2.18E-05	-2.88E-05			
121	515.50	-2.02E+00	-1.23E+00	-1.25E+00	3.11E-01	5.63E-02	-1.75E-01		-1.13E+00	-2.12E+00	70.72	-1.23E+00	-3.11E-01
	184.00	-2.81E-05	1.95E-06	1.41E-06	2.39E-05	4.33E-06	-1.35E-05		6.13E-06	-3.23E-05			
122	547.50	-6.08E-01	4.25E-01	-2.50E-02	1.10E+00	4.70E-02	-6.56E-01		1.12E+00	-1.31E+00	57.56	8.82E-01	-7.29E-01
	200.00	-2.11E-05	1.66E-05	1.33E-06	8.47E-05	3.61E-06	-5.05E-05		4.55E-05	-4.8CE-05			
123	515.50	3.28E-01	6.14E-01	5.01E-01	4.80E-01	-1.14E-01	-5.22E-01		9.71E-01	-2.97E-02	53.30	3.28E-01	4.80E-01
	216.00	-3.25E-06	7.75E-06	3.42E-06	3.69E-05	-8.77E-06	-4.01E-05		2.15E-05	-1.70E-05			
124	515.50	-6.91E-01	-3.87E-01	-3.65E-01	1.39E-01	-2.30E-01	-1.15E-01		-3.33E-01	-7.45E-01	68.75	-3.87E-01	-1.39E-01
	232.00	-1.09E-05	7.46E-07	2.36E-06	1.07E-05	-1.77E-05	-8.88E-06		2.83E-06	-1.3CE-05			
125	547.50	-3.97E-01	-2.21E-01	-1.66E-01	2.70E-01	-1.19E-01	-1.90E-01		-2.43E-02	-5.93E-01	54.02	-1.04E-01	-1.97E-01
	248.00	-6.65E-06	1.75E-07	2.22E-06	2.08E-05	-9.13E-06	-1.46E-05		7.67E-06	-1.42E-05			
126	515.50	4.98E-01	7.96E-01	6.65E-01	-4.88E-02	-1.76E-01	-5.15E-01		8.04E-01	4.90E-01	-80.93	4.98E-01	-4.98E-02
	264.00	-2.36E-06	5.09E-06	4.04E-06	-3.75E-06	-1.35E-05	-3.96E-05		9.39E-06	-2.66E-06			
127	515.50	-4.21E-01	-2.50E-01	-1.98E-01	7.39E-02	-3.98E-01	-6.25E-02		-2.23E-01	-4.49E-01	69.57	-2.50E-01	-7.39E-02
	276.00	-6.64E-06	-6.99E-08	1.93E-06	5.69E-06	-3.06E-05	-4.81E-06		9.89E-07	-7.70E-06			
128	531.50	1.30E-01	9.88E-02	2.04E-01	3.83E-02	-1.59E-01	-3.40E-02		1.56E-01	7.30E-02	33.99	1.30E-01	3.83E-02
	297.00	2.41E-07	-9.50E-07	3.08E-06	2.94E-06	-1.22E-05	-2.62E-06		1.23E-06	-1.94E-06			
129	515.50	9.43E-01	9.65E-01	9.05E-01	-1.45E-01	-1.74E-01	-3.70E-01		1.10E+00	8.08E-01	-47.11	9.43E-01	-1.45E-01
	320.00	5.37E-06	6.20E-06	3.89E-06	-1.12E-05	-1.34E-05	-2.85E-05		1.14E-05	1.8CE-07			
183	565.50	-8.94E-03	1.46E-01	-1.35E-01	1.84E+00	5.18E-01	-1.49E+00		1.91E+00	-1.77E+00	46.21	-8.94E-03	1.84E+00
	-8.00	-3.69E-07	5.61E-06	-5.22E-06	1.42E-04	3.98E-05	-1.14E-04		7.35E-05	-6.82E-05			

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .8700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1147E+02	-.7377E+02	.8247E+02	.2206E+02	.5746E+02	-.3752E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.2914E+01	.1431E+01	.7919E+00	.1699E+02	-.1514E+02	-.1771E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2886E+01	-.5086E+00	.3919E+00	.2649E+02	-.3467E+02	-.3173E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.3979E+01	.8869E+00	.1352E+00	.3684E+02	-.5366E+02	-.4636E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.4454E+01	-.6736E+00	.1303E+00	.4755E+02	-.7265E+02	-.6213E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.8596E-01	-.3329E+00	.3001E+00	.6448E+02	-.9154E+02	-.8069E+02
25	.9172E+01	.1498E+01	.9729E-01	.8104E+02	-.1008E+03	-.9855E+02
26	-.8727E+01	-.1195E+01	.8586E-01	.8733E+02	-.1064E+03	-.1116E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.4221E+02	-.8564E+01	.1727E+01	.8876E+02	-.1454E+03	-.1221E+03

33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.9049E+03	.1514E+03	-.2493E+01	.1262E+03	-.3814E+03	-.1920E+03
40	.5982E+03	.8731E+02	.5039E+01	.1175E+03	-.3769E+03	-.1763E+03
41	.3399E+03	.4105E+02	.9869E+01	.1007E+03	-.3419E+03	-.1535E+03
42	.6741E+02	.1768E+01	.7613E+01	.3822E+02	-.2443E+03	-.1339E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.6185E+03	-.7581E+02	-.3285E+01	.1365E+02	-.3980E+03	.9361E+02
48	-.5293E+03	-.6621E+02	-.3650E+01	.4927E+02	-.3669E+03	.6772E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1163E+04	-.1779E+03	-.5319E+01	.9430E+01	-.2682E+03	.2950E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2511E+01	.9375E+01	-.1666E+00	.7198E+01	-.3924E+03	.8737E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.7982E+03	-.1216E+03	-.5313E+01	.2186E+02	-.2187E+03	.2788E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.5612E+03	-.8597E+02	-.7171E+01	.1980E+02	-.2083E+03	.2712E+03
66	-.1951E+03	-.3081E+02	-.9072E+01	.1911E+02	-.1803E+03	.2822E+03
67	.3740E+03	.5474E+02	-.9130E+01	.1956E+02	-.1525E+03	.2819E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.6664E+03	.9865E+02	-.7794E+01	.5031E+02	-.1316E+03	.2766E+03
76	-.7026E+02	-.1160E+02	-.5475E+01	.6159E+02	-.1001E+03	.2788E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3408E+03	.4146E+02	-.4079E+01	.6751E+02	-.5856E+02	.2698E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1160E+03	-.1783E+02	-.3015E+01	.9455E+02	-.3175E+02	.2617E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1652E+02	.2472E+02	-.2684E+01	.7013E+02	.4779E+01	.2430E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1037E+03	-.1533E+02	-.2246E+01	.6362E+02	.2795E+02	.2225E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1201E+03	.1949E+02	-.2308E+01	.4194E+02	.5942E+02	.1999E+03
109	-.6923E+02	-.9693E+01	-.2041E+01	.6123E+02	.8059E+02	.1733E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1010E+03	.1609E+02	-.2021E+01	.3987E+02	.1041E+03	.1428E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.6396E+02	.1069E+02	-.5939E+00	.2572E+02	.1174E+03	.1119E+03
115	.5838E+01	.2057E+01	-.2031E+00	.1281E+02	.1197E+03	.7980E+02
116	.4975E+02	.8695E+01	.6805E-01	.3178E+01	.1295E+03	.5809E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4367E+02	.8024E+01	.5142E+00	.1407E+02	.1357E+03	.5350E+02
119	.2094E+02	.4546E+01	.7896E+00	-.1242E+02	.1254E+03	.2834E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.8203E+02	.1145E+02	.5020E+01	-.1515E+02	.1146E+03	.1326E+02
122	.7042E+02	.6760E+01	.9279E+01	.4202E+01	.1120E+03	.1580E+02
123	.5458E+02	.4750E+01	.8199E+01	.3093E+01	.9852E+02	.1442E+02
124	.4099E+02	.3452E+01	.5648E+01	.2315E+01	.8175E+02	.1330E+02
125	.2814E+02	.2033E+01	.4143E+01	.1666E+01	.6822E+02	.1223E+02
126	.1097E+02	-.7653E+00	.3878E+01	.9491E+00	.5837E+02	.1108E+02
127	-.1950E+01	-.2973E+01	.3997E+01	.2701E+00	.5086E+02	.9575E+01
128	-.1562E+02	-.4922E+01	.3943E+01	-.1089E+01	.3506E+02	.7857E+01
129	-.1665E+02	-.4407E+01	.3451E+01	-.1755E+01	.2188E+02	.6269E+01
130	-.1203E+02	-.2790E+01	.2681E+01	-.1937E+01	.1177E+02	.5053E+01
131	-.3358E+01	-.5304E+00	.1948E+01	-.1736E+01	.5638E+01	.4197E+01
132	.3402E+00	.2315E+00	.1461E+01	-.1117E+01	.5053E+01	.3533E+01
133	.5942E+00	.1933E+00	.1317E+01	-.7528E+00	.5003E+01	.2923E+01
134	.1725E+00	.6399E-01	.1298E+01	-.5768E+00	.4086E+01	.2287E+01
135	.1747E-01	.1061E-00	.1457E+01	-.4457E+00	.2896E+01	.1687E+01
136	-.5064E-02	.1028E-01	.1931E+01	-.3206E+00	.1987E+01	.1129E+01
137	-.2551E-01	-.7996E-02	.2984E+01	-.2528E+00	.8612E+00	.6204E+00
138	.3889E-03	.5596E-01	.4498E+02	-.2091E+00	-.2398E+00	.3211E+00
139	.4252E-01	.6895E-01	-.2021E+01	-.2917E-01	.1310E+00	-.1394E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	P-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.13538E-01	-.80522E-04	.13572E-01	.00000E+00
3	-.24896E-01	-.26339E-03	.24910E-01	.00000E+00
4	-.27097E-01	-.25507E-03	.27054E-01	.00000E+00
5	-.29376E-01	-.21183E-04	.29389E-01	.00000E+00
6	-.33508E-01	.74778E-05	.33503E-01	-.46981E-05
7	-.30562E-01	-.45545E-03	.30989E-01	.00000E+00
8	-.33610E-01	-.35120E-03	.33729E-01	-.96281E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.13471E-01	-.12491E-03	.13626E-01	.00000E+00
11	-.25125E-01	-.27502E-03	.25525E-01	.00000E+00
12	-.28120E-01	-.30805E-03	.29596E-01	.00000E+00
13	-.30567E-01	-.24380E-03	.30811E-01	.00000E+00
14	-.33826E-01	-.32284E-03	.34323E-01	-.22752E-05
15	-.31030E-01	-.59507E-03	.32467E-01	.00000E+00
16	-.34145E-01	-.50231E-03	.35299E-01	.17863E-05

17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.13547E-01	-.14316E-03	.14259E-01	.00000E+00
19	-.25479E-01	-.28421E-03	.26939E-01	.00000E+00
20	-.28842E-01	-.36027E-03	.30319E-01	.00000E+00
21	-.31375E-01	-.20269E-03	.32727E-01	.00000E+00
22	-.34587E-01	-.24143E-03	.36660E-01	.10977E-06
23	-.32308E-01	-.50525E-03	.35586E-01	.00000E+00
24	-.35129E-01	-.66726E-03	.38443E-01	-.10012E-04
25	-.35504E-01	-.91347E-03	.39589E-01	.57746E-06
26	-.35723E-01	-.82736E-03	.40267E-01	.63204E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.13770E-01	-.27927E-03	.14890E-01	.00000E+00
29	-.26436E-01	-.51193E-03	.28475E-01	.00000E+00
30	-.29592E-01	-.57579E-03	.32409E-01	.00000E+00
31	-.32566E-01	-.75346E-03	.36189E-01	.00000E+00
32	-.35956E-01	-.92320E-03	.41016E-01	-.27353E-04
33	-.32515E-01	-.12132E-02	.36254E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.13733E-01	-.45420E-03	.14962E-01	.00000E+00
36	-.26718E-01	-.63614E-03	.28931E-01	.00000E+00
37	-.29981E-01	-.70776E-03	.32368E-01	.00000E+00
38	-.33547E-01	-.87203E-03	.37642E-01	.00000E+00
39	-.36362E-01	-.12872E-02	.42297E-01	.22893E-04
40	-.36290E-01	-.14345E-02	.41999E-01	.48239E-05
41	-.36221E-01	-.14120E-02	.41720E-01	-.81501E-05
42	-.36116E-01	-.12332E-02	.41408E-01	-.21146E-04
43	-.29901E-01	-.95011E-03	.32100E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.13063E-01	.26814E-03	.13960E-01	.00000E+00
46	-.26919E-01	-.58134E-03	.28203E-01	.00000E+00
47	-.36397E-01	-.11095E-02	.42411E-01	.19382E-04
48	-.36386E-01	-.11350E-02	.42395E-01	.29939E-04
49	-.33520E-01	-.92330E-03	.37339E-01	.00000E+00
50	-.36743E-01	-.11930E-02	.42563E-01	.84774E-04
51	-.33991E-01	-.10492E-02	.36769E-01	.00000E+00
52	-.38114E-01	-.10074E-02	.40345E-01	.00000E+00
53	-.36425E-01	-.10020E-02	.42473E-01	.37767E-05
54	-.29898E-01	-.46252E-03	.30193E-01	.00000E+00
55	-.33566E-01	-.88050E-03	.33491E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.11328E-01	-.11540E-02	.10698E-01	.00000E+00
58	-.24384E-01	-.60143E-03	.20762E-01	.00000E+00
59	-.38967E-01	-.68062E-03	.38700E-01	.00000E+00
60	-.38246E-01	-.95466E-03	.39359E-01	.00000E+00
61	-.37069E-01	-.11352E-02	.42673E-01	.12980E-03
62	-.28597E-01	-.22964E-03	.25093E-01	.00000E+00
63	-.32853E-01	-.90429E-04	.29756E-01	.00000E+00
64	-.38903E-01	-.97589E-03	.40909E-01	.00000E+00
65	-.37507E-01	-.11980E-02	.42776E-01	.16089E-03
66	-.38592E-01	-.12016E-02	.42982E-01	.19495E-03
67	-.39760E-01	-.12014E-02	.43207E-01	.18557E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.60039E-02	.20536E-03	.68481E-02	.00000E+00
70	-.25979E-01	.30519E-04	.22045E-01	.00000E+00
71	-.38228E-01	.15569E-04	.34530E-01	.00000E+00
72	-.39990E-01	-.87369E-03	.41097E-01	.00000E+00
73	-.32028E-01	-.17183E-04	.26139E-01	.00000E+00
74	-.42439E-01	-.87730E-03	.42891E-01	.00000E+00
75	-.40752E-01	-.12024E-02	.43405E-01	.14086E-03
76	-.42079E-01	-.12380E-02	.43771E-01	.98075E-04
77	-.36727E-01	.27253E-03	.30800E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.10842E-01	-.29315E-03	.94249E-02	[illegible]00E+00
	-.25037E-01	.35217E-03	.20448E-01	[illegible]00E+00

[illegible]	-.27764E-01	.29123E-03	.22559E-01	[illegible]00E+00
[illegible]	-.30238E-01	.57401E-03	.25907E-01	[illegible]000E+00
83	-.32662E-01	.12496E-03	.30442E-01	.00000E+00
84	-.40553E-01	.40334E-03	.34644E-01	.00000E+00
85	-.43579E-01	-.12479E-02	.44245E-01	.78215E-04
86	-.43995E-01	-.88904E-03	.43988E-01	.00000E+00
87	-.37229E-01	.35115E-03	.30241E-01	.00000E+00
88	-.44180E-01	-.64563E-03	.41738E-01	.00000E+00
89	-.44607E-01	-.12781E-02	.44699E-01	.62054E-04
90	-.29460E-01	.18553E-03	.20972E-01	.00000E+00
91	-.31453E-01	.30097E-03	.22785E-01	.00000E+00
92	-.33584E-01	-.18078E-03	.23463E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.12984E-01	.00000E+00	.94251E-02	.00000E+00
95	-.23688E-01	.00000E+00	.16740E-01	.00000E+00
96	-.26981E-01	.00000E+00	.18868E-01	.00000E+00
97	-.28242E-01	.00000E+00	.19186E-01	.00000E+00
98	-.27980E-01	.00000E+00	.18696E-01	.00000E+00
99	-.30150E-01	-.15926E-03	.20237E-01	.00000E+00
100	-.36395E-01	-.18767E-03	.25811E-01	.00000E+00
101	-.43078E-01	-.44081E-03	.35016E-01	.00000E+00
102	-.46202E-01	-.13464E-02	.45359E-01	.56566E-04
103	-.44765E-01	-.20694E-03	.39938E-01	.00000E+00
104	-.46871E-01	-.11264E-02	.45585E-01	.00000E+00
105	-.47315E-01	-.13900E-02	.45927E-01	.49143E-04
106	-.46678E-01	-.22061E-03	.42905E-01	.00000E+00
107	-.48747E-01	-.12488E-02	.46558E-01	.00000E+00
108	-.48605E-01	-.14105E-02	.46468E-01	.47002E-04
109	-.49532E-01	-.14346E-02	.46906E-01	.39726E-04
110	-.49197E-01	-.16173E-02	.45139E-01	.00000E+00
111	-.50766E-01	-.16242E-02	.47993E-01	.00000E+00
112	-.50539E-01	-.14619E-02	.47295E-01	.35589E-04
113	-.50400E-01	-.12838E-02	.46307E-01	.00000E+00
114	-.51102E-01	-.14382E-02	.47561E-01	.13986E-04
115	-.51309E-01	-.14370E-02	.47779E-01	.46651E-05
116	-.51351E-01	-.13962E-02	.47865E-01	-.17442E-05
117	-.51088E-01	-.16977E-02	.48728E-01	.00000E+00
118	-.51302E-01	-.13883E-02	.47907E-01	-.64570E-05
119	-.51107E-01	-.13690E-02	.47944E-01	-.12756E-04
120	-.51490E-01	-.15429E-02	.48782E-01	.00000E+00
121	-.50687E-01	-.13182E-02	.47908E-01	-.24023E-04
122	-.50638E-01	-.11148E-02	.47959E-01	-.29629E-04
123	-.50563E-01	-.92151E-03	.47998E-01	-.34031E-04
124	-.50475E-01	-.69964E-03	.48037E-01	-.39085E-04
125	-.50357E-01	-.44388E-03	.48076E-01	-.45095E-04
126	-.50122E-01	.51521E-04	.48142E-01	-.52167E-04
127	-.49866E-01	.58634E-03	.48205E-01	-.53313E-04
128	-.49383E-01	.16791E-02	.48335E-01	-.43600E-04
129	-.49050E-01	.24790E-02	.48453E-01	-.26485E-04
130	-.48962E-01	.29783E-02	.48582E-01	-.10741E-04
131	-.48885E-01	.29533E-02	.48778E-01	.85158E-05
132	-.49060E-01	.24143E-02	.48952E-01	.13582E-04
133	-.49215E-01	.18571E-02	.49103E-01	.11135E-04
134	-.49312E-01	.14321E-02	.49227E-01	.85900E-05
135	-.49377E-01	.10317E-02	.49327E-01	.76490E-05
136	-.49423E-01	.74361E-03	.49400E-01	.77379E-05
137	-.49450E-01	.41469E-03	.49443E-01	.76014E-05
138	-.49468E-01	.63269E-04	.49468E-01	.80836E-05
139	-.49468E-01	.77990E-05	.49468E-01	.78194E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8800E+01

FLM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-6.02E-03	-3.62E-02	3.29E-03	-1.45E+00	-2.13E-03	1.67E+00	1.63E+00	-1.67E+00	-44.74	-6.02E-03	-1.62E+00
	-303.00	2.32E-07	-1.14E-06	6.55E-07	-1.50E-04	-4.67E-07	1.52E-04	7.47E-05	-7.56E-05			
2	72.00	-2.66E-02	-5.40E-02	3.19E-02	-1.41E+00	2.53E-03	1.45E+00	1.37E+00	-1.45E+00	-44.71	-2.66E-02	-1.41E+00
	-213.00	-5.64E-07	-1.85E-06	2.09E-06	-1.28E-04	2.30E-07	1.32E-04	6.28E-05	-6.52E-05			
3	72.00	-2.49E-01	-6.51E-02	7.22E-02	-9.59E-01	1.01E-01	1.04E+00	8.07E-01	-1.12E+00	-47.73	-2.48E-01	-9.59E-01
	-138.00	-4.38E-06	-2.14E-07	2.91E-06	-4.36E-05	4.58E-06	4.73E-05	1.96E-05	-2.42E-05			
4	24.00	-1.15E+00	-6.00E-01	-7.64E-01	-1.82E+00	3.13E-01	2.00E+00	9.64E-01	-2.71E+00	-49.26	-1.15E+00	-1.82E+00
	-68.00	-1.65E-05	4.49E-06	-1.82E-06	-1.40E-04	2.40E-05	1.54E-04	6.47E-05	-7.67E-05			
5	72.00	3.44E-01	1.81E-01	4.46E-01	-7.87E-01	-2.19E-02	8.33E-01	1.05E+00	-5.28E-01	-42.04	1.81E-01	7.87E-01
	-88.00	2.57E-06	-3.71E-06	6.48E-06	-6.05E-05	-1.69E-06	6.41E-05	2.98E-05	-3.10E-05			
6	120.00	1.80E-01	1.73E-01	2.83E-01	-1.55E+00	-8.27E-02	1.51E+00	1.72E+00	-1.37E+00	-44.94	-1.34E+00	2.75E-01
	-68.00	-6.61E-09	-3.32E-07	3.89E-06	-1.19E-04	-6.36E-06	1.16E-04	5.92E-05	-5.96E-05			
7	36.25	-4.39E-01	-1.75E-01	-1.07E-01	-8.76E-01	1.16E-01	8.40E-01	5.79E-01	-1.19E+00	-49.30	-4.09E-01	-8.80E-01
	-19.00	-8.98E-06	1.20E-06	3.82E-06	-6.74E-05	8.92E-06	6.46E-05	3.02E-05	-3.80E-05			
8	108.00	4.69E-02	9.27E-02	1.64E-01	-6.85E-01	-1.15E-03	7.42E-01	7.55E-01	-6.16E-01	-45.96	4.69E-02	-6.85E-01
	-19.00	-1.53E-06	2.26E-07	2.99E-06	-5.27E-05	-8.64E-08	5.71E-05	2.57E-05	-2.70E-05			
9	216.00	-6.82E-02	-8.82E-02	-3.52E-02	-1.66E+00	1.44E-02	1.71E+00	1.58E+00	-1.74E+00	-44.83	-6.82E-02	-1.66E+00
	-303.00	-6.10E-07	-1.52E-06	8.88E-07	-1.51E-04	1.31E-06	1.55E-04	7.43E-05	-7.64E-05			
10	216.00	-1.13E-01	-9.22E-02	4.47E-03	-1.45E+00	4.73E-02	1.51E+00	1.35E+00	-1.55E+00	-45.21	-1.13E-01	-1.45E+00
	-213.00	-2.53E-06	-1.58E-06	2.81E-06	-1.32E-04	4.30E-06	1.38E-04	6.38E-05	-6.79E-05			
11	216.00	-2.31E-01	-7.74E-02	1.46E-01	-1.14E+00	1.48E-01	1.21E+00	9.84E-01	-1.29E+00	-46.93	-2.31E-01	-1.14E+00
	-138.00	-4.40E-06	-9.09E-07	4.17E-06	-5.16E-05	6.72E-06	5.52E-05	2.32E-05	-2.85E-05			
12	168.00	-5.04E-01	-4.02E-01	-2.61E-01	-1.75E+00	2.63E-01	1.82E+00	1.30E+00	-2.20E+00	-45.83	-5.04E-01	-1.75E+00
	-68.00	-6.55E-06	-2.64E-06	2.78E-06	-1.35E-04	2.02E-05	1.40E-04	6.27E-05	-7.19E-05			
13	216.00	4.66E-01	1.75E-01	5.05E-01	-7.02E-01	2.83E-02	7.20E-01	1.04E+00	-3.96E-01	-39.14	1.75E-01	7.02E-01
	-88.00	5.34E-06	-5.87E-06	6.83E-06	-5.40E-05	2.18E-06	5.54E-05	2.73E-05	-2.78E-05			
14	264.00	-4.32E-03	1.52E-01	2.63E-01	-1.50E+00	-2.40E-02	1.53E+00	1.58E+00	-1.43E+00	-46.49	-1.39E+00	3.48E-01
	-68.00	-4.68E-06	1.34E-06	5.59E-06	-1.16E-04	-1.85E-06	1.18E-04	5.62E-05	-5.95E-05			
15	180.00	-1.82E-01	-3.61E-02	8.08E-02	-7.61E-01	1.78E-01	7.41E-01	6.56E-01	-8.74E-01	-47.73	-1.82E-01	-7.61E-01
	-19.00	-5.49E-06	1.19E-07	4.62E-06	-5.86E-05	1.37E-05	5.70E-05	2.67E-05	-3.21E-05			
16	252.00	-8.67E-02	6.58E-02	2.09E-01	-6.49E-01	6.96E-02	7.77E-01	6.43E-01	-6.64E-01	-48.35	-8.67E-02	-6.49E-01
	-19.00	-5.40E-06	4.65E-07	5.97E-06	-4.99E-05	5.35E-06	5.98E-05	2.27E-05	-2.76E-05			
17	361.00	-8.21E-02	-1.25E-01	-4.61E-02	-1.68E+00	1.04E-02	1.78E+00	1.58E+00	-1.78E+00	-44.64	-8.21E-02	-1.68E+00
	-303.00	-4.49E-07	-2.38E-06	1.19E-06	-1.53E-04	9.42E-07	1.62E-04	7.50E-05	-7.78E-05			
18	361.00	-1.36E-01	-1.14E-01	7.30E-03	-1.52E+00	4.30E-02	1.62E+00	1.40E+00	-1.65E+00	-45.20	-1.36E-01	-1.52E+00
	-213.00	-3.01E-06	-2.04E-06	3.48E-06	-1.38E-04	3.91E-06	1.47E-04	6.66E-05	-7.17E-05			
19	361.00	-2.60E-01	-8.53E-02	1.98E-01	-1.19E+00	1.57E-01	1.37E+00	1.02E+00	-1.37E+00	-47.09	-2.60E-01	-1.19E+00
	-138.00	-5.13E-06	-1.17E-06	5.27E-06	-5.43E-05	7.15E-06	6.21E-05	2.41E-05	-3.04E-05			
20	312.00	-8.78E-01	-5.97E-01	-4.18E-01	-1.96E+00	4.53E-01	2.20E+00	1.22E+00	-2.70E+00	-47.05	-8.78E-01	-1.96E+00
	-68.00	-1.30E-05	-2.16E-06	4.73E-06	-1.51E-04	3.48E-05	1.70E-04	6.79E-05	-8.30E-05			
21	360.67	7.57E-01	3.90E-01	7.43E-01	-8.99E-01	-1.23E-02	1.05E+00	1.49E+00	-3.44E-01	-39.24	3.90E-01	8.99E-01
	-88.00	8.34E-06	-5.76E-06	7.81E-06	-6.91E-05	-9.43E-07	8.11E-05	3.66E-05	-3.40E-05			
22	409.33	-4.21E-01	-5.84E-01	-1.52E-01	-1.87E+00	1.65E-02	2.34E+00	1.37E+00	-2.37E+00	-43.75	-2.35E+00	3.07E-01
	-68.00	-3.49E-06	-9.75E-06	6.88E-06	-1.44E-04	1.27E-06	1.80E-04	6.53E-05	-7.85E-05			
23	324.00	-3.52E-01	-6.38E-02	1.15E-01	-7.69E-01	3.18E-01	7.79E-01	5.74E-01	-9.90E-01	-50.32	-3.52E-01	-7.69E-01
	-19.00	-1.02E-05	8.55E-07	7.74E-06	-5.91E-05	2.44E-05	5.99E-05	2.54E-05	-3.48E-05			
24	372.00	-2.04E-01	1.43E-01	2.96E-01	-2.07E+00	2.99E-01	2.21E+00	2.05E+00	-2.11E+00	-47.40	-2.04E-01	-2.07E+00
	-9.33	-1.04E-05	2.91E-06	8.81E-06	-1.59E-04	2.30E-05	1.70E-04	7.61E-05	-8.36E-05			
25	401.25	-8.64E-02	2.05E-02	3.29E-01	-6.74E-01	1.06E-01	8.98E-01	6.48E-01	-7.04E-01	-47.46	5.49E-01	-3.51E-01
	-19.00	-6.32E-06	-1.86E-06	9.68E-06	-5.18E-05	8.16E-06	6.91E-05	2.19E-05	-3.01E-05			
26	427.67	-8.87E-01	-7.53E-01	-3.48E-01	-2.29E+00	4.03E-01	3.10E+00	1.47E+00	-3.11E+00	-45.83	-2.23E+00	-1.81E+00
	-9.33	-1.23E-05	-7.13E-06	8.47E-06	-1.76E-04	3.10E-05	2.39E-04	7.85E-05	-9.79E-05			
27	457.00	-9.09E-02	-1.91E-01	-7.36E-02	-1.70E+00	-4.28E-03	1.83E+00	1.56E+00	-1.84E+00	-44.16	-9.09E-02	-1.70E+00
	-303.00	4.89E-07	-4.07E-06	1.28E-06	-1.55E-04	-3.89E-07	1.66E-04	7.56E-05	-7.92E-05			
28	457.00	-1.20E-01	-1.11E-01	1.88E-02	-1.60E+00	2.45E-02	1.70E+00	1.49E+00	-1.72E+00	-45.07	-1.20E-01	-1.60E+00
	-213.00	-2.68E-06	-2.30E-06	3.61E-06	-1.46E-04	2.23E-06	1.54E-04	7.03E-05	-7.53E-05			
29	457.00	-4.36E-01	-1.60E-01	1.17E-01	-1.24E+00	-1.47E-02	1.38E+00	9.50E-01	-1.55E+00	-48.17	-4.36E-01	-1.24E+00
	-138.00	[illegible].40E-06	-1.13E-06	5.18E-06	-5.64E-05	-6.68E-07	6.28E-05	2.41E-05	-3.26E-05			
30	442.0[illegible]	[illegible]63E-01	-8.49E-01	-2.[illegible]36E-01	-2.17E+00	-4.76E-02	[illegible]E+00	1.58E+00	-2.79E+00	-41.81	-3.63E-01	-2.17E[illegible]
	-68.[illegible]	[illegible].12E-06	-1.65E-05	6.37E-06	-1.67E-04	-3.66E-06	[illegible]-04	7.68E-05	-9.12E-05			
31	457	2.59E+00	1.77E+00	1.73E+00	-7.64E-01	-1.19E+00	[illegible]E+00	2.94E+00	9.16E-01	-24.54	1.27E+00	7.[illegible]

	-88.00	[illegible]	-1.27E-05	5.22E-06	-5.67E-05	-9.15E-05	[illegible]	[illegible]	5.16E-05	-2.61E-05				
32	472.67	[illegible]	-3.26E+00	-2.77E+00	-1.89E+00	7.55E-01	3.[illegible]0		-1.75E+00	-5.63E+00	-51.39	-5.24E+00	-1.17E+00	
	-68.00	-4.69E-05	-1.39E-05	5.05E-06	-1.46E-04	5.81E-05	2.42E-04		4.42E-05	-1.05E-04				
33	443.00	-3.68E-01	-2.46E-01	1.19E-01	-1.10E+00	1.50E-01	1.20E+00		7.93E-01	-1.41E+00	-46.59	-3.68E-01	-1.10E+00	
	-10.50	-8.71E-06	-4.02E-06	1.00E-05	-8.45E-05	1.15E-05	9.22E-05		3.60E-05	-4.87E-05				
34	454.00	-3.30E+00	-2.39E+00	-1.98E+00	-2.86E+00	8.77E-01	3.91E+00		4.94E-02	-5.75E+00	-49.51	-4.43E+00	-2.42E+00	
	-11.33	-4.27E-05	-7.73E-06	8.24E-06	-2.20E-04	6.75E-05	3.01E-04		8.62E-05	-1.37E-04				
35	461.67	-6.67E-01	-8.01E-01	-2.92E-01	-2.72E+00	2.24E-01	4.05E+00		1.99E+00	-3.45E+00	-44.29	-6.67E-01	-2.72E+00	
	-12.00	-6.31E-06	-1.15E-05	8.10E-06	-2.09E-04	1.72E-05	3.11E-04		9.57E-05	-1.14E-04				
36	465.00	2.05E+00	8.40E-01	1.47E+00	-2.55E-01	-1.05E+00	1.60E+00		2.10E+00	7.88E-01	-11.44	8.40E-01	2.55E-01	
	-30.00	3.08E-05	-1.56E-05	8.73E-06	-1.96E-05	-8.05E-05	1.23E-04		3.28E-05	-1.76E-05				
37	476.33	-1.41E+00	-1.91E+00	-1.01E+00	-1.94E+00	2.41E-01	3.31E+00		2.02E-01	-3.51E+00	-41.14	-2.15E+00	-1.79E+00	
	-12.00	-6.56E-06	-2.58E-05	8.60E-06	-1.42E-04	1.85E-05	2.55E-04		5.53E-05	-8.77E-05				
38	558.50	1.37E-01	6.75E-02	1.11E-01	-1.61E+00	-4.56E-02	1.77E+00		1.71E+00	-1.51E+00	-44.38	1.37E-01	-1.61E+00	
	-303.00	2.13E-06	-1.03E-06	9.52E-07	-1.47E-04	-4.14E-06	1.61E-04		7.35E-05	-7.28E-05				
39	558.50	-1.87E-02	-1.65E-01	3.94E-03	-1.61E+00	-8.83E-02	1.73E+00		1.52E+00	-1.70E+00	-43.70	-1.87E-02	-1.61E+00	
	-213.00	1.49E-06	-5.17E-06	2.52E-06	-1.46E-04	-8.02E-06	1.57E-04		7.14E-05	-7.51E-05				
40	506.17	-2.92E-02	-4.09E-01	1.19E-01	-3.63E+00	-1.71E-01	3.71E+00		3.41E+00	-3.85E+00	-43.50	-2.92E-02	-3.63E+00	
	-128.00	1.01E-06	-7.62E-06	4.37E-06	-1.65E-04	-7.79E-06	1.69E-04		7.93E-05	-8.59E-05				
41	558.50	9.53E-01	-2.85E-01	3.32E-01	-1.53E+00	-8.01E-01	2.16E+00		1.99E+00	-1.32E+00	-33.99	-2.85E-01	1.53E+00	
	-148.00	1.64E-05	-1.17E-05	2.30E-06	-6.96E-05	-3.64E-05	9.83E-05		3.99E-05	-3.52E-05				
42	610.83	-1.64E-01	-4.82E-01	-7.38E-02	-3.14E+00	-5.81E-01	2.91E+00		2.82E+00	-3.47E+00	-43.55	-3.40E+00	6.71E-01	
	-128.00	4.69E-08	-7.19E-06	2.10E-06	-1.43E-04	-2.64E-05	1.32E-04		6.79E-05	-7.50E-05				
43	501.38	2.76E-01	1.31E-01	3.90E-01	-8.20E-01	-2.76E-01	1.05E+00		1.03E+00	-6.20E-01	-42.47	2.76E-01	-8.20E-01	
	-78.00	1.86E-06	-3.72E-06	6.23E-06	-6.31E-05	-2.12E-05	8.04E-05		3.07E-05	-3.26E-05				
44	534.67	-4.49E-01	-3.52E-01	-1.71E-01	-2.58E+00	-1.57E-01	3.18E+00		2.18E+00	-2.98E+00	-45.54	-2.93E+00	4.96E-01	
	-68.00	-6.60E-06	-2.86E-06	4.11E-06	-1.98E-04	-1.21E-05	2.45E-04		9.45E-05	-1.04E-04				
45	584.67	5.07E-01	3.10E-01	4.64E-01	-2.54E+00	-5.92E-01	2.35E+00		2.95E+00	-2.13E+00	-43.89	5.07E-01	-2.54E+00	
	-68.00	5.42E-06	-2.14E-06	3.76E-06	-1.95E-04	-4.55E-05	1.80E-04		9.93E-05	-9.61E-05				
46	610.83	2.53E+00	7.39E-01	1.33E+00	-1.36E+00	-1.18E+00	1.85E+00		3.26E+00	6.69E-03	-28.32	7.39E-01	1.36E+00	
	-88.00	4.68E-05	-2.21E-05	4.84E-07	-1.05E-04	-9.11E-05	1.42E-04		7.50E-05	-5.02E-05				
47	482.63	1.71E-01	2.60E-02	4.53E-01	-5.97E-01	-3.09E-01	1.19E+00		7.00E-01	-5.03E-01	-41.54	1.71E-01	-5.97E-01	
	-21.00	-5.72E-07	-6.14E-06	1.03E-05	-4.59E-05	-2.38E-05	9.17E-05		1.98E-05	-2.65E-05				
48	485.83	-4.53E-01	-6.82E-01	-1.68E-01	-1.76E+00	-4.19E-02	3.68E+00		1.19E+00	-2.33E+00	-43.13	-6.81E-01	-1.76E+00	
	-12.00	-3.10E-06	-1.19E-05	7.86E-06	-1.35E-04	-3.22E-06	2.83E-04		6.02E-05	-7.53E-05				
49	507.38	5.18E-02	1.78E-01	4.26E-01	-6.55E-01	-1.68E-01	1.30E+00		7.73E-01	-5.43E-01	-47.76	5.18E-02	-6.55E-01	
	-21.00	-5.22E-06	-3.55E-07	9.18E-06	-5.04E-05	-1.30E-05	9.97E-05		2.25E-05	-2.81E-05				
50	538.67	-4.33E-01	-1.05E-01	-2.73E-02	-2.32E+00	-8.13E-01	2.81E+00		2.06E+00	-2.59E+00	-47.02	-2.56E+00	3.87E-01	
	-10.00	-1.04E-05	2.18E-06	5.16E-06	-1.78E-04	-6.25E-05	2.16E-04		8.52E-05	-9.35E-05				
51	484.67	7.88E+00	5.48E+00	5.80E+00	1.73E-01	-6.03E-01	3.93E-01		7.89E+00	5.47E+00	4.12	5.48E+00	-1.73E-01	
	8.00	9.25E-05	3.40E-07	1.24E-05	1.33E-05	-4.64E-05	3.02E-05		9.30E-05	-1.39E-07				
52	507.00	-2.00E+00	-2.40E+00	-1.40E+00	-1.34E+00	-3.69E-01	-9.91E-01		-8.42E-01	-3.56E+00	-40.76	-3.27E+00	-8.36E-01	
	0.00	-1.32E-05	-2.86E-05	9.92E-06	-1.03E-04	-2.84E-05	-7.62E-05		3.14E-05	-7.32E-05				
53	603.00	-4.99E-02	7.31E-02	6.28E-02	-9.96E-01	-3.80E-01	9.27E-01		1.01E+00	-9.86E-01	-46.77	5.85E-01	-8.17E-01	
	-18.00	-2.86E-06	1.87E-06	1.47E-06	-7.66E-05	-2.92E-05	7.13E-05		3.79E-05	-3.85E-05				
54	712.00	1.69E-01	-6.61E-02	4.42E-02	-1.54E+00	-1.21E-01	1.51E+00		1.60E+00	-1.50E+00	-42.82	1.69E-01	-1.54E+00	
	-303.00	5.79E-06	-4.92E-06	9.39E-08	-1.40E-04	-1.10E-05	1.37E-04		7.08E-05	-6.99E-05				
55	712.00	8.59E-01	5.22E-01	5.30E-01	-1.70E+00	-3.84E-01	1.49E+00		2.40E+00	-1.02E+00	-42.17	8.59E-01	-1.70E+00	
	-213.00	1.42E-05	-1.09E-06	-7.27E-07	-1.55E-04	-3.49E-05	1.36E-04		8.43E-05	-7.11E-05				
56	712.00	1.03E+00	6.09E-01	3.80E-01	-1.31E+00	-8.77E-01	1.17E+00		2.15E+00	-5.08E-01	-40.46	1.03E+00	-1.31E+00	
	-138.00	1.28E-05	3.26E-06	-1.95E-06	-5.95E-05	-3.99E-05	5.33E-05		3.82E-05	-2.21E-05				
57	712.00	2.86E-01	5.05E-02	5.20E-02	-8.14E-01	-3.54E-01	8.70E-01		9.91E-01	-6.54E-01	-40.89	2.86E-01	-8.14E-01	
	-78.00	6.71E-06	-2.33E-06	-2.24E-06	-6.26E-05	-2.72E-05	6.69E-05		3.38E-05	-2.94E-05				
58	712.00	3.80E-01	3.20E-01	1.80E-01	-1.10E+00	-3.10E-01	1.09E+00		1.45E+00	-7.53E-01	-44.23	3.80E-01	-1.10E+00	
	-18.00	4.84E-06	2.55E-06	-2.51E-06	-8.46E-05	-2.38E-05	8.38E-05		4.61E-05	-3.87E-05				
59	937.00	4.42E+00	2.48E+00	2.76E+00	-1.30E+00	-7.85E-01	1.31E+00		5.07E+00	1.83E+00	-26.61	2.48E+00	1.30E+00	
	-318.00	7.55E-05	-1.28E-05	.00E+00	-1.18E-04	-7.13E-05	1.19E-04		1.05E-04	-4.24E-05				
60	887.00	6.59E-01	1.37E-01	3.18E-01	-3.49E+00	-2.82E-01	2.98E+00		3.89E+00	-3.10E+00	-42.86	-2.80E+00	1.41E+00	
	-288.00	1.55E-05	-8.26E-06	.00E+00	-3.17E-04	-2.57E-05	2.71E-04		1.63E-04	-1.55E-04				
61	987.00	-7.51E-01	-4.52E-01	-4.81E-01	-3.56E+00	1.89E-01	2.93E+00		2.96E+00	-4.17E+00	-46.20	-7.51E-01	-3.56E+00	
	-288.00	-1.23E-05	1.32E-06	.00E+00	-3.24E-04	1.72E-05	2.57E-04		1.57E-04	-1.68E-04				
62	1037.00	4.48E+00	2.75E+00	2.85E+00	-2.63E+00	-6.91E-01	2.30E+00		6.39E+00	8.50E-01	-35.88	2.75E+00	2.63E+00	
	-318.00	7.23E-05	-5.49E-06	.00E+00	-2.39E-04	-6.28E-05	2.05E-04		1.55E-04	-9.29E-05				
63	862.00	1.21E-01	1.13E-01	1.31E-03	-1.76E+00	-6.12E-02	1.55E+00		1.88E+00	-1.65E+00	-44.94	1.21E-01	-1.76E+00	

	-213.00	2.43E-06	2.10E-06	-3.00E-06	-1.60E-04	-5.56E-06	1.41E-04	8.24E-05	-7.78E-05					
64	1012.00	-2.14E-01	-9.08E-02	-2.14E-01	-1.91E+00	6.88E-02	1.60E+00	1.76E+00	-2.06E+00	-45.92	-2.14E-01	-1.91E+00		
	-213.00	-2.99E-06	2.61E-06	-2.39E-06	-1.74E-04	6.25E-06	1.46E-04	8.67E-05	-8.71E-05					
65	837.00	-2.43E-01	1.93E-01	-2.83E-01	-1.32E+00	3.24E-02	1.59E+00	1.32E+00	-1.36E+00	-49.74	1.98E-01	1.32E+00		
	-148.00	-3.81E-06	6.21E-06	-4.70E-06	-6.01E-05	1.47E-06	7.21E-05	3.16E-05	-2.92E-05					
66	937.00	1.61E-01	1.48E-01	-1.48E-01	-2.37E+00	-9.34E-02	1.06E+00	2.53E+00	-2.22E+00	-44.92	-1.49E+00	1.71E+00		
	-128.00	2.91E-06	2.51E-06	-4.20E-06	-1.08E-04	-4.25E-06	8.91E-05	5.66E-05	-5.12E-05					
67	1037.00	2.08E+00	5.51E-01	5.37E-01	-2.25E+00	-6.81E-01	2.13E+00	3.69E+00	-1.06E+00	-35.61	5.51E-01	2.25E+00		
	-148.00	3.07E-06	-4.09E-06	-4.43E-06	-1.02E-04	-3.09E-05	5.67E-05	6.73E-05	-4.07E-05					
68	837.00	6.34E-01	7.02E-01	3.82E-01	-2.58E+00	-2.59E-01	2.25E+00	3.25E+00	-1.91E+00	-45.38	6.34E-01	-2.58E+00		
	-68.00	5.50E-06	8.12E-06	-4.19E-06	-1.99E-04	-1.99E-05	1.73E-04	1.06E-04	-9.25E-05					
69	937.00	7.31E-01	-5.11E-02	7.00E-02	-1.32E+00	-3.03E-01	1.16E+00	1.71E+00	-1.03E+00	-36.74	-5.11E-02	1.32E+00		
	-88.00	1.99E-05	-1.02E-05	-5.54E-06	-1.01E-04	-2.32E-05	8.91E-05	5.77E-05	-4.80E-05					
70	1037.00	2.71E-01	6.49E-02	-4.78E-02	-2.25E+00	4.50E-02	2.22E+00	2.42E+00	-2.09E+00	-43.69	-1.46E+00	1.56E+00		
	-68.00	7.27E-06	-6.76E-07	-5.01E-06	-1.73E-04	3.46E-06	1.71E-04	9.01E-05	-8.35E-05					
71	862.00	4.96E-01	3.80E-01	1.54E-01	-1.08E+00	-2.48E-01	1.02E+00	1.52E+00	-6.41E-01	-43.46	4.96E-01	-1.08E+00		
	-18.00	7.75E-06	3.30E-06	-5.40E-06	-8.28E-05	-1.91E-05	7.86E-05	4.70E-05	-3.60E-05					
72	1012.00	-1.20E-01	-1.55E-01	-3.24E-01	-1.16E+00	4.39E-02	9.75E-01	1.02E+00	-1.30E+00	-44.57	-1.20E-01	-1.16E+00		
	-18.00	1.97E-06	6.21E-07	-5.88E-06	-8.93E-05	3.37E-06	7.50E-05	4.60E-05	-4.34E-05					
73	1387.00	-2.29E-01	-2.25E-01	-2.09E-01	-1.45E+00	9.87E-03	1.15E+00	1.23E+00	-1.60E+00	-45.04	-2.29E-01	-1.45E+00		
	-303.00	-1.78E-06	-1.62E-06	-8.97E-07	-1.32E-04	8.97E-07	1.05E-04	6.44E-05	-6.78E-05					
74	1387.00	-1.69E-02	7.64E-02	-6.79E-02	-1.52E+00	-1.25E-03	1.12E+00	1.55E+00	-1.49E+00	-45.88	-1.69E-02	-1.52E+00		
	-213.00	-6.58E-07	3.58E-06	-2.98E-06	-1.38E-04	-1.14E-07	1.02E-04	7.07E-05	-6.78E-05					
75	1387.00	-9.42E-04	-6.49E-02	-2.76E-01	-1.12E+00	-3.71E-02	7.74E-01	1.08E+00	-1.15E+00	-44.18	-9.42E-04	-1.12E+00		
	-138.00	1.77E-06	3.17E-07	-4.48E-06	-5.07E-05	-1.69E-06	3.52E-05	2.64E-05	-2.43E-05					
76	1187.00	2.80E-01	2.14E-01	3.85E-02	-1.77E+00	-1.61E-01	1.08E+00	2.01E+00	-1.52E+00	-44.46	2.80E-01	-1.77E+00		
	-68.00	4.92E-06	2.38E-06	-4.38E-06	-1.36E-04	-1.24E-05	8.31E-05	7.16E-05	-6.43E-05					
77	1387.00	4.34E-01	3.68E-01	1.08E-01	-8.26E-01	-1.27E-01	6.51E-01	1.23E+00	-4.26E-01	-43.84	3.68E-01	8.26E-01		
	-88.00	6.71E-06	4.14E-06	-5.85E-06	-6.35E-05	-9.79E-06	5.01E-05	3.72E-05	-2.64E-05					
78	1587.00	1.94E-01	1.61E-01	-4.41E-02	-1.09E+00	-6.57E-03	5.72E-01	1.27E+00	-9.13E-01	-44.56	-2.58E-01	1.00E+00		
	-68.00	4.06E-06	2.76E-06	-5.11E-06	-8.39E-05	-5.05E-07	4.40E-05	4.54E-05	-3.85E-05					
79	1237.00	5.95E-01	2.64E-01	1.25E-01	-9.07E-01	-2.04E-01	6.23E-01	1.35E+00	-4.93E-01	-39.82	5.95E-01	-9.07E-01		
	-18.00	1.21E-05	-6.70E-07	-6.01E-06	-6.98E-05	-1.57E-05	4.79E-05	4.12E-05	-2.98E-05					
80	1432.80	3.65E-01	1.01E-01	-3.15E-02	-1.06E+00	-1.12E-01	4.73E-01	1.30E+00	-8.31E-01	-41.43	3.65E-01	-1.06E+00		
	-8.00	9.28E-06	-8.99E-07	-5.99E-06	-8.12E-05	-8.60E-06	3.64E-05	4.51E-05	-3.67E-05					
81	1533.80	6.11E-01	1.29E-01	8.10E-02	-5.98E-01	-1.15E-01	3.11E-01	1.01E+00	-2.75E-01	-34.01	1.29E-01	5.98E-01		
	-28.00	1.45E-05	-4.07E-06	-5.90E-06	-4.60E-05	-8.83E-06	2.39E-05	3.00E-05	-1.96E-05					
82	1633.80	6.83E-01	2.44E-01	1.69E-01	-2.44E-01	-3.71E-02	1.02E-01	7.92E-01	1.36E-01	-24.01	1.38E-01	3.90E-02		
	-8.00	1.42E-05	-2.65E-06	-5.54E-06	-1.88E-05	-2.86E-06	7.82E-06	1.84E-05	-6.84E-06					
83	1433.80	2.46E+00	1.07E+00	1.16E+00	-6.75E-01	-5.88E-01	3.29E-01	2.73E+00	8.00E-01	-22.13	1.07E+00	6.75E-01		
	27.60	4.30E-05	-1.03E-05	-6.91E-06	-5.19E-05	-4.52E-05	2.53E-05	5.36E-05	-2.09E-05					
84	1296.10	8.79E-01	1.32E-01	1.46E-01	-7.10E-01	-2.59E-01	3.47E-01	1.31E+00	-2.97E-01	-31.12	5.66E-01	8.00E-01		
	40.70	2.11E-05	-7.64E-06	-7.10E-06	-5.46E-05	-1.99E-05	2.67E-05	3.76E-05	-2.41E-05					
85	1148.60	3.91E-01	-1.95E-01	-1.42E-01	-9.97E-01	-3.11E-01	4.38E-01	1.14E+00	-9.41E-01	-36.81	-7.83E-01	-5.50E-01		
	57.33	1.44E-05	-8.09E-06	-6.05E-06	-7.67E-05	-2.39E-05	3.37E-05	4.31E-05	-3.68E-05					
86	1131.40	3.12E+00	1.53E+00	1.52E+00	-3.84E-01	-1.07E+00	7.96E-02	3.20E+00	1.44E+00	-12.94	1.53E+00	3.84E-01		
	112.00	9.21E-05	-8.86E-06	-9.35E-06	-2.96E-05	-8.26E-05	6.12E-06	5.55E-05	-1.23E-05					
87	1015.80	8.39E-01	5.18E-01	3.19E-01	-1.01E+00	-3.62E-01	1.34E+00	1.74E+00	-3.22E-01	-39.68	5.18E-01	1.01E+00		
	34.67	1.55E-05	8.54E-07	-6.81E-06	-7.79E-05	-2.79E-05	1.03E-04	4.78E-05	-3.14E-05					
88	886.60	4.64E-01	2.47E-01	7.97E-02	-8.58E-01	-1.86E-01	9.07E-01	1.22E+00	-5.09E-01	-41.40	4.64E-01	-8.58E-01		
	46.00	9.15E-06	8.18E-07	-5.63E-06	-6.60E-05	-1.43E-05	6.98E-05	3.82E-05	-2.83E-05					
89	869.80	1.92E+00	8.57E-01	8.55E-01	-5.08E-01	-6.15E-01	3.99E-01	2.12E+00	6.54E-01	-21.84	8.57E-01	5.08E-01		
	96.00	3.39E-05	-6.95E-06	-7.02E-06	-3.90E-05	-4.73E-05	3.07E-05	4.18E-05	-1.48E-05					
90	952.60	3.96E-01	-8.93E-01	-4.32E-01	-1.21E+00	-3.48E-01	8.93E-01	1.12E+00	-1.62E+00	-30.94	-1.30E+00	8.79E-01		
	128.00	2.54E-05	-2.41E-05	-6.41E-06	-9.27E-05	-2.68E-05	6.87E-05	5.32E-05	-5.19E-05					
91	869.80	5.59E-01	4.06E-02	3.78E-02	-5.91E-01	-3.41E-01	2.77E-01	9.45E-01	-3.45E-01	-33.16	5.59E-01	-5.91E-01		
	160.00	1.45E-05	-5.44E-06	-5.55E-06	-4.54E-05	-2.62E-05	2.13E-05	2.93E-05	-2.03E-05					
92	869.80	2.82E+00	9.91E-01	1.19E+00	-3.57E-01	-1.24E+00	3.57E-01	2.89E+00	9.24E-01	-10.64	9.91E-01	3.57E-01		
	203.60	5.36E-05	-1.69E-05	-9.27E-06	-2.75E-05	-9.50E-05	2.75E-05	5.62E-05	-1.94E-05					
93	508.67	-2.41E-01	1.24E-01	-6.33E-02	-1.72E+00	-8.34E-01	1.90E+00	1.67E+00	-1.79E+00	-48.03	1.24E-01	1.72E+00		
	16.00	-7.30E-06	6.75E-06	-4.46E-07	-1.32E-04	-6.42E-05	1.46E-04	6.63E-05	-6.69E-05					
94	645.7[illegible]	[illegible]2.65E-01	2.39E-01	1.68E-01	-1.11E+00	-3.44E-01	[illegible]51E-01	1.36E+00	-8.56E-01	-44.66	2.65E-01	-1.11E+00		
	24.0[illegible]	[illegible].82E-06	1.60E-06	-9.32E-07	-8.52E-05	-2.64E-05	[illegible]E-05	4.45E-05	-4.03E-05					
95	613[illegible]	[illegible].33E-01	4.50E-01	3.00E-01	-1.94E+00	-3.00E-01	[illegible]E-01	2.26E+00	-1.60E+00	-46.60	2.33E-01	-1.9[illegible]		

	60.	[illegible]3E-04	4.51E-06	7.36E-07	-1.49E-04	-2.31E-05	[illegible]05	7.70E-05	-7.24E-05					
96	708.45	[illegible]7E-01	1.49E-01	1.43E-01	-8.84E-01	-3.51E-01	7[illegible]01	1.24E+00	-5.62E-01	-39.60	7.10E-01	8.20E-[illegible]
	55.00	[illegible]5E-05	-2.49E-06	-3.50E-06	-6.80E-05	-2.70E-05	5.[illegible]05	3.86E-05	-3.06E-05					
97	613.10	1.33E+00	4.09E-01	6.30E-01	-6.54E-01	-1.02E+00	4.46E-01	1.72E+00	2.20E-01	-30.46	6.05E-01	6.54E-01
	96.00	2.30E-05	-4.95E-06	-3.98E-06	-5.03E-05	-7.68E-05	3.43E-05	3.78E-05	-1.97E-05					
98	682.27	5.23E-01	2.18E-01	1.66E-01	-1.28E+00	-3.07E-01	8.66E-01	1.66E+00	-9.20E-01	-41.61	-7.21E-01	6.89E-01
	112.00	1.01E-05	-1.59E-06	-3.58E-06	-9.86E-05	-2.36E-05	6.66E-05	5.39E-05	-4.54E-05					
99	751.43	1.90E+00	-1.29E-01	5.05E-01	-1.32E+00	-9.12E-01	1.70E+00	2.55E+00	-7.79E-01	-26.22	-1.29E-01	1.32E+00
	96.00	4.81E-05	-3.00E-05	-5.62E-06	-1.02E-04	-7.02E-05	1.31E-04	7.32E-05	-5.50E-05					
100	683.25	4.91E-01	1.83E-01	1.05E-01	-4.52E-01	-2.34E-01	5.47E-01	8.08E-01	-1.44E-01	-35.87	4.81E-01	-4.52E-01
	152.00	1.01E-05	-1.42E-06	-4.42E-06	-3.48E-05	-1.80E-05	4.21E-05	2.26E-05	-1.40E-05					
101	648.67	2.38E+00	1.15E+00	1.20E+00	-3.30E-01	-7.01E-01	3.93E-01	2.47E+00	1.07E+00	-14.06	1.15E+00	3.30E-01
	192.00	3.97E-05	-7.82E-06	-5.82E-06	-2.54E-05	-5.39E-05	3.02E-05	4.28E-05	-1.10E-05					
102	725.25	4.12E-01	-1.62E-01	-8.45E-02	-4.49E-01	-1.77E-01	3.87E-01	6.58E-01	-4.08E-01	-28.72	1.19E-01	5.33E-01
	232.70	1.40E-05	-8.04E-06	-5.07E-06	-3.46E-05	-1.36E-05	2.98E-05	2.35E-05	-1.75E-05					
103	635.50	3.23E-01	3.32E-01	1.03E-01	-4.42E-02	-1.31E-01	-2.52E-02	3.72E-01	2.83E-01	-47.95	3.23E-01	-4.42E-02
	256.00	4.09E-06	4.44E-06	-4.36E-06	-3.40E-06	-1.00E-05	-1.94E-06	5.98E-06	2.56E-06					
104	635.50	9.44E-01	6.30E-01	3.95E-01	-1.09E-02	-4.82E-01	3.89E-02	9.44E-01	6.29E-01	-1.99	6.30E-01	1.09E-02
	290.67	1.47E-05	2.50E-06	-6.44E-06	-8.41E-07	-3.71E-05	2.99E-06	1.47E-05	2.57E-06					
105	560.00	-2.46E-01	1.47E-01	6.37E-02	-1.78E+00	-5.14E-01	1.63E+00	1.74E+00	-1.84E+00	-48.16	-2.46E-01	-1.78E+00
	16.50	-9.09E-06	6.06E-06	2.84E-06	-1.37E-04	-3.95E-05	1.25E-04	6.73E-05	-7.03E-05					
106	508.50	-3.75E+00	-2.46E+00	-2.32E+00	-1.32E+00	-1.23E+00	5.01E-01	-1.64E+00	-4.57E+00	-58.09	-2.46E+00	1.32E+00
	13.00	-5.05E-05	-7.61E-07	4.39E-06	-1.01E-04	-9.46E-05	3.85E-05	3.08E-05	-8.20E-05					
107	521.00	-9.73E-01	-4.11E-01	-2.90E-01	-1.75E+00	-4.40E-01	9.26E-01	1.08E+00	-2.47E+00	-49.55	-9.73E-01	-1.75E+00
	15.75	-1.90E-05	2.58E-06	7.25E-06	-1.35E-04	-3.38E-05	7.13E-05	6.01E-05	-7.65E-05					
108	526.25	-8.27E-01	-3.29E-01	-2.42E-01	-1.94E+00	-3.66E-01	9.56E-01	1.37E+00	-2.53E+00	-48.67	-8.27E-01	-1.94E+00
	21.00	-1.65E-05	2.71E-06	6.07E-06	-1.49E-04	-2.82E-05	7.36E-05	6.82E-05	-8.20E-05					
109	515.50	-2.35E+00	-1.52E+00	-1.47E+00	-2.40E+00	-8.24E-01	5.08E-01	4.97E-01	-4.37E+00	-49.85	-1.52E+00	2.40E+00
	26.00	-3.15E-05	3.22E-08	2.15E-06	-1.84E-04	-6.34E-05	3.91E-05	7.78E-05	-1.09E-04					
110	531.50	-2.97E-01	-1.43E-01	-4.49E-02	-1.57E+00	-2.49E-01	8.07E-01	1.35E+00	-1.79E+00	-46.41	-2.97E-01	-1.57E+00
	34.50	-6.11E-06	-1.60E-07	3.60E-06	-1.21E-04	-1.91E-05	6.21E-05	5.73E-05	-6.36E-05					
111	515.50	1.08E+00	1.72E+00	1.31E+00	-4.65E+00	-1.86E-01	2.65E-01	6.07E+00	-3.27E+00	-46.99	1.08E+00	-4.65E+00
	44.00	-3.75E-06	2.12E-05	5.15E-06	-3.58E-04	-1.43E-05	2.04E-05	1.88E-04	-1.71E-04					
112	515.50	3.54E-01	2.24E-01	2.63E-01	-1.07E+00	-4.33E-01	4.07E-01	1.36E+00	-7.84E-01	-43.27	2.24E-01	1.07E+00
	53.33	4.37E-06	-6.23E-07	8.76E-07	-9.24E-05	-3.33E-05	3.13E-05	4.31E-05	-3.94E-05					
113	547.50	7.92E-01	8.33E-03	3.50E-01	-1.65E+00	-2.86E-01	1.46E+00	2.10E+00	-1.30E+00	-38.33	-5.06E-01	1.44E+00
	64.00	1.78E-05	-1.23E-05	8.24E-07	-1.27E-04	-2.20E-05	1.13E-04	6.80E-05	-6.25E-05					
114	515.50	1.40E+00	1.46E+00	1.27E+00	-1.95E+00	-1.13E-01	5.60E-01	3.49E+00	-4.24E-01	-46.86	1.40E+00	-1.95E+00
	74.67	6.37E-06	1.62E-05	1.29E-06	-1.50E-04	-8.70E-06	4.31E-05	8.65E-05	-6.40E-05					
115	515.50	2.68E+00	1.70E+00	1.75E+00	-6.91E-01	-3.78E-01	3.80E-01	3.04E+00	1.34E+00	-27.32	1.70E+00	6.91E-01
	88.00	3.57E-05	-2.01E-06	-1.31E-08	-5.32E-05	-2.91E-05	2.92E-05	4.95E-05	-1.57E-05					
116	547.50	1.68E+00	2.74E-01	7.83E-01	-2.06E+00	-2.78E-01	1.26E+00	3.16E+00	-1.20E+00	-35.62	-6.10E-01	1.49E+00
	104.00	3.45E-05	-1.84E-05	-1.23E-08	-1.59E-04	-2.14E-05	9.67E-05	9.13E-05	-7.63E-05					
117	515.50	6.07E-01	6.52E-01	4.44E-01	-1.53E+00	-2.50E-02	7.72E-01	2.16E+00	-9.05E-01	-45.42	6.07E-01	-1.53E+00
	120.00	4.63E-06	6.36E-06	-1.44E-06	-1.18E-04	-1.93E-06	5.94E-05	6.45E-05	-5.35E-05					
118	515.50	1.93E+00	1.19E+00	1.16E+00	-5.92E-01	-1.80E-01	3.21E-01	2.26E+00	8.64E-01	-28.93	1.19E+00	5.92E-01
	136.00	2.73E-05	-1.27E-06	-2.49E-06	-4.55E-05	-1.38E-05	2.47E-05	3.99E-05	-1.39E-05					
119	547.50	1.42E+00	4.28E-01	6.53E-01	-1.43E+00	-1.49E-01	7.93E-01	2.43E+00	-5.89E-01	-35.44	-1.86E-01	1.03E+00
	152.00	2.71E-05	-1.10E-05	-2.35E-06	-1.10E-04	-1.14E-05	6.10E-05	6.62E-05	-5.01E-05					
120	515.50	6.68E-01	5.79E-01	3.48E-01	-1.06E+00	6.85E-03	5.59E-01	1.68E+00	-4.34E-01	-43.79	6.68E-01	-1.06E+00
	168.00	8.17E-06	4.73E-06	-4.15E-06	-8.12E-05	5.27E-07	4.30E-05	4.71E-05	-3.42E-05					
121	515.50	2.45E+00	1.51E+00	1.43E+00	-4.66E-01	-1.39E-01	2.42E-01	2.64E+00	1.32E+00	-22.39	1.51E+00	4.66E-01
	184.00	3.50E-05	-1.14E-06	-4.25E-06	-3.59E-05	-1.07E-05	1.86E-05	4.24E-05	-8.53E-06					
122	547.50	9.31E-01	-3.19E-01	9.95E-02	-1.54E+00	-9.76E-02	1.01E+00	1.96E+00	-1.35E+00	-33.93	-9.67E-01	1.06E+00
	200.00	2.80E-05	-2.01E-05	-4.00E-06	-1.18E-04	-7.51E-06	7.74E-05	6.77E-05	-5.98E-05					
123	515.50	-3.03E-01	-5.19E-01	-5.58E-01	-7.58E-01	1.40E-01	7.03E-01	3.54E-01	-1.18E+00	-40.95	-3.03E-01	-7.58E-01
	216.00	3.50E-06	-4.79E-06	-4.29E-06	-5.93E-05	1.08E-05	5.41E-05	2.88E-05	-3.01E-05					
124	515.50	7.10E-01	3.83E-01	2.41E-01	-1.89E-01	2.16E-01	1.59E-01	7.96E-01	2.97E-01	-24.47	3.83E-01	1.88E-01
	232.00	1.27E-05	5.24E-08	-5.38E-06	-1.45E-05	1.66E-05	1.22E-05	1.60E-05	-3.24E-06					
125	547.50	4.44E-01	2.76E-01	1.12E-01	-3.60E-01	1.09E-01	3.79E-01	7.42E-01	-1.81E-03	-37.67	1.18E-01	2.73E-01
	248.00	8.49E-06	1.25E-06	-5.06E-06	-2.77E-05	8.41E-06	2.91E-05	1.92E-05	-9.42E-06					
126	515.50	-5.09E-01	-7.64E-01	-7.58E-01	3.55E-02	2.06E-01	6.44E-01	-5.04E-01	-7.68E-01	7.79	-5.09E-01	3.55E-02
	264.00	2.74E-06	-7.05E-06	-6.85E-06	2.73E-06	1.58E-05	4.95E-05	2.93E-06	-7.24E-06					
127	515.50	3.97E-01	2.14E-01	7.80E-02	-6.68E-02	4.04E-01	8.77E-02	4.19E-01	1.92E-01	-18.03	2.14E-01	6.68E-02

	276.00	7.71E-06	6.55E-07	-4.58E-06	-5.14E-06	3.11E-05	6.74E-06	8.55E-06	-1.81E-07				
128	531.50	-2.47E-01	-1.74E-01	-3.68E-01	-4.30E-02	1.52E-01	5.26E-02	-1.54E-01	-2.67E-01	-65.14	-2.47E-01	-4.30E-02	
	207.00	-8.37E-07	1.97E-06	-5.47E-06	-3.31E-06	1.40E-05	4.12E-06	2.74E-06	-1.60E-06				
129	515.50	-1.13E+00	-9.59E-01	-1.07E+00	2.16E-01	1.98E-01	4.50E-01	-8.32E-01	-1.29E+00	53.91	-1.13E+00	2.16E-01	
	320.00	-8.37E-06	-3.02E-06	-6.14E-06	1.66E-05	1.52E-05	3.47E-05	3.05E-06	-1.44E-05				
183	565.50	-8.10E-02	1.40E-01	2.10E-01	-3.69E+00	-6.74E-01	2.14E+00	2.72E+00	-2.64E+00	-46.29	-8.10E-02	-2.68E+00	
	-9.00	-6.29E-06	2.97E-06	4.51E-06	-2.06E-04	-5.19E-05	1.64E-04	1.01E-04	-1.05E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3554E+02	.2210E+03	.2141E+02	-.2911E+02	-.6651E+02	.4537E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.3680E+01	-.1515E+01	-.6247E+00	-.2683E+02	.1788E+02	.2348E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.2872E+01	.4349E+00	-.2416E+00	-.4346E+02	.3930E+02	.4304E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4068E+01	-.9474E+00	-.1922E-01	-.6085E+02	.6181E+02	.6287E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.4222E+01	.5749E+00	-.1949E-01	-.7812E+02	.8390E+02	.8454E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.1106E+01	.5673E+00	-.2538E+00	-.1033E+03	.1068E+03	.1103E+03
25	-.1153E+02	-.1859E+01	-.3358E-01	-.1282E+03	.1178E+03	.1353E+03
26	.5564E+00	-.2714E+00	.8029E-01	-.1394E+03	.1245E+03	.1536E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.6244E+02	.1173E+02	-.1845E+01	-.1434E+03	.1721E+03	.1684E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.9331E+03	-.1654E+03	.8755E+01	-.1986E+03	.4629E+03	.2645E+03
40	-.6788E+03	-.1099E+03	.7926E+00	-.1879E+03	.4569E+03	.2430E+03
41	-.4769E+03	-.6679E+02	-.7095E+01	-.1637E+03	.4141E+03	.2114E+03
42	-.1235E+03	-.1094E+02	-.7809E+01	-.1438E+03	.2936E+03	.1845E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1276E+04	.1701E+03	.7302E+01	-.3497E+02	.4869E+03	-.1294E+03
	.1109E+04	.1471E+03	.8017E+01	-.61[illegible]02	.4517E+03	-.9318E+02
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
	.1721E+04	.2635E+03	.8121E+01	.[illegible]02	.3369E+03	-.4058E+03

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	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.5175E+01	-.6321E+01	.7370E+00	-.2066E+02	.4799E+03	-.1213E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1184E+04	.1799E+03	.8055E+01	.2124E+02	.2726E+03	-.3832E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.8285E+03	.1264E+03	.1080E+02	.2082E+02	.2564E+03	-.3725E+03
66	.2753E+03	.4308E+02	.1357E+02	.2579E+02	.2149E+03	-.3882E+03
67	-.5785E+03	-.8529E+02	.1355E+02	.2406E+02	.1723E+03	-.3879E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1030E+04	-.1532E+03	.1137E+02	-.2149E+02	.1367E+03	-.3792E+03
76	.1115E+03	.1764E+02	.7714E+01	-.3487E+02	.8892E+02	-.3815E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.4304E+03	-.6419E+02	.5582E+01	-.4602E+02	.3015E+02	-.3693E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1830E+03	.2750E+02	.3961E+01	-.7003E+02	-.5379E+01	-.3581E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2504E+03	-.3802E+02	.3513E+01	-.5415E+02	-.5503E+02	-.3318E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.1703E+03	.2480E+02	.2953E+01	-.4863E+02	-.8453E+02	-.3036E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.1036E+03	-.3020E+02	.3017E+01	-.4956E+02	-.1264E+03	-.2727E+03
109	.1149E+03	.1582E+02	.2552E+01	-.5189E+02	-.1539E+03	-.2362E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1604E+03	-.2581E+02	.2489E+01	-.2979E+02	-.1850E+03	-.1949E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.7268E+02	-.1281E+02	.4424E+00	-.1593E+02	-.1994E+03	-.1527E+03

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115	-.2963E+02	-.6297E+01	-.1942E+00	-.5760E+01	-.2066E+03	-.1103E+03
116	-.5511E+02	-.1052E+02	-.7177E+00	.2100E+01	-.2104E+03	-.6159E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.6537E+02	-.1218E+02	-.1341E+01	-.7606E+01	-.2165E+03	-.7371E+02
119	-.4313E+02	-.8683E+01	-.1503E+01	.1757E+02	-.1980E+03	-.4020E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1256E+03	-.1658E+02	-.7471E+01	.1554E+02	-.1738E+03	-.1976E+02
122	-.1049E+03	-.8197E+01	-.1297E+02	-.4056E+01	-.1660E+03	-.2164E+02
123	-.7967E+02	-.5440E+01	-.1157E+02	-.3220E+01	-.1469E+03	-.1975E+02
124	-.5915E+02	-.3827E+01	-.7993E+01	-.2029E+01	-.1212E+03	-.1806E+02
125	-.3849E+02	-.1960E+01	-.5876E+01	-.1043E+01	-.1004E+03	-.1644E+02
126	-.1257E+02	.2126E+01	-.5476E+01	.2104E+00	-.8470E+02	-.1472E+02
127	.6478E+01	.5325E+01	-.5601E+01	.1048E+01	-.7264E+02	-.1251E+02
128	.2617E+02	.8005E+01	-.5410E+01	.3065E+01	-.4782E+02	-.1000E+02
129	.2674E+02	.6977E+01	-.4619E+01	.3950E+01	-.2773E+02	-.7781E+01
130	.1868E+02	.4296E+01	-.3465E+01	.4051E+01	-.1287E+02	-.6193E+01
131	.5006E+01	.7876E+00	-.2427E+01	.3506E+01	-.4697E+01	-.5170E+01
132	-.5133E+00	-.3537E+00	-.1805E+01	.2366E+01	-.4876E+01	-.4436E+01
133	-.9887E+00	-.3062E+00	-.1642E+01	.1659E+01	-.5544E+01	-.3720E+01
134	-.2707E+00	-.8959E-01	-.1631E+01	.1271E+01	-.4688E+01	-.2925E+01
135	-.2315E-02	-.7249E-02	-.1831E+01	.9653E+00	-.3315E+01	-.2156E+01
136	-.1962E-02	-.1192E-01	-.2434E+01	.6719E+00	-.2153E+01	-.1440E+01
137	.4423E-01	.1458E-01	-.3822E+01	.4591E+00	-.9721E+00	-.7874E+00
138	-.2379E-01	-.8194E-01	-.6322E+02	.2951E+00	.2543E+00	-.3923E+00
139	-.5949E-01	-.9642E-01	.1952E+02	.4809E-01	-.1364E+00	.1357E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .8900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.10969E-01	.68307E-04	-.10979E-01	.00000E+00
3	.20291E-01	.21042E-03	-.20315E-01	.00000E+00
4	.22153E-01	.19796E-03	-.22139E-01	.00000E+00
5	.24101E-01	.34972E-04	-.24112E-01	.00000E+00
6	.27673E-01	-.10766E-04	-.27669E-01	.17597E-05
7	.25116E-01	.27390E-03	-.25467E-01	.00000E+00
8	.27760E-01	.20566E-03	-.27856E-01	.30885E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.10916E-01	.71124E-04	-.11046E-01	.00000E+00
11	.20521E-01	.15723E-03	-.20840E-01	.00000E+00
12	.23064E-01	.15597E-03	-.23428E-01	.00000E+00
13	.25123E-01	.11958E-03	-.25306E-01	.00000E+00
14	.27950E-01	.13669E-03	-.28343E-01	.63107E-06
15	.25562E-01	.25506E-03	-.26679E-01	.00000E+00
16	.29226E-01	.18951E-03	-.29145E-01	-.21755E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.11090E-01	.44537E-04	-.11567E-01	.00000E+00
19	.21019E-01	.55953E-04	-.22007E-01	.00000E+00
20	.23714E-01	.72966E-04	-.24857E-01	.00000E+00
21	.25936E-01	-.38362E-04	-.26892E-01	.00000E+00
22	.28612E-01	-.69379E-04	-.30262E-01	-.15505E-05
23	.26671E-01	.24084E-03	-.29274E-01	.00000E+00
24	.29080E-01	.13085E-03	-.31727E-01	.64455E-05
25	.29402E-01	.28656E-03	-.32671E-01	-.12964E-05
26	.29590E-01	.18765E-03	-.33229E-01	-.83108E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.11291E-01	.72007E-04	-.12109E-01	.00000E+00
29	.21763E-01	.62494E-04	-.23316E-01	.00000E+00
30	.24300E-01	.28159E-04	-.26607E-01	.00000E+00
31	.26867E-01	.12193E-03	-.29765E-01	.00000E+00
[illegible]	.29792E-01	.18216E-03	-.33846E-01	.17846E-04
[illegible]	.26855E-01	.38521E-03	-.29823E-01	.00000E+00
[illegible]	.00000E+00	.00000E+00	.00000E+00	.00000E+00

	.11302E-01	.19105E-03	-.12193E-01	.00000E+00
	.22076E-01	.33592E-04	-.23745E-01	.00000E+00
	.24755E-01	.78124E-04	-.26582E-01	.00000E+00
38	.27755E-01	.42194E-04	-.30995E-01	.00000E+00
39	.30115E-01	.24353E-03	-.34891E-01	-.21919E-04
40	.30054E-01	.41169E-03	-.34647E-01	-.91456E-05
41	.29694E-01	.45464E-03	-.34419E-01	.87129E-06
42	.29919E-01	.37743E-03	-.34156E-01	.11777E-04
43	.24888E-01	.13384E-03	-.26498E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.10954E-01	-.41130E-03	-.11492E-01	.00000E+00
46	.22488E-01	-.52228E-04	-.23307E-01	.00000E+00
47	.30145E-01	.83474E-04	-.34985E-01	-.16734E-04
48	.30125E-01	.15969E-03	-.34972E-01	-.26692E-04
49	.27742E-01	.84551E-04	-.30746E-01	.00000E+00
50	.30444E-01	.15233E-03	-.35120E-01	-.72788E-04
51	.28289E-01	.17076E-03	-.30359E-01	.00000E+00
52	.31700E-01	.56409E-04	-.33369E-01	.00000E+00
53	.30169E-01	.33145E-04	-.35034E-01	-.20537E-05
54	.24997E-01	-.11681E-03	-.25021E-01	.00000E+00
55	.28048E-01	.15395E-03	-.27835E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.95755E-02	.90768E-03	-.89806E-02	.00000E+00
58	.20621E-01	.34195E-03	-.17563E-01	.00000E+00
59	.32518E-01	-.12355E-03	-.32181E-01	.00000E+00
60	.31861E-01	.38191E-04	-.32615E-01	.00000E+00
61	.30723E-01	.15148E-03	-.35216E-01	-.11069E-03
62	.24120E-01	-.97964E-04	-.21240E-01	.00000E+00
63	.27620E-01	-.31519E-03	-.24959E-01	.00000E+00
64	.32350E-01	.16604E-04	-.33851E-01	.00000E+00
65	.31096E-01	.15142E-03	-.35306E-01	-.13680E-03
66	.32017E-01	.14955E-03	-.35487E-01	-.16525E-03
67	.33006E-01	.14386E-03	-.35683E-01	-.15694E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.76771E-02	-.22050E-03	-.59393E-02	.00000E+00
70	.22107E-01	-.21268E-03	-.19117E-01	.00000E+00
71	.32134E-01	-.50082E-03	-.29135E-01	.00000E+00
72	.33289E-01	-.71549E-04	-.34045E-01	.00000E+00
73	.27264E-01	-.22250E-03	-.23028E-01	.00000E+00
74	.35327E-01	-.11101E-03	-.35556E-01	.00000E+00
75	.33843E-01	.14034E-03	-.35858E-01	-.11865E-03
76	.34956E-01	.16025E-03	-.36175E-01	-.82042E-04
77	.31134E-01	-.56695E-03	-.26714E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.93125E-02	.19900E-03	-.83294E-02	.00000E+00
80	.21475E-01	-.41942E-03	-.18139E-01	.00000E+00
81	.23827E-01	-.46950E-03	-.20130E-01	.00000E+00
82	.26461E-01	-.69789E-03	-.22581E-01	.00000E+00
83	.35855E-01	-.68123E-03	-.32532E-01	.00000E+00
84	.34397E-01	-.71759E-03	-.29813E-01	.00000E+00
85	.36211E-01	.15551E-03	-.36593E-01	-.65196E-04
86	.36626E-01	-.14084E-03	-.36436E-01	.00000E+00
87	.31728E-01	-.55157E-03	-.26696E-01	.00000E+00
88	.36895E-01	-.21127E-03	-.34942E-01	.00000E+00
89	.37064E-01	.18593E-03	-.36989E-01	-.52215E-04
90	.25662E-01	-.14471E-03	-.20598E-01	.00000E+00
91	.27285E-01	-.25472E-03	-.21679E-01	.00000E+00
92	.29005E-01	.13575E-03	-.22688E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.11461E-01	.00000E+00	-.95317E-02	.00000E+00
95	.20806E-01	.00000E+00	-.16902E-01	.00000E+00
96	.23616E-01	.00000E+00	-.16933E-01	.00000E+00
97	.24752E-01	.00000E+00	-.19453E-01	.00000E+00
98	.24504E-01	.00000E+00	-.19241E-01	.00000E+00

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99	.36398E-01	.15455E-03	-.20407E-01	.00000E+00
100	.31143E-01	.77325E-04	-.24074E-01	.00000E+00
101	.36369E-01	.40321E-05	-.30453E-01	.00000E+00
102	.38305E-01	.20982E-03	-.37572E-01	-.47150E-04
103	.37628E-01	-.44748E-03	-.33917E-01	.00000E+00
104	.38995E-01	.98463E-05	-.37809E-01	.00000E+00
105	.39323E-01	.22413E-03	-.38077E-01	-.41345E-04
106	.39137E-01	-.56577E-03	-.36159E-01	.00000E+00
107	.40404E-01	.91314E-04	-.38744E-01	.00000E+00
108	.40413E-01	.23507E-03	-.33565E-01	-.39599E-04
109	.41189E-01	.24461E-03	-.38965E-01	-.33337E-04
110	.41071E-01	.47324E-03	-.38063E-01	.00000E+00
111	.42277E-01	.35574E-03	-.40013E-01	.00000E+00
112	.42037E-01	.25593E-03	-.39330E-01	-.29906E-04
113	.41998E-01	.17341E-03	-.39892E-01	.00000E+00
114	.42511E-01	.23149E-03	-.39595E-01	-.12205E-04
115	.42704E-01	.22341E-03	-.39814E-01	-.45916E-05
116	.42754E-01	.19130E-03	-.39928E-01	.44011E-06
117	.42552E-01	.37485E-03	-.40589E-01	.00000E+00
118	.42729E-01	.18344E-03	-.39985E-01	.38908E-05
119	.42598E-01	.16594E-03	-.40054E-01	.90034E-05
120	.42877E-01	.27350E-03	-.40743E-01	.00000E+00
121	.42288E-01	.12795E-03	-.40069E-01	.18271E-04
122	.42251E-01	-.27397E-04	-.40113E-01	.22803E-04
123	.42193E-01	-.17723E-03	-.40149E-01	.26327E-04
124	.42125E-01	-.34933E-03	-.40185E-01	.30340E-04
125	.42033E-01	-.54921E-03	-.40222E-01	.35067E-04
126	.41852E-01	-.93368E-03	-.40284E-01	.40526E-04
127	.41655E-01	-.13486E-02	-.40343E-01	.41257E-04
128	.41283E-01	-.21888E-02	-.40465E-01	.33175E-04
129	.41035E-01	-.27481E-02	-.40578E-01	.20869E-04
130	.40305E-01	-.31364E-02	-.40700E-01	.65235E-05
131	.40957E-01	-.30234E-02	-.40886E-01	-.88732E-05
132	.41126E-01	-.24990E-02	-.41050E-01	-.12949E-04
133	.41276E-01	-.19588E-02	-.41194E-01	-.10979E-04
134	.41373E-01	-.15272E-02	-.41310E-01	-.88750E-05
135	.41440E-01	-.11561E-02	-.41403E-01	-.81416E-05
136	.41488E-01	-.79395E-03	-.41471E-01	-.82147E-05
137	.41516E-01	-.44129E-03	-.41512E-01	-.81067E-05
138	.41536E-01	-.66552E-04	-.41536E-01	-.84746E-05
139	.41536E-01	-.82336E-05	-.41536E-01	-.82585E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .8900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	5.30E-04	2.16E-02	-6.18E-03	1.34E+00	2.81E-03	-1.35E+00	1.35E+00	-1.33E+00	45.23	5.30E-04	1.34E+00
	-303.00	-1.93E-07	7.75E-07	-4.88E-07	1.22E-04	2.55E-07	-1.23E-04	6.11E-05	-6.05E-05			
2	72.00	2.26E-02	3.70E-02	-2.78E-02	1.15E+00	-4.17E-03	-1.19E+00	1.18E+00	-1.12E+00	45.18	2.26E-02	1.15E+00
	-213.00	6.16E-07	1.27E-06	-1.68E-06	1.05E-04	-3.79E-07	-1.08E-04	5.34E-05	-5.15E-05			
3	72.00	2.22E-01	4.32E-02	-5.81E-02	9.00E-01	-6.56E-02	-8.64E-01	9.38E-01	-6.73E-01	41.81	2.22E-01	8.00E-01
	-138.00	3.96E-06	-1.06E-07	-2.41E-06	3.64E-05	-3.89E-06	-3.93E-05	2.02E-05	-1.64E-05			
4	24.00	9.11E-01	4.36E-01	5.59E-01	1.53E+00	-2.52E-01	-1.68E+00	2.22E+00	-8.74E-01	40.59	9.11E-01	1.53E+00
	-68.00	1.41E-05	-4.17E-06	5.57E-07	1.18E-04	-1.94E-05	-1.29E-04	6.45E-05	-5.46E-05			
5	72.00	-2.35E-01	-1.18E-01	-3.28E-01	6.49E-01	1.72E-02	-6.91E-01	4.75E-01	-8.28E-01	47.59	-1.18E-01	-6.49E-01
	-88.00	-1.59E-06	2.92E-06	-5.06E-06	4.99E-05	1.32E-06	-5.32E-05	2.57E-05	-2.44E-05			
6	120.00	-1.13E-01	-9.76E-02	-1.95E-01	1.31E+00	6.86E-02	-1.27E+00	1.20E+00	-1.41E+00	45.17	1.18E+00	-2.28E-01
	-68.00	1.04E-07	7.03E-07	-3.03E-06	1.01E-04	5.28E-06	-9.79E-05	5.08E-05	-4.95E-05			
7	36.25	[illegible]84E-01	1.58E-01	1.03E-01	7.37E-01	-9.91E-02	-7.10E-01	1.02E+00	-4.75E-01	40.65	3.58E-01	7.41E-01
	-19.00	[illegible]8E-06	-1.00E-06	-3.13E-06	5.67E-05	-7.62E-06	-5[illegible]05	3.20E-05	-2.53E-05			
8	100.[illegible]	[illegible]3E-02	-8.57E-02	-1.36E-01	5.93E-01	1.40E-03	[illegible]01	5.31E-01	-6.56E-01	43.87	-3.88E-02	5.93[illegible]

	-10.	[illegible]7E-06	-4.32E-07	-2.37E-06	4.56E-05	1.08E-07	[illegible]-05	2.33E-05	-2.24E-05					
9	216.00	[illegible]73E-02	3.81E-02	8.55E-02	1.34E+00	-1.22E-02	[illegible]00	1.38E+00	-1.31E+00	45.01	3.73E-02	1.34E+[illegible]		
	-303.00	[illegible]05E-07	6.43E-07	-7.02E-07	1.22E-04	-1.11E-06	[illegible]-04	6.17E-05	-6.05E-05					
10	216.00	8.04E-02	4.09E-02	-1.57E-02	1.19E+00	-4.01E-02	-1.24E+00	1.25E+00	-1.13E+00	44.53	8.04E-02	1.19E+00		
	-213.00	2.33E-06	5.41E-07	-2.32E-06	1.09E-04	-3.65E-06	-1.13E-04	5.55E-05	-5.26E-05					
11	216.00	2.04E-01	3.49E-02	-1.15E-01	9.46E-01	-1.27E-01	-1.01E+00	1.07E+00	-8.30E-01	42.45	2.04E-01	9.46E-01		
	-138.00	3.99E-06	1.40E-07	-3.26E-06	4.30E-05	-5.76E-06	-4.58E-05	2.37E-05	-1.95E-05					
12	168.00	3.84E-01	2.36E-01	1.69E-01	1.46E+00	-2.20E-01	-1.53E+00	1.77E+00	-1.15E+00	43.55	3.84E-01	1.46E+00		
	-68.00	6.09E-06	4.05E-07	-2.17E-06	1.12E-04	-1.69E-05	-1.18E-04	5.94E-05	-5.29E-05					
13	216.00	-3.33E-01	-1.16E-01	-3.72E-01	5.69E-01	-2.46E-02	-5.97E-01	3.55E-01	-8.04E-01	50.42	-1.16E-01	-5.69E-01		
	-88.00	-3.80E-06	4.56E-06	-5.29E-06	4.39E-05	-1.90E-06	-4.59E-05	2.27E-05	-2.19E-05					
14	264.00	3.73E-02	-7.87E-02	-1.74E-01	1.27E+00	1.79E-02	-1.28E+00	1.25E+00	-1.29E+00	43.69	1.21E+00	-2.85E-01		
	-68.00	3.80E-06	-6.50E-07	-4.33E-06	9.74E-05	1.37E-06	-9.85E-05	5.03E-05	-4.72E-05					
15	180.00	1.76E-01	3.62E-02	-4.70E-02	6.32E-01	-1.49E-01	-6.29E-01	7.43E-01	-5.30E-01	41.64	1.76E-01	6.32E-01		
	-10.00	4.96E-06	-4.26E-07	-3.63E-06	4.86E-05	-1.15E-05	-4.84E-05	2.67E-05	-2.22E-05					
16	252.00	6.92E-02	-7.17E-02	-1.72E-01	5.60E-01	-5.89E-02	-6.58E-01	5.63E-01	-5.65E-01	41.41	6.92E-02	5.60E-01		
	-10.00	4.58E-06	-8.38E-07	-4.70E-06	4.31E-05	-4.53E-06	-5.06E-05	2.36E-05	-1.98E-05					
17	361.00	3.43E-02	3.35E-02	-5.26E-04	1.37E+00	-1.06E-02	-1.45E+00	1.40E+00	-1.33E+00	44.99	3.43E-02	1.37E+00		
	-303.00	6.86E-07	6.47E-07	-8.97E-07	1.24E-04	-9.60E-07	-1.32E-04	6.29E-05	-6.16E-05					
18	361.00	9.71E-02	2.61E-02	-3.26E-02	1.25E+00	-4.05E-02	-1.32E+00	1.31E+00	-1.19E+00	44.19	9.71E-02	1.25E+00		
	-213.00	3.24E-06	1.00E-08	-2.66E-06	1.13E-04	-3.68E-06	-1.20E-04	5.84E-05	-5.51E-05					
19	361.00	2.35E-01	1.45E-02	-1.59E-01	9.73E-01	-1.41E-01	-1.13E+00	1.10E+00	-8.54E-01	41.77	2.35E-01	9.73E-01		
	-138.00	4.86E-06	-1.44E-07	-4.09E-06	4.42E-05	-6.39E-06	-5.13E-05	2.46E-05	-1.99E-05					
20	312.00	6.67E-01	3.42E-01	2.70E-01	1.61E+00	-3.83E-01	-1.84E+00	2.12E+00	-1.11E+00	42.12	6.67E-01	1.61E+00		
	-68.00	1.16E-05	-9.13E-07	-3.66E-06	1.24E-04	-2.94E-05	-1.42E-04	6.76E-05	-5.69E-05					
21	360.67	-5.42E-01	-2.39E-01	-5.36E-01	7.13E-01	5.59E-03	-8.69E-01	3.39E-01	-1.12E+00	51.00	-2.39E-01	-7.13E-01		
	-88.00	-6.37E-06	5.28E-06	-6.15E-06	5.49E-05	4.30E-07	-6.68E-05	2.75E-05	-2.86E-05					
22	409.33	2.72E-01	3.77E-01	6.24E-02	1.55E+00	-1.57E-02	-1.95E+00	1.87E+00	-1.22E+00	45.97	1.85E+00	-2.69E-01		
	-68.00	2.66E-06	6.67E-06	-5.42E-06	1.19E-04	-1.21E-06	-1.50E-04	6.42E-05	-5.49E-05					
23	324.00	3.23E-01	5.67E-02	-7.14E-02	6.24E-01	-2.68E-01	-6.55E-01	8.29E-01	-4.48E-01	38.97	3.23E-01	6.24E-01		
	-10.00	9.05E-06	-1.21E-06	-6.14E-06	4.80E-05	-2.06E-05	-5.04E-05	2.85E-05	-2.06E-05					
24	372.00	1.79E-01	-1.32E-01	-2.36E-01	1.75E+00	-2.50E-01	-1.87E+00	1.78E+00	-1.73E+00	42.46	1.79E-01	1.75E+00		
	-9.33	8.96E-06	-3.00E-06	-7.00E-06	1.34E-04	-1.92E-05	-1.44E-04	7.05E-05	-6.45E-05					
25	401.25	7.57E-02	-2.36E-02	-2.61E-01	5.64E-01	-8.98E-02	-7.48E-01	5.92E-01	-5.40E-01	42.48	-4.57E-01	2.95E-01		
	-10.00	5.20E-06	1.38E-06	-7.73E-06	4.34E-05	-6.90E-06	-5.75E-05	2.51E-05	-1.85E-05					
26	427.67	6.43E-01	4.50E-01	1.90E-01	1.92E+00	-3.35E-01	-2.61E+00	2.47E+00	-1.37E+00	43.57	1.76E+00	1.49E+00		
	-9.33	1.06E-05	3.22E-06	-6.78E-06	1.48E-04	-2.57E-05	-2.01E-04	8.08E-05	-6.69E-05					
27	457.00	3.08E-02	6.04E-02	7.65E-03	1.39E+00	2.39E-04	-1.49E+00	1.44E+00	-1.35E+00	45.30	3.08E-02	1.39E+00		
	-303.00	1.17E-07	1.46E-06	-9.36E-07	1.27E-04	2.17E-08	-1.35E-04	6.42E-05	-6.26E-05					
28	457.00	8.68E-02	-5.46E-03	-5.05E-02	1.32E+00	-3.17E-02	-1.39E+00	1.36E+00	-1.28E+00	44.00	8.68E-02	1.32E+00		
	-213.00	3.55E-06	-6.49E-07	-2.70E-06	1.20E-04	-2.88E-06	-1.27E-04	6.13E-05	-5.84E-05					
29	457.00	4.28E-01	8.75E-02	-7.26E-02	9.89E-01	-8.91E-03	-1.13E+00	1.26E+00	-7.46E-01	40.12	4.28E-01	9.89E-01		
	-138.00	7.41E-06	-3.34E-07	-3.97E-06	4.50E-05	-4.05E-07	-5.12E-05	2.63E-05	-1.93E-05					
30	442.00	1.73E-01	4.22E-01	5.53E-02	1.75E+00	3.37E-02	-2.07E+00	2.05E+00	-1.46E+00	47.04	1.73E-01	1.75E+00		
	-68.00	-8.04E-07	9.09E-06	-5.02E-06	1.35E-04	2.59E-06	-1.59E-04	7.18E-05	-6.32E-05					
31	457.33	-2.12E+00	-1.15E+00	-1.45E+00	6.30E-01	9.83E-01	-1.07E+00	-8.38E-01	-2.43E+00	63.87	-1.15E+00	-6.30E-01		
	-88.00	-2.97E-05	7.78E-06	-3.99E-06	4.85E-05	7.56E-05	-8.24E-05	1.97E-05	-4.16E-05					
32	472.67	3.19E+00	2.23E+00	2.03E+00	1.55E+00	-6.42E-01	-2.62E+00	4.34E+00	1.09E+00	36.40	4.08E+00	8.73E-01		
	-68.00	4.09E-05	3.94E-06	-3.86E-06	1.19E-04	-4.94E-05	-2.01E-04	8.49E-05	-4.00E-05					
33	442.00	2.92E-01	1.37E-01	-1.19E-01	8.67E-01	-1.28E-01	-9.94E-01	1.09E+00	-6.56E-01	42.45	2.92E-01	8.67E-01		
	-10.50	7.83E-06	1.87E-06	-8.00E-06	6.67E-05	-9.86E-06	-7.64E-05	3.83E-05	-2.66E-05					
34	454.00	2.53E+00	1.68E+00	1.45E+00	2.34E+00	-7.32E-01	-3.27E+00	4.48E+00	-2.72E-01	39.83	3.45E+00	1.96E+00		
	-11.33	3.52E-05	2.38E-06	-6.54E-06	1.80E-04	-5.63E-05	-2.51E-04	1.10E-04	-7.26E-05					
35	461.67	2.42E-01	1.81E-01	-6.50E-02	2.23E+00	-1.86E-01	-3.38E+00	2.44E+00	-2.02E+00	44.61	2.42E-01	2.23E+00		
	-12.00	8.38E-06	3.02E-06	-6.43E-06	1.72E-04	-1.43E-05	-2.60E-04	9.00E-05	-8.16E-05					
36	469.00	-1.60E+00	-7.41E-01	-1.13E+00	2.05E-01	8.64E-01	-1.32E+00	-6.94E-01	-1.64E+00	77.21	-7.41E-01	-2.05E-01		
	-30.00	-2.27E-05	1.03E-05	-6.91E-06	1.58E-05	6.64E-05	-1.02E-04	1.21E-05	-2.45E-05					
37	476.33	8.25E-01	1.05E+00	5.03E-01	1.49E+00	-2.00E-01	-2.76E+00	2.43E+00	-5.57E-01	47.18	1.42E+00	1.42E+00		
	-12.00	5.58E-06	1.43E-05	-6.80E-06	1.15E-04	-1.54E-05	-2.12E-04	6.75E-05	-4.76E-05					
38	558.50	-1.55E-01	-1.58E-01	-1.45E-01	1.34E+00	3.16E-02	-1.45E+00	1.18E+00	-1.50E+00	44.97	-1.55E-01	1.34E+00		
	-303.00	-1.11E-06	-1.22E-06	-6.40E-07	1.22E-04	2.87E-06	-1.31E-04	5.97E-05	-6.20E-05					
39	558.50	-2.69E-03	2.38E-02	-4.55E-02	1.34E+00	5.92E-02	-1.43E+00	1.35E+00	-1.33E+00	45.28	-2.69E-03	1.34E+00		
	-213.00	1.95E-07	1.40E-06	-1.75E-06	1.22E-04	5.38E-06	-1.30E-04	6.16E-05	-6.00E-05					
40	506.17	7.35E-02	6.87E-02	-1.46E-01	3.02E+00	9.59E-02	-3.09E+00	3.10E+00	-2.95E+00	44.98	7.35E-02	3.02E+00		

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	-128.00	1.69E-06	1.54E-06	-3.29E-06	1.37E-04	4.36E-06	-1.41E-04	7.04E-05	-6.71E-05				
41	558.50	-6.24E-01	8.52E-02	-2.46E-01	1.25E+00	6.02E-01	-1.75E+00	1.03E+00	-1.57E+00	52.93	8.52E-02	-1.25E+00	
	-148.00	-1.01E-05	6.05E-06	-1.47E-06	5.67E-05	2.74E-05	-7.07E-05	2.75E-05	-3.15E-05				
42	610.83	1.25E-01	1.46E-01	4.72E-03	2.62E+00	4.43E-01	-2.43E+00	2.77E+00	-2.50E+00	45.12	2.68E+00	-6.81E-01	
	-128.00	1.30E-06	1.89E-06	-1.34E-06	1.20E-04	2.02E-05	-1.10E-04	6.15E-05	-5.82E-05				
43	501.38	-1.73E-01	-1.79E-01	-2.16E-01	6.75E-01	2.07E-01	-8.55E-01	4.99E-01	-8.51E-01	44.89	-1.73E-01	6.75E-01	
	-78.00	6.79E-07	4.75E-07	-4.83E-06	5.20E-05	1.59E-05	-6.58E-05	2.66E-05	-2.54E-05				
44	534.67	3.15E-01	5.43E-02	3.92E-02	2.11E+00	1.10E-01	-2.60E+00	2.30E+00	-1.93E+00	43.23	2.24E+00	-4.94E-01	
	-68.00	7.64E-06	-2.39E-06	-3.01E-06	1.62E-04	4.42E-06	-2.00E-04	8.38E-05	-7.86E-05				
45	584.67	-4.46E-01	-3.99E-01	-4.38E-01	2.16E+00	4.54E-01	-1.97E+00	1.73E+00	-2.58E+00	45.32	-4.46E-01	2.16E+00	
	-68.00	-3.06E-06	-1.23E-06	-2.75E-06	1.66E-04	3.49E-05	-1.51E-04	8.08E-05	-8.51E-05				
46	610.83	-2.08E+00	-7.76E-01	-1.14E+00	1.15E+00	9.56E-01	-1.54E+00	-1.05E-01	-2.75E+00	59.77	-7.76E-01	-1.15E+00	
	-88.00	-3.61E-05	1.41E-05	-3.95E-08	4.86E-05	7.35E-05	-1.18E-04	4.00E-05	-6.19E-05				
47	482.63	-1.97E-01	-1.73E-01	-4.47E-01	4.87E-01	2.51E-01	-9.77E-01	3.02E-01	-6.72E-01	45.73	-1.97E-01	4.87E-01	
	-21.00	1.39E-06	2.34E-06	-8.21E-06	3.75E-05	1.93E-05	-7.51E-05	2.06E-05	-1.69E-05				
48	485.83	-4.11E-02	-7.69E-02	-2.72E-01	1.45E+00	3.22E-02	-3.06E+00	1.39E+00	-1.51E+00	44.65	1.46E-01	1.44E+00	
	-12.00	2.71E-06	1.33E-06	-6.18E-06	1.12E-04	2.48E-06	-2.35E-04	5.79E-05	-5.39E-05				
49	507.98	-4.75E-02	-2.60E-01	-3.88E-01	5.39E-01	1.25E-01	-1.06E+00	3.95E-01	-7.03E-01	39.41	-4.75E-02	5.39E-01	
	-21.00	5.82E-06	-2.37E-06	-7.28E-06	4.14E-05	9.63E-06	-8.14E-05	2.29E-05	-1.94E-05				
50	538.67	3.21E-01	-1.41E-01	-6.81E-02	1.91E+00	6.47E-01	-2.32E+00	2.01E+00	-1.83E+00	41.55	1.96E+00	-4.14E-01	
	-10.00	1.11E-05	-6.65E-06	-3.94E-06	1.47E-04	4.98E-05	-1.79E-04	7.61E-05	-7.16E-05				
51	484.67	-6.82E+00	-4.76E+00	-5.00E+00	-1.46E-01	5.36E-01	-3.24E-01	-4.75E+00	-6.83E+00	-85.95	-4.76E+00	1.46E-01	
	8.00	-8.00E-05	-1.06E-06	-9.99E-06	-1.12E-05	4.12E-05	-2.49E-05	-6.63E-07	-8.04E-05				
52	507.00	1.82E+00	2.15E+00	1.30E+00	1.21E+00	2.93E-01	7.70E-01	3.21E+00	7.58E-01	48.89	2.96E+00	7.41E-01	
	9.00	1.20E-05	2.48E-05	-7.91E-06	9.33E-05	2.25E-05	5.92E-05	6.55E-05	-2.87E-05				
53	603.00	6.68E-02	-1.11E-01	-5.20E-02	8.44E-01	2.83E-01	-7.64E-01	8.27E-01	-8.71E-01	41.99	-4.79E-01	7.15E-01	
	-18.00	3.63E-06	-3.21E-06	-9.43E-07	6.49E-05	2.17E-05	-5.88E-05	3.29E-05	-3.24E-05				
54	712.00	-1.81E-01	-1.92E-02	-7.95E-02	1.30E+00	9.19E-02	-1.25E+00	1.21E+00	-1.41E+00	46.78	-1.81E-01	1.30E+00	
	-303.00	-4.59E-06	2.76E-06	1.97E-08	1.18E-04	8.35E-06	-1.14E-04	5.84E-05	-6.03E-05				
55	712.00	-7.29E-01	-5.16E-01	-4.73E-01	1.44E+00	2.94E-01	-1.25E+00	8.24E-01	-2.07E+00	47.11	-7.29E-01	1.44E+00	
	-213.00	-1.08E-05	-1.15E-06	8.06E-07	1.31E-04	2.67E-05	-1.14E-04	5.98E-05	-7.17E-05				
56	712.00	-7.84E-01	-5.66E-01	-3.03E-01	1.13E+00	6.59E-01	-9.89E-01	4.62E-01	-1.81E+00	47.74	-7.84E-01	1.13E+00	
	-138.00	-9.15E-06	-4.20E-06	1.79E-06	5.14E-05	3.00E-05	-4.50E-05	1.92E-05	-3.25E-05				
57	712.00	-2.11E-01	-8.68E-02	-4.60E-02	6.90E-01	2.62E-01	-7.06E-01	5.44E-01	-8.42E-01	47.58	-2.11E-01	6.90E-01	
	-78.00	-4.35E-06	4.46E-07	2.01E-06	5.31E-05	2.02E-05	-5.43E-05	2.47E-05	-2.86E-05				
58	712.00	-3.01E-01	-3.32E-01	-1.74E-01	9.37E-01	2.28E-01	-9.20E-01	6.20E-01	-1.25E+00	44.52	-3.01E-01	9.37E-01	
	-18.00	-2.71E-06	-3.91E-06	2.18E-06	7.21E-05	1.76E-05	-7.07E-05	3.27E-05	-3.93E-05				
59	837.00	-3.77E+00	-2.14E+00	-2.37E+00	1.10E+00	6.59E-01	-1.10E+00	-1.59E+00	-4.33E+00	63.19	-2.14E+00	-1.10E+00	
	-318.00	-6.38E-05	1.01E-05	.00E+00	1.00E-04	5.99E-05	-9.98E-05	3.54E-05	-8.92E-05				
60	887.00	-6.07E-01	-2.15E-01	-3.29E-01	2.96E+00	2.23E-01	-2.55E+00	2.56E+00	-3.38E+00	46.89	2.30E+00	-1.22E+00	
	-288.00	-1.27E-05	5.19E-06	.00E+00	2.69E-04	2.03E-05	-2.32E-04	1.31E-04	-1.39E-04				
61	987.00	6.01E-01	3.01E-01	3.61E-01	3.05E+00	-1.75E-01	-2.47E+00	3.50E+00	-2.60E+00	43.59	6.01E-01	3.05E+00	
	-288.00	1.09E-05	-2.70E-06	.00E+00	2.77E-04	-1.59E-05	-2.25E-04	1.43E-04	-1.34E-04				
62	1037.00	-3.90E+00	-2.44E+00	-2.54E+00	2.26E+00	6.11E-01	-2.04E+00	-7.95E-01	-5.55E+00	53.96	-2.44E+00	-2.26E+00	
	-318.00	-6.21E-05	4.40E-06	.00E+00	2.06E-04	5.55E-05	-1.85E-04	7.92E-05	-1.37E-04				
63	862.00	-1.20E-01	-1.58E-01	-3.64E-02	1.50E+00	2.78E-02	-1.33E+00	1.36E+00	-1.63E+00	44.64	-1.20E-01	1.50E+00	
	-213.00	-1.37E-06	-3.10E-06	2.43E-06	1.36E-04	2.53E-06	-1.21E-04	6.57E-05	-7.02E-05				
64	1012.00	1.71E-01	2.29E-02	1.46E-01	1.63E+00	-7.63E-02	-1.40E+00	1.73E+00	-1.54E+00	43.70	1.71E-01	1.63E+00	
	-213.00	3.36E-06	-3.39E-06	2.24E-06	1.48E-04	-6.94E-06	-1.28E-04	7.43E-05	-7.43E-05				
65	837.00	3.69E-01	-2.35E-01	2.44E-01	1.10E+00	-2.23E-01	-1.34E+00	1.21E+00	-1.08E+00	37.35	-2.35E-01	-1.10E+00	
	-148.00	6.40E-04	-7.33E-06	3.57E-06	5.02E-05	-1.01E-05	-6.10E-05	2.55E-05	-2.65E-05				
66	937.00	-8.72E-02	-2.01E-01	9.62E-02	2.03E+00	1.12E-02	-1.72E+00	1.88E+00	-2.17E+00	44.20	1.21E+00	-1.51E+00	
	-128.00	-9.77E-07	-3.55E-06	3.19E-06	9.21E-05	5.07E-07	-7.82E-05	4.38E-05	-4.83E-05				
67	1037.00	-1.69E+00	-5.54E-01	-4.88E-01	1.90E+00	5.08E-01	-1.81E+00	8.62E-01	-3.10E+00	53.31	-5.54E-01	-1.90E+00	
	-148.00	-2.40E-05	1.72E-06	3.22E-06	8.63E-05	2.31E-05	-8.23E-05	3.39E-05	-5.62E-05				
68	837.00	-4.90E-01	-6.71E-01	-3.39E-01	2.21E+00	1.23E-01	-2.00E+00	1.63E+00	-2.79E+00	43.83	-4.90E-01	2.21E+00	
	-68.00	-2.37E-06	-9.32E-06	3.44E-06	1.70E-04	9.43E-06	-1.54E-04	7.91E-05	-9.07E-05				
69	937.00	-5.20E-01	-1.05E-02	-6.85E-02	1.07E+00	1.70E-01	-9.35E-01	8.39E-01	-1.37E+00	51.67	-1.05E-02	-1.07E+00	
	-88.00	-1.34E-05	6.18E-06	3.95E-06	8.26E-05	1.31E-05	-7.19E-05	3.88E-05	-4.61E-05				
70	1037.00	-3.97E-01	-3.40E-01	-1.65E-01	1.85E+00	-7.63E-03	-1.68E+00	1.48E+00	-2.21E+00	45.44	9.25E-01	-1.32E+00	
	-68.00	-5.36E-06	-3.16E-06	3.56E-06	1.42E-04	-5.87E-07	-1.30E-04	6.67E-05	-7.53E-05				
71	862.00	[illegible]66E-01	-3.64E-01	-1.41E-01	9.09E-01	1.35E-01	[illegible]E-01	5.45E-01	-1.27E+00	45.04	-3.66E-01	9.09E[illegible]	
	-18.00	[illegible]52E-05	-4.42E-06	4.15E-06	7.00E-05	1.04E-05	[illegible]-05	3.05E-05	-3.94E-05				
72	1012	[illegible].81E-02	4.96E-02	2.09E-01	9.70E-01	-3.63E-02	[illegible]E-01	1.02E+00	-9.06E-01	44.58	7.81E-02	9.[illegible]	

	-18.00	[illegible]7E-07	-1.79E-06	4.34E-06	7.46E-05	-2.79E-06	[illegible]	[illegible]05	3.61E-05	-3.86E-05				
73	1387.00	[illegible]0E-01	1.74E-01	1.62E-01	1.27E+00	-1.66E-02	-1[illegible]00	1.45E+00	-1.09E+00	44.83	1.90E-01	1.27E+[illegible]
	-303.00	[illegible].79E-06	1.10E-06	5.25E-07	1.15E-04	-1.53E-06	-9.[illegible]-05	5.91E-05	-5.62E-05			
74	1387.00	1.10E-02	-9.14E-02	2.43E-02	1.32E+00	-1.98E-02	-1.05E+00	1.28E+00	-1.36E+00	43.89	1.10E-02	1.32E+00
	-213.00	1.23E-06	-3.42E-06	1.83E-06	1.20E-04	-1.80E-06	-9.54E-05	5.88E-05	-6.10E-05			
75	1387.00	2.21E-02	3.58E-02	1.78E-01	9.62E-01	-1.73E-02	-7.34E-01	9.91E-01	-9.33E-01	45.20	2.21E-02	9.62E-01
	-138.00	-7.37E-07	-4.26E-07	2.82E-06	4.37E-05	-7.89E-07	-3.34E-05	2.13E-05	-2.24E-05			
76	1187.00	-1.43E-01	-1.22E-01	7.54E-03	1.56E+00	4.54E-02	-1.16E+00	1.43E+00	-1.69E+00	45.19	-1.43E-01	1.56E+00
	-68.00	-2.66E-06	-1.86E-06	3.11E-06	1.20E-04	3.50E-06	-8.91E-05	5.78E-05	-6.23E-05			
77	1387.00	-3.33E-01	-3.20E-01	-1.39E-01	6.88E-01	4.41E-02	-5.41E-01	3.61E-01	-1.02E+00	45.27	-3.20E-01	-6.88E-01
	-88.00	-4.11E-06	-3.62E-06	3.38E-06	5.29E-05	3.39E-06	-4.16E-05	2.26E-05	-3.03E-05			
78	1587.00	-2.08E-01	-1.52E-01	-5.29E-02	9.42E-01	1.13E-02	-5.86E-01	7.41E-01	-1.14E+00	45.25	1.69E-01	-8.66E-01
	-68.00	-3.03E-06	-2.41E-06	2.95E-06	7.24E-05	8.66E-07	-4.51E-05	3.35E-05	-3.89E-05			
79	1237.00	-4.67E-01	-2.36E-01	-1.37E-01	7.65E-01	1.00E-01	-5.59E-01	4.22E-01	-1.13E+00	49.30	-4.67E-01	7.65E-01
	-18.00	-8.74E-06	1.61E-07	3.96E-06	5.88E-05	7.71E-06	-4.30E-05	2.55E-05	-3.40E-05			
80	1433.80	-2.91E-01	-7.53E-02	-1.79E-02	9.82E-01	7.19E-02	-4.26E-01	7.05E-01	-1.07E+00	48.48	-2.91E-01	8.82E-01
	-8.00	-6.96E-06	1.32E-06	3.53E-06	6.78E-05	5.53E-06	-3.27E-05	3.13E-05	-3.70E-05			
81	1533.80	-4.93E-01	-9.03E-02	-1.11E-01	4.88E-01	9.57E-02	-2.88E-01	2.31E-01	-8.22E-01	56.01	-9.83E-02	-4.88E-01
	-28.00	-1.12E-05	3.94E-06	3.45E-06	3.75E-05	7.36E-06	-2.21E-05	1.66E-05	-2.39E-05			
82	1633.80	-5.79E-01	-2.18E-01	-2.01E-01	2.17E-01	5.29E-02	-1.15E-01	-1.17E-01	-6.81E-01	64.89	-1.20E-01	-4.42E-02
	-8.00	-1.13E-05	2.58E-06	3.24E-06	1.67E-05	4.07E-06	-8.82E-06	6.48E-06	-1.52E-05			
83	1433.80	-1.94E+00	-8.58E-01	-9.68E-01	5.55E-01	3.93E-01	-2.82E-01	-6.23E-01	-2.17E+00	67.08	-8.58E-01	-5.55E-01
	27.60	-3.31E-05	8.34E-06	4.12E-06	4.27E-05	3.02E-05	-2.17E-05	1.74E-05	-4.22E-05			
84	1296.10	-6.95E-01	-1.20E-01	-1.57E-01	5.70E-01	1.52E-01	-2.55E-01	2.30E-01	-1.05E+00	58.40	-4.67E-01	-6.35E-01
	40.70	-1.61E-05	6.08E-06	4.63E-06	4.38E-05	1.17E-05	-1.96E-05	1.96E-05	-2.95E-05			
85	1148.60	-3.01E-01	1.69E-01	1.07E-01	8.33E-01	2.02E-01	-4.87E-01	7.99E-01	-9.31E-01	52.88	6.73E-01	4.51E-01
	57.33	-1.13E-05	6.78E-06	4.38E-06	6.41E-05	1.55E-05	-3.75E-05	3.10E-05	-3.55E-05			
86	1131.40	-2.46E+00	-1.21E+00	-1.24E+00	3.42E-01	7.25E-01	-8.76E-02	-1.12E+00	-2.55E+00	75.69	-1.21E+00	-3.42E-01
	112.00	-4.07E-05	7.52E-06	6.25E-06	2.63E-05	5.58E-05	-6.74E-06	1.09E-05	-4.41E-05			
87	1019.80	-7.16E-01	-5.61E-01	-3.31E-01	8.25E-01	2.09E-01	-9.81E-01	1.89E-01	-1.67E+00	47.68	-5.61E-01	-8.25E-01
	34.67	-9.86E-06	-3.91E-06	4.93E-06	6.34E-05	1.61E-05	-7.54E-05	2.50E-05	-3.87E-05			
88	886.60	-3.77E-01	-2.73E-01	-1.03E-01	7.23E-01	1.16E-01	-7.36E-01	4.00E-01	-1.05E+00	47.05	-3.77E-01	7.23E-01
	46.00	-6.22E-06	-2.23E-06	4.32E-06	5.56E-05	8.90E-06	-5.66E-05	2.36E-05	-3.21E-05			
89	865.80	-1.40E+00	-6.33E-01	-6.23E-01	4.62E-01	4.31E-01	-3.64E-01	-4.17E-01	-1.62E+00	64.90	-6.33E-01	-4.62E-01
	96.00	-2.48E-05	4.87E-06	5.27E-06	3.56E-05	3.31E-05	-2.80E-05	1.32E-05	-3.31E-05			
90	952.60	-3.44E-01	6.28E-01	2.89E-01	9.51E-01	2.60E-01	-7.19E-01	1.21E+00	-9.26E-01	58.53	9.47E-01	-7.01E-01
	128.00	-1.95E-05	1.78E-05	4.81E-06	7.31E-05	2.00E-05	-5.53E-05	4.02E-05	-4.19E-05			
91	869.80	-4.14E-01	-9.57E-03	-1.39E-02	5.01E-01	2.43E-01	-2.70E-01	3.28E-01	-7.52E-01	55.98	-4.14E-01	5.01E-01
	160.00	-1.11E-05	4.43E-06	4.27E-06	3.85E-05	1.87E-05	-2.08E-05	1.74E-05	-2.41E-05			
92	869.80	-2.20E+00	-8.05E-01	-9.55E-01	3.40E-01	9.07E-01	-2.99E-01	-7.27E-01	-2.26E+00	77.00	-8.05E-01	-3.40E-01
	203.60	-4.11E-05	1.26E-05	6.60E-06	2.62E-05	6.98E-05	-2.30E-05	1.56E-05	-4.42E-05			
93	598.67	2.92E-01	-1.92E-01	6.06E-02	1.46E+00	6.10E-01	-1.55E+00	1.53E+00	-1.43E+00	40.29	-1.92E-01	-1.46E+00
	16.00	9.47E-06	-9.14E-06	5.63E-07	1.12E-04	4.69E-05	-1.19E-04	5.70E-05	-5.67E-05			
94	645.75	-1.91E-01	-2.55E-01	-1.45E-01	9.43E-01	2.49E-01	-7.94E-01	7.20E-01	-1.17E+00	44.02	-1.91E-01	9.43E-01
	24.00	-8.42E-07	-3.31E-06	9.10E-07	7.25E-05	1.91E-05	-6.11E-05	3.42E-05	-3.83E-05			
95	613.10	-7.14E-02	-2.71E-01	-1.50E-01	1.68E+00	1.97E-01	-4.63E-01	1.52E+00	-1.86E+00	43.31	-7.14E-02	1.68E+00
	69.33	2.66E-06	-5.00E-06	-3.73E-07	1.29E-04	1.52E-05	-3.57E-05	6.37E-05	-6.60E-05			
96	708.45	-3.69E-01	-1.73E-01	-1.14E-01	7.51E-01	2.54E-01	-6.49E-01	4.86E-01	-1.03E+00	48.73	-6.24E-01	-6.70E-01
	55.00	-7.00E-06	5.59E-07	2.84E-06	5.78E-05	1.95E-05	-4.99E-05	2.59E-05	-3.24E-05			
97	613.10	-8.84E-01	-3.99E-01	-3.97E-01	5.96E-01	7.14E-01	-3.68E-01	2.55E-03	-1.28E+00	56.09	-3.98E-01	-5.96E-01
	96.00	-1.56E-05	3.14E-06	3.19E-06	4.59E-05	5.49E-05	-2.83E-05	1.86E-05	-3.10E-05			
98	682.27	-3.84E-01	-2.21E-01	-1.38E-01	1.13E+00	2.07E-01	-7.59E-01	8.30E-01	-1.44E+00	47.06	6.26E-01	-6.49E-01
	112.00	-6.61E-06	-3.35E-07	2.86E-06	8.69E-05	1.59E-05	-5.84E-05	4.01E-05	-4.70E-05			
99	751.43	-1.57E+00	-1.24E-01	-5.17E-01	1.10E+00	6.99E-01	-1.39E+00	4.69E-01	-2.16E+00	61.67	-1.24E-01	-1.10E+00
	96.00	-3.61E-05	1.95E-05	4.42E-06	8.45E-05	5.37E-05	-1.07E-04	4.23E-05	-5.89E-05			
100	683.25	-3.71E-01	-2.03E-01	-9.97E-02	3.85E-01	1.57E-01	-4.26E-01	1.08E-01	-6.61E-01	51.15	-3.71E-01	3.85E-01
	152.00	-6.86E-06	-3.95E-07	3.56E-06	2.96E-05	1.20E-05	-3.28E-05	1.15E-05	-1.88E-05			
101	648.67	-1.77E+00	-8.61E-01	-8.86E-01	3.13E-01	5.06E-01	-3.32E-01	-7.64E-01	-1.87E+00	72.71	-8.61E-01	-3.13E-01
	192.00	-2.94E-05	5.51E-06	4.58E-06	2.41E-05	3.89E-05	-2.56E-06	9.26E-06	-3.32E-05			
102	725.25	-3.42E-01	8.64E-02	4.00E-02	3.55E-01	1.22E-01	-3.01E-01	2.87E-01	-5.43E-01	60.55	-1.34E-01	-4.15E-01
	232.70	-1.08E-05	5.70E-06	3.91E-06	2.73E-05	9.35E-06	-2.32E-05	1.34E-05	-1.85E-05			
103	635.50	-2.22E-01	-2.11E-01	-4.32E-02	5.87E-02	8.50E-02	-1.61E-02	-1.57E-01	-2.75E-01	47.67	-2.22E-01	5.87E-02
	256.00	-3.30E-06	-2.88E-06	3.56E-06	4.52E-05	6.54E-06	-1.24E-06	-8.20E-07	-5.36E-06			
104	635.50	-7.62E-01	-5.02E-01	-3.28E-01	3.79E-02	3.42E-01	-3.93E-02	-4.97E-01	-7.68E-01	81.91	-5.02E-01	-3.78E-02

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	290.67	-1.18E-05	-1.61E-06	4.59E-06	2.91E-06	2.63E-05	-3.03E-06	-1.60E-06	-1.20E-05				
105	560.00	2.18E-01	-2.41E-01	-8.41E-02	1.48E+00	3.51E-01	-1.34E+00	1.46E+00	-1.51E+00	40.59	2.16E-01	1.48E+00	
	16.50	9.56E-06	-8.10E-06	-2.05E-06	1.14E-04	3.01E-05	-1.03E-04	5.83E-05	-5.68E-05				
106	508.50	3.44E+00	2.23E+00	2.15E+00	1.16E+00	9.70E-01	-4.17E-01	4.14E+00	1.53E+00	31.15	2.23E+00	-1.16E+00	
	13.00	4.65E-05	-2.84E-07	-3.23E-06	8.91E-05	7.46E-05	-3.21E-05	7.34E-05	-2.72E-05				
107	521.00	8.47E-01	2.69E-01	2.51E-01	1.49E+00	3.45E-01	-7.74E-01	2.08E+00	-9.38E-01	39.76	8.47E-01	1.49E+00	
	15.75	1.72E-05	-3.88E-06	-5.69E-06	1.14E-04	2.65E-05	-5.95E-05	6.48E-05	-5.14E-05				
108	526.25	7.17E-01	2.28E-01	2.06E-01	1.64E+00	2.83E-01	-7.97E-01	2.13E+00	-1.19E+00	40.76	7.17E-01	1.64E+00	
	21.00	1.49E-05	-3.89E-06	-4.72E-06	1.26E-04	2.18E-05	-6.13E-05	6.93E-05	-5.82E-05				
109	515.50	2.17E+00	1.39E+00	1.37E+00	2.05E+00	6.32E-01	-4.23E-01	3.87E+00	-3.14E-01	39.55	1.38E+00	-2.05E+00	
	26.00	2.95E-05	-9.47E-07	-1.47E-06	1.58E-04	4.86E-05	-3.25E-05	9.47E-05	-6.62E-05				
110	531.50	2.59E-01	7.13E-02	3.50E-02	1.32E+00	1.87E-01	-6.65E-01	1.49E+00	-1.16E+00	42.97	2.59E-01	1.32E+00	
	34.50	5.95E-06	-1.27E-06	-2.67E-06	1.02E-04	1.44E-05	-5.12E-05	5.33E-05	-4.86E-05				
111	515.50	-8.19E-01	-1.39E+00	-1.02E+00	3.98E+00	1.35E-01	-3.61E-01	2.89E+00	-5.09E+00	42.99	-8.19E-01	3.98E+00	
	44.00	3.86E-06	-1.76E-05	-3.91E-06	3.06E-04	1.04E-05	-2.78E-05	1.47E-04	-1.60E-04				
112	515.50	-1.51E-01	-1.18E-01	-1.24E-01	9.10E-01	3.14E-01	-3.37E-01	7.75E-01	-1.04E+00	45.51	-1.18E-01	-9.10E-01	
	53.33	-1.48E-06	-2.34E-07	-4.43E-07	7.00E-05	2.42E-05	-2.59E-05	3.41E-05	-3.58E-05				
113	547.50	-7.61E-01	-2.33E-01	-4.13E-01	1.36E+00	2.16E-01	-1.13E+00	8.89E-01	-1.88E+00	50.49	1.94E-01	-1.20E+00	
	64.00	-1.38E-05	6.50E-06	-4.17E-07	1.05E-04	1.66E-05	-8.72E-05	4.96E-05	-5.69E-05				
114	515.50	-1.16E+00	-1.43E+00	-1.06E+00	1.68E+00	8.46E-02	-5.20E-01	3.89E-01	-2.98E+00	42.74	-1.16E+00	1.68E+00	
	74.67	-4.56E-06	-1.48E-05	-7.41E-07	1.29E-04	6.51E-06	-4.00E-05	5.51E-05	-7.44E-05				
115	515.50	-2.08E+00	-1.34E+00	-1.36E+00	5.85E-01	2.99E-01	-3.12E-01	-1.02E+00	-2.40E+00	61.16	-1.34E+00	-5.85E-01	
	88.00	-2.75E-05	9.12E-07	3.69E-07	4.50E-05	2.30E-05	-2.40E-05	1.33E-05	-3.95E-05				
116	547.50	-1.43E+00	-3.61E-01	-7.05E-01	1.69E+00	2.26E-01	-1.05E+00	8.80E-01	-2.67E+00	53.77	3.73E-01	-1.24E+00	
	104.00	-2.76E-05	1.36E-05	3.48E-07	1.30E-04	1.74E-05	-8.07E-05	6.13E-05	-7.54E-05				
117	515.50	-5.45E-01	-6.39E-01	-4.15E-01	1.30E+00	1.56E-02	-6.81E-01	7.13E-01	-1.90E+00	43.96	-5.45E-01	1.30E+00	
	120.00	-3.37E-06	-7.01E-06	1.60E-06	1.00E-04	1.20E-06	-5.24E-05	4.50E-05	-5.54E-05				
118	515.50	-1.53E+00	-9.60E-01	-9.12E-01	5.02E-01	1.45E-01	-2.65E-01	-6.68E-01	-1.82E+00	59.79	-9.60E-01	-5.02E-01	
	136.00	-2.15E-05	4.56E-07	2.31E-06	3.96E-05	1.12E-05	-2.04E-05	1.17E-05	-3.27E-05				
119	547.50	-1.19E+00	-4.05E-01	-5.59E-01	1.21E+00	1.25E-01	-7.11E-01	4.71E-01	-2.07E+00	54.01	1.16E-01	-8.80E-01	
	152.00	-2.21E-05	8.08E-06	2.17E-06	9.28E-05	9.64E-06	-5.47E-05	4.18E-05	-5.58E-05				
120	515.50	-5.59E-01	-5.36E-01	-3.08E-01	9.23E-01	-1.67E-02	-5.35E-01	3.75E-01	-1.47E+00	45.36	-5.59E-01	9.23E-01	
	168.00	-6.09E-06	-5.20E-06	3.58E-06	7.10E-05	-1.28E-06	-4.12E-05	2.98E-05	-4.11E-05				
121	515.50	-1.90E+00	-1.19E+00	-1.10E+00	3.96E-01	9.24E-02	-2.00E-01	-1.01E+00	-2.08E+00	66.09	-1.19E+00	-3.96E-01	
	184.00	-2.71E-05	4.67E-07	3.61E-06	3.04E-05	7.10E-06	-1.54E-05	7.22E-06	-3.39E-05				
122	547.50	-8.19E-01	1.39E-01	-1.48E-01	1.26E+00	7.50E-02	-8.48E-01	1.01E+00	-1.69E+00	55.40	6.76E-01	-8.87E-01	
	200.00	-2.24E-05	1.45E-05	3.40E-06	9.70E-05	5.77E-06	-6.53E-05	4.79E-05	-5.59E-05				
123	515.50	1.94E-01	3.13E-01	3.94E-01	6.60E-01	-1.26E-01	-6.56E-01	9.16E-01	-4.09E-01	47.57	1.94E-01	6.60E-01	
	216.00	-2.44E-06	2.13E-06	5.25E-06	5.07E-05	-9.67E-06	-5.04E-05	2.53E-05	-2.56E-05				
124	515.50	-5.17E-01	-2.83E-01	-1.60E-01	1.56E-01	-1.99E-01	-1.31E-01	-2.05E-01	-5.95E-01	63.39	-2.83E-01	-1.56E-01	
	232.00	-9.33E-06	-3.36E-07	4.39E-06	1.20E-05	-1.53E-05	-1.01E-05	2.67E-06	-1.23E-05				
125	547.50	-4.08E-01	-2.85E-01	-1.27E-01	2.92E-01	-9.41E-02	-2.67E-01	-4.82E-02	-6.45E-01	50.93	-1.55E-01	-2.29E-01	
	248.00	-6.68E-06	-1.96E-06	4.14E-06	2.25E-05	-7.24E-06	-2.05E-05	7.15E-06	-1.58E-05				
126	515.50	3.17E-01	4.66E-01	5.17E-01	-3.57E-03	-1.62E-01	-5.49E-01	4.66E-01	3.17E-01	-88.63	3.17E-01	-3.57E-03	
	264.00	-2.10E-06	3.63E-06	5.61E-06	-2.74E-07	-1.25E-05	-4.22E-05	3.64E-06	-2.10E-06				
127	515.50	-3.07E-01	-1.67E-01	-5.09E-02	4.85E-02	-3.10E-01	-7.10E-02	-1.52E-01	-3.22E-01	72.62	-1.67E-01	-4.85E-02	
	276.00	-6.04E-06	-6.55E-07	3.81E-06	3.73E-06	-2.39E-05	-5.46E-06	-7.12E-08	-6.62E-06				
128	531.50	1.90E-01	1.40E-01	2.93E-01	3.55E-02	-1.43E-01	-4.52E-02	2.09E-01	1.22E-01	27.47	1.90E-01	3.55E-02	
	297.00	4.65E-07	-1.45E-06	4.41E-06	2.73E-06	-1.10E-05	-3.47E-06	1.16E-06	-2.16E-06				
129	515.50	8.03E-01	6.78E-01	7.72E-01	-1.65E-01	-1.55E-01	-3.94E-01	9.17E-01	5.64E-01	-34.62	8.03E-01	-1.65E-01	
	320.00	6.13E-06	1.32E-06	4.94E-06	-1.27E-05	-1.20E-05	-3.03E-05	1.05E-05	-3.07E-06				
183	565.50	9.56E-02	-2.61E-01	-1.99E-01	2.24E+00	5.15E-01	-1.80E+00	2.17E+00	-2.33E+00	42.73	9.56E-02	2.24E+00	
	-8.00	7.68E-06	-6.02E-06	-3.66E-06	1.72E-04	3.96E-05	-1.38E-04	8.73E-05	-8.56E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .8900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1.	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0	.0000E+00	.0000E+00
	-.3673E+02	-.2274E+03	-.6936E+02	.240	.5256E+02	-.3645E+02
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.2682E+01	.1062E+01	.3400E+00	.2349E+02	-.1422E+02	-.1942E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1907E+01	-.2469E+00	.9451E-01	.3850E+02	-.3056E+02	-.3590E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2754E+01	.6634E+00	-.4628E-01	.5382E+02	-.4844E+02	-.5238E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.2624E+01	-.3130E+00	-.4786E-01	.6891E+02	-.6577E+02	-.7049E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1500E+01	-.5242E+00	.1457E+00	.9007E+02	-.8418E+02	-.9200E+02
25	.9101E+01	.1455E+01	-.1114E-01	.1113E+03	-.9295E+02	-.1128E+03
26	.4246E+01	.1011E+01	-.1458E+00	.1214E+03	-.9825E+02	-.1281E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.5301E+02	-.9597E+01	.1291E+01	.1255E+03	-.1363E+03	-.1404E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.6390E+03	.1182E+03	-.9275E+01	.1715E+03	-.3708E+03	-.2198E+03
40	.5020E+03	.8551E+02	-.3665E+01	.1634E+03	-.3658E+03	-.2022E+03
41	.3918E+03	.5838E+02	.3211E+01	.1432E+03	-.3314E+03	-.1760E+03
42	.1129E+03	.1228E+02	.5302E+01	.1262E+03	-.2341E+03	-.1538E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1201E+04	-.1636E+03	-.7071E+01	.3470E+02	-.3909E+03	.1046E+03
48	-.1049E+04	-.1411E+03	-.7699E+01	.4759E+02	-.3638E+03	.7544E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1457E+04	-.2219E+03	-.6872E+01	-.6115E+02	-.2742E+03	.3347E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.4875E+01	.2700E+01	-.8555E+00	.2101E+02	-.3854E+03	.9797E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.9956E+03	-.1512E+03	-.6801E+01	-.3677E+02	-.2216E+03	.3166E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.6952E+03	-.1060E+03	-.9104E+01	-.3501E+02	-.2077E+03	.3078E+03
66	-.2268E+03	-.3542E+02	-.1142E+02	-.4057E+02	-.1730E+03	.3210E+03
67	.4953E+03	.7315E+02	-.1136E+02	-.3861E+02	-.1368E+03	.3209E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.9824E+03	.1314E+03	-.9475E+01	-.7074E+00	-.1064E+03	.3101E+03
76	-.9422E+02	-.1509E+02	-.6327E+01	.9210E+01	-.6643E+02	.3109E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.3668E+03	.5481E+02	-.4508E+01	.1968E+02	-.1832E+02	.3013E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1579E+03	-.2363E+02	-.3140E+01	.3935E+02	.1005E+02	.2914E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2127E+03	.3229E+02	-.2776E+01	.2835E+02	.5001E+02	.2703E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1495E+03	-.2176E+02	-.2342E+01	.2569E+02	.7315E+02	.2474E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1686E+03	.2629E+02	-.2393E+01	.2752E+02	.1069E+03	.2219E+03
109	-.1009E+03	-.1394E+02	-.1973E+01	.3089E+02	.1284E+03	.1923E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1386E+03	.2225E+02	-.1917E+01	.1559E+02	.1530E+03	.1582E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.5244E+02	.9442E+01	-.2414E+00	.6366E+01	.1635E+03	.1235E+03
115	.3024E+02	.6175E+01	.2823E+00	.1434E+01	.1637E+03	.8915E+02
116	.3576E+02	.7194E+01	.7057E+00	-.3087E+01	.1704E+03	.6534E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.5158E+02	.9656E+01	.1173E+01	.2698E+01	.1745E+03	.5950E+02
119	.3647E+02	.7250E+01	.1623E+01	-.1379E+02	.1593E+03	.3169E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1021E+03	.1335E+02	.5980E+01	-.1187E+02	.1390E+03	.1506E+02
122	.8419E+02	.6280E+01	.1034E+02	.3263E+01	.1339E+03	.1726E+02
123	.6351E+02	.4086E+01	.9296E+01	.1373E+01	.1170E+03	.1558E+02
124	.4588E+02	.2821E+01	.6429E+01	.9288E+00	.9634E+02	.1423E+02
125	.3005E+02	.1369E+01	.4735E+01	.1507E+00	.7964E+02	.1293E+02
126	.9313E+01	-.1877E+01	.4406E+01	-.8416E+00	.6698E+02	.1155E+02
127	-.5806E+01	-.4406E+01	.4499E+01	-.1486E+01	.5721E+02	.9791E+01
128	-.2140E+02	-.6503E+01	.4332E+01	-.3065E+01	.3720E+02	.7797E+01
129	-.2166E+02	-.5636E+01	.3690E+01	-.3718E+01	.2111E+02	.6039E+01
130	-.1501E+02	-.3447E+01	.2759E+01	-.3728E+01	.9321E+01	.4801E+01
131	-.4000E+01	-.6293E+00	.1932E+01	-.3[illegible]	.2991E+01	.4015E+01
[illegible]	.3045E+00	.2822E+00	.1439E+01	-.[illegible]	.3342E+01	.3460E+01

[illegible]	.9209E+00	.2511E+00	.1307E+01	-.1[illegible]	.4039E+01	.2511E+01
1[illegible]	.2200E+00	.7077E-01	.1301E+01	-.1202[illegible]	.3462E+01	.2292E+01
135	-.4632E-02	.4125E-02	.1459E+01	-.2066E+00	.2446E+01	.1690E+01
136	.6787E-02	.9791E-02	.1943E+01	-.5266E+00	.1589E+01	.1128E+01
137	-.3633E-01	-.1276E-01	.3069E+01	-.4116E+00	.7139E+00	.6156E+00
138	.2750E-01	.6923E-01	.5242E+02	-.2421E+00	-.1799E+00	.3010E+00
139	.4665E-01	.7884E-01	-.2063E+02	-.4162E-01	.9525E-01	-.9042E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.15508E-02	.55334E-05	-.15605E-02	.00000E+00
3	.27328E-02	.29902E-04	-.27251E-02	.00000E+00
4	.29129E-02	.34552E-04	-.28941E-02	.00000E+00
5	.30806E-02	-.11431E-04	-.30815E-02	.00000E+00
6	.33365E-02	.28521E-05	-.33360E-02	.20834E-05
7	.31622E-02	.12383E-03	-.31983E-02	.00000E+00
8	.33435E-02	.96204E-04	-.33536E-02	.44302E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.15325E-02	.38359E-04	-.15399E-02	.00000E+00
11	.27149E-02	.81348E-04	-.27507E-02	.00000E+00
12	.29603E-02	.10559E-03	-.30087E-02	.00000E+00
13	.31580E-02	.85922E-04	-.31847E-02	.00000E+00
14	.33542E-02	.12905E-03	-.34030E-02	.11885E-05
15	.31622E-02	.24153E-03	-.33160E-02	.00000E+00
16	.33734E-02	.22025E-03	-.34837E-02	.34522E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.15233E-02	.79162E-04	-.15833E-02	.00000E+00
19	.27301E-02	.17003E-03	-.28542E-02	.00000E+00
20	.29756E-02	.21189E-03	-.31336E-02	.00000E+00
21	.31961E-02	.18016E-03	-.33359E-02	.00000E+00
22	.33969E-02	.22312E-03	-.35970E-02	.11907E-05
23	.32303E-02	.41332E-03	-.35448E-02	.00000E+00
24	.34311E-02	.39317E-03	-.37457E-02	.23913E-05
25	.34564E-02	.45242E-03	-.38414E-02	.57495E-06
26	.34712E-02	.46736E-03	-.38982E-02	.19164E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.14570E-02	.15779E-03	-.15840E-02	.00000E+00
29	.26933E-02	.33311E-03	-.29085E-02	.00000E+00
30	.29956E-02	.41218E-03	-.32560E-02	.00000E+00
31	.32648E-02	.46364E-03	-.35807E-02	.00000E+00
32	.34959E-02	.54529E-03	-.39611E-02	.64406E-05
33	.32344E-02	.60627E-03	-.35683E-02	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.14122E-02	.19725E-03	-.15648E-02	.00000E+00
36	.26581E-02	.41574E-03	-.28733E-02	.00000E+00
37	.29947E-02	.47325E-03	-.32244E-02	.00000E+00
38	.32947E-02	.62313E-03	-.36726E-02	.00000E+00
39	.35333E-02	.77016E-03	-.40762E-02	.14490E-06
40	.35280E-02	.74787E-03	-.40502E-02	.36029E-05
41	.35231E-02	.69589E-03	-.40261E-02	.54286E-05
42	.35050E-02	.62376E-03	-.39967E-02	.65685E-05
43	.28188E-02	.57327E-03	-.29970E-02	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.11672E-02	.13169E-03	-.13039E-02	.00000E+00
46	.24718E-02	.41351E-03	-.25750E-02	.00000E+00
47	.35356E-02	.76347E-03	-.40856E-02	-.12775E-05
48	.35351E-02	.76310E-03	-.40848E-02	-.13646E-05
49	.32832E-02	.62884E-03	-.36373E-02	.00000E+00
50	.35589E-02	.77122E-03	-.40925E-02	-.61807E-05
51	.32036E-02	.65963E-03	-.34519E-02	.00000E+00
52	.36011E-02	.71195E-03	-.37462E-02	.00000E+00

53	.35373E-02	.74336E-03	-.40889E-02	-.11228E-05
54	.27263E-02	.45014E-03	-.26819E-02	.00000E+00
55	.30593E-02	.54414E-03	-.29894E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.03924E-03	.15396E-03	-.77123E-03	.00000E+00
58	.20061E-02	.18108E-03	-.13590E-02	.00000E+00
59	.35836E-02	.50122E-03	-.33544E-02	.00000E+00
60	.35745E-02	.68365E-03	-.35744E-02	.00000E+00
61	.35837E-02	.77342E-03	-.40993E-02	-.10109E-04
62	.24066E-02	.24191E-03	-.16340E-02	.00000E+00
63	.28439E-02	.31497E-03	-.22151E-02	.00000E+00
64	.36731E-02	.71937E-03	-.37875E-02	.00000E+00
65	.36193E-02	.77538E-03	-.41034E-02	-.12854E-04
66	.37063E-02	.77209E-03	-.41137E-02	-.15984E-04
67	.39022E-02	.78301E-03	-.41254E-02	-.15491E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.68396E-03	.23098E-04	-.27591E-03	.00000E+00
70	.20025E-02	.14076E-03	-.89702E-03	.00000E+00
71	.33112E-02	.36330E-03	-.23857E-02	.00000E+00
72	.37528E-02	.70999E-03	-.37560E-02	.00000E+00
73	.24534E-02	.17351E-03	-.65007E-03	.00000E+00
74	.39818E-02	.73774E-03	-.39121E-02	.00000E+00
75	.38867E-02	.78613E-03	-.41346E-02	-.12135E-04
76	.40051E-02	.79553E-03	-.41600E-02	-.89142E-05
77	.29304E-02	.21908E-03	-.12426E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.76139E-03	.67391E-04	-.19156E-03	.00000E+00
80	.17684E-02	.60324E-04	-.35647E-03	.00000E+00
81	.19367E-02	.64584E-04	-.26254E-03	.00000E+00
82	.22587E-02	.91269E-04	-.87142E-03	.00000E+00
83	.36955E-02	.40620E-03	-.25668E-02	.00000E+00
84	.32111E-02	.21280E-03	-.14151E-02	.00000E+00
85	.41417E-02	.80587E-03	-.41830E-02	-.72977E-05
86	.41248E-02	.77092E-03	-.40710E-02	.00000E+00
87	.28021E-02	.13351E-03	-.70762E-03	.00000E+00
88	.40385E-02	.62781E-03	-.33332E-02	.00000E+00
89	.42403E-02	.81356E-03	-.42114E-02	-.59844E-05
90	.15613E-02	-.21100E-04	.18678E-02	.00000E+00
91	.18796E-02	-.48908E-04	.16678E-02	.00000E+00
92	.21219E-02	-.83047E-05	.16156E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.57938E-03	.00000E+00	.10824E-02	.00000E+00
95	.11195E-02	.00000E+00	.19040E-02	.00000E+00
96	.14054E-02	.00000E+00	.20202E-02	.00000E+00
97	.14344E-02	.00000E+00	.22708E-02	.00000E+00
98	.12438E-02	.00000E+00	.23257E-02	.00000E+00
99	.16482E-02	-.17561E-04	.22754E-02	.00000E+00
100	.25853E-02	.33231E-04	.82696E-03	.00000E+00
101	.35510E-02	.26545E-03	-.12542E-02	.00000E+00
102	.43880E-02	.83599E-03	-.42444E-02	-.52671E-05
103	.38632E-02	.46221E-03	-.24951E-02	.00000E+00
104	.44182E-02	.82336E-03	-.41805E-02	.00000E+00
105	.44908E-02	.84723E-03	-.42721E-02	-.42364E-05
106	.41294E-02	.56227E-03	-.30563E-02	.00000E+00
107	.45580E-02	.84716E-03	-.41328E-02	.00000E+00
108	.45981E-02	.85349E-03	-.42905E-02	-.40061E-05
109	.46811E-02	.86330E-03	-.43051E-02	-.34934E-05
110	.44914E-02	.77206E-03	-.32351E-02	.00000E+00
111	.47454E-02	.91534E-03	-.41601E-02	.00000E+00
112	.47669E-02	.87775E-03	-.43060E-02	-.30941E-05
113	.46877E-02	.75255E-03	-.35902E-02	.00000E+00
114	.48145E-02	.87765E-03	-.43052E-02	-.79236E-06
115	.48148E-02	.88109E-03	-.42904E-02	[illegible]71E-06
	.47928E-02	.87395E-03	-.42698E-02	[illegible]97E-05

	.47659E-02	.65290E-03	-.43236E-02	.00000E+00
118	.47764E-02	.87352E-03	-.42571E-02	.[illegible]4E-05
119	.47173E-02	.87144E-03	-.42320E-02	.[illegible]19E-05
120	.48229E-02	.90297E-03	-.42501E-02	.00000E+00
121	.46107E-02	.86251E-03	-.41977E-02	.49530E-05
122	.46096E-02	.82218E-03	-.42025E-02	.57338E-05
123	.45949E-02	.78658E-03	-.42049E-02	.63718E-05
124	.45785E-02	.74479E-03	-.42073E-02	.71220E-05
125	.45569E-02	.69992E-03	-.42092E-02	.80358E-05
126	.45151E-02	.61184E-03	-.42122E-02	.91349E-05
127	.44703E-02	.51150E-03	-.42149E-02	.93391E-05
128	.43830E-02	.32488E-03	-.42202E-02	.79214E-05
129	.43103E-02	.17458E-03	-.42247E-02	.56784E-05
130	.42758E-02	.63140E-04	-.42295E-02	.30204E-05
131	.42564E-02	.47351E-05	-.42369E-02	.10074E-06
132	.42627E-02	.23042E-04	-.42439E-02	-.62296E-06
133	.42684E-02	.42369E-04	-.42502E-02	-.24747E-06
134	.42692E-02	.43451E-04	-.42557E-02	.84072E-07
135	.42683E-02	.34240E-04	-.42603E-02	.23070E-06
136	.42673E-02	.22749E-04	-.42636E-02	.21545E-06
137	.42668E-02	.11754E-04	-.42657E-02	.22614E-06
138	.42665E-02	.13743E-05	-.42666E-02	.15315E-06
139	.42665E-02	.18454E-06	-.42665E-02	.18130E-06

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9000E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.94E-03	1.07E-02	4.03E-03	1.90E-01	1.44E-03	-1.91E-01	1.97E-01	-1.82E-01	45.51	3.94E-03	1.90E-01
	-303.00	-6.36E-08	2.44E-07	-5.94E-08	1.72E-05	1.31E-07	-1.74E-05	8.71E-06	-8.53E-06			
2	72.00	1.35E-03	1.24E-02	6.62E-04	1.48E-01	1.54E-03	-1.51E-01	1.55E-01	-1.41E-01	46.07	1.35E-03	1.48E-01
	-213.00	-1.26E-07	3.77E-07	-1.57E-07	1.34E-05	1.40E-07	-1.37E-05	6.84E-06	-6.59E-06			
3	72.00	9.08E-03	1.50E-02	-4.25E-03	9.74E-02	-6.30E-03	-9.75E-02	9.95E-02	-7.54E-02	45.97	9.08E-03	8.74E-02
	-138.00	1.02E-07	2.37E-07	-2.00E-07	3.97E-06	-2.86E-07	-4.43E-06	2.16E-06	-1.82E-06			
4	24.00	1.27E-01	9.61E-02	1.18E-01	1.51E-01	-3.13E-02	-1.66E-01	2.63E-01	-4.04E-02	42.10	1.27E-01	1.51E-01
	-68.00	1.13E-06	-4.52E-08	7.83E-07	1.16E-05	-2.40E-06	-1.28E-05	6.39E-06	-5.30E-06			
5	72.00	-6.92E-02	-3.80E-02	-6.73E-02	7.68E-02	5.16E-03	-8.07E-02	2.48E-02	-1.32E-01	50.74	-3.80E-02	-7.68E-02
	-88.00	-7.43E-07	4.56E-07	-6.72E-07	5.91E-06	3.97E-07	-6.21E-06	2.87E-06	-3.16E-06			
6	120.00	-4.38E-02	-5.15E-02	-5.28E-02	1.23E-01	7.69E-03	-1.29E-01	7.50E-02	-1.70E-01	44.11	7.22E-02	-2.58E-02
	-68.00	-5.92E-08	-3.52E-07	-4.03E-07	9.43E-06	5.92E-07	-9.91E-06	4.51E-06	-4.92E-06			
7	36.25	2.51E-02	5.85E-03	6.85E-04	6.98E-02	-8.01E-03	-6.48E-02	8.59E-02	-5.49E-02	41.07	2.27E-02	7.00E-02
	-19.00	6.18E-07	-1.23E-07	-3.22E-07	5.37E-06	-6.16E-07	-4.99E-06	2.96E-06	-2.46E-06			
8	108.00	-3.86E-03	-1.40E-03	-1.24E-02	4.18E-02	4.31E-04	-5.50E-02	3.92E-02	-4.44E-02	45.84	-3.86E-03	4.18E-02
	-19.00	4.51E-08	1.40E-07	-2.62E-07	3.21E-06	3.31E-08	-4.23E-06	1.70E-06	-1.52E-06			
9	216.00	2.32E-02	3.82E-02	2.22E-02	1.88E-01	-7.98E-04	-1.92E-01	2.19E-01	-1.58E-01	46.15	2.32E-02	1.88E-01
	-303.00	-3.21E-08	6.53E-07	-7.80E-08	1.71E-05	-7.26E-08	-1.75E-05	8.88E-06	-8.26E-06			
10	216.00	2.27E-02	3.86E-02	1.643E-02	1.51E-01	-2.72E-03	-1.56E-01	1.82E-01	-1.21E-01	46.51	2.27E-02	1.51E-01
	-213.00	2.10E-08	7.46E-07	-2.63E-07	1.37E-05	-2.47E-07	-1.42E-05	7.25E-06	-6.49E-06			
11	216.00	1.22E-02	3.16E-02	-1.11E-02	1.05E-01	-8.13E-03	-1.13E-01	1.27E-01	-8.34E-02	47.64	1.22E-02	1.05E-01
	-138.00	1.06E-07	5.47E-07	-4.24E-07	4.77E-06	-3.69E-07	-5.14E-06	2.72E-06	-2.07E-06			
12	168.00	7.33E-02	1.14E-01	6.43E-02	1.57E-01	-2.00E-02	-1.51E-01	2.52E-01	-6.53E-02	48.65	7.33E-02	1.57E-01
	-68.00	5.84E-08	1.61E-06	-2.88E-07	1.21E-05	-1.54E-06	-1.16E-05	6.94E-06	-5.27E-06			
13	216.00	-8.40E-02	-3.66E-02	-7.49E-02	7.72E-02	3.42E-03	-7.20E-02	2.04E-02	-1.41E-01	53.55	-3.66E-02	-7.72E-02
	-88.00	-1.08E-06	7.41E-07	-7.32E-07	5.94E-06	2.63E-07	-5.54E-06	2.93E-06	-3.28E-06			
14	264.00	-2.37E-02	-5.06E-02	-5.15E-02	1.25E-01	4.18E-03	-1.38E-01	8.84E-02	-1.63E-01	41.93	8.32E-02	-3.57E-02
	-68.00	4.70E-07	-5.44E-07	-5.99E-07	9.61E-06	3.21E-07	-1.06E-05	4.78E-06	-4.88E-06			
15	180.00	-2.07E-03	-1.39E-03	-1.85E-02	6.80E-02	-1.30E-02	-5.55E-02	6.62E-02	-6.97E-02	45.14	-2.07E-03	6.80E-02
	-19.00	1.62E-07	1.69E-07	-4.72E-07	5.23E-06	-1.00E-06	-4.27E-06	2.79E-06	-2.44E-06			
16	252.00	1.19E-02	7.50E-03	-1.41E-02	4.14E-02	-4.24E-03	-5.93E-02	5.11E-02	-3.17E-02	43.48	1.19E-02	4.14E-02
	-19.00	3.08E-07	2.30E-07	-5.993-07	3.18E-06	-3.26E-07	-4.56E-06	1.91E-06	-1.28E-06			
17	361.00	3.73E-02	7.12E-02	3.94E-02	1.85E-01	1.40E-03	-1.91E-01	2.40E-01	-1.32E-01	47.62	3.73E-02	1.85E-01

	-303.00	-2.27E-07	1.32E-06	-1.29E-07	1.68E-05	1.27E-07	-1.78E-05	8.99E-06	-7.90E-06				
18	361.00	2.72E-02	6.82E-02	2.60E-02	1.58E-01	1.54E-03	-1.64E-01	2.08E-01	-1.12E-01	48.68	2.72E-02	1.59E-01	
	-213.00	-3.53E-07	1.51E-06	-3.645E-07	1.44E-05	1.76E-07	-1.40E-05	7.85E-06	-6.65E-06				
19	361.00	9.83E-03	5.41E-02	-1.67E-02	1.28E-01	-1.77E-03	-1.32E-01	1.62E-01	-9.80E-02	49.94	9.83E-03	1.28E-01	
	-138.00	-5.79E-03	9.58E-07	-5.25E-07	5.83E-06	-8.04E-08	-6.01E-06	3.41E-06	-2.51E-06				
20	312.00	1.30E-01	1.74E-01	1.055E-01	1.93E-01	-3.11E-02	-1.86E-01	3.46E-01	-4.02E-02	48.51	1.30E-01	1.93E-01	
	-68.00	4.76E-07	2.30E-06	-5.06E-07	1.48E-05	-2.39E-06	-1.43E-05	8.86E-06	-6.08E-06				
21	360.67	-1.38E-01	-1.01E-01	-1.22E-01	1.12E-01	1.33E-02	-1.09E-01	-6.40E-03	-2.33E-01	49.66	-1.01E-01	-1.12E-01	
	-88.00	-1.33E-06	7.41E-08	-7.22E-07	8.58E-06	1.02E-06	-8.36E-06	3.72E-06	-4.98E-06				
22	409.33	1.04E-01	1.42E-01	7.52E-02	1.77E-01	1.97E-03	-2.16E-01	3.01E-01	-5.55E-02	48.07	3.01E-01	-1.80E-02	
	-68.00	4.66E-07	1.93E-06	-6.36E-07	1.36E-05	1.51E-07	-1.66E-05	8.06E-06	-5.66E-06				
23	324.00	1.06E-02	4.52E-03	-2.12E-02	8.10E-02	-2.26E-02	-6.40E-02	8.86E-02	-7.34E-02	43.92	1.06E-02	8.10E-02	
	-10.00	4.75E-07	2.40E-07	-7.48E-07	6.23E-06	-1.74E-06	-4.92E-06	3.47E-06	-2.76E-06				
24	372.00	9.89E-03	-8.54E-03	-3.04E-02	1.62E-01	-2.36E-02	-1.71E-01	1.63E-01	-1.62E-01	43.34	9.89E-03	1.62E-01	
	-9.33	7.04E-07	-2.04E-08	-8.45E-07	1.25E-05	-1.81E-06	-1.32E-05	6.59E-06	-5.90E-06				
25	401.25	8.90E-02	-7.75E-04	-2.95E-02	5.74E-02	-6.10E-03	-8.08E-02	6.16E-02	-5.35E-02	42.59	-4.52E-02	2.98E-02	
	-10.00	5.77E-07	2.05E-07	-8.99E-07	4.41E-06	-4.69E-07	-6.22E-06	2.61E-06	-1.82E-06				
26	427.67	1.55E-01	2.02E-01	1.16E-01	1.99E-01	-3.34E-02	-2.56E-01	3.79E-01	-2.13E-02	48.35	2.77E-01	1.74E-01	
	-9.33	7.72E-07	2.57E-06	-7.39E-07	1.53E-05	-2.57E-06	-1.97E-05	9.36E-06	-6.02E-06				
27	457.00	4.79E-02	1.02E-01	5.53E-02	1.80E-01	3.97E-03	-1.95E-01	2.57E-01	-1.07E-01	49.27	4.79E-02	1.80E-01	
	-303.00	-4.87E-07	1.97E-06	-1.53E-07	1.64E-05	3.61E-07	-1.77E-05	9.02E-06	-7.53E-06				
28	457.00	2.35E-02	9.16E-02	3.41E-02	1.66E-01	1.08E-02	-1.68E-01	2.27E-01	-1.12E-01	50.81	2.35E-02	1.66E-01	
	-213.00	-8.69E-07	2.23E-06	-3.88E-07	1.51E-05	9.79E-07	-1.52E-05	8.37E-06	-7.01E-06				
29	487.00	-1.11E-02	5.36E-02	-1.61E-02	1.50E-01	2.71E-02	-1.48E-01	1.75E-01	-1.33E-01	51.08	-1.11E-02	1.50E-01	
	-138.00	-3.92E-07	1.08E-06	-5.04E-07	6.83E-06	1.23E-06	-6.72E-06	3.84E-06	-3.15E-06				
30	442.00	1.38E-01	3.05E-01	1.56E-01	2.42E-01	1.44E-02	-2.20E-01	4.78E-01	-3.47E-02	54.50	1.38E-01	2.42E-01	
	-68.00	-1.27E-06	5.15E-06	-5.89E-07	1.86E-05	1.11E-06	-1.70E-05	1.18E-05	-7.92E-06				
31	457.33	-2.62E-01	-3.94E-02	-1.39E-01	7.60E-02	1.22E-01	-1.27E-01	-1.60E-02	-2.86E-01	72.87	-3.94E-02	-7.60E-02	
	-88.00	-5.25E-06	3.33E-06	-5.02E-07	5.84E-06	9.35E-06	-9.78E-06	4.23E-06	-6.15E-06				
32	472.67	5.64E-01	6.80E-01	4.80E-01	1.92E-01	-5.53E-02	-2.82E-01	8.22E-01	4.21E-01	53.43	7.01E-01	1.84E-01	
	-68.00	2.74E-06	7.21E-06	-4.86E-07	1.48E-05	-4.25E-06	-2.17E-05	1.27E-05	-2.74E-06				
33	443.00	4.98E-02	8.09E-02	1.91E-02	1.37E-01	-7.00E-03	-1.11E-01	2.03E-01	-7.21E-02	48.25	4.98E-02	1.37E-01	
	-19.50	2.60E-07	1.47E-06	-9.17E-07	1.05E-05	-5.39E-07	-8.52E-06	6.15E-06	-4.42E-06				
34	454.00	4.69E-01	4.59E-01	3.44E-01	2.92E-01	-7.62E-02	-3.41E-01	7.56E-01	1.72E-01	44.53	5.88E-01	2.64E-01	
	-11.33	4.05E-06	3.68E-06	-7.35E-07	2.24E-05	-5.86E-06	-2.62E-05	1.51E-05	-7.35E-06				
35	461.67	3.08E-01	6.52E-01	2.78E-01	2.70E-01	-1.91E-02	-3.54E-01	6.59E-01	1.01E-01	52.46	3.08E-01	2.70E-01	
	-12.00	4.46E-07	5.98E-06	-7.23E-07	2.08E-05	-1.47E-06	-2.72E-05	1.40E-05	-7.53E-06				
36	469.00	-2.61E-01	-3.81E-02	-1.49E-01	3.05E-02	1.10E-01	-1.54E-01	-3.40E-02	-2.65E-01	62.37	-3.81E-02	-3.05E-02	
	-30.00	-5.12E-06	3.47E-06	-8.06E-07	2.34E-06	8.49E-06	-1.18E-05	3.62E-06	-5.28E-06				
37	476.33	4.00E-01	5.89E-01	3.66E-01	1.97E-01	-2.04E-02	-3.02E-01	7.13E-01	2.75E-01	57.80	4.84E-01	2.19E-01	
	-12.00	4.81E-07	7.76E-06	-7.93E-07	1.52E-05	-1.57E-06	-2.32E-05	1.25E-05	-4.30E-06				
38	558.50	2.32E-02	8.06E-02	3.75E-02	1.55E-01	1.06E-02	-1.77E-01	2.10E-01	-1.06E-01	50.23	2.32E-02	1.55E-01	
	-303.00	-7.90E-07	1.83E-06	-1.30E-07	1.41E-05	9.61E-07	-1.61E-05	7.70E-06	-6.66E-06				
39	558.50	1.99E-02	1.11E-01	4.42E-02	1.53E-01	2.26E-02	-1.63E-01	2.26E-01	-9.45E-02	53.30	1.99E-02	1.53E-01	
	-213.00	-1.37E-06	2.79E-06	-2.72E-07	1.40E-05	2.05E-06	-1.48E-05	7.98E-06	-6.57E-06				
40	506.17	-3.83E-02	2.58E-01	4.16E-02	3.34E-01	7.31E-02	-3.21E-01	4.75E-01	-2.55E-01	56.96	-3.83E-02	3.34E-01	
	-128.00	-2.24E-06	4.49E-06	-4.25E-07	1.52E-05	3.32E-06	-1.46E-05	9.43E-06	-7.17E-06				
41	558.50	-2.27E-01	1.50E-01	-3.37E-02	1.69E-01	1.47E-01	-2.48E-01	2.14E-01	-2.91E-01	69.20	1.50E-01	-1.68E-01	
	-148.00	-4.58E-06	3.99E-06	-1.85E-07	7.62E-06	6.67E-06	-1.13E-05	5.44E-06	-6.03E-06				
42	610.83	3.18E-02	2.55E-01	7.62E-02	2.79E-01	9.20E-02	-2.48E-01	4.44E-01	-1.58E-01	55.67	4.42E-01	3.42E-02	
	-128.00	-1.18E-06	3.88E-06	-1.69E-07	1.27E-05	4.18E-06	-1.13E-05	8.19E-06	-5.48E-06				
43	501.33	-6.61E-02	4.93E-02	-2.73E-02	8.17E-02	5.31E-02	-1.06E-01	9.19E-02	-1.08E-01	62.67	-6.61E-02	8.17E-02	
	-78.00	-2.06E-06	2.39E-06	-5.68E-07	6.28E-06	4.09E-06	-8.13E-06	4.01E-06	-3.69E-06				
44	534.67	9.36E-02	2.22E-01	1.14E-01	2.73E-01	3.80E-02	-3.50E-01	4.38E-01	-1.23E-01	51.59	4.37E-01	1.56E-02	
	-68.00	-1.11E-06	3.80E-06	-3.33E-07	2.10E-05	2.93E-06	-2.69E-05	1.21E-05	-9.44E-06				
45	584.67	-2.48E-02	8.19E-02	1.17E-02	2.02E-01	9.71E-02	-1.87E-01	2.37E-01	-1.80E-01	52.40	-2.48E-02	2.02E-01	
	-68.00	-1.71E-06	2.39E-06	-3.05E-07	1.55E-05	7.47E-06	-1.43E-05	8.37E-06	-7.69E-06				
46	610.83	-2.51E-01	5.84E-02	-7.45E-02	1.12E-01	1.38E-01	-1.68E-01	9.49E-02	-2.88E-01	72.02	5.84E-02	-1.12E-01	
	-88.00	-6.73E-06	5.19E-06	7.26E-08	8.64E-06	1.06E-05	-1.29E-05	6.59E-06	-8.13E-06				
47	482.67	3.19E-02	1.20E-01	2.64E-02	6.17E-02	3.71E-02	-1.20E-01	1.52E-01	1.43E-04	62.77	3.19E-02	6.17E-02	
	-21.00	-7.33E-07	2.66E-06	-9.45E-07	4.75E-06	2.85E-06	-9.26E-06	3.88E-06	-1.95E-06				
48	485.83	[illegible]7E-01	5.60E-01	3.44E-01	1.65E-01	5.41E-03	[illegible]E-01	6.54E-01	2.72E-01	60.15	3.89E-01	1.76E-01	
	-12.00	[illegible]47E-07	7.57E-06	-7.29E-07	1.27E-05	4.93E-07	[illegible]-05	1.12E-05	-3.49E-06				
49	507	[illegible].51E-03	7.79E-02	3.18E-03	6.43E-02	3.26E-02	[illegible]E-01	1.16E-01	-3.14E-02	59.49	6.51E-03	6.4[illegible]	

	-21.00	[illegible]11E-07	2.04E-06	-8.39E-07	4.95E-05	2.51E-06	[illegible]-05	3.49E-06	-2.17E-06				
50	528.67	[illegible]02E-02	1.04E-01	8.46E-02	2.32E-01	1.05E-01	[illegible]-01	3.71E-01	-1.05E-01	51.41	3.69E-01	3.01E[illegible]	
	-10.00	[illegible]25E-07	3.24E-06	-4.61E-07	1.79E-05	8.28E-06	[illegible]-05	1.04E-05	-7.95E-06				
51	484.67	-5.22E-01	-3.68E-01	-3.91E-01	-1.17E-02	3.41E-02	-3.71E-02	-3.47E-01	-5.27E-01	-66.27	-3.48E-01	1.17E-02	
	8.00	-6.34E-06	5.21E-07	-1.13E-06	-9.00E-07	2.62E-06	-2.85E-06	5.50E-07	-6.37E-06				
52	507.00	8.08E-02	1.16E-01	4.69E-02	5.64E-02	5.12E-02	1.59E-01	1.58E-01	3.94E-02	53.71	1.39E-01	4.32E-02	
	9.00	4.28E-07	1.79E-06	-9.78E-07	4.34E-06	3.93E-06	1.22E-05	3.38E-06	-1.17E-06				
53	603.00	-8.54E-03	3.79E-02	1.43E-02	8.01E-02	7.22E-02	-6.95E-02	9.81E-02	-6.87E-02	53.08	-5.34E-02	4.81E-02	
	-18.00	-8.08E-07	9.79E-07	6.93E-08	6.16E-05	5.56E-06	-6.92E-06	3.29E-06	-3.12E-06				
54	712.00	2.02E-02	7.18E-02	3.71E-02	1.30E-01	1.94E-02	-1.28E-01	1.78E-01	-8.61E-02	50.64	-2.02E-02	1.30E-01	
	-303.00	-7.60E-07	1.59E-06	1.10E-08	1.18E-05	1.76E-06	-1.16E-05	6.42E-06	-5.59E-06				
55	712.00	-6.82E-02	2.04E-02	-1.29E-02	1.37E-01	6.19E-02	-1.17E-01	1.20E-01	-1.68E-01	53.95	-6.82E-02	1.37E-01	
	-213.00	-2.31E-06	1.72E-06	2.02E-07	1.25E-05	5.63E-06	-1.06E-05	6.26E-06	-6.85E-06				
56	712.00	-1.57E-01	-3.61E-03	-2.09E-02	8.83E-02	1.56E-01	-6.00E-02	3.66E-02	-1.97E-01	65.50	-1.57E-01	8.83E-02	
	-138.00	-2.62E-06	8.70E-07	4.78E-07	4.01E-06	7.07E-06	-3.64E-06	1.78E-06	-3.53E-06				
57	712.00	-4.27E-02	3.92E-02	1.94E-02	6.59E-02	6.72E-02	-9.25E-02	7.59E-02	-7.93E-02	60.94	-4.27E-02	6.59E-02	
	-78.00	-1.82E-06	1.33E-06	5.71E-07	5.07E-06	5.17E-06	-7.12E-06	2.74E-06	-3.23E-06				
58	712.00	-4.35E-02	2.57E-02	1.80E-02	8.66E-02	6.22E-02	-7.72E-02	8.44E-02	-1.02E-01	55.89	-4.35E-02	8.66E-02	
	-18.00	-1.68E-06	9.87E-07	6.91E-07	6.66E-06	4.79E-06	-5.94E-06	3.24E-06	-3.93E-06				
59	837.00	-3.38E-01	-1.63E-01	-2.00E-01	1.04E-01	5.66E-02	-9.43E-02	-1.15E-01	-3.86E-01	65.14	-1.63E-01	-1.04E-01	
	-318.00	-6.26E-06	1.71E-06	.00E+00	9.41E-06	5.14E-06	-8.57E-06	3.89E-06	-8.44E-06				
60	887.00	-1.45E-02	7.19E-02	2.30E-02	2.72E-01	3.63E-02	-1.62E-01	3.05E-01	-2.47E-01	49.50	2.89E-01	-9.01E-02	
	-288.00	-1.70E-06	2.22E-06	.00E+00	2.48E-05	3.30E-06	-1.47E-05	1.28E-05	-1.23E-05				
61	987.00	9.01E-02	1.07E-01	7.86E-02	2.64E-01	6.19E-03	-9.09E-02	3.62E-01	-1.65E-01	45.89	9.01E-02	2.64E-01	
	-288.00	5.19E-07	1.27E-06	.00E+00	2.40E-05	5.62E-07	-8.26E-06	1.29E-05	-1.11E-05				
62	1037.00	-2.69E-01	-1.24E-01	-1.57E-01	1.81E-01	1.40E-02	-4.68E-02	-1.17E-03	-3.92E-01	55.90	-1.24E-01	-1.81E-01	
	-318.00	-5.08E-06	1.51E-06	.00E+00	1.65E-05	1.28E-06	-4.26E-06	7.09E-06	-1.07E-05				
63	862.00	8.23E-03	4.49E-02	4.20E-02	1.40E-01	2.77E-02	-7.55E-02	1.67E-01	-1.14E-01	48.74	8.23E-03	1.40E-01	
	-213.00	-8.62E-07	8.04E-07	6.75E-07	1.27E-05	2.52E-06	-6.86E-06	6.37E-06	-6.42E-06				
64	1012.00	3.06E-02	5.56E-02	6.11E-02	1.41E-01	1.34E-02	-4.88E-02	1.85E-01	-9.82E-02	47.54	3.06E-02	1.41E-01	
	-213.00	-5.22E-07	6.15E-07	8.64E-07	1.28E-05	1.22E-06	-4.44E-06	6.47E-06	-6.38E-06				
65	837.00	-1.30E-01	4.04E-02	4.88E-02	1.19E-01	2.15E-01	-1.05E-01	1.02E-01	-1.91E-01	62.76	4.04E-02	-1.19E-01	
	-148.00	-2.74E-06	1.13E-06	1.32E-06	5.42E-06	9.75E-06	-4.75E-06	2.52E-06	-4.13E-06				
66	937.00	-5.53E-02	4.88E-02	6.56E-02	1.72E-01	7.46E-02	-5.97E-02	1.77E-01	-1.83E-01	53.41	1.53E-01	-8.88E-02	
	-128.00	-1.57E-06	8.00E-07	1.18E-06	7.83E-06	3.39E-06	-2.71E-06	3.71E-06	-4.47E-06				
67	1037.00	-2.34E-01	1.66E-02	1.26E-02	1.85E-01	1.15E-01	-1.31E-01	1.15E-01	-3.33E-01	62.03	1.66E-02	-1.85E-01	
	-148.00	-4.25E-06	1.45E-06	1.36E-06	8.43E-06	5.22E-06	-5.94E-06	3.69E-06	-6.49E-06				
68	837.00	-1.02E-01	-7.15E-03	-9.89E-03	1.88E-01	1.24E-01	-4.25E-02	1.39E-01	-2.48E-01	52.06	-1.02E-01	1.88E-01	
	-68.00	-2.60E-06	1.03E-06	9.23E-07	1.44E-05	9.51E-06	-3.27E-06	6.66E-06	-8.24E-06				
69	937.00	-1.30E-01	6.26E-02	3.50E-02	1.47E-01	1.12E-01	-1.27E-01	1.40E-01	-2.15E-01	62.13	6.26E-02	-1.47E-01	
	-88.00	-4.85E-06	2.85E-06	1.79E-06	1.13E-05	8.65E-06	-9.76E-06	5.84E-06	-7.84E-06				
70	1037.00	1.28E-01	2.34E-01	2.03E-01	2.44E-01	-4.02E-02	-3.49E-01	4.30E-01	-6.88E-02	51.14	3.88E-01	-1.40E-01	
	-68.00	-1.30E-06	2.79E-06	1.61E-06	1.88E-05	-3.09E-06	-2.68E-05	1.03E-05	-8.86E-06				
71	962.00	-8.39E-02	3.42E-03	2.11E-02	8.98E-02	9.83E-02	-6.68E-02	5.97E-02	-1.40E-01	57.94	-8.38E-02	8.98E-02	
	-18.00	-2.57E-06	7.82E-07	1.46E-06	6.91E-06	7.56E-06	-6.67E-06	2.95E-06	-4.73E-06				
72	1012.00	4.11E-02	8.68E-02	1.14E-01	1.03E-01	-8.80E-03	-4.84E-02	1.70E-01	-4.17E-02	51.25	4.11E-02	1.03E-01	
	-18.00	-1.08E-06	6.82E-07	1.72E-06	7.93E-06	-6.77E-07	-3.73E-06	3.86E-06	-4.26E-06				
73	1387.00	2.43E-02	3.59E-02	3.65E-02	8.13E-02	7.25E-03	5.43E-02	1.12E-01	-5.15E-02	47.05	2.43E-02	8.13E-02	
	-303.00	-1.52E-07	3.77E-07	4.02E-07	7.39E-06	6.59E-07	4.94E-06	3.82E-06	-3.59E-06				
74	1387.00	7.96E-03	2.16E-02	4.91E-02	9.58E-02	1.91E-02	3.99E-02	1.11E-01	-8.12E-02	47.04	7.96E-03	9.58E-02	
	-213.00	-6.60E-07	-3.87E-08	1.21E-06	8.71E-06	1.74E-06	3.63E-06	4.02E-06	-4.71E-06				
75	1387.00	-1.52E-02	2.79E-02	1.03E-01	7.37E-02	4.53E-02	3.80E-02	8.31E-02	-7.04E-02	53.16	-1.52E-02	7.37E-02	
	-138.00	-9.50E-07	3.05E-08	1.73E-06	3.35E-06	2.06E-06	1.73E-06	1.28E-06	-2.20E-06				
76	1187.00	-1.10E-01	-7.22E-02	-2.15E-02	7.50E-02	1.00E-01	1.97E-01	-1.38E-02	-1.68E-01	52.07	-1.10E-01	7.50E-02	
	-68.00	-1.99E-06	-5.39E-07	1.41E-06	5.77E-06	7.72E-06	1.52E-05	1.71E-06	-4.24E-06				
77	1387.00	-7.04E-02	-2.70E-02	5.10E-02	8.08E-02	7.01E-02	-4.95E-02	3.50E-02	-1.32E-01	52.52	-2.70E-02	-8.08E-02	
	-88.00	-2.20E-06	-5.28E-07	2.47E-06	6.22E-06	5.39E-06	-3.81E-06	1.86E-06	-4.58E-06				
78	1587.00	3.50E-02	4.55E-02	1.11E-01	6.89E-02	-1.06E-02	7.56E-02	1.05E-01	-2.89E-02	47.18	7.16E-02	-6.16E-02	
	-68.00	-7.56E-07	-3.52E-07	2.16E-06	5.30E-06	-8.15E-07	5.81E-06	2.10E-06	-3.21E-06				
79	1237.00	-8.04E-02	-1.14E-02	4.10E-02	7.61E-02	8.31E-02	-4.33E-03	3.77E-02	-1.29E-01	57.19	-8.04E-02	7.61E-02	
	-18.00	-2.53E-06	1.20E-07	2.13E-06	5.86E-06	6.39E-06	-3.33E-07	2.01E-06	-4.42E-06				
80	1433.80	-4.57E-02	-2.54E-02	6.11E-02	9.47E-02	2.43E-02	1.81E-03	5.96E-02	-1.31E-01	48.06	-4.57E-02	9.47E-02	
	-8.00	-1.65E-06	-8.69E-07	2.46E-06	7.28E-06	1.87E-06	1.39E-07	2.40E-06	-4.92E-06				
81	1533.80	-6.91E-02	-2.18E-02	5.16E-02	6.74E-02	3.32E-03	7.05E-03	2.60E-02	-1.17E-01	54.66	-2.18E-02	-6.74E-02	

	-28.00	-2.22E-06	-4.07E-07	2.42E-06	5.19E-06	2.55E-07	5.42E-07	1.43E-06	-4.06E-06			
82	1633.80	-4.60E-02	-4.06E-03	6.25E-02	8.49E-03	-2.54E-02	2.48E-02	-2.41E-03	-4.77E-02	79.00	-3.67E-03	7.45E-03
	-8.00	-1.01E-06	-2.93E-07	2.27E-06	5.52E-07	-1.95E-06	1.91E-06	-2.29E-07	-1.97E-06			
83	1433.80	-2.33E-01	-1.27E-01	-5.83E-02	7.23E-02	1.38E-01	-1.44E-02	-1.13E-01	-3.57E-01	71.80	-1.37E-01	-7.23E-02
	27.60	-6.67E-06	8.68E-07	2.74E-06	5.56E-06	1.06E-05	-1.10E-06	1.78E-06	-7.59E-06			
84	1298.10	-1.14E-01	-4.55E-03	4.24E-02	8.74E-02	8.10E-02	-6.00E-02	4.38E-02	-1.62E-01	61.02	-5.93E-02	-1.03E-01
	40.70	-3.55E-06	6.61E-07	2.47E-06	6.72E-06	6.23E-06	-4.42E-06	2.52E-06	-5.41E-06			
85	1148.60	-5.47E-02	1.18E-02	4.92E-02	8.54E-02	7.75E-02	9.81E-02	7.02E-02	-1.13E-01	55.64	5.18E-02	5.50E-02
	57.33	-2.17E-06	3.84E-07	1.82E-06	6.57E-06	5.56E-06	7.55E-06	2.63E-06	-4.42E-06			
86	1131.40	-4.15E-01	-2.00E-01	-1.36E-01	1.93E-02	2.57E-01	2.14E-02	-1.98E-01	-4.16E-01	64.91	-2.00E-01	-1.93E-02
	112.00	-7.70E-06	5.59E-07	3.02E-06	1.48E-06	1.98E-05	1.65E-06	6.25E-07	-7.77E-06			
87	1019.80	-1.19E-01	5.70E-02	5.01E-02	1.16E-01	1.27E-01	-2.58E-01	1.14E-01	-1.76E-01	63.61	5.70E-02	-1.16E-01
	34.47	-4.44E-06	2.32E-06	2.05E-06	8.89E-06	9.80E-06	-1.98E-05	4.52E-06	-6.64E-06			
88	886.60	-4.59E-02	3.41E-02	5.21E-02	7.29E-02	5.70E-02	-9.41E-02	7.73E-02	-8.90E-02	59.37	-4.59E-02	7.29E-02
	46.00	-2.21E-06	8.69E-07	1.56E-06	5.61E-06	4.38E-06	-7.24E-06	2.53E-06	-3.87E-06			
89	869.80	-3.41E-01	-1.41E-01	-1.18E-01	1.21E-02	1.50E-01	1.62E-02	-1.40E-01	-3.42E-01	86.54	-1.41E-01	-1.21E-02
	96.00	-6.53E-06	1.17E-06	2.06E-06	9.34E-07	1.16E-05	1.25E-06	1.20E-06	-6.55E-06			
90	952.60	-1.59E-02	1.83E-01	1.35E-01	1.61E-01	6.03E-02	-1.06E-01	2.73E-01	-1.06E-01	60.87	2.36E-01	-1.12E-01
	128.00	-3.94E-06	3.72E-06	1.89E-06	1.24E-05	4.64E-06	-6.12E-06	7.16E-06	-7.38E-06			
91	969.80	-9.51E-02	-3.22E-02	6.34E-03	4.42E-02	7.39E-02	2.51E-02	-5.44E-03	-1.18E-01	62.73	-9.51E-02	4.42E-02
	160.00	-2.33E-06	9.09E-08	1.57E-06	3.40E-06	5.68E-06	1.93E-06	9.66E-07	-3.20E-06			
92	869.80	-3.89E-01	-1.04E-01	-1.01E-01	-5.88E-04	2.58E-01	-3.21E-02	-1.04E-01	-3.89E-01	-69.88	-1.04E-01	5.88E-04
	203.60	-8.44E-06	2.53E-06	2.64E-06	-4.52E-08	1.98E-05	-2.47E-06	2.53E-06	-8.44E-06			
93	598.67	-5.42E-02	6.22E-02	1.74E-02	1.36E-01	1.85E-01	-2.10E-01	1.52E-01	-1.44E-01	56.56	6.22E-02	-1.36E-01
	16.00	-2.36E-06	2.11E-06	3.91E-07	1.05E-05	1.42E-05	-1.61E-05	5.57E-06	-5.83E-06			
94	645.75	-4.50E-02	2.43E-02	8.99E-03	8.46E-02	7.51E-02	-8.07E-02	8.11E-02	-1.02E-01	56.14	-4.50E-02	8.46E-02
	24.00	-1.60E-06	1.06E-06	4.75E-07	6.51E-06	5.78E-06	-6.21E-06	3.25E-06	-3.79E-06			
95	613.10	-1.32E-01	-1.45E-01	-1.07E-01	1.21E-01	9.37E-02	5.05E-02	-1.77E-02	-2.60E-01	43.43	-1.32E-01	1.21E-01
	69.33	-8.56E-07	-1.37E-06	1.14E-07	9.29E-06	7.21E-06	6.96E-06	3.54E-06	-5.76E-06			
96	708.45	-9.51E-02	1.07E-02	6.58E-03	6.96E-02	7.77E-02	-5.03E-02	4.73E-02	-1.22E-01	62.27	-3.82E-02	-8.45E-02
	58.00	-2.53E-06	1.16E-06	9.98E-07	5.35E-06	5.98E-06	-3.87E-06	2.56E-06	-3.94E-06			
97	613.10	-3.05E-01	-1.32E-01	-1.33E-01	1.67E-02	2.85E-01	-4.30E-02	-1.30E-01	-3.07E-01	84.56	-1.32E-01	-1.67E-02
	96.00	-5.48E-06	1.20E-06	1.15E-06	1.28E-06	2.19E-05	-3.31E-06	1.26E-06	-5.54E-06			
98	682.27	-9.24E-02	8.31E-03	3.98E-03	6.22E-02	9.22E-02	-2.22E-02	3.80E-02	-1.22E-01	64.49	3.80E-02	-1.26E-04
	112.00	-2.67E-06	1.20E-06	1.03E-06	4.79E-06	7.09E-06	-1.71E-06	2.34E-06	-3.82E-06			
99	751.43	-1.85E-01	2.04E-01	6.25E-02	1.23E-01	1.58E-01	-1.76E-01	2.40E-01	-2.20E-01	73.84	2.04E-01	-1.23E-01
	96.00	-8.00E-06	6.95E-06	1.50E-06	9.46E-06	1.22E-05	-1.35E-05	8.32E-06	-9.37E-06			
100	683.25	-6.09E-02	3.27E-02	3.00E-02	3.42E-02	7.18E-02	-8.24E-02	4.39E-02	-7.21E-02	71.93	-6.09E-02	3.42E-02
	152.00	-2.36E-06	1.24E-06	1.13E-06	2.63E-06	5.52E-06	-6.34E-06	1.67E-06	-2.79E-06			
101	548.67	-3.92E-01	-1.71E-01	-1.65E-01	-6.24E-03	1.84E-01	-2.41E-02	-1.71E-01	-3.92E-01	-68.38	-1.71E-01	6.24E-03
	192.00	-7.07E-06	1.42E-06	1.65E-06	-4.80E-07	1.41E-05	-1.85E-06	1.43E-06	-7.08E-06			
102	725.25	-3.25E-02	6.05E-02	6.13E-02	5.81E-02	5.38E-02	-6.42E-02	8.84E-02	-6.04E-02	64.35	2.28E-02	-7.39E-02
	232.70	-2.23E-06	1.35E-06	1.38E-06	4.47E-06	4.14E-06	-4.94E-06	2.42E-06	-3.31E-06			
103	635.50	-7.75E-02	-1.09E-01	-4.22E-02	-1.95E-02	4.52E-02	6.33E-02	-6.82E-02	-1.18E-01	-25.53	-7.75E-02	-1.95E-02
	256.00	-4.66E-07	-1.68E-06	8.90E-07	-1.50E-06	3.48E-06	4.87E-06	-1.07E-07	-2.04E-06			
104	635.50	-9.21E-02	-7.01E-02	-2.03E-03	-2.78E-02	1.42E-01	1.53E-03	-5.12E-02	-1.11E-01	-55.80	-7.01E-02	2.78E-02
	290.67	-1.74E-06	-8.93E-07	1.73E-06	-2.14E-06	1.09E-05	1.18E-07	-1.65E-07	-2.46E-06			
105	569.00	2.75E-02	8.90E-02	4.24E-02	1.63E-01	8.61E-02	-1.68E-01	2.24E-01	-1.07E-01	50.35	2.75E-02	1.63E-01
	16.50	-6.89E-07	1.68E-06	-1.16E-07	1.25E-05	6.63E-06	-1.29E-05	6.87E-06	-5.88E-06			
106	508.50	1.29E-01	1.13E-01	8.66E-02	7.62E-02	1.85E-01	-4.32E-02	1.98E-01	4.46E-02	41.95	1.13E-01	-7.62E-02
	13.00	1.36E-06	7.33E-07	-2.85E-07	5.86E-06	1.42E-05	-3.32E-06	4.00E-06	-1.90E-06			
107	521.00	7.11E-02	7.58E-02	3.68E-02	1.44E-01	6.45E-02	-8.01E-02	2.17E-01	-7.01E-02	45.46	7.11E-02	1.44E-01
	15.75	7.18E-07	8.98E-07	-6.04E-07	1.10E-05	4.96E-06	-6.16E-06	6.33E-06	-4.71E-06			
108	526.25	6.50E-02	7.09E-02	3.69E-02	1.58E-01	5.76E-02	-8.53E-02	2.26E-01	-9.04E-02	45.54	6.50E-02	1.58E-01
	21.00	4.00E-07	8.29E-07	-4.80E-07	1.22E-05	4.43E-06	-6.56E-06	6.80E-06	-5.38E-06			
109	515.50	6.97E-02	7.41E-02	5.69E-02	1.80E-01	1.47E-01	-4.33E-02	2.52E-01	-1.09E-01	45.43	7.41E-02	-1.80E-01
	26.00	4.48E-07	6.55E-07	-6.10E-09	1.39E-05	1.13E-05	-3.33E-06	7.49E-06	-6.39E-06			
110	531.50	2.89E-02	5.68E-02	2.57E-02	1.36E-01	4.51E-02	-8.04E-02	1.75E-01	-9.34E-02	47.94	2.89E-02	1.36E-01
	34.50	-1.12E-07	9.61E-07	-2.37E-07	1.04E-05	3.47E-06	-6.18E-06	5.66E-06	-4.81E-06			
111	515.50	-1.64E-01	-2.17E-01	-1.70E-01	3.52E-01	3.98E-02	1.66E-01	1.62E-01	-5.43E-01	42.82	-1.64E-01	3.52E-01
	44.00	-2.42E-07	-2.30E-06	-4.81E-07	2.70E-05	3.06E-06	1.28E-05	1.23E-05	-1.46E-05			
112	515.50	[illegible]0E-01	[illegible]92E-02	-7.09E-02	8.59E-02	1.02E-01	-3[illegible]02	-1.84E-03	-1.88E-01	56.24	-5.92E-02	-8.59E-02
	53.33	[illegible]1E-06	6.04E-07	1.35E-07	6.61E-06	7.85E-06	[illegible]06	2.79E-06	-4.36E-06			
113	547	[illegible]00E-02	2.04E-01	9.82E-02	1.67E-01	5.34E-02	[illegible]01	3.06E-01	-7.16E-02	58.74	2.54E-01	-1.3

	64.00	[illegible]50E-06	4.20E-06	1.27E-07	1.29E-05	4.10E-06	[illegible]-05	8.10E-06	-6.41E-06				
114	515.50	[illegible]29E-01	-1.14E-01	-1.00E-01	1.40E-01	2.01E-02	[illegible]-02	1.85E-02	-2.62E-01	46.59	-1.29E-01	1.40E[illegible]	
	74.67	-1.20E-06	-6.04E-07	-6.00E-08	1.08E-05	1.54E-06	1.88E-06	4.49E-06	-6.30E-06				
115	515.50	-3.56E-01	-2.06E-01	-2.22E-01	5.83E-02	6.02E-02	-3.73E-02	-1.86E-01	-3.78E-01	71.32	-2.06E-01	-5.83E-02	
	88.00	-5.15E-06	7.27E-07	1.04E-07	4.48E-06	4.63E-06	-2.87E-06	1.48E-06	-5.90E-06				
116	547.50	-1.20E-01	8.41E-02	-1.09E-02	2.17E-01	3.39E-02	-1.25E-01	2.22E-01	-2.58E-01	57.62	1.74E-01	-1.43E-01	
	104.00	-4.11E-06	3.75E-06	9.84E-08	1.67E-05	2.61E-06	-9.58E-06	9.05E-06	-9.40E-06				
117	515.50	-1.24E-02	2.34E-02	1.45E-02	1.25E-01	8.78E-03	-1.64E-02	1.32E-01	-1.21E-01	49.07	-1.24E-02	1.25E-01	
	120.00	-7.57E-07	6.19E-07	2.79E-07	9.63E-06	6.75E-07	-1.27E-06	4.79E-06	-4.93E-06				
118	515.50	-2.14E-01	-1.12E-01	-1.14E-01	4.88E-02	3.37E-02	-3.08E-02	-9.27E-02	-2.33E-01	68.05	-1.12E-01	-4.88E-02	
	136.00	-3.39E-06	5.10E-07	4.61E-07	3.75E-06	2.59E-06	-2.37E-06	1.27E-06	-4.14E-06				
119	547.50	-1.22E-01	-1.19E-02	-3.78E-02	1.14E-01	1.67E-02	-2.36E-02	6.18E-02	-1.96E-01	57.67	3.64E-02	-7.68E-02	
	152.00	-2.81E-06	1.43E-06	4.34E-07	8.96E-06	1.29E-06	-1.82E-06	4.27E-06	-5.65E-06				
120	515.50	-6.00E-02	-2.01E-02	-1.03E-02	6.37E-02	1.56E-02	4.79E-02	2.68E-02	-1.07E-01	53.69	-6.00E-02	6.37E-02	
	168.00	-1.31E-06	2.21E-07	5.97E-07	4.90E-06	1.20E-06	3.68E-06	2.02E-06	-3.12E-06				
121	515.50	-3.14E-01	-1.78E-01	-1.67E-01	3.66E-02	5.95E-02	-2.19E-02	-1.69E-01	-3.23E-01	75.85	-1.76E-01	-3.66E-02	
	184.00	-4.84E-06	3.94E-07	8.19E-07	2.82E-06	4.57E-06	-1.68E-06	7.49E-07	-5.19E-06				
122	547.50	-3.73E-02	1.39E-01	6.88E-02	1.54E-01	2.52E-02	-9.26E-02	2.29E-01	-1.27E-01	59.88	2.01E-01	-9.46E-02	
	200.00	-3.31E-06	3.48E-06	7.71E-07	1.19E-05	1.94E-06	-7.13E-06	6.92E-06	-6.75E-06				
123	515.50	7.13E-02	1.31E-01	1.13E-01	4.50E-02	5.32E-03	4.69E-02	1.55E-01	4.71E-02	61.67	7.13E-02	4.50E-02	
	216.00	-7.20E-07	1.56E-06	8.94E-07	3.46E-06	4.09E-07	3.61E-06	2.49E-06	-1.65E-06				
124	515.50	-1.04E-01	-4.43E-02	-1.95E-02	1.50E-02	3.46E-02	-1.50E-02	-4.07E-02	-1.08E-01	76.73	-4.43E-02	-1.50E-02	
	232.00	-2.16E-06	1.43E-07	1.10E-06	1.15E-06	2.66E-06	-1.16E-06	2.79E-07	-2.30E-06				
125	547.50	1.34E-02	6.38E-02	6.85E-02	3.68E-02	8.98E-03	-1.29E-01	8.32E-02	-6.06E-03	62.17	7.81E-02	-2.07E-02	
	248.00	-1.08E-06	8.52E-07	1.03E-06	2.83E-06	6.91E-07	-9.95E-06	1.60E-06	-1.83E-06				
126	515.50	1.50E-01	2.22E-01	1.86E-01	-3.20E-02	-2.05E-02	-1.79E-02	2.34E-01	1.38E-01	-69.08	1.50E-01	-3.20E-02	
	264.00	-3.53E-07	2.40E-06	1.02E-06	-2.46E-06	-1.58E-06	-1.39E-06	2.87E-06	-8.24E-07				
127	515.50	-2.09E-02	-6.62E-04	2.26E-02	6.78E-03	-3.47E-02	-1.03E-02	1.40E-03	-2.30E-02	73.11	-6.62E-04	-6.78E-03	
	276.00	-8.16E-07	-3.64E-08	8.58E-07	5.21E-07	-2.67E-06	-7.94E-07	4.27E-08	-8.95E-07				
128	531.50	5.97E-02	3.07E-02	7.07E-02	1.53E-03	-1.91E-02	-5.24E-03	5.98E-02	3.06E-02	3.01	5.97E-02	1.53E-03	
	297.00	5.26E-07	-5.91E-07	9.50E-07	1.18E-07	-1.47E-06	-4.03E-07	5.29E-07	-5.94E-07				
129	515.50	2.44E-01	2.03E-01	2.13E-01	-4.31E-02	-1.93E-02	5.46E-03	2.71E-01	1.76E-01	-32.50	2.44E-01	-4.31E-02	
	320.00	2.12E-06	5.69E-07	9.41E-07	-3.32E-06	-1.49E-06	4.20E-07	3.17E-06	-4.88E-07				
183	565.50	-1.03E-02	7.84E-02	1.13E-02	2.35E-01	1.12E-01	-1.69E-01	2.73E-01	-2.05E-01	50.34	-1.03E-02	2.35E-01	
	-8.00	-1.27E-06	2.14E-06	-4.39E-07	1.81E-05	8.62E-06	-1.30E-05	9.64E-06	-8.76E-06				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9000E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.2414E+01	.1398E+02	.3801E+02	.2260E+01	.6282E+01	-.4018E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.4755E+00	.2934E+00	.1913E+00	.1401E+01	-.1661E+01	-.1883E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.6495E+00	-.1334E+00	.1115E+00	.2134E+01	-.4177E+01	-.3262E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.8820E+00	.1877E+00	.4866E-01	.2987E+01	-.6335E+01	-.4830E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1137E+01	-.1951E+00	.5302E-01	.4025E+01	-.8623E+01	-.6497E+01

23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.4289E+00	.4216E-03	.7451E-01	.6224E+01	-.1069E+02	-.8594E+01
25	.1302E+01	.2227E+00	.2340E-01	.3098E+01	-.1170E+02	-.1070E+02
26	-.3897E+01	-.5183E+00	.5546E-01	.3442E+01	-.1240E+02	-.1226E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.4710E+01	-.1178E+01	.3666E+00	.9246E+01	-.1695E+02	-.1350E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1946E+03	.3064E+02	.7578E+00	.1364E+02	-.4303E+02	-.2224E+02
40	.1128E+03	.1487E+02	.2304E+01	.1209E+02	-.4256E+02	-.2014E+02
41	.4875E+02	.4054E+01	.2784E+01	.9724E+01	-.3866E+02	-.1726E+02
42	.3259E+01	-.1503E+01	.1681E+01	.8104E+01	-.2802E+02	-.1492E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1187E+02	.1013E+01	.1239E+00	-.1071E+01	-.4517E+02	.1515E+02
48	-.7627E+01	.6174E+00	.5814E-01	.8285E+01	-.4092E+02	.1064E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1504E+03	-.2294E+02	-.7046E+00	.1248E+02	-.2837E+02	.3750E+02
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.4853E-01	.2523E+01	.1579E+00	-.1067E+01	-.4421E+02	.1441E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1039E+03	-.1580E+02	-.7074E+00	.1266E+02	-.2284E+02	.3458E+02
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.7377E+02	-.1126E+02	-.9509E+00	.1150E+02	-.2160E+02	.3354E+02
66	-.2766E+02	-.4315E+01	-.1208E+01	.1212E+02	-.1777E+02	.3480E+02
67	.4356E+02	.6396E+01	-.1240E+01	.1178E+02	-.1402E+02	.3453E+02
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.7717E+02	.1145E+02	-.1071E+01	.1633E+02	-.1062E+02	.3842E+02
76	-.8017E+01	-.1286E+01	-.8093E+00	.1863E+02	-.5828E+01	.4006E+02
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.3396E+02	.5072E+01	-.6455E+00	.186[illegible]	.4958E+00	.3827E+02
[illegible]	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.1294E+02	-.1929E+01	-.4938E+00	.2116E+02	.4760E+01	.3824E+02
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.2082E+02	.3200E+01	-.4540E+00	.1767E+02	.1064E+02	.3501E+02
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.9731E+01	-.1342E+01	-.3716E+00	.1534E+02	.1447E+02	.3171E+02
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1229E+02	.2009E+01	-.3764E+00	.1470E+02	.1932E+02	.2883E+02
109	-.6748E+01	-.8093E+00	-.3594E+00	.1369E+02	.2298E+02	.2479E+02
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.1120E+02	.1929E+01	-.3505E+00	.9300E+01	.2704E+02	.2127E+02
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1361E+02	.2316E+01	-.1268E+00	.6262E+01	.2928E+02	.1743E+02
115	-.1647E+01	.5037E-01	-.5284E-01	.2293E+01	.3001E+02	.1286E+02
116	.1593E+02	.2733E+01	.6057E-01	.1167E+00	.3207E+02	.1075E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1072E+02	.1971E+01	.1868E+00	.2859E+01	.3337E+02	.8693E+01
119	.6308E+01	.1286E+01	.3043E+00	-.2742E+01	.3038E+02	.6124E+01
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1692E+02	.2206E+01	.1092E+01	-.2974E+01	.2633E+02	.3983E+01
122	.1507E+02	.1157E+01	.1762E+01	.1429E+01	.2562E+02	.3118E+01
123	.1167E+02	.7996E+00	.1501E+01	.1156E+01	.2245E+02	.2810E+01
124	.8788E+01	.6012E+00	.1029E+01	.9609E+00	.1855E+02	.2561E+01
125	.5907E+01	.3248E+00	.7476E+00	.7968E+00	.1540E+02	.2323E+01
126	.2035E+01	-.2902E+00	.6994E+00	.5888E+00	.1305E+02	.2068E+01
127	-.8896E+00	-.7824E+00	.7169E+00	.4343E+00	.1124E+02	.1740E+01
128	-.3867E+01	-.1191E+01	.6821E+00	.8942E-01	.7516E+01	.1373E+01
129	-.3990E+01	-.1045E+01	.5559E+00	-.9419E-01	.4475E+01	.1048E+01
130	-.2827E+01	-.6496E+00	.4063E+00	-.1702E+00	.2204E+01	.8202E+00
131	-.7444E+00	-.1163E+00	.2601E+00	-.1633E+00	.9281E+00	.6826E+00
132	.1000E+00	.5507E-01	.1888E+00	-.5637E-01	.9004E+00	.5868E+00
133	.1266E+00	.4054E-01	.1749E+00	-.2343E-01	.9381E+00	.4925E+00
134	.3802E-01	.1314E-01	.1753E+00	-.1658E-01	.7763E+00	.3866E+00
135	.4105E-02	.1473E-02	.1981E+00	-.1699E-01	.5498E+00	.2645E+00
136	-.4959E-02	.6234E-03	.2617E+00	-.1661E-01	.3545E+00	.1901E+00
137	-.3658E-02	-.1196E-02	.4012E+00	-.2335E-01	.1619E+00	.1045E+00
138	-.4332E-02	.7815E-02	.5786E+01	-.3107E-01	-.4724E-01	.5602E-01
139	.6340E-02	.1029E-01	.4576E+00	-.3374E-02	.2616E-01	-.2916E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.14798E-01	-.83253E-04	.14835E-01	.00000E+00
3	-.27066E-01	-.28576E-03	.27072E-01	.00000E+00
4	-.29388E-01	-.28393E-03	.29328E-01	.00000E+00
5	-.31769E-01	-.83047E-05	.31782E-01	.00000E+00
6	-.36023E-01	.41319E-05	.36018E-01	-.67510E-05

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3704

7	-.32198E-01	-.57305E-03	.33445E-01	.00000E+00
8	-.26125E-01	-.44158E-03	.36212E-01	-.13635E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.14706E-01	-.16262E-03	.14860E-01	.00000E+00
11	-.27263E-01	-.35385E-03	.27679E-01	.00000E+00
12	-.30431E-01	-.41950E-03	.30924E-01	.00000E+00
13	-.32937E-01	-.32650E-03	.33253E-01	.00000E+00
14	-.36348E-01	-.44753E-03	.36871E-01	-.24664E-05
15	-.33455E-01	-.33370E-03	.34977E-01	.00000E+00
16	-.36675E-01	-.71412E-03	.37888E-01	.13774E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.14864E-01	-.23122E-03	.15504E-01	.00000E+00
19	-.27809E-01	-.45164E-03	.29133E-01	.00000E+00
20	-.31133E-01	-.57511E-03	.32697E-01	.00000E+00
21	-.33815E-01	-.38359E-03	.35244E-01	.00000E+00
22	-.37125E-01	-.47406E-03	.39308E-01	-.12114E-05
23	-.34750E-01	-.12235E-02	.38195E-01	.00000E+00
24	-.37684E-01	-.10659E-02	.41170E-01	-.12234E-04
25	-.38073E-01	-.13556E-02	.42366E-01	-.50656E-07
26	-.38300E-01	-.12999E-02	.43076E-01	.39774E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.14915E-01	-.44364E-03	.16080E-01	.00000E+00
29	-.28485E-01	-.86346E-03	.30631E-01	.00000E+00
30	-.31873E-01	-.10025E-02	.34805E-01	.00000E+00
31	-.35034E-01	-.12350E-02	.38797E-01	.00000E+00
32	-.38540E-01	-.16778E-02	.43861E-01	-.33392E-04
33	-.34951E-01	-.18270E-02	.38836E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.14821E-01	-.65676E-03	.16128E-01	.00000E+00
36	-.28726E-01	-.10680E-02	.31007E-01	.00000E+00
37	-.32245E-01	-.11970E-02	.34717E-01	.00000E+00
38	-.36011E-01	-.15162E-02	.40282E-01	.00000E+00
39	-.38983E-01	-.20723E-02	.45208E-01	.21966E-04
40	-.38907E-01	-.21305E-02	.44995E-01	.77951E-06
41	-.38835E-01	-.21139E-02	.44603E-01	-.13732E-04
42	-.38716E-01	-.18521E-02	.44273E-01	-.27524E-04
43	-.31970E-01	-.15436E-02	.34148E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.13897E-01	.11161E-03	.14834E-01	.00000E+00
46	-.28710E-01	-.91383E-03	.29913E-01	.00000E+00
47	-.39019E-01	-.18934E-02	.45327E-01	.20079E-04
48	-.39008E-01	-.19309E-02	.45311E-01	.30399E-04
49	-.35971E-01	-.15724E-02	.39948E-01	.00000E+00
50	-.39378E-01	-.19321E-02	.45491E-01	.88652E-04
51	-.36340E-01	-.17304E-02	.39152E-01	.00000E+00
52	-.40753E-01	-.17417E-02	.42918E-01	.00000E+00
53	-.39047E-01	-.17749E-02	.45387E-01	.47990E-05
54	-.31864E-01	-.93393E-03	.31930E-01	.00000E+00
55	-.35780E-01	-.14413E-02	.35310E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.11964E-01	-.12849E-02	.11059E-01	.00000E+00
58	-.25731E-01	-.77650E-03	.21291E-01	.00000E+00
59	-.41560E-01	-.13102E-02	.40839E-01	.00000E+00
60	-.40853E-01	-.16381E-02	.41761E-01	.00000E+00
61	-.39720E-01	-.19465E-02	.45593E-01	.13646E-03
62	-.30233E-01	-.49934E-03	.25725E-01	.00000E+00
63	-.34828E-01	-.42568E-03	.30872E-01	.00000E+00
64	-.41593E-01	-.17177E-02	.43507E-01	.00000E+00
65	-.40182E-01	-.19312E-02	.45697E-01	.16950E-03
66	-.41326E-01	-.19383E-02	.45907E-01	.20583E-03
67	-.42560E-01	-.20320E-02	.46135E-01	.19622E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
[illegible]	-.94350E-02	.17149E-03	.67971E-02	[illegible]00E+00
[illegible]	-.27251E-01	-.11321E-03	.21895E-01	[illegible]00E+00

	-.40527E-01	-.37283E-03	.35592E-01	.00000E+00
	-.42729E-01	-.16947E-02	.43641E-01	.00000E+00
	-.33573E-01	-.20322E-03	.25425E-01	.00000E+00
74	-.45344E-01	-.16376E-02	.45546E-01	.00000E+00
75	-.43610E-01	-.20161E-02	.46336E-01	.14935E-03
76	-.45021E-01	-.20313E-02	.46718E-01	.10450E-03
77	-.38635E-01	.45323E-04	.30574E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.11289E-01	-.35314E-03	.91060E-02	.00000E+00
80	-.26071E-01	.27946E-03	.19698E-01	.00000E+00
81	-.28866E-01	.31703E-03	.21555E-01	.00000E+00
82	-.32301E-01	.47140E-03	.25470E-01	.00000E+00
83	-.45225E-01	-.28362E-03	.39519E-01	.00000E+00
84	-.42627E-01	.19304E-03	.34203E-01	.00000E+00
85	-.46620E-01	-.20702E-02	.47199E-01	.83545E-04
86	-.47003E-01	-.16351E-02	.46799E-01	.00000E+00
87	-.38954E-01	.22351E-03	.29384E-01	.00000E+00
88	-.47080E-01	-.12945E-02	.43669E-01	.00000E+00
89	-.47720E-01	-.21318E-02	.47669E-01	.67253E-04
90	-.30145E-01	.19359E-03	.17281E-01	.00000E+00
91	-.32311E-01	.36063E-03	.18858E-01	.00000E+00
92	-.34633E-01	-.14310E-03	.20029E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.13098E-01	.00000E+00	.75059E-02	.00000E+00
95	-.24019E-01	.00000E+00	.13349E-01	.00000E+00
96	-.27465E-01	.00000E+00	.15204E-01	.00000E+00
97	-.28701E-01	.00000E+00	.15187E-01	.00000E+00
98	-.28243E-01	.00000E+00	.14844E-01	.00000E+00
99	-.30794E-01	-.12455E-03	.16170E-01	.00000E+00
100	-.37880E-01	-.18502E-03	.23233E-01	.00000E+00
101	-.45436E-01	-.67059E-03	.34523E-01	.00000E+00
102	-.49423E-01	-.21962E-02	.48341E-01	.60401E-04
103	-.47432E-01	-.66581E-03	.40817E-01	.00000E+00
104	-.50106E-01	-.19755E-02	.48458E-01	.00000E+00
105	-.50610E-01	-.22395E-02	.48920E-01	.52083E-04
106	-.49578E-01	-.78379E-03	.44364E-01	.00000E+00
107	-.52065E-01	-.21079E-02	.49320E-01	.00000E+00
108	-.51973E-01	-.22308E-02	.49461E-01	.49758E-04
109	-.52959E-01	-.23123E-02	.49902E-01	.42178E-04
110	-.52409E-01	-.23483E-02	.46721E-01	.00000E+00
111	-.54219E-01	-.25411E-02	.50739E-01	.00000E+00
112	-.54025E-01	-.23474E-02	.50277E-01	.27745E-04
113	-.53901E-01	-.20164E-02	.48326E-01	.00000E+00
114	-.54620E-01	-.23233E-02	.50536E-01	.14330E-04
115	-.54819E-01	-.23244E-02	.50730E-01	.40614E-05
116	-.54839E-01	-.22760E-02	.50795E-01	-.35195E-05
117	-.54550E-01	-.26465E-02	.51637E-01	.00000E+00
118	-.54761E-01	-.22674E-02	.50822E-01	-.93117E-05
119	-.54498E-01	-.22455E-02	.50832E-01	-.16674E-04
120	-.55009E-01	-.24378E-02	.51615E-01	.00000E+00
121	-.53967E-01	-.21362E-02	.50763E-01	-.29512E-04
122	-.53907E-01	-.19386E-02	.50819E-01	-.35880E-04
123	-.53816E-01	-.17056E-02	.50860E-01	-.40905E-04
124	-.53711E-01	-.14600E-02	.50901E-01	-.46689E-04
125	-.53569E-01	-.11356E-02	.50943E-01	-.53580E-04
126	-.53291E-01	-.54891E-03	.51011E-01	-.61674E-04
127	-.52991E-01	.82448E-04	.51077E-01	-.62947E-04
128	-.52415E-01	.13736E-02	.51211E-01	-.51671E-04
129	-.52018E-01	.23248E-02	.51334E-01	-.34207E-04
130	-.51786E-01	.29363E-02	.51467E-01	-.13718E-04
131	-.51790E-01	.29566E-02	.51669E-01	.84853E-05
132	-.51972E-01	.24063E-02	.51849E-01	.14262E-04
133	-.52133E-01	.18375E-02	.52006E-01	.11425E-04
134	-.52231E-01	.13392E-02	.52135E-01	.85488E-05

135	-.52295E-01	.10558E-02	.52239E-01	.74672E-05
136	-.52341E-01	.72572E-03	.52314E-01	.75740E-05
137	-.52367E-01	.40611E-03	.52360E-01	.74350E-05
138	-.52395E-01	.62132E-04	.52395E-01	.79811E-05
139	-.52395E-01	.74619E-05	.52385E-01	.76949E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9100E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-9.95E-03	-4.70E-02	-2.29E-03	-1.81E+00	-6.38E-03	1.82E+00	1.78E+00	-1.83E+00	-44.71	-9.95E-03	-1.81E+00
	-303.00	3.17E-07	-1.37E-06	6.65E-07	-1.64E-04	-5.80E-07	1.66E-04	8.16E-05	-8.26E-05			
2	72.00	-2.67E-02	-6.67E-02	2.03E-02	-1.52E+00	6.87E-04	1.57E+00	1.48E+00	-1.57E+00	-44.62	-2.67E-02	-1.52E+00
	-213.00	-3.66E-07	-2.19E-06	2.13E-06	-1.38E-04	6.25E-08	1.42E-04	6.79E-05	-7.05E-05			
3	72.00	-2.49E-01	-7.93E-02	7.15E-02	-1.02E+00	1.03E-01	1.11E+00	8.61E-01	-1.19E+00	-47.37	-2.49E-01	-1.02E+00
	-138.00	-4.31E-06	-4.57E-07	2.97E-06	-4.64E-05	4.68E-06	5.05E-05	2.09E-05	-2.57E-05			
4	24.00	-1.23E+00	-6.77E-01	-8.56E-01	-1.92E+00	3.33E-01	2.11E+00	9.81E-01	-2.89E+00	-49.14	-1.23E+00	-1.92E+00
	-68.00	-1.71E-05	4.37E-06	-2.50E-06	-1.47E-04	2.56E-05	1.62E-04	6.81E-05	-8.08E-05			
5	72.00	4.05E-01	2.13E-01	4.97E-01	-8.43E-01	-2.83E-02	8.93E-01	1.16E+00	-5.35E-01	-41.74	2.13E-01	8.43E-01
	-88.00	3.34E-04	-4.06E-06	6.85E-06	-6.48E-05	-2.18E-06	6.87E-05	3.23E-05	-3.30E-05			
6	120.00	2.20E-01	2.22E-01	3.26E-01	-1.62E+00	-8.81E-02	1.60E+00	1.84E+00	-1.40E+00	-45.02	-1.38E+00	2.94E-01
	-68.00	1.85E-08	9.03E-08	4.11E-06	-1.25E-04	-6.78E-06	1.23E-04	6.25E-05	-6.24E-05			
7	36.25	-4.51E-01	-1.75E-01	-1.05E-01	-9.18E-01	1.20E-01	8.79E-01	6.16E-01	-1.24E+00	-49.27	-4.19E-01	-9.22E-01
	-19.00	-9.31E-06	1.30E-06	3.99E-06	-7.06E-05	9.25E-06	6.76E-05	3.17E-05	-3.97E-05			
8	108.00	4.91E-02	9.08E-02	1.70E-01	-7.05E-01	-2.05E-03	7.74E-01	7.75E-01	-6.35E-01	-45.85	4.91E-02	-7.05E-01
	-19.00	-1.82E-06	9.03E-08	3.13E-06	-5.42E-05	-1.57E-07	5.95E-05	2.64E-05	-2.78E-05			
9	216.00	-9.19E-02	-1.28E-01	-5.97E-02	-1.81E+00	1.45E-02	1.86E+00	1.70E+00	-1.92E+00	-44.71	-9.19E-02	-1.81E+00
	-303.00	-5.47E-07	-2.19E-06	9.19E-07	-1.65E-04	1.32E-06	1.69E-04	8.09E-05	-8.36E-05			
10	216.00	-1.35E-01	-1.32E-01	-1.63E-02	-1.57E+00	4.79E-02	1.63E+00	1.43E+00	-1.70E+00	-45.02	-1.35E-01	-1.57E+00
	-213.00	-2.44E-06	-2.33E-06	2.93E-06	-1.42E-04	4.35E-06	1.48E-04	6.88E-05	-7.35E-05			
11	216.00	-2.36E-01	-1.10E-01	1.48E-01	-1.21E+00	1.50E-01	1.29E+00	1.04E+00	-1.39E+00	-46.50	-2.36E-01	-1.21E+00
	-138.00	-4.33E-06	-1.45E-06	4.40E-06	-5.50E-05	6.81E-06	5.88E-05	2.47E-05	-3.04E-05			
12	168.00	-5.65E-01	-5.10E-01	-3.23E-01	-1.86E+00	2.73E-01	1.92E+00	1.32E+00	-2.40E+00	-45.42	-5.65E-01	-1.86E+00
	-68.00	-6.36E-06	-4.25E-06	2.94E-06	-1.43E-04	2.10E-05	1.48E-04	6.62E-05	-7.68E-05			
13	216.00	5.40E-01	2.06E-01	5.62E-01	-7.61E-01	2.01E-02	7.76E-01	1.15E+00	-4.07E-01	-38.83	2.06E-01	7.61E-01
	-88.00	6.38E-06	-6.44E-06	7.24E-06	-5.86E-05	1.54E-06	5.97E-05	3.00E-05	-3.00E-05			
14	264.00	1.97E-02	2.01E-01	3.04E-01	-1.59E+00	-2.79E-02	1.63E+00	1.70E+00	-1.48E+00	-46.63	-1.43E+00	3.75E-01
	-68.00	-5.00E-06	1.96E-06	5.93E-06	-1.22E-04	-2.15E-06	1.25E-04	5.96E-05	-6.26E-05			
15	180.00	-1.74E-01	-3.35E-02	9.47E-02	-8.07E-01	1.84E-01	7.74E-01	7.06E-01	-9.13E-01	-47.49	-1.74E-01	-8.07E-01
	-19.00	-5.46E-06	-4.69E-08	4.88E-06	-6.20E-05	1.42E-05	5.95E-05	2.84E-05	-3.39E-05			
16	252.00	-9.77E-02	5.54E-02	2.12E-01	-6.70E-01	7.08E-02	8.12E-01	6.53E-01	-6.95E-01	-48.26	-9.77E-02	-6.70E-01
	-19.00	-5.63E-06	2.60E-07	6.30E-06	-5.15E-05	5.45E-06	6.25E-05	2.32E-05	-2.86E-05			
17	361.00	-1.21E-01	-2.00E-01	-9.01E-02	-1.83E+00	7.93E-03	1.94E+00	1.67E+00	-1.99E+00	-44.38	-1.21E-01	-1.83E+00
	-303.00	-1.74E-07	-3.75E-06	1.25E-06	-1.66E-04	7.21E-07	1.76E-04	8.11E-05	-8.51E-05			
18	361.00	-1.62E-01	-1.86E-01	-2.67E-02	-1.64E+00	3.79E-02	1.74E+00	1.47E+00	-1.62E+00	-44.79	-1.62E-01	-1.64E+00
	-213.00	-2.49E-06	-3.60E-06	3.65E-06	-1.49E-04	3.45E-06	1.58E-04	7.17E-05	-7.78E-05			
19	361.00	-2.62E-01	-1.43E-01	1.94E-01	-1.29E+00	1.50E-01	1.46E+00	1.09E+00	-1.50E+00	-46.32	-2.62E-01	-1.29E+00
	-138.00	-4.85E-06	-2.14E-06	5.52E-06	-5.88E-05	6.83E-06	6.65E-05	2.59E-05	-3.29E-05			
20	312.00	-9.88E-01	-7.68E-01	-5.20E-01	-2.10E+00	4.67E-01	2.32E+00	1.22E+00	-2.98E+00	-46.50	-9.88E-01	-2.10E+00
	-68.00	-1.30E-05	-4.54E-06	5.01E-06	-1.61E-04	3.59E-05	1.79E-04	7.20E-05	-8.95E-05			
21	360.67	8.72E-01	4.84E-01	8.41E-01	-9.89E-01	-3.21E-02	1.14E+00	1.69E+00	-3.27E-01	-39.36	4.84E-01	9.89E-01
	-88.00	9.57E-06	-5.60E-06	8.13E-06	-7.61E-05	-2.47E-06	8.76E-05	4.08E-05	-3.66E-05			
22	409.33	-5.21E-01	-7.19E-01	-2.35E-01	-2.00E+00	1.25E-02	2.50E+00	1.38E+00	-2.62E+00	-43.58	-2.59E+00	3.16E-01
	-68.00	-3.84E-05	-1.14E-05	7.16E-06	-1.53E-04	9.62E-07	1.92E-04	6.92E-05	-8.45E-05			
23	324.00	-3.53E-01	-5.76E-02	1.29E-01	-8.29E-01	3.28E-01	8.20E-01	6.30E-01	-1.05E+00	-49.89	-3.53E-01	-8.29E-01
	-19.00	-1.04E-05	6.21E-07	8.14E-06	-6.37E-05	2.52E-05	6.31E-05	2.75E-05	-3.72E-05			
24	372.00	-2.07E-01	1.52E-01	3.15E-01	-2.17E+00	3.12E-01	2.31E+00	2.15E+00	-2.20E+00	-47.36	-2.07E-01	-2.17E+00
	-9.33	-1.06E-05	2.88E-06	9.26E-06	-1.67E-04	2.40E-05	1.78E-04	7.98E-05	-8.76E-05			
25	401.25	[illegible]58E-02	2.75E-02	3.42E-01	-7.11E-01	1.07E-01	9.[illegible]E-01	6.80E-01	-7.48E-01	-47.48	5.76E-01	-3.71E-01
	-19.00	[illegible]9E-06	-1.65E-06	1.01E-05	-5.47E-05	8.25E-06	[illegible]-05	2.31E-05	-3.16E-05			
26	427	[illegible]02E+00	-9.41E-01	-4.65E-01	-2.43E+00	4.22E-01	[illegible]+00	1.44E+00	-3.41E+00	-45.49	-2.45E+00	-1.9[illegible]

	-9.3[illegible]	[illegible]E-05	-9.49E-06	8.90E-06	-1.87E-04	3.25E-05	[illegible]	[illegible]04	6.22E-05	-1.04E-04					
27	457.00	[illegible]E-01	-2.99E-01	-1.35E-01	-1.84E+00	-9.08E-03	1[illegible]	[illegible]00	1.62E+00	-2.07E+00	-43.78	-1.42E-01	-1.84E+0[illegible]		
	-303.00	[illegible]02E-06	-6.11E-06	1.35E-06	-1.66E-04	-8.26E-07	1.[illegible]	[illegible]04	8.13E-05	-8.64E-05					
28	457.00	-1.43E-01	-2.09E-01	-2.44E-02	-1.73E+00	9.17E-03	1.92E+00	1.55E+00	-1.51E+00	-44.45	-1.43E-01	-1.73E+00			
	-213.00	-1.60E-06	-4.62E-06	3.77E-06	-1.57E-04	8.34E-07	1.65E-04	7.55E-05	-8.17E-05						
29	457.00	-4.09E-01	-2.14E-01	1.21E-01	-1.36E+00	-4.97E-02	1.50E+00	1.05E+00	-1.68E+00	-47.05	-4.09E-01	-1.36E+00			
	-138.00	-6.66E-06	-2.23E-06	5.38E-06	-6.19E-05	-2.26E-06	6.80E-05	2.66E-05	-3.55E-05						
30	442.00	-5.02E-01	-1.15E+00	-4.19E-01	-2.36E+00	-6.52E-02	2.63E+00	1.55E+00	-3.21E+00	-41.08	-5.02E-01	-2.36E+00			
	-68.00	3.47E-06	-2.15E-05	6.63E-06	-1.81E-04	-5.01E-06	2.02E-04	8.25E-05	-1.01E-04						
31	457.33	2.78E+00	1.26E+00	1.82E+00	-9.20E-01	-1.28E+00	1.39E+00	3.14E+00	9.04E-01	-23.59	1.26E+00	8.20E-01			
	-88.00	4.26E-05	-1.58E-05	5.40E-06	-6.31E-05	-9.83E-05	1.07E-04	5.64E-05	-2.96E-05						
32	472.67	-4.59E+00	-3.88E+00	-3.20E+00	-2.03E+00	7.86E-01	3.34E+00	-2.17E+00	-6.30E+00	-49.90	-5.82E+00	-1.32E+00			
	-68.00	-4.82E-05	-2.11E-05	5.23E-06	-1.56E-04	6.05E-05	2.57E-04	4.47E-05	-1.14E-04						
33	443.00	-4.13E-01	-3.28E-01	9.41E-02	-1.21E+00	1.49E-01	1.28E+00	8.28E-01	-1.58E+00	-46.00	-4.13E-01	-1.21E+00			
	-10.50	-8.45E-06	-5.41E-06	1.05E-05	-9.29E-05	1.15E-05	9.81E-05	3.94E-05	-5.35E-05						
34	454.00	-3.69E+00	-2.80E+00	-2.28E+00	-3.07E+00	9.27E-01	4.14E+00	-1.39E-01	-6.35E+00	-49.12	-4.91E+00	-2.62E+00			
	-11.33	-4.55E-05	-1.13E-05	8.56E-06	-2.36E-04	7.13E-05	3.18E-04	9.11E-05	-1.46E-04						
35	461.67	-9.76E-01	-1.26E+00	-5.87E-01	-2.91E+00	2.35E-01	4.29E+00	1.80E+00	-4.03E+00	-43.62	-9.76E-01	-2.91E+00			
	-12.00	-6.58E-06	-1.74E-05	8.42E-06	-2.24E-04	1.81E-05	3.30E-04	1.00E-04	-1.24E-04						
36	469.00	2.25E+00	8.48E-01	1.57E+00	-2.80E-01	-1.14E+00	1.71E+00	2.31E+00	7.94E-01	-10.87	8.48E-01	2.80E-01			
	-30.00	3.53E-05	-1.87E-05	9.11E-06	-2.16E-05	-8.74E-05	1.31E-04	3.74E-05	-2.08E-05						
37	476.33	-1.79E+00	-2.47E+00	-1.38E+00	-1.99E+00	2.53E-01	3.52E+00	-1.11E-01	-4.15E+00	-40.13	-2.59E+00	-1.96E+00			
	-12.00	-6.84E-06	-3.31E-05	8.97E-06	-1.53E-04	1.95E-05	2.71E-04	5.76E-05	-9.76E-05						
38	558.50	1.05E-01	-2.63E-02	6.24E-02	-1.73E+00	-5.64E-02	1.89E+00	1.77E+00	-1.69E+00	-43.91	1.05E-01	-1.73E+00			
	-303.00	2.94E-06	-3.03E-06	1.00E-06	-1.57E-04	-5.12E-06	1.72E-04	7.86E-05	-7.87E-05						
39	558.50	-4.22E-02	-2.84E-01	-5.16E-02	-1.72E+00	-1.12E-01	1.84E+00	1.56E+00	-1.89E+00	-42.99	-4.22E-02	-1.72E+00			
	-213.00	2.99E-06	-8.01E-06	2.56E-06	-1.57E-04	-1.02E-05	1.68E-04	7.60E-05	-8.10E-05						
40	506.17	1.45E-02	-6.77E-01	5.89E-02	-3.87E+00	-2.59E-01	3.92E+00	3.55E+00	-4.21E+00	-42.44	1.45E-02	-3.87E+00			
	-128.00	3.50E-06	-1.22E-05	4.51E-06	-1.76E-04	-1.18E-05	1.78E-04	8.39E-05	-9.26E-05						
41	558.50	1.17E+00	-4.40E-01	3.42E-01	-1.66E+00	-9.47E-01	2.37E+00	2.21E+00	-1.48E+00	-32.09	-4.40E-01	1.66E+00			
	-148.00	2.10E-05	-1.56E-05	2.15E-06	-7.56E-05	-4.31E-05	1.08E-04	4.47E-05	-3.93E-05						
42	610.83	-1.98E-01	-7.46E-01	-1.71E-01	-3.34E+00	-6.65E-01	3.06E+00	2.88E+00	-3.82E+00	-42.65	-3.77E+00	6.12E-01			
	-128.00	1.35E-06	-1.11E-05	1.97E-06	-1.52E-04	-3.02E-05	1.39E-04	7.13E-05	-8.10E-05						
43	501.38	3.35E-01	6.82E-02	3.95E-01	-8.81E-01	-3.31E-01	1.12E+00	1.09E+00	-6.89E-01	-40.69	3.35E-01	-8.31E-01			
	-78.00	4.12E-06	-6.16E-06	6.43E-06	-6.77E-05	-2.54E-05	8.63E-05	3.32E-05	-3.53E-05						
44	534.67	-5.39E-01	-5.79E-01	-2.99E-01	-2.79E+00	-1.98E-01	3.46E+00	2.23E+00	-3.35E+00	-44.79	-3.31E+00	4.64E-01			
	-68.00	-5.16E-06	-6.70E-06	4.07E-06	-2.15E-04	-1.52E-05	2.66E-04	1.01E-04	-1.13E-04						
45	584.67	5.15E-01	2.12E-01	4.26E-01	-2.67E+00	-6.85E-01	2.45E+00	3.04E+00	-2.31E+00	-43.38	5.15E-01	-2.67E+00			
	-68.00	7.13E-06	-4.52E-06	3.72E-06	-2.05E-04	-5.27E-05	1.89E-04	1.04E-04	-1.02E-04						
46	610.83	2.71E+00	6.51E-01	1.35E+00	-1.44E+00	-1.30E+00	1.97E+00	3.45E+00	-8.57E-02	-27.16	6.51E-01	1.44E+00			
	-88.00	5.26E-05	-2.68E-05	1.07E-07	-1.11E-04	-9.97E-05	1.51E-04	8.09E-05	-5.51E-05						
47	482.63	1.28E-01	-1.07E-01	4.00E-01	-6.43E-01	-3.41E-01	1.28E+00	6.64E-01	-6.43E-01	-39.83	1.28E-01	-6.43E-01			
	-21.00	2.83E-07	-8.73E-06	1.08E-05	-4.94E-05	-2.63E-05	9.85E-05	2.09E-05	-2.93E-05						
48	485.83	-8.30E-01	-1.25E+00	-5.36E-01	-1.87E+00	-4.77E-02	3.92E+00	8.43E-01	-2.93E+00	-41.77	-1.07E+00	-1.88E+00			
	-12.00	-3.12E-06	-1.95E-05	8.18E-06	-1.44E-04	-3.67E-06	3.02E-04	6.12E-05	-8.38E-05						
49	507.88	3.76E-02	8.44E-02	3.97E-01	-7.01E-01	-2.02E-01	1.40E+00	7.63E-01	-6.41E-01	-45.96	3.76E-02	-7.01E-01			
	-21.00	-4.26E-06	-2.46E-06	9.57E-06	-5.39E-05	-1.55E-05	1.08E-04	2.36E-05	-3.03E-05						
50	538.67	-5.11E-01	-2.99E-01	-1.34E-01	-2.49E+00	-9.08E-01	3.02E+00	2.09E+00	-2.90E+00	-46.22	-2.87E+00	3.46E-01			
	-10.00	-9.28E-06	-1.12E-06	5.22E-06	-1.92E-04	-6.99E-05	2.33E-04	9.07E-05	-1.01E-04						
51	484.67	8.18E+00	5.67E+00	6.02E+00	1.78E-01	-6.23E-01	4.18E-01	8.20E+00	5.66E+00	4.04	5.67E+00	-1.79E-01			
	8.00	9.64E-05	-1.89E-07	1.30E-05	1.37E-05	-4.79E-05	3.22E-05	9.68E-05	-6.72E-07						
52	507.00	-2.03E+00	-2.45E+00	-1.42E+00	-1.36E+00	-4.16E-01	-1.15E+00	-8.62E-01	-3.62E+00	-40.59	-3.33E+00	-8.56E-01			
	0.00	-1.32E-05	-2.95E-05	1.03E-05	-1.05E-04	-3.20E-05	-8.82E-05	3.17E-05	-7.45E-05						
53	603.00	-4.38E-02	2.62E-02	3.12E-02	-1.05E+00	-4.52E-01	9.91E-01	1.04E+00	-1.06E+00	-45.96	6.16E-01	-8.42E-01			
	-18.00	-1.83E-06	8.59E-07	1.05E-06	-8.07E-05	-3.48E-05	7.63E-05	3.99E-05	-4.08E-05						
54	712.00	1.39E-01	-1.46E-01	-2.53E-03	-1.63E+00	-1.39E-01	1.59E+00	1.63E+00	-1.64E+00	-42.50	1.39E-01	-1.63E+00			
	-303.00	6.44E-06	-6.52E-06	1.10E-08	-1.48E-04	-1.26E-05	1.44E-04	7.44E-05	-7.45E-05						
55	712.00	9.04E-01	4.80E-01	5.10E-01	-1.79E+00	-4.42E-01	1.56E+00	2.50E+00	-1.11E+00	-41.63	9.04E-01	-1.79E+00			
	-213.00	1.64E-05	-2.90E-06	-1.13E-06	-1.63E-04	-4.02E-05	1.42E-04	8.88E-05	-7.53E-05						
56	712.00	1.17E+00	5.88E-01	3.72E-01	-1.36E+00	-1.03E+00	1.21E+00	2.27E+00	-5.14E-01	-39.01	1.17E+00	-1.36E+00			
	-138.00	1.54E-05	2.22E-06	-2.70E-06	-6.19E-05	-4.67E-05	5.48E-05	4.04E-05	-2.28E-05						
57	712.00	3.19E-01	5.07E-04	1.43E-02	-8.58E-01	-4.21E-01	9.39E-01	1.03E+00	-7.13E-01	-39.75	3.19E-01	-8.58E-01			
	-78.00	8.60E-06	-3.65E-06	-3.12E-06	-6.60E-05	-3.24E-05	7.22E-05	3.60E-05	-3.11E-05						
58	712.00	4.12E-01	2.72E-01	1.48E-01	-1.16E+00	-3.74E-01	1.13E+00	1.51E+00	-8.15E-01	-43.37	4.12E-01	-1.16E+00			

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	-18.00	6.62E-06	1.53E-06	-3.54E-06	-3.91E-05	-2.87E-05	8.67E-05	4.87E-05	-4.06E-05				
59	837.00	4.64E+00	2.57E+00	2.38E+00	-1.37E+00	-8.11E-01	1.35E+00	5.32E+00	1.85E+00	-26.45	2.57E+00	1.37E+00	
	-316.00	7.09E-05	-1.43E-05	.00E+00	-1.24E-04	-7.37E-05	1.23E-04	1.11E-04	-4.52E-05				
60	887.00	6.52E-01	5.11E-02	2.81E-01	-3.66E+00	-3.13E-01	3.01E+00	4.03E+00	-3.22E+00	-42.65	-3.02E+00	1.46E+00	
	-288.00	1.60E-05	-1.05E-05	.00E+00	-3.33E-04	-2.64E-05	2.74E-04	1.70E-04	-1.64E-04				
61	987.00	-8.24E-01	-5.56E-01	-5.52E-01	-3.73E+00	1.69E-01	2.77E+00	3.04E+00	-4.42E+00	-46.03	-8.24E-01	-3.73E+00	
	-288.00	-1.24E-05	-1.79E-07	.00E+00	-3.39E-04	1.54E-05	2.52E-04	1.63E-04	-1.76E-04				
62	1037.00	4.62E+00	2.78E+00	2.96E+00	-2.73E+00	-6.68E-01	2.23E+00	6.58E+00	8.18E-01	-35.74	2.78E+00	2.73E+00	
	-318.00	7.53E-05	-7.93E-06	.00E+00	-2.48E-04	-6.07E-05	2.02E-04	1.65E-04	-9.74E-05				
63	962.00	1.05E-01	5.76E-02	-5.41E-02	-1.85E+00	-9.16E-02	1.55E+00	1.93E+00	-1.77E+00	-44.63	1.05E-01	-1.85E+00	
	-213.00	3.36E-06	1.21E-06	-3.87E-06	-1.68E-04	-8.32E-06	1.41E-04	8.65E-05	-8.19E-05				
64	1012.00	-2.43E-01	-1.52E-01	-2.84E-01	-2.00E+00	4.87E-02	1.57E+00	1.80E+00	-2.20E+00	-45.66	-2.43E-01	-2.00E+00	
	-213.00	-2.25E-06	1.93E-06	-4.09E-06	-1.82E-04	4.43E-06	1.43E-04	5.06E-05	-9.10E-05				
65	837.00	-8.06E-02	1.46E-01	-3.46E-01	-1.41E+00	-2.44E-01	1.63E+00	1.44E+00	-1.38E+00	-47.30	1.46E-01	1.41E+00	
	-148.00	-3.55E-07	4.79E-06	-6.40E-06	-6.39E-05	-1.11E-05	7.40E-05	3.43E-05	-2.98E-05				
66	937.00	2.17E-01	8.93E-02	-2.35E-01	-2.47E+00	-1.80E-01	1.92E+00	2.63E+00	-2.32E+00	-44.26	-1.60E+00	1.75E+00	
	-128.00	4.57E-06	1.65E-06	-5.72E-06	-1.12E-04	-8.19E-06	8.74E-05	5.93E-05	-5.31E-05				
67	1037.00	2.27E+00	5.20E-01	4.84E-01	-2.37E+00	-7.86E-01	2.17E+00	3.92E+00	-1.13E+00	-34.69	5.20E-01	2.37E+00	
	-148.00	3.44E-05	-5.34E-06	-6.15E-06	-1.08E-04	-3.57E-05	9.87E-05	7.20E-05	-4.30E-05				
68	837.00	7.31E-01	6.93E-01	3.74E-01	-2.69E+00	-4.02E-01	2.17E+00	3.41E+00	-1.98E+00	-44.80	7.31E-01	-2.69E+00	
	-68.00	8.37E-06	6.91E-06	-5.39E-06	-2.07E-04	-3.09E-05	1.67E-04	1.11E-04	-9.59E-05				
69	937.00	8.55E-01	-1.28E-01	6.48E-03	-1.44E+00	-4.28E-01	1.25E+00	1.88E+00	-1.16E+00	-35.56	-1.28E-01	1.44E+00	
	-88.00	2.48E-05	-1.30E-05	-7.81E-06	-1.11E-04	-3.29E-05	9.64E-05	6.43E-05	-5.25E-05				
70	1037.00	1.12E-01	-2.00E-01	-2.92E-01	-2.45E+00	9.55E-02	2.53E+00	2.41E+00	-2.50E+00	-43.18	-1.85E+00	1.67E+00	
	-68.00	8.48E-06	-3.51E-06	-7.05E-06	-1.88E-04	7.35E-06	1.95E-04	9.69E-05	-9.19E-05				
71	862.00	5.70E-01	3.63E-01	1.08E-01	-1.14E+00	-3.59E-01	1.07E+00	1.61E+00	-6.76E-01	-42.40	5.70E-01	-1.14E+00	
	-18.00	1.05E-05	2.51E-06	-7.28E-06	-8.75E-05	-2.76E-05	8.25E-05	5.04E-05	-3.74E-05				
72	1012.00	-1.69E-01	-2.50E-01	-4.61E-01	-1.23E+00	5.51E-02	9.80E-01	1.02E+00	-1.44E+00	-44.06	-1.69E-01	-1.23E+00	
	-18.00	3.17E-06	5.32E-08	-8.06E-06	-9.48E-05	4.24E-06	7.54E-05	4.90E-05	-4.58E-05				
73	1387.00	-2.49E-01	-2.60E-01	-2.47E-01	-1.49E+00	7.48E-04	1.02E+00	1.23E+00	-1.76E+00	-44.90	-2.49E-01	-1.49E+00	
	-303.00	-1.51E-06	-2.00E-06	-1.40E-06	-1.35E-04	6.80E-08	9.24E-05	6.58E-05	-6.93E-05				
74	1387.00	-2.77E-02	4.58E-02	-1.31E-01	-1.57E+00	-2.36E-02	1.00E+00	1.58E+00	-1.56E+00	-45.67	-2.77E-02	-1.57E+00	
	-213.00	2.02E-07	3.54E-06	-4.48E-06	-1.43E-04	-2.14E-06	9.13E-05	7.33E-05	-6.95E-05				
75	1387.00	1.44E-02	-9.81E-02	-4.03E-01	-1.16E+00	-8.74E-02	6.80E-01	1.12E+00	-1.20E+00	-43.61	1.44E-02	-1.16E+00	
	-138.00	2.88E-06	3.21E-07	-6.60E-06	-5.25E-05	-3.97E-06	3.09E-05	2.79E-05	-2.47E-05				
76	1187.00	3.98E-01	2.90E-01	5.12E-02	-1.78E+00	-2.75E-01	7.67E-01	2.12E+00	-1.43E+00	-44.13	3.98E-01	-1.78E+00	
	-68.00	7.19E-06	3.04E-06	-6.16E-06	-1.37E-04	-2.11E-05	5.90E-05	7.35E-05	-6.33E-05				
77	1387.00	5.01E-01	3.87E-01	3.36E-02	-8.89E-01	-2.05E-01	6.75E-01	1.33E+00	-4.46E-01	-43.17	3.87E-01	8.89E-01	
	-88.00	9.14E-06	4.76E-06	-8.84E-06	-6.84E-05	-1.58E-05	5.19E-05	4.12E-05	-2.73E-05				
78	1587.00	1.39E-01	9.63E-02	-1.87E-01	-1.12E+00	9.72E-03	4.42E-01	1.24E+00	-1.01E+00	-44.46	-3.35E-01	1.03E+00	
	-68.00	4.81E-06	3.18E-06	-7.73E-06	-8.65E-05	7.48E-07	3.40E-05	4.72E-05	-3.93E-05				
79	1237.00	6.64E-01	2.67E-01	5.82E-02	-9.59E-01	-2.93E-01	5.92E-01	1.44E+00	-5.14E-01	-39.15	6.64E-01	-9.59E-01	
	-18.00	1.47E-05	-5.99E-07	-8.63E-06	-7.39E-05	-2.26E-05	4.55E-05	4.47E-05	-3.06E-05				
80	1433.80	4.03E-01	1.31E-01	-1.13E-01	-1.12E+00	-1.32E-01	4.41E-01	1.40E+00	-8.63E-01	-41.54	4.03E-01	-1.12E+00	
	-8.00	1.09E-05	4.15E-07	-8.97E-06	-8.63E-05	-1.02E-05	3.39E-05	4.91E-05	-3.78E-05				
81	1533.80	6.65E-01	1.50E-01	5.35E-03	-6.54E-01	-1.05E-01	2.84E-01	1.11E+00	-2.95E-01	-34.24	1.50E-01	6.54E-01	
	-28.00	1.66E-05	-3.25E-06	-8.81E-06	-5.03E-05	-8.42E-06	2.18E-05	3.37E-05	-2.04E-05				
82	1633.80	7.04E-01	2.36E-01	7.47E-02	-2.43E-01	-5.02E-04	6.41E-02	8.07E-01	1.33E-01	-23.02	1.34E-01	2.84E-02	
	-8.00	1.59E-05	-2.09E-06	-8.27E-06	-1.87E-05	-3.86E-08	4.93E-06	1.99E-05	-6.04E-06				
83	1433.80	2.75E+00	1.19E+00	1.21E+00	-7.33E-01	-7.22E-01	3.26E-01	3.04E+00	9.01E-01	-21.65	1.19E+00	7.33E-01	
	27.60	4.92E-05	-1.07E-05	-1.02E-05	-5.64E-05	-5.56E-05	2.51E-05	6.04E-05	-2.19E-05				
84	1296.10	9.75E-01	1.33E-01	7.60E-02	-7.83E-01	-3.42E-01	4.01E-01	1.44E+00	-3.36E-01	-30.87	6.13E-01	8.88E-01	
	40.70	2.45E-05	-7.91E-06	-1.01E-05	-6.03E-05	-2.63E-05	3.09E-05	4.25E-05	-2.59E-05				
85	1148.60	4.36E-01	-2.01E-01	-2.09E-01	-1.05E+00	-3.87E-01	2.88E-01	1.22E+00	-9.82E-01	-36.58	-8.10E-01	-5.90E-01	
	57.33	1.45E-05	-8.00E-06	-9.33E-06	-8.09E-05	-2.98E-05	2.22E-05	4.65E-05	-3.80E-05				
86	1131.40	3.47E+00	1.70E+00	1.60E+00	-3.93E-01	-1.33E+00	4.55E-02	3.56E+00	1.62E+00	-11.95	1.70E+00	3.93E-01	
	112.00	5.92E-05	-9.06E-06	-1.29E-05	-3.02E-05	-1.02E-04	3.50E-06	6.24E-05	-1.23E-05				
87	1019.80	1.00E+00	4.38E-01	2.35E-01	-1.11E+00	-5.02E-01	1.59E+00	1.96E+00	-4.23E-01	-37.84	4.38E-01	1.11E+00	
	34.67	2.02E-05	-1.58E-06	-9.39E-06	-8.53E-05	-3.86E-05	1.23E-04	5.33E-05	-3.47E-05				
88	886.60	4.95E-01	1.99E-01	-7.99E-04	-9.08E-01	-2.47E-01	9.75E-01	1.27E+00	-5.73E-01	-40.38	4.95E-01	-9.08E-01	
	46.00	1.14E-05	5.22E-08	-7.65E-06	-6.98E-05	-1.90E-05	7.50E-05	4.11E-05	-2.96E-05				
89	869.80	[illegible]3E+00	9.79E-01	9.31E-01	-5.01E-01	-7.77E-01	3.[illegible]01	2.41E+00	8.03E-01	-19.35	9.79E-01	5.01E-0[illegible]	
	9[illegible].00	[illegible]E-0[illegible]	-7.84E-06	-9.66E-06	-3.86E-05	-5.97E-05	2[illegible]05	4.70E-05	-1.46E-05				
90	952.	[illegible]3E-01	-1.07E+00	-5.91E-01	-1.34E+00	-4.04E-01	[illegible]01	1.19E+00	-1.87E+00	-30.75	-1.51E+00	9.7[illegible]	

	128.	[illegible]90E-05	-2.71E-05	-8.84E-05	-1.03E-04	-3.11E-05	[illegible]	[illegible]-05	5.58E-05	-5.79E-05				
91	869.50	[illegible]44E-01	9.05E-02	1.31E-02	-6.16E-01	-4.16E-01	[illegible]	[illegible]-01	1.04E+00	-3.15E-01	-32.70	6.44E-01	-6.10E[illegible]	
	160.00	[illegible].67E-05	-5.02E-06	-7.60E-06	-4.74E-05	-3.20E-05	[illegible]	[illegible]-05	3.19E-05	-2.02E-05				
92	869.80	3.16E+00	1.57E+00	1.23E+00	-3.45E-01	-1.51E+00	3.80E-01	3.21E+00	1.01E+00	-9.14	1.07E+00	3.45E-01		
	203.60	6.14E-05	-1.89E-05	-1.25E-05	-2.65E-05	-1.16E-04	2.92E-05	6.36E-05	-2.10E-05					
93	598.67	-1.72E-01	5.01E-02	-9.24E-02	-1.81E+00	-1.03E+00	2.07E+00	1.75E+00	-1.87E+00	-46.75	5.01E-02	1.81E+00		
	16.00	-4.25E-06	4.28E-06	-1.20E-06	-1.39E-04	-7.96E-05	1.59E-04	6.97E-05	-6.97E-05					
94	645.75	3.02E-01	2.03E-01	1.38E-01	-1.16E+00	-4.23E-01	1.00E+00	1.41E+00	-9.09E-01	-43.77	3.02E-01	-1.16E+00		
	24.00	4.56E-06	7.35E-07	-1.76E-06	-8.93E-05	-3.25E-05	7.71E-05	4.73E-05	-4.20E-05					
95	613.10	3.77E-01	6.07E-01	4.06E-01	-2.00E+00	-4.08E-01	2.91E-01	2.50E+00	-1.51E+00	-46.64	3.77E-01	-2.00E+00		
	69.33	-7.60E-07	8.07E-06	3.29E-07	-1.54E-04	-3.14E-05	2.23E-05	8.08E-05	-7.35E-05					
96	708.45	5.79E-01	1.51E-01	1.16E-01	-9.29E-01	-4.33E-01	7.86E-01	1.32E+00	-5.86E-01	-38.52	7.26E-01	8.83E-01		
	55.00	1.30E-05	-3.47E-06	-4.89E-06	-7.15E-05	-3.33E-05	6.05E-05	4.14E-05	-3.19E-05					
97	612.10	1.62E+00	7.21E-01	7.34E-01	-6.48E-01	-1.35E+00	4.77E-01	1.96E+00	3.82E-01	-27.63	7.21E-01	6.48E-01		
	96.00	2.95E-05	-6.05E-06	-5.56E-06	-4.98E-05	-1.04E-04	3.67E-05	4.16E-05	-1.91E-05					
98	682.27	6.03E-01	2.03E-01	1.42E-01	-1.30E+00	-4.14E-01	8.41E-01	1.72E+00	-9.11E-01	-40.59	-7.32E-01	6.63E-01		
	112.00	1.29E-05	-2.65E-06	-5.00E-06	-1.00E-04	-3.19E-05	6.47E-05	5.58E-05	-4.55E-05					
99	751.43	2.04E+00	-3.51E-01	3.98E-01	-1.41E+00	-1.07E+00	1.83E+00	2.69E+00	-1.00E+00	-24.86	-3.51E-01	1.41E+00		
	96.00	5.54E-05	-3.64E-05	-7.59E-06	-1.08E-04	-8.24E-05	1.41E-04	8.06E-05	-6.15E-05					
100	683.25	5.26E-01	1.35E-01	4.80E-02	-4.73E-01	-3.17E-01	6.23E-01	8.42E-01	-1.82E-01	-33.78	5.26E-01	-4.73E-01		
	152.00	1.24E-05	-2.61E-06	-5.94E-06	-3.64E-05	-2.44E-05	4.79E-05	2.46E-05	-1.48E-05					
101	648.67	2.73E+00	1.29E+00	1.31E+00	-3.07E-01	-9.16E-01	4.00E-01	2.79E+00	1.22E+00	-11.57	1.29E+00	3.07E-01		
	192.00	4.63E-05	-9.02E-06	-8.04E-06	-2.37E-05	-7.04E-05	3.08E-05	4.88E-05	-1.14E-05					
102	725.25	4.29E-01	-2.27E-01	-1.68E-01	-4.98E-01	-2.41E-01	4.52E-01	6.97E-01	-4.95E-01	-28.32	8.58E-02	5.96E-01		
	232.70	1.61E-05	-9.10E-06	-6.85E-06	-3.83E-05	-1.85E-05	3.48E-05	2.65E-05	-1.94E-05					
103	635.50	4.03E-01	4.57E-01	1.45E-01	-1.72E-02	-1.85E-01	-1.15E-01	4.62E-01	3.98E-01	-73.76	4.03E-01	-1.72E-02		
	256.00	4.46E-06	6.54E-06	-5.48E-06	-1.33E-06	-1.42E-05	-8.83E-06	6.73E-06	4.26E-06					
104	635.50	1.00E+00	6.80E-01	3.59E-01	2.37E-02	-6.55E-01	3.62E-02	1.00E+00	6.78E-01	4.19	6.80E-01	-2.37E-02		
	290.67	1.61E-05	3.73E-06	-8.62E-06	1.82E-06	-5.04E-05	2.78E-06	1.62E-05	3.66E-06					
105	569.00	-2.78E-01	4.01E-02	-8.27E-04	-1.89E+00	-5.96E-01	1.76E+00	1.78E+00	-2.02E+00	-47.40	-2.78E-01	-1.89E+00		
	16.50	-8.07E-06	4.17E-06	2.59E-06	-1.46E-04	-4.59E-05	1.35E-04	7.11E-05	-7.50E-05					
106	508.50	-3.79E+00	-2.52E+00	-2.37E+00	-1.36E+00	-1.41E+00	5.28E-01	-1.65E+00	-4.65E+00	-57.56	-2.52E+00	1.36E+00		
	13.00	-5.04E-05	-1.48E-06	4.26E-06	-1.04E-04	-1.08E-04	4.06E-05	3.17E-05	-8.36E-05					
107	521.00	-1.02E+00	-4.81E-01	-3.32E-01	-1.85E+00	-4.99E-01	9.79E-01	1.12E+00	-2.62E+00	-49.18	-1.02E+00	-1.85E+00		
	15.75	-1.92E-05	1.69E-06	7.42E-06	-1.42E-04	-3.84E-05	7.53E-05	6.32E-05	-8.07E-05					
108	526.25	-8.77E-01	-3.97E-01	-2.86E-01	-2.04E+00	-4.21E-01	1.01E+00	1.42E+00	-2.69E+00	-48.35	-8.77E-01	-2.04E+00		
	21.00	-1.66E-05	1.87E-06	6.14E-06	-1.57E-04	-3.24E-05	7.80E-05	7.17E-05	-8.65E-05					
109	515.50	-2.36E+00	-1.57E+00	-1.51E+00	-2.51E+00	-9.74E-01	5.35E-01	5.82E-01	-4.51E+00	-49.46	-1.57E+00	2.51E+00		
	26.00	-3.10E-05	-6.26E-07	1.77E-06	-1.93E-04	-7.49E-05	4.12E-05	8.21E-05	-1.14E-04					
110	531.50	-3.26E-01	-2.03E-01	-8.48E-02	-1.66E+00	-2.93E-01	8.67E-01	1.40E+00	-1.93E+00	-46.05	-3.26E-01	-1.66E+00		
	34.50	-5.79E-06	-1.08E-06	3.49E-06	-1.28E-04	-2.26E-05	6.67E-05	6.06E-05	-6.75E-05					
111	515.50	1.22E+00	1.91E+00	1.44E+00	-4.88E+00	-2.27E-01	2.17E-02	6.46E+00	-3.33E+00	-47.02	1.22E+00	-4.89E+00		
	44.00	-3.36E-06	2.32E-05	5.29E-06	-3.75E-04	-1.75E-05	1.67E-06	1.98E-04	-1.78E-04					
112	515.50	4.71E-01	2.70E-01	3.11E-01	-1.13E+00	-5.46E-01	4.32E-01	1.50E+00	-7.62E-01	-42.45	2.70E-01	1.13E+00		
	53.33	6.57E-06	-1.18E-06	3.91E-07	-8.68E-05	-4.20E-05	3.32E-05	4.63E-05	-4.09E-05					
113	547.50	7.17E-01	-2.30E-01	2.08E-01	-1.78E+00	-3.41E-01	1.73E+00	2.08E+00	-1.60E+00	-37.54	-7.81E-01	1.53E+00		
	64.00	1.99E-05	-1.65E-05	3.68E-07	-1.37E-04	-2.62E-05	1.33E-04	7.25E-05	-6.91E-05					
114	515.50	1.49E+00	1.72E+00	1.33E+00	-2.04E+00	-1.32E-01	4.91E-01	3.65E+00	-4.33E-01	-46.63	1.49E+00	-2.04E+00		
	74.67	7.47E-06	1.64E-05	1.12E-06	-1.57E-04	-1.02E-05	3.78E-05	9.05E-05	-6.66E-05					
115	515.50	2.97E+00	1.86E+00	1.92E+00	-7.32E-01	-4.39E-01	4.07E-01	3.33E+00	1.50E+00	-26.37	1.86E+00	7.32E-01		
	88.00	4.02E-05	-2.68E-06	-3.96E-07	-5.63E-05	-3.38E-05	3.13E-05	5.41E-05	-1.66E-05					
116	547.50	1.75E+00	1.73E-01	7.54E-01	-2.23E+00	-3.08E-01	1.36E+00	3.33E+00	-1.41E+00	-35.29	-7.85E-01	1.60E+00		
	104.00	3.78E-05	-2.27E-05	-3.73E-07	-1.72E-04	-2.37E-05	1.04E-04	9.86E-05	-8.35E-05					
117	515.50	5.91E-01	6.00E-01	4.00E-01	-1.62E+00	-3.53E-02	7.46E-01	2.22E+00	-1.03E+00	-45.08	5.91E-01	-1.62E+00		
	120.00	5.25E-06	5.59E-06	-2.10E-06	-1.25E-04	-2.71E-06	5.74E-05	6.77E-05	-5.69E-05					
118	515.50	2.08E+00	1.26E+00	1.22E+00	-6.25E-01	-2.19E-01	3.43E-01	2.42E+00	9.19E-01	-28.32	1.26E+00	6.25E-01		
	136.00	2.99E-05	-1.72E-06	-3.20E-06	-4.81E-05	-1.69E-05	2.64E-05	4.29E-05	-1.47E-05					
119	547.50	1.50E+00	4.34E-01	6.64E-01	-1.50E+00	-1.65E-01	7.85E-01	2.56E+00	-6.29E-01	-35.24	-2.11E-01	1.08E+00		
	152.00	2.92E-05	-1.19E-05	-3.01E-06	-1.16E-04	-1.27E-05	6.04E-05	7.00E-05	-5.28E-05					
120	515.50	7.11E-01	5.87E-01	3.42E-01	-1.09E+00	-1.54E-02	4.58E-01	1.76E+00	-4.42E-01	-43.38	7.11E-01	-1.09E+00		
	168.00	9.31E-06	4.57E-06	-4.87E-06	-8.38E-05	-1.19E-06	3.52E-05	4.89E-05	-3.50E-05					
121	515.50	2.69E+00	1.64E+00	1.54E+00	-4.90E-01	-2.18E-01	2.57E-01	2.88E+00	1.45E+00	-21.46	1.64E+00	4.90E-01		
	184.00	3.90E-05	-1.46E-06	-5.33E-06	-3.77E-05	-1.68E-05	1.97E-05	4.64E-05	-9.87E-06					
122	547.50	9.30E-01	-4.65E-01	3.52E-03	-1.65E+00	-1.29E-01	1.08E+00	2.02E+00	-1.56E+00	-33.54	-1.16E+00	1.13E+00		

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	200.00	3.06E-05	-2.30E-05	-5.01E-06	-1.27E-04	-9.54E-06	8.29E-05	7.27E-05	-6.51E-05				
123	515.50	-2.68E-01	-6.34E-01	-6.65E-01	-7.79E-01	1.22E-01	5.90E-01	2.95E-01	-1.29E+00	-40.15	-3.68E-01	-7.79E-01	
	216.00	4.17E-05	-6.06E-06	-7.27E-06	-5.99E-05	9.38E-06	4.54E-05	2.91E-05	-3.13E-05				
124	515.50	7.84E-01	4.04E-01	2.30E-01	-1.96E-01	1.44E-01	1.60E-01	8.67E-01	3.21E-01	-22.93	4.04E-01	1.96E-01	
	232.00	1.46E-05	-4.55E-08	-6.75E-06	-1.51E-05	1.11E-05	1.30E-05	1.78E-05	-3.24E-06				
125	547.50	4.06E-01	1.66E-01	-2.46E-03	-3.86E-01	8.43E-02	5.45E-01	6.90E-01	-1.18E-01	-36.34	-1.30E-03	2.84E-01	
	248.00	9.37E-06	1.22E-07	-6.36E-06	-2.97E-05	6.45E-06	4.19E-05	2.03E-05	-1.06E-05				
126	515.50	-6.67E-01	-9.89E-01	-9.51E-01	7.45E-02	2.17E-01	6.20E-01	-6.50E-01	-1.00E+00	12.43	-6.67E-01	7.45E-02	
	264.00	3.00E-06	-9.38E-06	-7.93E-06	5.73E-05	1.67E-05	4.77E-05	3.63E-06	-1.00E-05				
127	515.50	3.82E-01	1.68E-01	2.24E-02	-6.84E-02	4.12E-01	9.63E-02	4.04E-01	1.66E-01	-17.56	1.88E-01	6.84E-02	
	276.00	8.19E-06	7.16E-07	-5.65E-06	-5.26E-06	3.17E-05	7.41E-06	9.02E-06	-1.16E-07				
128	531.50	-3.20E-01	-2.09E-01	-4.50E-01	-4.14E-02	1.93E-01	5.79E-02	-1.95E-01	-3.34E-01	-71.70	-3.20E-01	-4.14E-02	
	297.00	-1.56E-06	2.72E-06	-6.54E-06	-3.18E-06	1.49E-05	4.46E-06	3.25E-06	-2.09E-06				
129	515.50	-1.38E+00	-1.17E+00	-1.28E+00	2.63E-01	2.08E-01	4.07E-01	-9.92E-01	-1.56E+00	55.50	-1.38E+00	2.63E-01	
	320.00	-1.08E-05	-3.07E-06	-7.11E-06	2.03E-05	1.60E-05	3.13E-05	3.89E-06	-1.78E-05				
183	565.50	-7.03E-02	7.52E-02	1.83E-01	-2.84E+00	-7.81E-01	2.24E+00	2.84E+00	-2.84E+00	-45.73	-7.03E-02	-2.84E+00	
	-8.00	-4.77E-06	8.27E-07	4.97E-06	-2.18E-04	-6.01E-05	1.72E-04	1.07E-04	-1.11E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9100E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3173E+02	.1984E+03	-.1978E+02	-.3019E+02	-.6958E+02	.4733E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4063E+01	-.1778E+01	-.8039E+00	-.2732E+02	.1871E+02	.2445E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3477E+01	.5656E+00	-.3516E+00	-.4421E+02	.4167E+02	.4464E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4888E+01	-.1119E+01	-.6942E-01	-.6193E+02	.6533E+02	.6530E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5336E+01	.7737E+00	-.7641E-01	-.7974E+02	.8873E+02	.8784E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5547E+00	.5395E+00	-.3250E+00	-.1064E+03	.1127E+03	.1148E+03
25	-.1258E+02	-.2039E+01	-.6805E-01	-.1325E+03	.1242E+03	.1411E+03
26	.4827E+01	.4206E+00	.1569E-01	-.1437E+03	.1313E+03	.1604E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.6526E+02	.1258E+02	-.2180E+01	-.1473E+03	.1815E+03	.1760E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3[illegible]	.0000E+00	.0000E+00	.0000E+00	.0000E[illegible]	.0000E+00	.0000E+00
[illegible]	-.1111E+04	-.1928E+03	.7645E+01	-.2068[illegible]	.4859E+03	.2778E+03
[illegible]	-.7777E+03	-.1222E+03	-.1725E+01	-.1[illegible]	.4796E+03	.2549E+03

	-.5138E+03	-.6897E+02	-.9353E+01	-.	.4340E+03	.2213E+03
	-.1227E+03	-.5948E+01	-.9356E+01	-.14	.3019E+03	.1930E+03
	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1248E+04	.1637E+03	.6913E+01	-.3272E+02	.5113E+03	-.1419E+03
48	.1083E+04	.1418E+03	.7692E+01	-.6810E+02	.4733E+03	-.1018E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.1837E+04	.2799E+03	.8637E+01	.3239E+02	.3507E+03	-.4308E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.5067E+01	-.8768E+01	.5176E+00	-.1884E+02	.5035E+03	-.1333E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1258E+04	.1911E+03	.8573E+01	.7188E+01	.2834E+03	-.4056E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.8812E+03	.1344E+03	.1149E+02	.8098E+01	.2664E+03	-.3942E+03
66	.2961E+03	.4627E+02	.1445E+02	.1227E+02	.2221E+03	-.4107E+03
67	-.6066E+03	-.8946E+02	.1447E+02	.1102E+02	.1766E+03	-.4101E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1080E+04	-.1606E+03	.1216E+02	-.3813E+02	.1380E+03	-.4072E+03
76	.1167E+03	.1842E+02	.8342E+01	-.5361E+02	.8634E+02	-.4115E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.4531E+03	-.6766E+02	.6104E+01	-.6426E+02	.2256E+02	-.3976E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.1911E+03	.2963E+02	.4373E+01	-.9028E+02	-.1643E+02	-.3872E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.2649E+03	-.4032E+02	.3992E+01	-.7099E+02	-.7086E+02	-.3581E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

105	.1752E+03	.2536E+02	.3259E+01	-.5294E+02	-.1035E+03	-.3272E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2006E+03	-.3144E+02	.3324E+01	-.5323E+02	-.1452E+03	-.2943E+03
109	.1185E+03	.1413E+02	.2856E+01	-.5431E+02	-.1798E+03	-.2547E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1674E+03	-.2713E+02	.2782E+01	-.3930E+02	-.2143E+03	-.2113E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.8527E+02	-.1499E+02	.5541E+00	-.2169E+02	-.2305E+03	-.1667E+03
115	-.2643E+02	-.6283E+01	-.1435E+00	-.7413E+01	-.2324E+03	-.1208E+03
116	-.7242E+02	-.1348E+02	-.8146E+00	.2426E+01	-.2441E+03	-.9126E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.7643E+02	-.1422E+02	-.1572E+01	-.9933E+01	-.2514E+03	-.8089E+02
119	-.5041E+02	-.1013E+02	-.2279E+01	.2025E+02	-.2295E+03	-.4615E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1420E+03	-.1863E+02	-.8545E+01	.1915E+02	-.2004E+03	-.2413E+02
122	-.1197E+03	-.9151E+01	-.1457E+02	-.6532E+01	-.1938E+03	-.2473E+02
123	-.9103E+02	-.6082E+01	-.1292E+02	-.4512E+01	-.1695E+03	-.2233E+02
124	-.6666E+02	-.4318E+01	-.8912E+01	-.3118E+01	-.1397E+03	-.2039E+02
125	-.4410E+02	-.2199E+01	-.6541E+01	-.1961E+01	-.1157E+03	-.1854E+02
126	-.1432E+02	.2492E+01	-.5097E+01	-.4887E+00	-.9762E+02	-.1656E+02
127	.7651E+01	.6177E+01	-.6233E+01	.5117E+00	-.8368E+02	-.1403E+02
128	.3026E+02	.9247E+01	-.5996E+01	.2888E+01	-.5504E+02	-.1117E+02
129	.3087E+02	.8053E+01	-.5085E+01	.3967E+01	-.3187E+02	-.8636E+01
130	.2157E+02	.4957E+01	-.3777E+01	.4152E+01	-.1475E+02	-.6846E+01
131	.5745E+01	.9025E+00	-.2602E+01	.3608E+01	-.5377E+01	-.5716E+01
132	-.6225E+00	-.4101E+00	-.1928E+01	.2383E+01	-.5601E+01	-.4914E+01
133	-.1115E+01	-.3461E+00	-.1759E+01	.1642E+01	-.6348E+01	-.4127E+01
134	-.3087E+00	-.1020E+00	-.1751E+01	.1255E+01	-.5364E+01	-.3246E+01
135	-.5759E-02	-.8099E-02	-.1967E+01	.9586E+00	-.3793E+01	-.2392E+01
136	.4198E-02	-.1178E-01	-.2614E+01	.6725E+00	-.2459E+01	-.1597E+01
137	.4724E-01	.1562E-01	-.4097E+01	.4717E+00	-.1112E+01	-.8737E+00
138	-.1983E-01	-.8781E-01	-.6718E+02	.3194E+00	.2957E+00	-.4392E+00
139	-.6443E-01	-.1044E+00	.1921E+02	.5035E-01	-.1594E+00	.1617E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.21659E-01	.12453E-03	-.21723E-01	.00000E+00
3	.39685E-01	.42181E-03	-.39696E-01	.00000E+00
4	.43117E-01	.41704E-03	-.43029E-01	.00000E+00
5	.46648E-01	.16105E-04	-.46667E-01	.00000E+00
6	.52992E-01	-.72111E-05	-.52984E-01	.95164E-05
7	.48479E-01	.82313E-03	-.49148E-01	.00000E+00
8	.53150E-01	.63589E-03	-.53336E-01	.19782E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.21541E-01	.23039E-03	-.21778E-01	.00000E+00
11	.39998E-01	.50491E-03	-.40626E-01	.00000E+00
12	.44681E-01	.58371E-03	-.45426E-01	.00000E+00
13	.48481E-01	.46537E-03	-.48874E-01	.00000E+00
14	.53478E-01	.63634E-03	-.54267E-01	.48370E-05
15	.49172E-01	.11756E-02	-.51459E-01	.00000E+00
16	.53967E-01	.10147E-02	-.55795E-01	-.21462E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.21786E-01	.31760E-03	-.22759E-01	.00000E+00
19	.40823E-01	.63083E-03	-.42828E-01	.00000E+00
20	.45740E-01	.79554E-03	-.48103E-01	.00000E+00
21	.49706E-01	.52517E-03	-.51880E-01	.00000E+00
22	.54640E-01	.64559E-03	-.57926E-01	[illegible]3509E-05
[illegible]	.51110E-01	.17007E-02	-.56305E-01	[illegible]00E+00
[illegible]	.55473E-01	.14752E-02	-.60720E-01	[illegible]32E-04

	.56052E-01	.19082E-02	-.62516E-01	.88888E-07
	.56390E-01	.18034E-02	-.63577E-01	.77562E-05
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.21803E-01	.60573E-03	-.23675E-01	.00000E+00
29	.41867E-01	.11775E-02	-.45151E-01	.00000E+00
30	.46359E-01	.13546E-02	-.51318E-01	.00000E+00
31	.51530E-01	.16971E-02	-.57237E-01	.00000E+00
32	.54748E-01	.20421E-02	-.64750E-01	.49027E-04
33	.51418E-01	.25406E-02	-.57321E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.21771E-01	.91104E-03	-.23774E-01	.00000E+00
36	.42247E-01	.14573E-02	-.45780E-01	.00000E+00
37	.47424E-01	.16343E-02	-.51225E-01	.00000E+00
38	.52997E-01	.20657E-02	-.59477E-01	.00000E+00
39	.57400E-01	.28594E-02	-.66767E-01	-.33113E-04
40	.57288E-01	.30450E-02	-.66298E-01	-.24014E-05
41	.57180E-01	.29471E-02	-.65861E-01	.18805E-04
42	.57007E-01	.25333E-02	-.65368E-01	.39165E-04
43	.47086E-01	.21130E-02	-.50572E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.20489E-01	-.22371E-03	-.22002E-01	.00000E+00
46	.42307E-01	.12263E-02	-.44368E-01	.00000E+00
47	.57453E-01	.25923E-02	-.66946E-01	-.29839E-04
48	.57437E-01	.27226E-02	-.66921E-01	-.45296E-04
49	.52942E-01	.21473E-02	-.58993E-01	.00000E+00
50	.57285E-01	.27238E-02	-.67175E-01	-.13119E-03
51	.53527E-01	.23686E-02	-.57943E-01	.00000E+00
52	.60033E-01	.23768E-02	-.63526E-01	.00000E+00
53	.57496E-01	.24176E-02	-.67041E-01	-.69572E-05
54	.46964E-01	.12460E-02	-.47410E-01	.00000E+00
55	.52737E-01	.19760E-02	-.52486E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.17677E-01	.18740E-02	-.16595E-01	.00000E+00
58	.38034E-01	.11066E-02	-.32040E-01	.00000E+00
59	.61260E-01	.17702E-02	-.60660E-01	.00000E+00
60	.60191E-01	.22647E-02	-.61880E-01	.00000E+00
61	.58491E-01	.27299E-02	-.67342E-01	-.20169E-03
62	.44674E-01	.65132E-03	-.38712E-01	.00000E+00
63	.51421E-01	.53543E-03	-.46232E-01	.00000E+00
64	.61273E-01	.23412E-02	-.64400E-01	.00000E+00
65	.59174E-01	.27366E-02	-.67499E-01	-.25040E-03
66	.60864E-01	.27466E-02	-.67813E-01	-.30394E-03
67	.62686E-01	.27514E-02	-.68155E-01	-.29967E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.13974E-01	-.27000E-03	-.10364E-01	.00000E+00
70	.40357E-01	.13715E-03	-.33371E-01	.00000E+00
71	.59837E-01	.45445E-03	-.53427E-01	.00000E+00
72	.62956E-01	.21796E-02	-.64639E-01	.00000E+00
73	.49737E-01	.25777E-03	-.39078E-01	.00000E+00
74	.66811E-01	.22232E-02	-.67445E-01	.00000E+00
75	.64235E-01	.27571E-02	-.68456E-01	-.22035E-03
76	.66316E-01	.28223E-02	-.69021E-01	-.15402E-03
77	.57180E-01	-.10761E-03	-.46614E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.16750E-01	.51035E-03	-.14042E-01	.00000E+00
80	.38694E-01	-.43260E-03	-.30391E-01	.00000E+00
81	.42867E-01	-.49084E-03	-.33373E-01	.00000E+00
82	.47904E-01	-.71164E-03	-.39011E-01	.00000E+00
83	.66779E-01	.34656E-03	-.59369E-01	.00000E+00
84	.63107E-01	-.30396E-03	-.52169E-01	.00000E+00
85	.68673E-01	.28491E-02	-.69740E-01	-.12307E-03
86	.69256E-01	.22924E-02	-.69236E-01	.00000E+00
87	.57753E-01	-.33339E-03	-.45221E-01	.00000E+00
88	.65416E-01	.17500E-02	-.65086E-01	.00000E+00

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89	.70293E-01	.29385E-02	-.70436E-01	-.59059E-04
90	.45026E-01	-.26444E-03	-.28326E-01	.00000E+00
91	.48203E-01	-.49314E-03	-.30649E-01	.00000E+00
92	.51612E-01	.26416E-03	-.32441E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.19658E-01	.00000E+00	-.12507E-01	.00000E+00
95	.25985E-01	.00000E+00	-.22237E-01	.00000E+00
96	.41096E-01	.00000E+00	-.25217E-01	.00000E+00
97	.42072E-01	.00000E+00	-.25382E-01	.00000E+00
98	.42335E-01	.00000E+00	-.24890E-01	.00000E+00
99	.46019E-01	.21459E-03	-.26915E-01	.00000E+00
100	.56280E-01	.32913E-03	-.36829E-01	.00000E+00
101	.67213E-01	.10004E-02	-.52820E-01	.00000E+00
102	.72802E-01	.20315E-02	-.71439E-01	-.88995E-04
103	.70055E-01	.90667E-03	-.61484E-01	.00000E+00
104	.73811E-01	.27019E-02	-.71700E-01	.00000E+00
105	.74552E-01	.30353E-02	-.72300E-01	-.76893E-04
106	.73173E-01	.10560E-02	-.66486E-01	.00000E+00
107	.76717E-01	.29365E-02	-.73066E-01	.00000E+00
108	.76565E-01	.31561E-02	-.73111E-01	-.73488E-04
109	.78020E-01	.32328E-02	-.73767E-01	-.62247E-04
110	.77299E-01	.33610E-02	-.69962E-01	.00000E+00
111	.79897E-01	.35410E-02	-.75221E-01	.00000E+00
112	.79594E-01	.32554E-02	-.74334E-01	-.55720E-04
113	.79293E-01	.28583E-02	-.72076E-01	.00000E+00
114	.80473E-01	.32212E-02	-.74719E-01	-.21376E-04
115	.80776E-01	.32244E-02	-.75017E-01	-.64504E-05
116	.80820E-01	.31565E-02	-.75115E-01	.42093E-05
117	.80392E-01	.36401E-02	-.76460E-01	.00000E+00
118	.80721E-01	.31447E-02	-.75159E-01	.12303E-04
119	.80366E-01	.31144E-02	-.75180E-01	.22639E-04
120	.81048E-01	.34118E-02	-.76443E-01	.00000E+00
121	.79639E-01	.30293E-02	-.75083E-01	.40880E-04
122	.79556E-01	.26951E-02	-.75163E-01	.49987E-04
123	.79428E-01	.23599E-02	-.75222E-01	.57171E-04
124	.79281E-01	.19880E-02	-.75281E-01	.65445E-04
125	.79083E-01	.15605E-02	-.75341E-01	.75316E-04
126	.78691E-01	.73419E-03	-.75440E-01	.86978E-04
127	.78267E-01	-.15718E-03	-.75534E-01	.88930E-04
128	.77454E-01	-.19835E-02	-.75728E-01	.73139E-04
129	.76192E-01	-.33307E-02	-.75905E-01	.48467E-04
130	.76543E-01	-.41377E-02	-.76096E-01	.19457E-04
131	.76571E-01	-.42396E-02	-.76389E-01	-.12103E-04
132	.76830E-01	-.34407E-02	-.76648E-01	-.20357E-04
133	.77062E-01	-.26138E-02	-.76876E-01	-.16344E-04
134	.77202E-01	-.20011E-02	-.77061E-01	-.12243E-04
135	.77204E-01	-.15095E-02	-.77212E-01	-.10693E-04
136	.77359E-01	-.10386E-02	-.77321E-01	-.10840E-04
137	.77397E-01	-.58048E-03	-.77386E-01	-.10626E-04
138	.77423E-01	-.89134E-04	-.77424E-01	-.11420E-04
139	.77424E-01	-.10352E-04	-.77423E-01	-.11000E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9200E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.36E-02	6.62E-02	-1.04E-04	2.64E+00	9.37E-03	-2.67E+00	2.66E+00	-2.66E+00	45.28	1.38E-02	2.64E+00
	-303.00	-4.09E-07	1.97E-06	-1.04E-06	2.40E-04	8.52E-07	-2.43E-04	1.21E-04	-1.14E-04			
2	72.00	[illegible]06E-02	9.56E-02	-4.63E-02	2.24E+00	-1.76E-03	-[illegible]0E+00	2.30E+00	-2.17E+00	45.35	4.06E-02	2.24E+[illegible]
	-213.00	[illegible]78E-07	3.18E-06	-3.27E-06	2.03E-04	-1.60E-07	[illegible]-04	1.04E-04	-9.97E-05			
3	7[illegible]	[illegible].73E-01	1.14E-01	-1.12E-01	1.51E+00	-1.55E-0[illegible]	[illegible]E+00	1.76E+00	-1.27E+00	42.54	3.73E-01	1

	-138.00	[illegible]E-06	6.17E-07	-4.51E-06	6.85E-05	-7.05E-06	[illegible]	3.79E-05	-3.08E-05				
4	24.00	[illegible]E+00	9.53E-01	1.27E+00	2.84E+00	-4.54E-01	-3.[illegible]00	4.28E+00	-1.45E+00	40.83	1.83E+00	2.94E+00	
	-68.00	2.54E-05	-6.60E-06	3.69E-06	2.18E-04	-3.61E-05	-2.41E-04	1.20E-04	-1.01E-04				
5	72.00	-5.91E-01	-3.14E-01	-7.38E-01	1.24E+00	3.70E-02	-1.32E+00	7.98E-01	-1.70E+00	48.18	-3.14E-01	-1.24E+00	
	-88.00	-4.66E-06	5.99E-06	-1.03E-05	9.54E-05	2.51E-06	-1.01E-04	4.86E-05	-4.74E-05				
6	120.00	-3.19E-01	-3.18E-01	-4.80E-01	2.41E+00	1.30E-01	-2.36E+00	2.09E+00	-2.72E+00	45.00	2.05E+00	-4.33E-01	
	-68.00	2.82E-08	4.55E-08	-6.21E-06	1.85E-04	1.00E-05	-1.82E-04	9.25E-05	-9.25E-05				
7	36.25	6.72E-01	2.62E-01	1.54E-01	1.36E+00	-1.79E-01	-1.31E+00	1.85E+00	-9.13E-01	40.73	6.25E-01	1.37E+00	
	-19.00	1.39E-05	-1.50E-06	-5.98E-06	1.05E-04	-1.38E-05	-1.01E-04	5.91E-05	-4.71E-05				
8	108.00	-7.34E-02	-1.37E-01	-2.56E-01	1.05E+00	2.12E-03	-1.15E+00	9.47E-01	-1.16E+00	44.14	-7.34E-02	1.05E+00	
	-19.00	2.30E-06	-1.40E-07	-4.72E-06	8.09E-05	1.56E-07	-8.85E-05	4.15E-05	-3.94E-05				
9	216.00	1.28E-01	1.77E-01	7.89E-02	2.65E+00	-2.21E-02	-2.73E+00	2.80E+00	-2.50E+00	45.26	1.28E-01	2.65E+00	
	-303.00	8.49E-07	3.04E-06	-1.40E-06	2.41E-04	-2.01E-06	-2.48E-04	1.22E-04	-1.19E-04				
10	216.00	1.93E-01	1.83E-01	1.33E-02	2.30E+00	-7.25E-02	-2.50E+00	2.49E+00	-2.11E+00	44.94	1.93E-01	2.30E+00	
	-213.00	3.71E-06	3.27E-06	-4.45E-06	2.09E-04	-6.59E-06	-2.18E-04	1.08E-04	-1.01E-04				
11	216.00	3.51E-01	1.53E-01	-2.29E-01	1.79E+00	-2.26E-01	-1.91E+00	2.04E+00	-1.54E+00	43.41	3.51E-01	1.79E+00	
	-138.00	6.54E-06	2.03E-06	-6.65E-06	8.12E-05	-1.03E-05	-8.68E-05	4.49E-05	-3.64E-05				
12	168.00	8.27E-01	7.31E-01	4.62E-01	2.75E+00	-4.09E-01	-2.85E+00	3.53E+00	-1.97E+00	44.50	8.27E-01	2.75E+00	
	-68.00	9.61E-06	5.52E-06	-4.43E-06	2.11E-04	-3.15E-05	-2.19E-04	1.13E-04	-9.80E-05				
13	216.00	-7.87E-01	-3.02E-01	-8.34E-01	1.12E+00	-3.84E-02	-1.15E+00	6.01E-01	-1.69E+00	51.10	-3.02E-01	-1.12E+00	
	-88.00	-9.12E-06	9.50E-06	-1.09E-05	8.61E-05	-2.95E-06	-8.76E-05	4.42E-05	-4.39E-05				
14	264.00	-2.49E-02	-2.86E-01	-4.50E-01	2.35E+00	4.02E-02	-2.40E+00	2.19E+00	-2.50E+00	43.40	2.13E+00	-5.52E-01	
	-68.00	7.41E-06	-2.65E-06	-8.95E-06	1.80E-04	3.10E-06	-1.85E-04	9.27E-05	-8.80E-05				
15	180.00	2.62E-01	5.07E-02	-1.43E-01	1.20E+00	-2.76E-01	-1.15E+00	1.36E+00	-1.04E+00	42.48	2.62E-01	1.20E+00	
	-19.00	8.20E-06	8.67E-08	-7.35E-06	9.20E-05	-2.12E-05	-8.84E-05	5.03E-05	-4.20E-05				
16	252.00	1.41E-01	-8.62E-02	-3.24E-01	9.98E-01	-1.07E-01	-1.21E+00	1.03E+00	-9.77E-01	41.76	1.41E-01	9.98E-01	
	-19.00	8.38E-06	-3.59E-07	-9.50E-06	7.68E-05	-8.23E-06	-9.28E-05	4.27E-05	-3.46E-05				
17	361.00	1.66E-01	2.71E-01	1.16E-01	2.68E+00	-1.35E-02	-2.84E+00	2.90E+00	-2.46E+00	45.56	1.66E-01	2.68E+00	
	-303.00	3.69E-07	5.14E-06	-1.91E-06	2.44E-04	-1.23E-06	-2.59E-04	1.25E-04	-1.19E-04				
18	361.00	2.31E-01	2.53E-01	2.19E-02	2.42E+00	-6.07E-02	-2.56E+00	2.66E+00	-2.17E+00	45.13	2.31E-01	2.42E+00	
	-213.00	3.94E-06	4.91E-06	-5.57E-06	2.20E-04	-5.52E-06	-2.33E-04	1.14E-04	-1.05E-04				
19	361.00	3.90E-01	1.93E-01	-3.05E-01	1.90E+00	-2.33E-01	-2.16E+00	2.19E+00	-1.61E+00	43.52	3.90E-01	1.90E+00	
	-138.00	7.41E-06	2.93E-06	-8.39E-06	8.64E-05	-1.06E-05	-9.81E-05	4.84E-05	-3.81E-05				
20	312.00	1.44E+00	1.10E+00	7.40E-01	3.09E+00	-7.00E-01	-3.45E+00	4.37E+00	-1.83E+00	43.39	1.44E+00	3.09E+00	
	-68.00	1.95E-05	6.11E-06	-7.58E-06	2.38E-04	-5.39E-05	-2.65E-04	1.32E-04	-1.06E-04				
21	360.67	-1.28E+00	-6.58E-01	-1.24E+00	1.45E+00	3.23E-02	-1.67E+00	4.91E-01	-2.47E+00	50.65	-6.98E-01	-1.45E+00	
	-88.00	-1.38E-05	8.49E-06	-1.24E-05	1.12E-04	2.49E-06	-1.29E-04	5.42E-05	-5.95E-05				
22	409.33	7.45E-01	1.03E+00	3.14E-01	2.95E+00	-2.21E-02	-3.69E+00	3.84E+00	-2.06E+00	46.39	3.80E+00	-4.69E-01	
	-68.00	5.69E-06	1.67E-05	-1.09E-05	2.27E-04	-1.70E-06	-2.84E-04	1.25E-04	-1.02E-04				
23	324.00	5.26E-01	9.81E-02	-1.97E-01	1.22E+00	-4.92E-01	-1.22E+00	1.55E+00	-9.29E-01	40.04	5.26E-01	1.22E+00	
	-19.00	1.55E-05	-9.14E-07	-1.23E-05	9.41E-05	-3.79E-05	-9.35E-05	5.51E-05	-4.04E-05				
24	372.00	3.10E-01	-2.17E-01	-4.71E-01	3.22E+00	-4.67E-01	-3.43E+00	3.28E+00	-3.18E+00	42.66	3.10E-01	3.22E+00	
	-9.33	1.61E-05	-4.20E-06	-1.40E-05	2.48E-04	-3.59E-05	-2.64E-04	1.30E-04	-1.18E-04				
25	401.25	1.36E-01	-4.47E-02	-5.20E-01	1.05E+00	-1.63E-01	-1.41E+00	1.10E+00	-1.01E+00	42.55	-8.59E-01	5.49E-01	
	-19.00	9.95E-06	2.99E-06	-1.53E-05	8.11E-05	-1.25E-05	-1.09E-04	4.72E-05	-3.42E-05				
26	427.67	1.49E+00	1.36E+00	6.53E-01	3.59E+00	-6.30E-01	-4.84E+00	5.02E+00	-2.17E+00	44.47	3.60E+00	2.86E+00	
	-9.33	1.89E-05	1.37E-05	-1.33E-05	2.76E-04	-4.84E-05	-3.72E-04	1.54E-04	-1.22E-04				
27	457.00	1.92E-01	4.07E-01	1.76E-01	2.70E+00	1.10E-02	-2.91E+00	2.01E+00	-2.41E+00	46.14	1.92E-01	2.70E+00	
	-303.00	-1.33E-06	8.43E-06	-2.07E-06	2.46E-04	1.00E-06	-2.64E-04	1.27E-04	-1.19E-04				
28	457.00	2.03E-01	2.78E-01	1.39E-02	2.54E+00	-2.31E-02	-2.68E+00	2.78E+00	-2.30E+00	45.42	2.03E-01	2.54E+00	
	-213.00	2.81E-06	6.21E-06	-5.80E-06	2.31E-04	-2.10E-06	-2.44E-04	1.20E-04	-1.11E-04				
29	457.00	6.20E-01	3.01E-01	-1.96E-01	2.00E+00	5.34E-02	-2.20E+00	2.46E+00	-1.54E+00	42.72	6.20E-01	2.00E+00	
	-138.00	1.03E-05	3.03E-06	-8.25E-06	9.07E-05	2.43E-06	-9.98E-05	5.22E-05	-3.88E-05				
30	442.00	7.05E-01	1.62E+00	5.64E-01	3.47E+00	8.60E-02	-3.91E+00	4.66E+00	-2.33E+00	48.78	7.05E-01	3.47E+00	
	-68.00	-4.69E-06	3.07E-05	-1.01E-05	2.67E-04	6.62E-06	-3.00E-04	1.48E-04	-1.22E-04				
31	457.33	-4.10E+00	-1.89E+00	-2.70E+00	1.21E+00	1.88E+00	-2.06E+00	-1.36E+00	-4.63E+00	66.23	-1.89E+00	-1.21E+00	
	-88.00	-6.22E-05	2.28E-05	-8.31E-06	9.29E-05	1.45E-04	-1.58E-04	4.32E-05	-8.27E-05				
32	472.67	6.71E+00	5.61E+00	4.64E+00	3.00E+00	-1.17E+00	-4.94E+00	9.21E+00	3.11E+00	39.81	8.52E+00	1.93E+00	
	-68.00	7.18E-05	2.95E-05	-8.04E-06	2.31E-04	-9.00E-05	-3.80E-04	1.68E-04	-6.67E-05				
33	443.00	5.98E-01	4.61E-01	-1.51E-01	1.77E+00	-2.28E-01	-1.89E+00	2.30E+00	-1.25E+00	43.89	5.98E-01	1.77E+00	
	-19.50	1.30E-05	7.74E-06	-1.58E-05	1.36E-04	-1.76E-05	-1.45E-04	7.87E-05	-5.79E-05				
34	454.00	5.41E+00	4.07E+00	3.32E+00	4.54E+00	-1.37E+00	-6.12E+00	9.33E+00	1.53E-01	40.82	7.21E+00	3.87E+00	
	-11.33	6.73E-05	1.60E-05	-1.30E-05	3.49E-04	-1.06E-04	-4.71E-04	2.18E-04	-1.35E-04				
35	461.67	1.36E+00	1.75E+00	7.73E-01	4.30E+00	-3.50E-01	-6.34E+00	5.86E+00	-2.75E+00	46.27	1.36E+00	4.30E+00	

	-12.00	5.74E-04	2.44E-05	-1.28E-05	3.31E-04	-2.69E-05	-4.99E-04	1.83E-04	-1.45E-04				
36	449.00	-3.32E+00	-1.27E+00	-2.34E+00	4.09E-01	1.66E+00	-2.52E+00	-1.19E+00	-3.40E+00	79.09	-1.27E+00	-4.09E-01	
	-30.00	-5.15E-05	2.72E-05	-1.38E-05	3.15E-05	1.28E-04	-1.94E-04	3.02E-05	-5.45E-05				
37	476.33	2.54E+00	3.53E+00	1.94E+00	2.93E+00	-3.77E-01	-5.21E+00	6.02E+00	7.04E-02	49.70	3.74E+00	2.89E+00	
	-12.00	1.02E-05	4.75E-05	-1.36E-05	2.26E-04	-2.90E-05	-4.01E-04	1.43E-04	-8.55E-05				
38	558.50	-1.71E-01	3.12E-03	-1.16E-01	2.54E+00	7.94E-02	-2.80E+00	2.46E+00	-2.63E+00	45.98	-1.71E-01	2.54E+00	
	-303.00	-4.08E-06	3.82E-06	-1.57E-06	2.31E-04	7.22E-06	-2.55E-04	1.16E-04	-1.16E-04				
39	858.50	5.15E-02	3.61E-01	4.75E-02	2.54E+00	1.56E-01	-2.73E+00	2.76E+00	-2.33E+00	46.86	5.15E-02	2.54E+00	
	-213.00	-3.89E-06	1.11E-05	-4.08E-06	2.31E-04	1.42E-05	-2.48E-04	1.19E-04	-1.12E-04				
40	506.17	-5.85E-03	9.24E-01	-1.24E-01	5.70E+00	3.37E-01	-5.81E+00	6.18E+00	-5.26E+00	47.33	-5.85E-03	5.70E+00	
	-128.00	-4.30E-06	1.68E-05	-6.98E-06	2.59E-04	1.53E-05	-2.64E-04	1.36E-04	-1.24E-04				
41	558.50	-1.68E+00	6.05E-01	-5.32E-01	2.44E+00	1.35E+00	-3.46E+00	2.16E+00	-3.23E+00	57.53	6.05E-01	-2.44E+00	
	-148.00	-2.97E-05	2.22E-05	-3.69E-06	1.11E-04	6.12E-05	-1.57E-04	5.75E-05	-6.50E-05				
42	610.83	2.77E-01	1.03E+00	1.98E-01	4.92E+00	9.60E-01	-4.55E+00	5.59E+00	-4.29E+00	47.17	5.50E+00	-9.32E-01	
	-128.00	-1.56E-06	1.54E-05	-3.38E-06	2.24E-04	4.37E-05	-2.07E-04	1.19E-04	-1.05E-04				
43	501.38	-4.88E-01	-1.29E-01	-6.06E-01	1.30E+00	4.67E-01	-1.66E+00	1.00E+00	-1.62E+00	48.94	-4.88E-01	1.30E+00	
	-78.00	-5.32E-06	8.48E-06	-9.88E-06	9.98E-05	3.59E-05	-1.27E-04	5.20E-05	-4.88E-05				
44	534.67	7.72E-01	7.96E-01	3.90E-01	4.10E+00	2.75E-01	-5.07E+00	4.88E+00	-3.32E+00	45.08	4.82E+00	-7.00E-01	
	-68.00	8.18E-06	9.10E-06	-6.52E-06	3.15E-04	2.12E-05	-3.90E-04	1.66E-04	-1.49E-04				
45	584.67	-7.70E-01	-3.45E-01	-6.64E-01	3.95E+00	9.81E-01	-3.66E+00	3.40E+00	-4.51E+00	46.54	-7.70E-01	3.95E+00	
	-48.00	-1.01E-05	6.24E-06	-5.96E-06	3.04E-04	7.58E-05	-2.81E-04	1.50E-04	-1.54E-04				
46	610.83	-4.00E+00	-1.00E+00	-2.03E+00	2.12E+00	1.90E+00	-2.91E+00	9.67E-02	-5.10E+00	62.65	-1.00E+00	-2.12E+00	
	-88.00	-7.67E-05	3.88E-05	-7.31E-07	1.63E-04	1.46E-04	-2.24E-04	8.10E-05	-1.19E-04				
47	482.63	-2.09E-01	1.15E-01	-6.29E-01	9.48E-01	4.97E-01	-1.89E+00	9.14E-01	-1.01E+00	49.85	-2.09E-01	9.48E-01	
	-21.00	-8.76E-08	1.24E-05	-1.63E-05	7.29E-05	3.82E-05	-1.45E-04	4.31E-05	-3.06E-05				
48	485.83	1.13E+00	1.71E+00	6.84E-01	2.77E+00	6.90E-02	-5.80E+00	4.21E+00	-1.36E+00	48.01	1.49E+00	2.78E+00	
	-12.00	4.70E-06	2.71E-05	-1.25E-05	2.13E-04	5.30E-06	-4.46E-04	1.23E-04	-9.12E-05				
49	507.88	-6.93E-02	-1.62E-01	-6.21E-01	1.04E+00	2.85E-01	-2.06E+00	9.21E-01	-1.15E+00	43.72	-6.93E-02	1.04E+00	
	-21.00	6.69E-06	3.15E-06	-1.45E-05	7.96E-05	2.19E-05	-1.58E-04	4.48E-05	-3.49E-05				
50	538.67	7.30E-01	3.91E-01	1.50E-01	3.67E+00	1.32E+00	-4.45E+00	4.23E+00	-3.11E+00	43.68	4.20E+00	-5.23E-01	
	-10.00	1.41E-05	1.09E-06	-8.20E-06	2.82E-04	1.01E-04	-3.42E-04	1.49E-04	-1.34E-04				
51	484.67	-1.21E+01	-8.42E+00	-8.93E+00	-2.68E-01	9.19E-01	-6.20E-01	-8.40E+00	-1.22E+01	-85.89	-8.42E+00	2.68E-01	
	8.00	-1.43E-04	1.90E-07	-1.96E-05	-2.06E-05	7.07E-05	-4.77E-05	9.30E-07	-1.43E-04				
52	507.00	3.01E+00	3.64E+00	2.09E+00	2.03E+00	6.01E-01	1.64E+00	5.38E+00	1.27E+00	49.41	4.93E+00	1.27E+00	
	0.00	1.97E-05	4.39E-05	-1.56E-05	1.56E-04	4.63E-05	1.26E-04	1.11E-04	-4.70E-05				
53	603.00	5.96E-02	-5.93E-02	-7.91E-02	1.55E+00	6.42E-01	-1.46E+00	1.55E+00	-1.55E+00	43.90	-9.21E-01	1.25E+00	
	-18.00	3.16E-06	-1.41E-06	-2.18E-06	1.19E-04	4.94E-05	-1.13E-04	6.06E-05	-5.88E-05				
54	712.00	-2.22E-01	1.86E-01	-1.90E-02	2.41E+00	2.00E-01	-2.37E+00	2.40E+00	-2.44E+00	47.42	-2.22E-01	2.41E+00	
	-303.00	-9.37E-06	9.17E-06	-1.51E-07	2.19E-04	1.82E-05	-2.15E-04	1.10E-04	-1.10E-04				
55	712.00	-1.34E+00	-7.35E-01	-7.91E-01	2.65E+00	6.37E-01	-2.33E+00	1.63E+00	-3.70E+00	48.25	-1.34E+00	2.65E+00	
	-213.00	-2.36E-05	3.79E-06	1.23E-06	2.41E-04	5.79E-05	-2.11E-04	1.11E-04	-1.31E-04				
56	712.00	-1.69E+00	-8.92E-01	-5.86E-01	2.02E+00	1.47E+00	-1.81E+00	7.65E-01	-3.35E+00	50.62	-1.69E+00	2.02E+00	
	-138.00	-2.19E-05	-3.63E-06	3.32E-06	9.18E-05	6.68E-05	-8.24E-05	3.40E-05	-5.95E-05				
57	712.00	-4.71E-01	-2.58E-02	-5.88E-02	1.27E+00	5.98E-01	-1.38E+00	1.04E+00	-1.54E+00	49.98	-4.71E-01	1.27E+00	
	-78.00	-1.20E-05	5.12E-06	3.85E-06	9.76E-05	4.60E-05	-1.07E-04	4.61E-05	-5.30E-05				
58	712.00	-6.09E-01	-4.34E-01	-2.58E-01	1.72E+00	5.28E-01	-1.69E+00	1.20E+00	-2.24E+00	46.46	-6.09E-01	1.72E+00	
	-18.00	-9.13E-06	-2.39E-06	4.37E-06	1.32E-04	4.06E-05	-1.30E-04	6.03E-05	-7.18E-05				
59	837.00	-6.86E+00	-3.81E+00	-4.27E+00	2.02E+00	1.22E+00	-2.03E+00	-2.80E+00	-7.87E+00	63.51	-3.81E+00	-2.02E+00	
	-318.00	-1.18E-04	2.08E-05	.00E+00	1.84E-04	1.11E-04	-1.84E-04	6.67E-05	-1.64E-04				
60	887.00	-9.77E-01	-1.08E-01	-4.34E-01	5.42E+00	4.57E-01	-4.56E+00	4.89E+00	-5.98E+00	47.29	4.44E+00	-2.17E+00	
	-288.00	-2.47E-05	1.48E-05	.00E+00	4.93E-04	4.15E-05	-4.15E-04	2.42E-04	-2.52E-04				
61	987.00	1.21E+00	7.93E-01	8.00E-01	5.42E+00	-2.70E-01	-4.25E+00	6.52E+00	-4.52E+00	43.93	1.21E+00	5.52E+00	
	-288.00	1.85E-05	-3.29E-07	.00E+00	5.02E-04	-2.45E-05	-3.86E-04	2.60E-04	-2.42E-04				
62	1037.00	-6.87E+00	-4.16E+00	-4.41E+00	4.06E+00	1.03E+00	-3.43E+00	-1.24E+00	-9.79E+00	54.22	-4.16E+00	-4.06E+00	
	-318.00	-1.12E-04	1.13E-05	.00E+00	3.69E-04	9.36E-05	-3.12E-04	1.44E-04	-2.45E-04				
63	962.00	-1.66E-01	-1.09E-01	4.77E-02	2.74E+00	1.23E-01	-2.36E+00	2.60E+00	-2.88E+00	45.30	-1.66E-01	2.74E+00	
	-213.00	-4.60E-06	-2.00E-06	5.13E-06	2.40E-04	1.12E-05	-2.14E-04	1.21E-04	-1.28E-04				
64	1012.00	3.49E-01	2.02E-01	3.85E-01	2.96E+00	-8.43E-02	-2.40E+00	3.24E+00	-2.69E+00	44.29	3.49E-01	2.96E+00	
	-213.00	3.71E-06	-2.98E-06	5.34E-06	2.69E-04	-7.66E-06	-2.19E-04	1.35E-04	-1.34E-04				
65	837.00	1.04E-01	-2.37E-01	4.65E-01	2.07E+00	2.09E-01	-2.45E+00	2.06E+00	-2.11E+00	42.04	-2.37E-01	-2.07E+00	
	-148.00	2.19E-06	-7.59E-06	8.35E-06	9.43E-05	9.50E-06	-1.11E-04	4.47E-05	-5.01E-05				
66	937.00	[illegible]3E-01	-1.53E-01	2.90E-01	3.67E+00	2.27E-01	-2[illegible]+00	3.44E+00	-3.90E+00	45.59	2.36E+00	-2.61E+00	
	-128.00	[illegible]2E-06	-2.60E-06	7.46E-06	1.67E-04	1.03E-05	1[illegible]04	7.91E-05	-8.78E-05				
67	1037.	[illegible]3E+00	-7.78E-01	-7.73E-01	3.51E+00	1.14E+00	[illegible]00	1.68E+00	-5.79E+00	54.97	-7.78E-01	-3.5	

	-148.	[illegible]00E-05	7.52E-06	8.01E-06	1.60E-04	5.16E-05	[illegible]-04	6.38E-05	-1.06E-04				
68	837.00	[illegible]05E+00	-1.03E+00	-5.70E-01	4.00E+00	1.27E-01	[illegible]+00	2.96E+00	-5.03E+00	45.08	-1.05E+00	4.00E[illegible]	
	-68.00	-1.12E-05	-1.04E-05	7.12E-06	3.07E-04	4.06E-05	[illegible]-04	1.43E-04	-1.65E-04				
69	937.00	-1.24E+00	1.50E-01	-6.69E-02	2.10E+00	5.78E-01	-1.85E+00	1.67E+00	-2.76E+00	54.14	1.50E-01	-2.10E+00	
	-88.00	-3.49E-05	1.65E-05	1.01E-05	1.62E-04	4.45E-05	-1.42E-04	7.69E-05	-9.34E-05				
70	1037.00	-2.37E-01	2.01E-01	3.19E-01	3.59E+00	-1.13E-01	-3.67E+00	3.56E+00	-3.61E+00	46.75	2.61E+00	-2.45E+00	
	-68.00	-1.22E-05	4.62E-06	9.15E-06	2.76E-04	-8.71E-06	-2.83E-04	1.34E-04	-1.42E-04				
71	862.00	-8.28E-01	-5.49E-01	-2.04E-01	1.68E+00	4.82E-01	-1.60E+00	5.99E-01	-2.38E+00	47.37	-8.28E-01	1.68E+00	
	-18.00	-1.45E-05	-3.74E-06	9.52E-06	1.29E-04	3.70E-05	-1.23E-04	5.56E-05	-7.40E-05				
72	1012.00	2.23E-01	3.24E-01	6.06E-01	1.82E+00	-7.37E-02	-1.49E+00	2.10E+00	-1.54E+00	45.87	2.23E-01	1.82E+00	
	-18.00	-4.20E-06	4.88E-08	1.05E-05	1.40E-04	-5.67E-06	-1.14E-04	6.90E-05	-7.22E-05				
73	1387.00	3.63E-01	3.72E-01	3.49E-01	2.22E+00	-5.46E-03	-1.62E+00	2.59E+00	-1.85E+00	45.06	3.63E-01	2.22E+00	
	-303.00	2.42E-06	2.84E-06	1.78E-06	2.07E-04	-4.58E-07	-1.48E-04	1.04E-04	-9.83E-05				
74	1387.00	3.36E-02	-8.54E-02	1.56E-01	2.34E+00	2.55E-02	-1.59E+00	2.31E+00	-2.36E+00	44.27	3.36E-02	2.34E+00	
	-213.00	1.66E-07	-5.24E-06	5.75E-06	2.13E-04	2.32E-06	-1.45E-04	1.04E-04	-1.09E-04				
75	1387.00	-1.86E-02	1.28E-01	5.22E-01	1.72E+00	1.11E-01	-1.09E+00	1.78E+00	-1.67E+00	46.22	-1.86E-02	1.72E+00	
	-138.00	-3.73E-06	-4.02E-07	8.55E-06	7.81E-05	5.04E-06	-4.95E-05	3.70E-05	-4.12E-05				
76	1187.00	-5.45E-01	-4.02E-01	-8.76E-02	2.67E+00	3.59E-01	-1.35E+00	2.20E+00	-3.14E+00	45.77	-5.45E-01	2.67E+00	
	-68.00	-9.59E-06	-4.09E-06	8.00E-06	2.05E-04	2.76E-05	-1.04E-04	9.59E-05	-1.10E-04				
77	1387.00	-7.20E-01	-5.68E-01	-9.82E-02	1.30E+00	2.72E-01	-1.01E+00	6.62E-01	-1.95E+00	46.67	-5.68E-01	-1.30E+00	
	-88.00	-1.25E-05	-6.61E-06	1.14E-05	1.00E-04	2.09E-05	-7.80E-05	4.07E-05	-5.98E-05				
78	1587.00	-2.43E-01	-1.79E-01	1.95E-01	1.68E+00	-2.05E-03	-7.47E-01	1.46E+00	-1.85E+00	45.54	4.63E-01	-1.53E+00	
	-68.00	-6.85E-06	-4.41E-06	1.00E-05	1.29E-04	-1.58E-07	-5.75E-05	5.88E-05	-7.01E-05				
79	1237.00	-9.68E-01	-3.98E-01	-1.37E-01	1.42E+00	4.01E-01	-9.19E-01	7.63E-01	-2.13E+00	50.68	-9.68E-01	1.42E+00	
	-18.00	-2.07E-05	1.20E-06	1.13E-05	1.09E-04	3.08E-05	-7.07E-05	4.59E-05	-6.54E-05				
80	1433.80	-5.90E-01	-1.77E-01	1.17E-01	1.66E+00	1.94E-01	-6.92E-01	1.29E+00	-2.05E+00	48.55	-5.90E-01	1.66E+00	
	-8.00	-1.55E-05	3.44E-07	1.16E-05	1.27E-04	1.50E-05	-5.32E-05	5.66E-05	-7.18E-05				
81	1533.80	-9.77E-01	-2.14E-01	-5.91E-02	9.54E-01	1.73E-01	-4.47E-01	4.32E-01	-1.62E+00	55.90	-2.14E-01	-9.54E-01	
	-28.00	-2.38E-05	5.51E-06	1.15E-05	7.34E-05	1.33E-05	-3.44E-05	3.04E-05	-4.87E-05				
82	1633.80	-1.06E+00	-3.63E-01	-1.75E-01	3.67E-01	2.49E-02	-1.19E-01	-2.05E-01	-1.21E+00	66.68	-2.07E-01	-4.77E-02	
	-8.00	-2.31E-05	3.56E-06	1.08E-05	2.82E-05	1.92E-06	-9.16E-06	9.64E-06	-2.92E-05				
83	1433.80	-4.00E+00	-1.74E+00	-1.81E+00	1.07E+00	1.03E+00	-4.99E-01	-1.31E+00	-4.43E+00	68.26	-1.74E+00	-1.07E+00	
	27.60	-7.09E-05	1.62E-05	1.33E-05	8.26E-05	7.92E-05	-3.84E-05	3.26E-05	-8.74E-05				
84	1296.10	-1.42E+00	-1.97E-01	-1.66E-01	1.14E+00	4.78E-01	-5.81E-01	4.86E-01	-2.11E+00	59.11	-8.98E-01	-1.29E+00	
	40.70	-3.51E-05	1.20E-05	1.33E-05	8.79E-05	3.68E-05	-4.47E-05	3.83E-05	-6.14E-05				
85	1148.60	-6.39E-01	2.99E-01	2.61E-01	1.56E+00	5.51E-01	-5.23E-01	1.46E+00	-1.80E+00	53.36	1.21E+00	8.72E-01	
	57.33	-2.37E-05	1.24E-05	1.09E-05	1.20E-04	4.24E-05	-4.02E-05	5.70E-05	-6.83E-05				
86	1131.40	-5.06E+00	-2.48E+00	-2.39E+00	5.83E-01	1.88E+00	-9.18E-02	-2.36E+00	-5.18E+00	77.81	-2.48E+00	-5.83E-01	
	112.00	-8.54E-05	1.36E-05	1.72E-05	4.49E-05	1.45E-04	-7.07E-06	1.85E-05	-9.02E-05				
87	1019.80	-1.46E+00	-6.81E-01	-4.08E-01	1.62E+00	6.84E-01	-2.28E+00	5.95E-01	-2.73E+00	51.73	-6.81E-01	-1.62E+00	
	34.67	-2.80E-05	1.77E-06	1.23E-05	1.25E-04	5.26E-05	-1.75E-04	5.09E-05	-7.71E-05				
88	886.60	-7.35E-01	-3.17E-01	-5.83E-02	1.34E+00	3.41E-01	-1.44E+00	8.31E-01	-1.88E+00	49.43	-7.35E-01	1.34E+00	
	46.00	-1.61E-05	5.82E-09	9.96E-06	1.03E-04	2.62E-05	-1.11E-04	4.42E-05	-6.02E-05				
89	869.80	-3.23E+00	-1.43E+00	-1.40E+00	7.55E-01	1.08E+00	-5.48E-01	-1.15E+00	-3.50E+00	70.00	-1.43E+00	-7.55E-01	
	96.00	-5.75E-05	1.17E-05	1.26E-05	5.81E-05	8.29E-05	-4.37E-05	2.22E-05	-6.81E-05				
90	952.60	-5.98E-01	1.53E+00	7.91E-01	1.96E+00	5.82E-01	-1.43E+00	2.69E+00	-1.76E+00	59.27	2.18E+00	-1.42E+00	
	128.00	-4.20E-05	3.69E-05	1.15E-05	1.51E-04	4.48E-05	-1.10E-04	8.47E-05	-8.67E-05				
91	869.80	-9.34E-01	-9.76E-02	-5.39E-02	9.17E-01	5.87E-01	-3.76E-01	4.92E-01	-1.52E+00	57.26	-9.34E-01	9.17E-01	
	160.00	-2.40E-05	8.18E-06	9.85E-06	7.05E-05	4.52E-05	-2.89E-05	3.08E-05	-4.67E-05				
92	869.80	-4.60E+00	-1.57E+00	-1.87E+00	5.18E-01	2.11E+00	-5.61E-01	-1.49E+00	-4.69E+00	80.55	-1.57E+00	-5.18E-01	
	203.60	-8.86E-05	2.78E-05	1.65E-05	3.99E-05	1.62E-04	-4.31E-05	3.12E-05	-9.19E-05				
93	598.67	2.83E-01	-1.01E-01	1.09E-01	2.68E+00	1.44E+00	-3.03E+00	2.78E+00	-2.60E+00	42.95	-1.01E-01	-2.68E+00	
	16.00	7.69E-06	-7.09E-06	1.00E-06	2.06E-04	1.11E-04	-2.33E-04	1.04E-04	-1.03E-04				
94	645.75	-4.44E-01	-3.17E-01	-2.38E-01	1.72E+00	5.92E-01	-1.49E+00	1.34E+00	-2.10E+00	46.06	-4.44E-01	1.72E+00	
	24.00	-6.11E-06	-1.20E-06	1.82E-06	1.32E-04	4.55E-05	-1.14E-04	6.25E-05	-6.98E-05				
95	613.10	-5.05E-01	-8.35E-01	-5.73E-01	2.98E+00	5.49E-01	-5.43E-01	2.31E+00	-3.65E+00	43.41	-5.05E-01	2.98E+00	
	69.33	1.61E-06	-1.11E-05	-1.04E-06	2.29E-04	4.22E-05	-4.18E-05	1.10E-04	-1.19E-04				
96	708.45	-8.47E-01	-2.33E-01	-2.07E-01	1.38E+00	6.05E-01	-1.18E+00	8.69E-01	-1.95E+00	51.29	-1.08E+00	-1.30E+00	
	55.00	-1.84E-05	5.18E-06	6.18E-06	1.06E-04	4.66E-05	-9.09E-05	4.76E-05	-6.08E-05				
97	613.10	-2.33E+00	-1.05E+00	-1.09E+00	9.74E-01	1.83E+00	-7.04E-01	-5.24E-01	-2.85E+00	61.62	-1.05E+00	-9.74E-01	
	96.00	-4.04E-05	8.74E-06	7.06E-06	7.49E-05	1.41E-04	-5.42E-05	2.90E-05	-6.06E-05				
98	682.27	-8.78E-01	-3.05E-01	-2.42E-01	1.95E+00	5.58E-01	-1.30E+00	1.37E+00	-2.56E+00	49.19	1.10E+00	-1.00E+00	
	112.00	-1.81E-05	3.92E-06	6.35E-06	1.50E-04	4.25E-05	-9.97E-05	6.85E-05	-8.27E-05				
99	751.43	-3.01E+00	4.45E-01	-6.45E-01	2.08E+00	1.52E+00	-2.70E+00	1.42E+00	-3.98E+00	64.85	4.45E-01	-2.08E+00	

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	96.00	-8.02E-05	5.26E-05	2.56E-06	1.60E-04	1.17E-04	-2.06E-04	9.01E-05	-1.16E-04				
100	682.25	-7.00E-01	-2.27E-01	-1.23E-01	7.02E-01	4.26E-01	-8.98E-01	2.50E-01	-1.26E+00	55.76	-7.80E-01	7.02E-01	
	152.00	-1.76E-05	3.69E-06	7.65E-06	5.40E-05	3.28E-05	-6.91E-05	2.21E-05	-3.60E-05				
101	648.67	-3.97E+00	-1.89E+00	-1.97E+00	4.74E-01	1.24E+00	-6.05E-01	-1.79E+00	-4.07E+00	77.73	-1.89E+00	-4.74E-01	
	192.00	-6.66E-05	1.22E-05	1.03E-05	3.64E-05	9.52E-05	-4.65E-05	1.72E-05	-7.05E-05				
102	725.25	-6.42E-01	3.11E-01	1.93E-01	7.27E-01	3.21E-01	-6.42E-01	7.04E-01	-1.04E+00	61.62	-1.45E-01	-8.69E-01	
	232.70	-2.32E-05	1.35E-05	8.03E-06	5.59E-05	2.47E-05	-4.94E-05	2.86E-05	-3.83E-05				
103	635.50	-5.66E-01	-6.15E-01	-2.05E-01	4.12E-02	2.44E-01	1.09E-01	-5.43E-01	-6.35E-01	29.62	-5.66E-01	4.12E-02	
	256.00	-6.55E-06	-8.43E-06	7.36E-06	3.17E-06	1.87E-05	8.34E-06	-5.64E-06	-9.33E-06				
104	635.50	-1.49E+00	-1.01E+00	-5.87E-01	-1.79E-02	8.65E-01	-5.45E-02	-1.01E+00	-1.50E+00	-87.90	-1.01E+00	1.79E-02	
	290.67	-2.35E-05	-4.79E-06	1.14E-05	-1.37E-06	6.68E-05	-4.19E-06	-4.77E-06	-2.36E-05				
105	568.00	3.89E-01	-1.03E-01	-4.54E-02	2.79E+00	8.54E-01	-2.58E+00	2.05E+00	-2.66E+00	42.48	3.89E-01	2.79E+00	
	16.50	1.23E-05	-6.61E-06	-4.39E-06	2.15E-04	6.57E-05	-1.99E-04	1.11E-04	-1.05E-04				
106	508.50	5.61E+00	3.71E+00	3.48E+00	2.01E+00	2.02E+00	-7.85E-01	6.89E+00	2.44E+00	32.35	3.71E+00	-2.01E+00	
	13.00	7.52E-05	2.06E-06	-6.87E-06	1.55E-04	1.55E-04	-6.04E-05	1.24E-04	-4.65E-05				
107	521.00	1.50E+00	6.96E-01	4.63E-01	2.73E+00	7.20E-01	-1.45E+00	3.86E+00	-1.66E+00	40.79	1.50E+00	2.73E+00	
	15.75	2.86E-05	-2.54E-06	-1.14E-05	2.10E-04	5.54E-05	-1.12E-04	1.19E-04	-9.33E-05				
108	526.25	1.28E+00	5.68E-01	3.93E-01	3.02E+00	6.04E-01	-1.50E+00	3.97E+00	-2.11E+00	41.62	1.28E+00	3.02E+00	
	21.00	2.47E-05	-2.82E-06	-9.54E-06	2.32E-04	4.65E-05	-1.15E-04	1.28E-04	-1.06E-04				
109	515.50	3.49E+00	2.31E+00	2.20E+00	3.72E+00	1.38E+00	-7.96E-01	6.66E+00	-8.65E-01	40.47	2.31E+00	-3.72E+00	
	26.00	4.64E-05	8.12E-07	-3.26E-06	2.86E-04	1.06E-04	-6.12E-05	1.68E-04	-1.21E-04				
110	531.50	4.66E-01	2.79E-01	9.23E-02	2.46E+00	4.18E-01	-1.28E+00	2.83E+00	-2.05E+00	43.91	4.66E-01	2.46E+00	
	34.50	8.73E-06	1.51E-06	-5.65E-06	1.89E-04	3.22E-05	-9.83E-05	9.97E-05	-8.94E-05				
111	515.50	-1.77E+00	-2.78E+00	-2.12E+00	7.22E+00	3.20E-01	-1.97E-01	4.96E+00	-9.51E+00	43.00	-1.77E+00	7.22E+00	
	44.00	5.15E-06	-3.36E-05	-8.19E-06	5.55E-04	2.46E-05	-1.51E-05	2.64E-04	-2.93E-04				
112	515.50	-6.86E-01	-4.06E-01	-4.82E-01	1.67E+00	7.53E-01	-6.41E-01	1.13E+00	-2.22E+00	47.40	-4.06E-01	-1.67E+00	
	53.33	-9.09E-06	1.67E-06	-1.23E-06	1.28E-04	5.80E-05	-4.93E-05	6.06E-05	-6.81E-05				
113	547.50	-1.12E+00	2.41E-01	-3.93E-01	2.62E+00	4.81E-01	-2.44E+00	2.26E+00	-3.14E+00	52.29	1.05E+00	-2.25E+00	
	64.00	-2.91E-05	2.33E-05	-1.16E-06	2.01E-04	3.70E-05	-1.88E-04	1.01E-04	-1.07E-04				
114	515.50	-2.21E+00	-2.56E+00	-1.98E+00	3.02E+00	1.89E-01	-7.93E-01	6.38E-01	-5.41E+00	43.34	-2.21E+00	3.02E+00	
	74.67	-1.08E-05	-2.42E-05	-2.07E-06	2.32E-04	1.46E-05	-6.10E-05	9.87E-05	-1.34E-04				
115	515.50	-4.36E+00	-2.74E+00	-2.84E+00	1.08E+00	6.23E-01	-6.01E-01	-2.20E+00	-4.90E+00	63.46	-2.74E+00	-1.08E+00	
	88.00	-5.85E-05	3.88E-06	3.85E-08	8.31E-05	4.79E-05	-4.62E-05	2.46E-05	-7.93E-05				
116	547.50	-2.60E+00	-2.99E-01	-1.16E+00	3.28E+00	4.47E-01	-1.99E+00	2.02E+00	-4.92E+00	54.67	1.11E+00	-2.35E+00	
	104.00	-5.54E-05	3.31E-05	3.62E-08	2.52E-04	3.44E-05	-1.53E-04	1.22E-04	-1.45E-04				
117	515.50	-9.02E-01	-9.20E-01	-6.33E-01	2.39E+00	4.70E-02	-1.15E+00	1.48E+00	-3.30E+00	44.89	-9.02E-01	2.39E+00	
	120.00	-7.71E-06	-9.42E-06	2.64E-06	1.84E-04	3.61E-06	-8.85E-05	8.38E-05	-1.00E-04				
118	515.50	-3.10E+00	-1.88E+00	-1.84E+00	9.23E-01	3.01E-01	-5.07E-01	-1.39E+00	-3.59E+00	61.66	-1.88E+00	-9.23E-01	
	136.00	-4.41E-05	2.53E-06	4.10E-06	7.10E-05	2.31E-05	-3.90E-05	2.17E-05	-6.33E-05				
119	547.50	-2.22E+00	-6.34E-01	-1.00E+00	2.23E+00	2.37E-01	-1.19E+00	9.37E-01	-3.79E+00	54.80	3.21E-01	-1.59E+00	
	152.00	-4.30E-05	1.80E-05	3.96E-06	1.71E-04	1.62E-05	-9.13E-05	7.84E-05	-1.03E-04				
120	515.50	-1.05E+00	-8.64E-01	-5.21E-01	1.62E+00	7.75E-03	-7.65E-01	6.64E-01	-2.58E+00	46.63	-1.05E+00	1.62E+00	
	168.00	-1.36E-05	-6.50E-06	6.70E-06	1.24E-04	5.96E-07	-5.88E-05	5.23E-05	-7.24E-05				
121	515.50	-3.97E+00	-2.43E+00	-2.30E+00	7.25E-01	2.69E-01	-3.81E-01	-2.14E+00	-4.26E+00	68.37	-2.43E+00	-7.25E-01	
	184.00	-8.71E-05	2.19E-06	7.08E-06	5.58E-05	2.07E-05	-2.93E-05	1.32E-05	-6.82E-05				
122	547.50	-1.41E+00	6.39E-01	-6.45E-02	2.43E+00	1.71E-01	-1.58E+00	2.25E+00	-3.02E+00	56.41	1.66E+00	-1.66E+00	
	200.00	-4.50E-05	3.37E-05	6.67E-06	1.87E-04	1.31E-05	-1.22E-04	9.58E-05	-1.07E-04				
123	515.50	5.33E-01	6.25E-01	9.55E-01	1.16E+00	-2.01E-01	-9.79E-01	1.91E+00	-4.47E-01	49.79	5.33E-01	1.16E+00	
	216.00	-6.00E-06	9.06E-06	1.02E-05	8.92E-05	-1.54E-05	-7.53E-05	4.68E-05	-4.37E-05				
124	515.50	-1.17E+00	-6.19E-01	-3.86E-01	2.94E-01	-2.82E-01	-2.51E-01	-4.92E-01	-1.30E+00	66.66	-6.19E-01	-2.94E-01	
	232.00	-2.12E-05	1.32E-07	9.07E-06	2.26E-05	-2.17E-05	-1.93E-05	5.00E-06	-2.60E-05				
125	547.50	-6.69E-01	-3.33E-01	-9.00E-02	5.71E-01	-1.52E-01	-7.00E-01	9.40E-02	-1.10E+00	53.21	-8.40E-02	-4.25E-01	
	248.00	-1.37E-05	-8.02E-07	8.54E-06	4.39E-05	-1.17E-05	-5.38E-05	1.56E-05	-3.02E-05				
126	515.50	9.27E-01	1.39E+00	1.33E+00	-9.02E-02	-3.27E-01	-9.69E-01	1.41E+00	9.10E-01	-79.35	9.27E-01	-9.02E-02	
	264.00	-4.45E-06	1.33E-05	1.12E-05	-6.93E-06	-2.52E-05	-7.45E-05	1.40E-05	-5.10E-06				
127	515.50	-6.15E-01	-3.20E-01	-9.65E-02	1.07E-01	-6.40E-01	-1.41E-01	-2.85E-01	-6.50E-01	71.97	-3.20E-01	-1.07E-01	
	276.00	-1.23E-05	-9.81E-07	7.63E-06	8.25E-06	-4.92E-05	-1.08E-05	3.62E-07	-1.37E-05				
128	531.50	4.29E-01	2.90E-01	6.18E-01	6.54E-02	-2.91E-01	-6.44E-02	4.55E-01	2.64E-01	21.60	4.29E-01	6.54E-02	
	297.00	1.81E-05	-3.54E-06	9.07E-06	5.03E-06	-2.24E-05	-6.49E-06	2.81E-06	-4.54E-06				
129	515.50	1.94E+00	1.70E+00	1.82E+00	-3.67E-01	-3.15E-01	-6.58E-01	2.21E+00	1.44E+00	-35.81	1.94E+00	-3.67E-01	
	320.00	1.47E-05	5.31E-06	1.01E-05	-2.82E-05	-2.42E-05	-5.06E-05	2.48E-05	-4.86E-06				
183	565.50	1.03E-01	-1.30E-01	-2.95E-01	4.19E+00	1.12E+00	-3.33E+00	4.18E+00	-4.21E+00	44.20	1.03E-01	4.19E+00	
	-8.00	[illegible]50E-06	-1.46E-06	-7.81E-06	3.23E-04	8.62E-05	-2[illegible]-04	1.64E-04	-1.58E-04				

EARTHQUAKE S OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 A TIME = .0200E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.4861E+02	-.3036E+03	.1775E+02	.4539E+02	.1054E+03	-.7150E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.5543E+01	.2581E+01	.1156E+01	.4086E+02	-.2828E+02	-.3669E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.5008E+01	-.8027E+00	.4950E+00	.6599E+02	-.6285E+02	-.6698E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.7046E+01	.1618E+01	.9096E-01	.9237E+02	-.9854E+02	-.9791E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7584E+01	-.1083E+01	.9606E-01	.1188E+03	-.1338E+03	-.1316E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1082E+01	-.8281E+00	.4648E+00	.1582E+03	-.1699E+03	-.1719E+03
25	.1857E+02	.3006E+01	.9179E-01	.1968E+03	-.1873E+03	-.2110E+03
26	-.5763E+01	-.3902E+00	-.4492E-01	.2135E+03	-.1980E+03	-.2396E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.9604E+02	-.1858E+02	.3153E+01	.2191E+03	-.2733E+03	-.2628E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1606E+04	.2799E+03	-.1176E+02	.3063E+03	-.7318E+03	-.4140E+03
40	.1132E+04	.1788E+03	.1814E+01	.2888E+03	-.7223E+03	-.3800E+03
41	.7560E+03	.1023E+03	.1387E+02	.2505E+03	-.6548E+03	-.3303E+03
42	.1838E+03	.1399E+02	.1351E+02	.2195E+03	-.4651E+03	-.2881E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.1870E+04	-.2459E+03	-.1047E+02	.4946E+02	-.7694E+03	.2074E+03
48	-.1622E+04	-.2129E+03	-.1158E+02	.9981E+02	-.7125E+03	.1491E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.2700E+04	-.4129E+03	-.1270E+02	-.5231E+02	-.5286E+03	.6390E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.7580E+01	.1245E+02	-.8902E+00	.2867E+02	-.7580E+03	.1946E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.1[illegible]5E+04	-.2818E+03	-.1261E+02	-.1453E+02	-.4277E+03	.6024E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1298E+04	-.1992E+03	-.1691E+02	-.1539E+02	-.4026E+03	.5856E+03
66	-.4358E+03	-.6919E+02	-.2123E+02	-.2181E+02	-.3374E+03	.6101E+03
67	.8969E+03	.1322E+03	-.2129E+02	-.1971E+02	-.2706E+03	.6094E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1597E+04	.2375E+03	-.1790E+02	.5227E+02	-.2147E+03	.6010E+03
76	-.1724E+03	-.2732E+02	-.1225E+02	.7465E+02	-.1353E+03	.6063E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.6692E+03	.9980E+02	-.8940E+01	.9086E+02	-.4578E+02	.5863E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.2827E+03	-.4248E+02	-.6398E+01	.1290E+03	.1138E+02	.5698E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.3907E+03	.5935E+02	-.5688E+01	.1015E+03	.9105E+02	.5276E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.2601E+03	-.3781E+02	-.4768E+01	.9063E+02	.1389E+03	.4824E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.2973E+03	.4646E+02	-.4870E+01	.9113E+02	.2059E+03	.4336E+03
109	-.1757E+03	-.2406E+02	-.4170E+01	.9324E+02	.2506E+03	.3754E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2475E+03	.3997E+02	-.4069E+01	.5546E+02	.3010E+03	.3108E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1230E+03	.2155E+02	-.8101E+00	.3138E+02	.3249E+03	.2444E+03
115	.3930E+02	.9163E+01	.1908E+00	.1158E+02	.3275E+03	.1767E+03
116	.9972E+02	.1865E+02	.1098E+01	-.2694E+01	.3445E+03	.1321E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1081E+03	.2011E+02	.2157E+01	.1494E+02	.3551E+03	.1182E+03
119	.7000E+02	.1413E+02	.3111E+01	-.2893E+02	.3246E+03	.6602E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.2034E+03	.2686E+02	.1220E+02	-.278[illegible]	.284[illegible]E+03	.3354E+02
[illegible]	.1711E+03	.1341E+02	.2106E+02	.[illegible]	.2755E+03	.3565E+02

[illegible]	.1302E+03	.8951E+01	.1871E+02	.5[illegible]	.2411E+03	.3223E+02
[illegible]	.9542E+02	.6345E+01	.1291E+02	.4131[illegible]	.1989E+03	.2947E+02
125	.4330E+02	.3216E+01	.9481E+01	.2495E+01	.1648E+03	.2683E+02
126	.2600E+02	-.3412E+01	.8339E+01	.4235E+00	.1392E+03	.2401E+02
127	-.1038E+02	-.9668E+01	.9044E+01	-.9816E+00	.1155E+03	.2039E+02
128	-.4269E+02	-.1307E+02	.8723E+01	-.4334E+01	.7988E+02	.1630E+02
129	-.4369E+02	-.1141E+02	.7438E+01	-.5846E+01	.4595E+02	.1266E+02
130	-.3059E+02	-.7033E+01	.5565E+01	-.6088E+01	.2157E+02	.1007E+02
131	-.8191E+01	-.1288E+01	.3873E+01	-.5290E+01	.8069E+01	.8402E+01
132	.8668E+00	.5812E+00	.2876E+01	-.3520E+01	.8260E+01	.7205E+01
133	.1500E+01	.4946E+00	.2620E+01	-.2438E+01	.9274E+01	.6040E+01
134	.4398E+00	.1466E+00	.2603E+01	-.1865E+01	.7814E+01	.4748E+01
135	.9005E-02	.1264E-01	.2923E+01	-.1423E+01	.5527E+01	.3500E+01
136	-.3181E-02	.1832E-01	.3885E+01	-.9963E+00	.3587E+01	.2337E+01
137	-.6877E-01	-.2264E-01	.6084E+01	-.6965E+00	.1622E+01	.1279E+01
138	.3015E-01	.1291E+00	.9943E+02	-.4688E+00	-.4309E+00	.6425E+00
139	.9460E-01	.1533E+00	-.2746E+02	-.7417E-01	.2321E+00	-.2351E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .930CE+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.16022E-01	-.98481E-04	.16886E-01	.00000E+00
3	-.30953E-01	-.33242E-03	.30860E-01	.00000E+00
4	-.33528E-01	-.32879E-03	.33451E-01	.00000E+00
5	-.36282E-01	-.10491E-04	.36297E-01	.00000E+00
6	-.41256E-01	.51072E-05	.41249E-01	-.77214E-05
7	-.37719E-01	-.65629E-03	.38252E-01	.00000E+00
8	-.41381E-01	-.51011E-03	.41532E-01	-.16518E-05
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.16747E-01	-.18136E-03	.16942E-01	.00000E+00
11	-.31107E-01	-.40133E-03	.31621E-01	.00000E+00
12	-.34754E-01	-.46765E-03	.35362E-01	.00000E+00
13	-.37723E-01	-.37548E-03	.38053E-01	.00000E+00
14	-.41639E-01	-.51916E-03	.42278E-01	-.39307E-05
15	-.38263E-01	-.94491E-03	.40115E-01	.00000E+00
16	-.42022E-01	-.82567E-03	.43502E-01	.15498E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.16941E-01	-.25134E-03	.17742E-01	.00000E+00
19	-.31757E-01	-.50116E-03	.33398E-01	.00000E+00
20	-.35586E-01	-.64406E-03	.37519E-01	.00000E+00
21	-.38684E-01	-.43448E-03	.40469E-01	.00000E+00
22	-.42549E-01	-.54294E-03	.45209E-01	-.11138E-05
23	-.39704E-01	-.13695E-02	.43999E-01	.00000E+00
24	-.43203E-01	-.11992E-02	.47445E-01	-.13987E-04
25	-.42656E-01	-.15447E-02	.48879E-01	-.30030E-07
26	-.43921E-01	-.14645E-02	.49725E-01	.51385E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.17027E-01	-.48013E-03	.18518E-01	.00000E+00
29	-.32577E-01	-.94454E-03	.35318E-01	.00000E+00
30	-.36448E-01	-.11045E-02	.40132E-01	.00000E+00
31	-.40121E-01	-.13722E-02	.44778E-01	.00000E+00
32	-.44201E-01	-.16561E-02	.50661E-01	-.37914E-04
33	-.40033E-01	-.20407E-02	.44868E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.16931E-01	-.71636E-03	.18617E-01	.00000E+00
36	-.32875E-01	-.11707E-02	.35869E-01	.00000E+00
37	-.36912E-01	-.13181E-02	.40096E-01	.00000E+00
38	-.41267E-01	-.16744E-02	.46569E-01	.00000E+00
39	-.44714E-01	-.23167E-02	.52270E-01	.25557E-04
40	-.44626E-01	-.24570E-02	.51897E-01	.13663E-05
41	-.44542E-01	-.23746E-02	.51548E-01	-.15243E-04
42	-.44404E-01	-.20119E-02	.51153E-01	-.31107E-04

837

3704

43	-.36642E-01	-.16391E-02	.39731E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.15941E-01	.16372E-03	.17331E-01	.00000E+00
46	-.32922E-01	-.98190E-03	.34920E-01	.00000E+00
47	-.44757E-01	-.21994E-02	.52415E-01	.23291E-04
48	-.44743E-01	-.22108E-02	.52394E-01	.35179E-04
49	-.41224E-01	-.17369E-02	.46198E-01	.00000E+00
50	-.45170E-01	-.22128E-02	.52593E-01	.10199E-03
51	-.41568E-01	-.19037E-02	.45479E-01	.00000E+00
52	-.46747E-01	-.19292E-02	.49849E-01	.00000E+00
53	-.44791E-01	-.19709E-02	.52496E-01	.56849E-05
54	-.36548E-01	-.10024E-02	.37342E-01	.00000E+00
55	-.41050E-01	-.15991E-02	.41370E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.13765E-01	-.14579E-02	.13212E-01	.00000E+00
58	-.29633E-01	-.87472E-03	.25553E-01	.00000E+00
59	-.47703E-01	-.14571E-02	.47761E-01	.00000E+00
60	-.46062E-01	-.18447E-02	.48607E-01	.00000E+00
61	-.45563E-01	-.22182E-02	.52724E-01	.15679E-03
62	-.34805E-01	-.53628E-03	.30869E-01	.00000E+00
63	-.40057E-01	-.45907E-03	.36717E-01	.00000E+00
64	-.47714E-01	-.19066E-02	.50533E-01	.00000E+00
65	-.46094E-01	-.22339E-02	.52847E-01	.19467E-03
66	-.47407E-01	-.22329E-02	.53094E-01	.23633E-03
67	-.48824E-01	-.22379E-02	.53363E-01	.22528E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.10893E-01	.21086E-03	.83522E-02	.00000E+00
70	-.31472E-01	-.13279E-03	.26881E-01	.00000E+00
71	-.46616E-01	-.42722E-03	.42501E-01	.00000E+00
72	-.49024E-01	-.17935E-02	.50748E-01	.00000E+00
73	-.38800E-01	-.24260E-03	.31676E-01	.00000E+00
74	-.52029E-01	-.18304E-02	.52929E-01	.00000E+00
75	-.50029E-01	-.22436E-02	.53600E-01	.17142E-03
76	-.51649E-01	-.22363E-02	.54037E-01	.11985E-03
77	-.44596E-01	.87493E-05	.37560E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.13064E-01	-.39372E-03	.11419E-01	.00000E+00
80	-.30200E-01	.31590E-03	.24720E-01	.00000E+00
81	-.33474E-01	.33757E-03	.27203E-01	.00000E+00
82	-.37380E-01	.49765E-03	.31575E-01	.00000E+00
83	-.52033E-01	-.38774E-03	.47242E-01	.00000E+00
84	-.49232E-01	.12355E-03	.42082E-01	.00000E+00
85	-.53482E-01	-.23202E-02	.54400E-01	.95780E-04
86	-.53931E-01	-.18793E-02	.54276E-01	.00000E+00
87	-.45084E-01	.17149E-03	.36707E-01	.00000E+00
88	-.54069E-01	-.14785E-02	.51395E-01	.00000E+00
89	-.54744E-01	-.23927E-02	.55140E-01	.77145E-04
90	-.35299E-01	.18535E-03	.23939E-01	.00000E+00
91	-.37770E-01	.34256E-03	.25763E-01	.00000E+00
92	-.40433E-01	-.26365E-03	.27217E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.15454E-01	.00000E+00	.10660E-01	.00000E+00
95	-.28261E-01	.00000E+00	.18959E-01	.00000E+00
96	-.32252E-01	.00000E+00	.21445E-01	.00000E+00
97	-.33740E-01	.00000E+00	.21683E-01	.00000E+00
98	-.33265E-01	.00000E+00	.21305E-01	.00000E+00
99	-.36102E-01	-.19309E-03	.22937E-01	.00000E+00
100	-.44018E-01	-.34329E-03	.30486E-01	.00000E+00
101	-.52440E-01	-.92063E-03	.42717E-01	.00000E+00
102	-.56696E-01	-.24594E-02	.55921E-01	.69281E-04
103	-.54601E-01	-.84765E-03	.49050E-01	.00000E+00
104	-.57469E-01	-.22137E-02	.56199E-01	[illegible]000E+00
105	-.58060E-01	-.25238E-02	.56589E-01	[illegible]85E-04
[illegible]	-.57016E-01	-.98457E-03	.52790E-01	[illegible]00E+00

[illegible]	-.59737E-01	-.23303E-02	.57321E-01	[illegible]000E+00
[illegible]	-.59628E-01	-.25761E-02	.57221E-01	[illegible]246E-04
[illegible]	-.60761E-01	-.25155E-02	.57726E-01	[illegible]4485E-04
110	-.60235E-01	-.28227E-02	.55588E-01	.00000E+00
111	-.62222E-01	-.28376E-02	.59040E-01	.00000E+00
112	-.61987E-01	-.26623E-02	.58168E-01	.43403E-04
113	-.61755E-01	-.24227E-02	.56919E-01	.00000E+00
114	-.62472E-01	-.26398E-02	.58458E-01	.16717E-04
115	-.62912E-01	-.26454E-02	.58687E-01	.52611E-05
116	-.62956E-01	-.25155E-02	.58751E-01	-.26127E-05
117	-.62614E-01	-.30003E-02	.59928E-01	.00000E+00
118	-.62889E-01	-.25378E-02	.58782E-01	-.06205E-05
119	-.62636E-01	-.25466E-02	.58792E-01	-.16180E-04
120	-.63107E-01	-.28263E-02	.59892E-01	.00000E+00
121	-.62113E-01	-.25013E-02	.58705E-01	-.29718E-04
122	-.62052E-01	-.22502E-02	.58764E-01	-.36568E-04
123	-.61959E-01	-.20117E-02	.58807E-01	-.41981E-04
124	-.61851E-01	-.17380E-02	.58850E-01	-.48232E-04
125	-.61704E-01	-.14223E-02	.58894E-01	-.55722E-04
126	-.61414E-01	-.80909E-03	.58966E-01	-.64678E-04
127	-.61098E-01	-.14501E-03	.59035E-01	-.66357E-04
128	-.60490E-01	.12219E-02	.59177E-01	-.54922E-04
129	-.60066E-01	.22375E-02	.59305E-01	-.36721E-04
130	-.59815E-01	.29011E-02	.59445E-01	-.15216E-04
131	-.59810E-01	.29435E-02	.59659E-01	.83743E-05
132	-.59995E-01	.23962E-02	.59848E-01	.14581E-04
133	-.60161E-01	.18046E-02	.60015E-01	.11610E-04
134	-.60261E-01	.13762E-02	.60150E-01	.85539E-05
135	-.60325E-01	.10366E-02	.60261E-01	.73741E-05
136	-.60371E-01	.71317E-03	.60341E-01	.74778E-05
137	-.60397E-01	.39925E-03	.60389E-01	.72993E-05
138	-.60416E-01	.61619E-04	.60416E-01	.79190E-05
139	-.60416E-01	.75543E-05	.60416E-01	.75920E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9300E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-1.15E-02	-5.15E-02	2.51E-03	-2.05E+00	-7.78E-03	2.08E+00	2.02E+00	-2.09E+00	-44.72	-1.15E-02	-2.05E+00
	-303.00	2.62E-07	-1.55E-06	9.00E-07	-1.87E-04	-7.07E-07	1.89E-04	9.27E-05	-9.40E-05			
2	72.00	-3.29E-02	-7.47E-02	4.04E-02	-1.74E+00	1.42E-03	1.79E+00	1.69E+00	-1.79E+00	-44.66	-3.29E-02	-1.74E+00
	-213.00	-6.22E-07	-2.52E-06	2.71E-06	-1.58E-04	1.29E-07	1.63E-04	7.76E-05	-8.07E-05			
3	72.00	-2.93E-01	-8.94E-02	9.43E-02	-1.17E+00	1.24E-01	1.28E+00	9.88E-01	-1.37E+00	-47.47	-2.93E-01	-1.17E+00
	-138.00	-5.14E-06	-5.22E-07	3.65E-06	-5.34E-05	5.63E-06	5.81E-05	2.40E-05	-2.96E-05			
4	24.00	-1.46E+00	-8.03E-01	-1.02E+00	-2.22E+00	3.95E-01	2.45E+00	1.11E+00	-3.37E+00	-49.19	-1.46E+00	-2.22E+00
	-68.00	-2.00E-05	5.15E-06	-3.21E-06	-1.71E-04	3.04E-05	1.89E-04	7.88E-05	-9.36E-05			
5	72.00	4.71E-01	2.56E-01	5.98E-01	-9.71E-01	-2.57E-02	1.02E+00	1.34E+00	-6.14E-01	-41.84	2.56E-01	9.71E-01
	-88.00	3.56E-06	-4.72E-06	8.44E-06	-7.47E-05	-1.97E-06	7.87E-05	3.70E-05	-3.82E-05			
6	120.00	2.55E-01	2.55E-01	3.88E-01	-1.88E+00	-1.02E-01	1.84E+00	2.13E+00	-1.62E+00	-45.00	-1.59E+00	3.39E-01
	-68.00	-6.28E-08	-7.15E-08	5.07E-06	-1.44E-04	-7.83E-06	1.42E-04	7.22E-05	-7.23E-05			
7	36.25	-5.25E-01	-2.03E-01	-1.17E-01	-1.07E+00	1.41E-01	1.03E+00	7.20E-01	-1.45E+00	-49.26	-4.88E-01	-1.08E+00
	-19.00	-1.09E-05	1.46E-06	4.78E-06	-8.25E-05	1.08E-05	7.89E-05	3.70E-05	-4.64E-05			
8	108.00	5.85E-02	1.07E-01	2.05E-01	-8.25E-01	-3.76E-04	9.03E-01	9.08E-01	-7.42E-01	-45.84	5.85E-02	-8.25E-01
	-19.00	-1.82E-06	3.02E-08	3.83E-06	-6.34E-05	-2.90E-08	6.95E-05	3.08E-05	-3.26E-05			
9	216.00	-9.94E-02	-1.38E-01	-5.93E-02	-2.06E+00	1.79E-02	2.13E+00	1.94E+00	-2.18E+00	-44.74	-9.94E-02	-2.06E+00
	-303.00	-6.73E-07	-2.40E-06	1.15E-06	-1.87E-04	1.62E-06	1.93E-04	9.22E-05	-9.52E-05			
10	216.00	-1.49E-01	-1.43E-01	-4.73E-03	-1.79E+00	5.83E-02	1.87E+00	1.64E+00	-1.94E+00	-45.05	-1.49E-01	-1.79E+00
	-213.00	-2.03E-06	-2.65E-06	3.65E-06	-1.63E-04	5.30E-06	1.70E-04	7.86E-05	-8.41E-05			
11	216.00	-2.72E-01	-1.20E-01	1.93E-01	-1.39E+00	1.81E-01	1.49E+00	1.20E+00	-1.59E+00	-46.56	-2.72E-01	-1.39E+00
	-138.00	-5.15E-06	-1.69E-06	5.43E-06	-6.33E-05	8.22E-06	6.79E-05	2.83E-05	-3.51E-05			
12	168.00	-6.51E-01	-5.83E-01	-3.62E-01	-2.15E+00	3.25E-01	2.23E+00	1.53E+00	-2.77E+00	-45.45	-6.51E-01	-2.15E+00

	-68.00	-7.50E-06	-4.84E-06	3.62E-06	-1.65E-04	2.50E-05	1.72E-04	7.65E-05	-8.85E-05				
13	216.00	8.23E-01	2.44E-01	6.72E-01	-3.75E-01	3.87E-02	8.82E-01	1.33E+00	-4.61E-01	-38.90	2.44E-01	8.75E-01	
	-88.00	7.04E-06	-7.52E-06	9.95E-06	-6.73E-05	2.98E-06	6.79E-05	3.42E-05	-3.47E-05				
14	264.00	2.70E-02	2.30E-01	3.69E-01	-1.03E+00	-3.12E-02	1.82E+00	1.96E+00	-1.70E+00	-46.59	-1.65E+00	4.30E-01	
	-68.00	-5.85E-06	1.97E-06	7.32E-06	-1.41E-04	-2.40E-06	1.44E-04	6.86E-05	-7.24E-05				
15	180.00	-2.00E-01	-3.60E-02	1.22E-01	-9.39E-01	2.19E-01	9.01E-01	8.23E-01	-1.06E+00	-47.46	-2.00E-01	-9.39E-01	
	-19.00	-6.42E-06	-2.02E-07	5.97E-06	-7.23E-05	1.68E-05	6.93E-05	3.29E-05	-3.96E-05				
16	252.00	-1.08E-01	6.60E-02	2.64E-01	-7.83E-01	8.58E-02	9.46E-01	7.67E-01	-8.06E-01	-48.16	-1.08E-01	-7.83E-01	
	-19.00	-6.59E-06	9.30E-08	7.71E-06	-6.02E-05	6.60E-06	7.28E-05	2.70E-05	-3.35E-05				
17	361.00	-1.28E-01	-2.11E-01	-8.70E-02	-2.08E+00	1.18E-02	2.22E+00	1.91E+00	-2.25E+00	-44.43	-1.28E-01	-2.08E+00	
	-303.00	-2.94E-07	-4.06E-06	1.59E-06	-1.89E-04	1.07E-06	2.02E-04	9.26E-05	-9.69E-05				
18	361.00	-1.78E-01	-1.98E-01	-8.22E-03	-1.88E+00	5.07E-02	2.00E+00	1.69E+00	-2.07E+00	-44.85	-1.78E-01	-1.88E+00	
	-213.00	-3.10E-06	-4.02E-06	4.62E-06	-1.71E-04	4.61E-06	1.82E-04	8.19E-05	-8.91E-05				
19	361.00	-3.02E-01	-1.53E-01	2.59E-01	-1.48E+00	1.89E-01	1.69E+00	1.26E+00	-1.71E+00	-46.44	-3.02E-01	-1.48E+00	
	-138.00	-5.83E-06	-2.45E-06	6.91E-06	-6.74E-05	8.61E-06	7.67E-05	2.96E-05	-3.79E-05				
20	312.00	-1.13E+00	-8.70E-01	-5.76E-01	-2.42E+00	5.57E-01	2.71E+00	1.42E+00	-3.43E+00	-46.56	-1.13E+00	-2.42E+00	
	-68.00	-1.53E-05	-5.11E-06	6.19E-06	-1.86E-04	4.26E-05	2.08E-04	8.31E-05	-1.03E-04				
21	360.67	1.01E+00	5.58E-01	9.96E-01	-1.13E+00	-1.11E-02	1.30E+00	1.94E+00	-3.73E-01	-39.38	5.58E-01	1.13E+00	
	-88.00	1.06E-05	-6.70E-06	1.02E-05	-8.72E-05	-8.53E-07	9.99E-05	4.64E-05	-4.25E-05				
22	409.33	-5.83E-01	-8.12E-01	-2.32E-01	-2.30E+00	2.04E-02	2.89E+00	1.61E+00	-3.00E+00	-43.58	-2.97E+00	3.64E-01	
	-68.00	-4.55E-06	-1.33E-05	8.95E-06	-1.77E-04	1.57E-06	2.22E-04	7.97E-05	-9.76E-05				
23	324.00	-4.04E-01	-7.37E-02	1.71E-01	-9.60E-01	3.91E-01	9.53E-01	7.35E-01	-1.21E+00	-49.88	-4.04E-01	-9.60E-01	
	-19.00	-1.22E-05	5.33E-07	9.96E-06	-7.38E-05	3.01E-05	7.33E-05	3.16E-05	-4.33E-05				
24	372.00	-2.44E-01	1.57E-01	3.78E-01	-2.53E+00	3.71E-01	2.69E+00	2.49E+00	-2.58E+00	-47.27	-2.44E-01	-2.53E+00	
	-8.33	-1.26E-05	2.85E-06	1.13E-05	-1.94E-04	2.85E-05	2.07E-04	9.26E-05	-1.02E-04				
25	401.25	-9.91E-02	3.97E-02	4.28E-01	-8.26E-01	1.31E-01	1.11E+00	7.99E-01	-8.58E-01	-47.40	6.80E-01	-4.29E-01	
	-19.00	-7.86E-06	-2.52E-06	1.24E-05	-6.35E-05	1.01E-05	8.50E-05	2.67E-05	-3.71E-05				
26	427.67	-1.18E+00	-1.09E+00	-5.09E-01	-2.81E+00	4.99E-01	3.79E+00	1.68E+00	-3.94E+00	-45.45	-2.83E+00	-2.24E+00	
	-8.33	-1.47E-05	-1.14E-05	1.09E-05	-2.16E-04	3.64E-05	2.91E-04	9.51E-05	-1.21E-04				
27	457.00	-1.47E-01	-2.17E-01	-1.32E-01	-2.10E+00	-7.30E-03	2.28E+00	1.87E+00	-2.34E+00	-43.85	-1.47E-01	-2.10E+00	
	-303.00	1.04E-06	-6.65E-06	1.74E-06	-1.91E-04	-6.63E-07	2.07E-04	9.29E-05	-9.85E-05				
28	457.00	-1.56E-01	-2.20E-01	-1.22E-04	-1.98E+00	2.41E-02	2.10E+00	1.79E+00	-2.17E+00	-44.54	-1.56E-01	-1.98E+00	
	-213.00	-2.30E-06	-5.12E-06	4.88E-06	-1.80E-04	2.19E-06	1.91E-04	8.63E-05	-9.37E-05				
29	457.00	-4.77E-01	-2.35E-01	1.80E-01	-1.56E+00	-2.83E-02	1.71E+00	1.21E+00	-1.92E+00	-47.22	-4.77E-01	-1.56E+00	
	-138.00	-8.05E-06	-2.54E-06	6.88E-06	-7.08E-05	-1.28E-06	7.78E-05	3.02E-05	-4.08E-05				
30	442.00	-5.59E-01	-1.29E+00	-4.38E-01	-2.72E+00	-5.86E-02	3.07E+00	1.82E+00	-3.67E+00	-41.16	-5.59E-01	-2.72E+00	
	-68.00	3.66E-06	-2.45E-05	8.29E-06	-2.09E-04	-4.51E-06	2.36E-04	9.50E-05	-1.16E-04				
31	457.33	3.21E+00	1.47E+00	2.13E+00	-9.42E-01	-1.46E+00	1.61E+00	3.62E+00	1.06E+00	-23.66	1.47E+00	9.42E-01	
	-88.00	4.86E-05	-1.82E-05	6.96E-06	-7.24E-05	-1.12E-04	1.24E-04	6.45E-05	-3.40E-05				
32	472.67	-5.27E+00	-4.43E+00	-3.63E+00	-2.35E+00	9.17E-01	3.88E+00	-2.47E+00	-7.23E+00	-50.05	-6.69E+00	-1.52E+00	
	-68.00	-5.61E-05	-2.39E-05	6.74E-06	-1.81E-04	7.06E-05	2.98E-04	5.17E-05	-1.32E-04				
33	443.00	-4.61E-01	-3.59E-01	1.39E-01	-1.39E+00	1.85E-01	1.48E+00	9.84E-01	-1.80E+00	-46.05	-4.61E-01	-1.39E+00	
	-19.50	-1.02E-05	-6.31E-06	1.28E-05	-1.07E-04	1.42E-05	1.14E-04	4.53E-05	-6.15E-05				
34	454.00	-4.25E+00	-3.23E+00	-2.61E+00	-3.56E+00	1.06E+00	4.79E+00	-1.46E-01	-7.34E+00	-49.10	-5.67E+00	-3.04E+00	
	-11.33	-5.28E-05	-1.33E-05	1.07E-05	-2.74E-04	8.29E-05	3.68E-04	1.05E-04	-1.71E-04				
35	461.67	-1.10E+00	-1.42E+00	-6.26E-01	-3.37E+00	2.76E-01	4.97E+00	2.12E+00	-4.64E+00	-43.63	-1.10E+00	-3.37E+00	
	-12.00	-7.67E-06	-2.01E-05	1.05E-05	-2.60E-04	2.13E-05	3.82E-04	1.16E-04	-1.44E-04				
36	469.00	2.62E+00	1.00E+00	1.86E+00	-3.18E-01	-1.29E+00	1.97E+00	2.68E+00	9.40E-01	-10.71	1.00E+00	3.18E-01	
	-30.00	4.05E-05	-2.17E-05	1.13E-05	-2.44E-05	-9.88E-05	1.52E-04	4.28E-05	-2.41E-05				
37	476.33	-2.04E+00	-2.82E+00	-1.54E+00	-2.30E+00	2.97E-01	4.07E+00	-9.30E-02	-4.77E+00	-40.15	-2.97E+00	-2.27E+00	
	-12.00	-7.99E-06	-3.03E-05	1.11E-05	-1.77E-04	2.28E-05	3.13E-04	6.67E-05	-1.13E-04				
38	558.50	1.35E-01	-1.08E-03	9.60E-02	-1.98E+00	-6.02E-02	2.20E+00	2.05E+00	-1.91E+00	-44.01	1.35E-01	-1.98E+00	
	-303.00	3.15E-06	-3.04E-06	1.38E-06	-1.80E-04	-5.47E-06	2.00E-04	9.00E-05	-8.95E-05				
39	558.50	-3.55E-02	-2.98E-01	-2.21E-02	-1.97E+00	-1.18E-01	2.16E+00	1.81E+00	-2.15E+00	-43.10	-3.55E-02	-1.97E+00	
	-213.00	3.00E-06	-8.92E-06	3.61E-06	-1.79E-04	-1.07E-05	1.95E-04	8.70E-05	-9.29E-05				
40	506.17	5.68E-03	-7.38E-01	1.19E-01	-4.45E+00	-2.32E-01	4.57E+00	4.10E+00	-4.83E+00	-42.61	5.68E-03	-4.45E+00	
	-128.00	3.35E-06	-1.36E-05	8.51E-06	-2.02E-04	-1.06E-05	2.08E-04	9.63E-05	-1.07E-04				
41	558.50	1.32E+00	-4.80E-01	4.55E-01	-1.90E+00	-1.02E+00	2.68E+00	2.52E+00	-1.68E+00	-32.34	-4.80E-01	1.90E+00	
	-148.00	2.31E-05	-1.77E-05	3.58E-06	-8.62E-05	-4.63E-05	1.22E-04	5.04E-05	-4.50E-05				
42	610.83	-2.05E-01	-8.10E-01	-1.18E-01	-3.83E+00	-7.42E-01	3.58E+00	3.34E+00	-4.35E+00	-42.74	-4.29E+00	7.14E-01	
	-128.00	1.28E-06	-1.25E-05	3.27E-06	-1.74E-04	-3.37E-05	1.63E-04	8.18E-05	-9.30E-05				
43	501.38	[illegible]31E-01	1.05E-01	5.00E-01	-1.01E+00	-3.50E-01	1.[illegible]E+00	1.27E+00	-7.74E-01	-40.96	3.93E-01	-1.01E+00	
	-78.00	[illegible]4E-06	-6.91E-06	8.25E-06	-7.79E-05	-2.70E-05	[illegible]08	3.80E-05	-4.07E-05				
44	534	[illegible]8E-01	-6.44E-01	-2.87E-01	-3.20E+00	-2.06E-01	[illegible]00	2.58E+00	-3.82E+00	-44.80	-3.77E+00	5.[illegible]	

	-65.00	[illegible]1E-06	-7.95E-06	5.77E-06	-2.44E-04	-1.55E-05	[illegible]-04	1.16E-04	-1.30E-04					
45	594.67	[illegible]04E-01	2.55E-01	5.26E-01	-3.09E+00	-7.45E-01	[illegible]+00	3.51E+00	-2.65E+00	-43.38	6.04E-01	-3.08E+[illegible]		
	-68.00	7.86E-06	-5.49E-06	5.27E-06	-2.37E-04	-5.75E-05	2.22E-04	1.20E-04	-1.17E-04					
46	610.83	3.13E+00	7.64E-01	1.60E+00	-1.65E+00	-1.48E+00	2.29E+00	3.97E+00	-8.16E-02	-27.18	7.64E-01	1.65E+00		
	-88.00	5.99E-05	-3.10E-05	1.30E-06	-1.27E-04	-1.13E-04	1.76E-04	9.24E-05	-6.35E-05					
47	483.63	1.65E-01	-9.87E-02	5.07E-01	-7.42E-01	-3.82E-01	1.48E+00	7.87E-01	-7.21E-01	-39.96	1.65E-01	-7.42E-01		
	-21.00	4.52E-08	-1.01E-05	1.32E-05	-5.71E-05	-2.54E-05	1.14E-04	2.40E-05	-3.40E-05					
48	485.83	-9.32E-11	-1.42E+00	-5.69E-01	-2.17E+00	-5.33E-02	4.53E+00	1.01E+00	-3.36E+00	-41.78	-1.21E+00	-2.18E+00		
	-12.00	-3.72E-06	-2.26E-05	1.02E-05	-1.67E-04	-4.10E-06	3.49E-04	7.09E-05	-9.72E-05					
49	507.88	6.72E-02	1.25E-01	5.10E-01	-9.10E-01	-2.15E-01	1.61E+00	9.07E-01	-7.14E-01	-46.03	6.72E-02	-8.10E-01		
	-21.00	-5.13E-06	-2.90E-06	1.19E-05	-6.23E-05	-1.65E-05	1.24E-04	2.72E-05	-3.52E-05					
50	538.67	-5.58E-01	-3.35E-01	-9.96E-02	-2.87E+00	-1.01E+00	3.46E+00	2.42E+00	-3.31E+00	-46.12	-3.29E+00	3.88E-01		
	-10.00	-1.06E-05	-1.97E-06	7.07E-06	-2.20E-04	-7.80E-05	2.66E-04	1.04E-04	-1.17E-04					
51	484.67	9.43E+00	6.55E+00	6.97E+00	2.14E-01	-7.04E-01	4.87E-01	9.45E+00	6.53E+00	4.22	6.55E+00	-2.14E-01		
	8.00	1.11E-04	-3.30E-07	1.58E-05	1.65E-05	-5.42E-05	3.75E-05	1.11E-04	-9.36E-07					
52	507.00	-2.31E+00	-2.81E+00	-1.58E+00	-1.56E+00	-4.62E-01	-1.24E+00	-9.76E-01	-4.14E+00	-40.48	-3.79E+00	-9.85E-01		
	0.00	-1.52E-05	-3.43E-05	1.28E-05	-1.20E-04	-3.55E-05	-9.55E-05	3.60E-05	-8.56E-05					
53	603.00	-3.24E-02	5.00E-02	9.66E-02	-1.21E+00	-4.87E-01	1.15E+00	1.22E+00	-1.20E+00	-45.98	7.31E-01	-9.71E-01		
	-18.00	-2.50E-06	6.70E-07	2.46E-06	-9.30E-05	-3.74E-05	8.83E-05	4.56E-05	-4.75E-05					
54	712.00	1.77E-01	-1.40E-01	2.36E-02	-1.88E+00	-1.54E-01	1.87E+00	1.90E+00	-1.86E+00	-42.58	1.77E-01	-1.88E+00		
	-303.00	7.25E-06	-7.16E-06	2.94E-07	-1.70E-04	-1.40E-05	1.70E-04	8.56E-05	-8.55E-05					
55	712.00	1.04E+00	5.72E-01	6.33E-01	-2.06E+00	-4.90E-01	1.84E+00	2.88E+00	-1.27E+00	-41.75	1.04E+00	-2.06E+00		
	-213.00	1.82E-05	-3.18E-06	-4.37E-07	-1.88E-04	-4.45E-05	1.67E-04	1.02E-04	-8.69E-05					
56	712.00	1.32E+00	7.00E-01	5.01E-01	-1.57E+00	-1.12E+00	1.44E+00	2.61E+00	-5.92E-01	-39.42	1.32E+00	-1.57E+00		
	-138.00	1.88E-05	2.68E-06	-1.83E-06	-7.14E-05	-5.10E-05	6.57E-05	4.61E-05	-2.67E-05					
57	712.00	3.73E-01	3.05E-02	8.47E-02	-9.88E-01	-4.54E-01	1.09E+00	1.21E+00	-7.98E-01	-40.01	3.78E-01	-9.88E-01		
	-78.00	9.12E-06	-4.25E-06	-2.16E-06	-7.60E-05	-3.49E-05	8.36E-05	4.10E-05	-3.61E-05					
58	712.00	4.82E-01	3.38E-01	2.38E-01	-1.34E+00	-3.97E-01	1.34E+00	1.75E+00	-9.30E-01	-43.45	4.82E-01	-1.34E+00		
	-10.00	6.93E-06	1.37E-06	-2.49E-06	-1.03E-04	-3.06E-05	1.03E-04	5.57E-05	-4.74E-05					
59	837.00	5.34E+00	2.97E+00	3.33E+00	-1.58E+00	-9.69E-01	1.61E+00	6.13E+00	2.18E+00	-26.50	2.97E+00	1.58E+00		
	-318.00	9.18E-05	-1.62E-05	.00E+00	-1.43E-04	-8.81E-05	1.47E-04	1.27E-04	-5.19E-05					
60	887.00	7.57E-01	8.27E-02	3.36E-01	-4.22E+00	-3.56E-01	3.66E+00	4.66E+00	-3.82E+00	-42.72	-3.46E+00	1.69E+00		
	-288.00	1.92E-05	-1.15E-05	.00E+00	-3.84E-04	-3.24E-05	3.32E-04	1.96E-04	-1.89E-04					
61	987.00	-9.42E-01	-6.17E-01	-6.23E-01	-4.30E+00	2.25E-01	3.44E+00	3.53E+00	-5.09E+00	-46.08	-9.42E-01	-4.30E+00		
	-288.00	-1.45E-05	3.11E-07	.00E+00	-3.91E-04	2.04E-05	3.12E-04	1.89E-04	-2.03E-04					
62	1037.00	5.36E+00	3.25E+00	3.45E+00	-3.16E+00	-8.37E-01	2.79E+00	7.64E+00	9.73E-01	-35.79	3.25E+00	3.16E+00		
	-318.00	8.71E-05	-8.75E-06	.00E+00	-2.88E-04	-7.61E-05	2.54E-04	1.91E-04	-1.12E-04					
63	862.00	1.35E-01	8.77E-02	-1.61E-02	-2.14E+00	-9.20E-02	1.89E+00	2.25E+00	-2.03E+00	-44.69	1.35E-01	-2.14E+00		
	-213.00	3.44E-06	1.31E-06	-3.41E-06	-1.94E-04	-8.36E-06	1.72E-04	9.96E-05	-9.48E-05					
64	1012.00	-2.63E-01	-1.53E-01	-2.75E-01	-2.31E+00	7.20E-02	1.95E+00	2.10E+00	-2.52E+00	-45.69	-2.63E-01	-2.31E+00		
	-213.00	-3.00E-06	2.03E-06	-3.52E-06	-2.10E-04	6.54E-06	1.77E-04	1.05E-04	-1.06E-04					
65	837.00	-1.71E-01	1.82E-01	-3.10E-01	-1.62E+00	-7.48E-02	1.95E+00	1.63E+00	-1.62E+00	-48.11	1.82E-01	1.62E+00		
	-188.00	-2.31E-06	5.71E-06	-5.49E-06	-7.36E-05	-3.40E-06	8.88E-05	3.87E-05	-3.53E-05					
66	937.00	2.35E-01	1.13E-01	-1.76E-01	-2.87E+00	-1.61E-01	2.37E+00	3.04E+00	-2.70E+00	-44.39	-1.85E+00	2.04E+00		
	-128.00	4.44E-06	1.67E-06	-4.90E-06	-1.30E-04	-7.32E-06	1.08E-04	6.83E-05	-6.22E-05					
67	1037.00	2.59E+00	5.85E-01	6.50E-01	-2.74E+00	-8.82E-01	2.61E+00	4.50E+00	-1.33E+00	-34.95	5.85E-01	2.74E+00		
	-148.00	3.88E-06	-6.76E-06	-5.28E-06	-1.24E-04	-4.01E-05	1.18E-04	8.23E-05	-5.03E-05					
68	837.00	7.98E-01	7.74E-01	4.57E-01	-3.12E+00	-3.76E-01	2.72E+00	3.91E+00	-2.34E+00	-44.89	7.98E-01	-3.12E+00		
	-68.00	8.38E-06	7.47E-06	-4.70E-06	-2.40E-04	-2.89E-05	2.09E-04	1.28E-04	-1.12E-04					
69	937.00	9.75E-01	-9.46E-02	1.08E-01	-1.63E+00	-4.25E-01	1.45E+00	2.16E+00	-1.28E+00	-35.92	-9.46E-02	1.63E+00		
	-88.00	2.66E-05	-1.45E-05	-6.69E-06	-1.25E-04	-3.27E-05	1.11E-04	7.21E-05	-5.95E-05					
70	1037.00	1.95E-01	-1.60E-01	-2.05E-01	-2.76E+00	6.99E-02	2.86E+00	2.81E+00	-2.77E+00	-43.16	-2.03E+00	1.89E+00		
	-68.00	9.47E-06	-4.33E-06	-6.05E-06	-2.14E-04	5.38E-06	2.20E-04	1.10E-04	-1.05E-04					
71	862.00	6.43E-01	4.26E-01	2.02E-01	-1.31E+00	-3.51E-01	1.27E+00	1.85E+00	-7.77E-01	-42.57	6.49E-01	-1.31E+00		
	-18.00	1.09E-05	2.36E-06	-6.27E-06	-1.01E-04	-2.70E-05	9.76E-05	5.72E-05	-4.39E-05					
72	1012.00	-1.54E-01	-2.51E-01	-4.17E-01	-1.42E+00	4.97E-02	1.19E+00	1.22E+00	-1.63E+00	-44.02	-1.54E-01	-1.42E+00		
	-18.00	3.11E-06	-6.23E-07	-7.00E-06	-1.09E-04	3.82E-06	9.17E-05	5.60E-05	-5.35E-05					
73	1387.00	-2.79E-01	-2.83E-01	-2.60E-01	-1.74E+00	5.81E-03	1.35E+00	1.46E+00	-2.02E+00	-44.96	-2.79E-01	-1.74E+00		
	-303.00	-1.99E-06	-2.19E-06	-1.16E-06	-1.58E-04	5.28E-07	1.23E-04	7.70E-05	-8.11E-05					
74	1387.00	-1.96E-02	7.54E-02	-9.55E-02	-1.83E+00	-1.77E-02	1.32E+00	1.86E+00	-1.80E+00	-45.74	-1.96E-02	-1.83E+00		
	-213.00	-3.75E-07	3.94E-06	-3.83E-06	-1.66E-04	-1.61E-06	1.20E-04	8.50E-05	-8.14E-05					
75	1387.00	1.93E-02	-1.87E-02	-3.49E-01	-1.34E+00	-9.48E-02	9.08E-01	1.31E+00	-1.38E+00	-43.85	1.93E-02	-1.34E+00		
	-138.00	2.63E-06	1.81E-07	-5.74E-05	-6.11E-05	-3.86E-06	4.13E-05	3.20E-05	-2.92E-05					
76	1187.00	4.13E-01	3.06E-01	9.51E-02	-2.10E+00	-2.62E-01	1.18E+00	2.46E+00	-1.74E+00	-44.27	4.13E-01	-2.10E+00		

	-68.00	6.94E-06	2.82E-06	-5.29E-06	-1.62E-04	-2.02E-05	9.11E-05	8.57E-05	-7.60E-05				
77	1367.00	5.51E-01	4.34E-01	1.10E-01	-1.01E+00	-2.02E-01	1.10E-01	1.50E+00	-5.10E-01	-43.34	4.34E-01	1.01E+00	
	-88.00	9.15E-06	4.65E-06	-7.79E-06	-7.76E-05	-1.56E-05	6.23E-05	4.58E-05	-3.20E-05				
78	1597.00	2.13E-01	1.55E-01	-8.95E-02	-1.31E+00	-9.22E-03	6.42E-01	1.50E+00	-1.13E+00	-44.41	-3.45E-01	1.20E+00	
	-68.00	5.20E-06	3.11E-06	-6.91E-06	-1.01E-04	-7.09E-07	4.95E-05	5.47E-05	-4.64E-05				
79	1237.00	7.53E-01	3.09E-01	1.49E-01	-1.11E+00	-3.04E-01	7.50E-01	1.66E+00	-5.96E-01	-39.32	7.53E-01	-1.11E+00	
	-18.00	1.57E-05	-1.42E-06	-7.59E-06	-8.50E-05	-2.34E-05	5.77E-05	5.05E-05	-3.62E-05				
80	1433.80	4.59E-01	1.23E-01	-5.56E-02	-1.29E+00	-1.59E-01	5.72E-01	1.60E+00	-1.01E+00	-41.29	4.59E-01	-1.29E+00	
	-8.00	1.19E-05	-1.07E-06	-7.92E-06	-9.95E-05	-1.22E-05	4.40E-05	5.56E-05	-4.48E-05				
81	1533.80	7.64E-01	1.63E-01	8.44E-02	-7.37E-01	-1.48E-01	3.69E-01	1.26E+00	-3.33E-01	-33.92	1.63E-01	7.37E-01	
	-28.00	1.83E-05	-4.65E-06	-7.86E-06	-5.67E-05	-1.14E-05	2.83E-05	3.73E-05	-2.39E-05				
82	1633.80	8.38E-01	2.93E-01	1.84E-01	-2.90E-01	-3.70E-02	1.08E-01	9.64E-01	1.68E-01	-23.42	1.70E-01	3.91E-02	
	-8.00	1.78E-05	-3.17E-06	-7.38E-06	-2.23E-05	-2.85E-06	8.31E-06	7.26E-05	-8.01E-06				
83	1433.80	3.10E+00	1.34E+00	1.44E+00	-8.31E-01	-8.00E-01	4.06E-01	3.43E+00	1.01E+00	-21.68	1.34E+00	8.31E-01	
	27.60	5.46E-05	-1.31E-05	-9.18E-06	-6.39E-05	-6.16E-05	3.12E-05	6.73E-05	-2.56E-05				
84	1296.10	1.11E+00	1.52E-01	1.73E-01	-8.85E-01	-3.67E-01	6.54E-01	1.66E+00	-3.76E-01	-30.82	6.95E-01	1.00E+00	
	40.70	2.69E-05	-9.89E-06	-9.09E-06	-6.81E-05	-2.83E-05	3.50E-05	4.72E-05	-3.02E-05				
85	1148.60	5.02E-01	-2.34E-01	-1.58E-01	-1.22E+00	-4.29E-01	4.67E-01	1.41E+00	-1.14E+00	-36.63	-9.46E-01	-6.84E-01	
	57.33	1.81E-05	-1.02E-05	-7.29E-06	-9.42E-05	-3.30E-05	3.59E-05	5.31E-05	-4.52E-05				
86	1131.40	3.02E+00	1.53E+00	1.91E+00	-4.51E-01	-1.44E+00	8.99E-02	4.02E+00	1.84E+00	-12.21	1.93E+00	4.51E-01	
	112.00	6.55E-05	-1.09E-05	-1.20E-05	-3.47E-05	-1.11E-04	6.92E-06	6.92E-05	-1.46E-05				
87	1019.80	1.12E+00	5.23E-01	3.59E-01	-1.25E+00	-5.07E-01	1.75E+00	2.11E+00	-4.65E-01	-38.27	5.23E-01	1.25E+00	
	34.67	2.11E-05	-1.91E-06	-8.21E-06	-9.63E-05	-3.90E-05	1.35E-04	5.91E-05	-3.99E-05				
88	886.60	5.82E-01	2.48E-01	9.50E-02	-1.04E+00	-2.55E-01	1.13E+00	1.47E+00	-6.43E-01	-40.45	5.82E-01	-1.04E+00	
	46.00	1.22E-05	-6.42E-07	-6.51E-06	-8.03E-05	-1.96E-05	8.72E-05	4.65E-05	-3.49E-05				
89	869.80	2.52E+00	1.12E+00	1.16E+00	-5.91E-01	-7.98E-01	4.88E-01	2.74E+00	9.08E-01	-20.13	1.12E+00	5.91E-01	
	96.00	4.42E-05	-9.54E-06	-8.22E-06	-4.55E-05	-6.14E-05	3.75E-05	5.25E-05	-1.75E-05				
90	952.60	4.81E-01	-1.19E+00	-5.57E-01	-1.52E+00	-4.49E-01	1.11E+00	1.38E+00	-2.09E+00	-30.59	-1.70E+00	1.10E+00	
	128.00	3.24E-05	-3.19E-05	-7.51E-06	-1.17E-04	-3.46E-05	8.57E-05	6.70E-05	-6.64E-05				
91	869.80	7.29E-01	6.25E-02	8.45E-02	-7.20E-01	-4.44E-01	3.23E-01	1.19E+00	-3.97E-01	-32.57	7.29E-01	-7.20E-01	
	160.00	1.84E-05	-7.23E-06	-6.38E-06	-5.54E-05	-3.42E-05	2.49E-05	3.61E-05	-2.49E-05				
92	869.80	3.59E+00	1.24E+00	1.52E+00	-4.00E-01	-1.58E+00	4.37E-01	3.65E+00	1.17E+00	-9.39	1.24E+00	4.00E-01	
	203.60	6.82E-05	-2.22E-05	-1.12E-05	-3.07E-05	-1.21E-04	3.36E-05	7.08E-05	-2.47E-05				
93	598.67	-2.20E-01	7.64E-02	-5.38E-02	-2.09E+00	-1.06E+00	2.35E+00	2.03E+00	-2.17E+00	-47.02	7.64E-02	2.09E+00	
	16.00	-6.29E-06	5.10E-06	9.66E-08	-1.61E-04	-8.15E-05	1.81E-04	8.01E-05	-8.13E-05				
94	645.75	3.55E-01	2.45E-01	2.20E-01	-1.34E+00	-4.42E-01	1.17E+00	1.66E+00	-1.04E+00	-43.83	3.55E-01	-1.34E+00	
	24.00	4.64E-06	4.17E-07	-5.55E-07	-1.03E-04	-3.40E-05	8.99E-05	5.42E-05	-4.92E-05				
95	613.10	3.83E-01	6.25E-01	4.57E-01	-2.32E+00	-3.91E-01	5.10E-01	2.83E+00	-1.82E+00	-46.49	3.83E-01	-2.32E+00	
	69.33	-1.36E-06	7.94E-06	1.47E-06	-1.79E-04	-3.00E-05	3.93E-05	9.28E-05	-8.62E-05				
96	708.45	6.72E-01	1.81E-01	2.04E-01	-1.07E+00	-4.50E-01	9.41E-01	1.53E+00	-6.73E-01	-38.55	8.44E-01	1.02E+00	
	55.00	1.42E-05	-4.65E-06	-3.77E-06	-8.24E-05	-3.46E-05	7.24E-05	4.71E-05	-3.75E-05				
97	613.10	1.83E+00	8.42E-01	9.10E-01	-7.60E-01	-1.31E+00	5.52E-01	2.24E+00	4.30E-01	-28.50	8.42E-01	7.60E-01	
	96.00	3.10E-05	-6.97E-06	-4.36E-06	-5.85E-05	-1.00E-04	4.25E-05	4.69E-05	-2.28E-05				
98	682.27	6.84E-01	2.29E-01	2.23E-01	-1.52E+00	-3.97E-01	1.05E+00	2.00E+00	-1.08E+00	-40.76	-8.69E-01	7.84E-01	
	112.00	1.38E-05	-3.66E-06	-3.92E-06	-1.17E-04	-3.05E-05	8.11E-05	6.43E-05	-5.41E-05				
99	751.43	2.35E+00	-3.53E-01	5.67E-01	-1.62E+00	-1.15E+00	2.11E+00	3.11E+00	-1.11E+00	-25.09	-3.53E-01	1.62E+00	
	96.00	6.22E-05	-4.18E-05	-6.38E-06	-1.25E-04	-8.84E-05	1.62E-04	9.14E-05	-7.10E-05				
100	683.25	6.25E-01	1.89E-01	1.46E-01	-5.47E-01	-3.02E-01	6.89E-01	9.96E-01	-1.82E-01	-34.16	6.25E-01	-5.47E-01	
	152.00	1.35E-05	-3.27E-06	-4.93E-06	-4.21E-05	-2.32E-05	5.30E-05	2.78E-05	-1.76E-05				
101	648.67	3.11E+00	1.51E+00	1.61E+00	-3.77E-01	-8.75E-01	4.85E-01	3.20E+00	1.42E+00	-12.55	1.51E+00	3.77E-01	
	192.00	5.13E-05	-1.06E-05	-6.51E-06	-2.90E-05	-6.73E-05	3.73E-05	5.45E-05	-1.38E-05				
102	725.25	5.11E-01	-2.35E-01	-1.03E-01	-5.66E-01	-2.24E-01	4.83E-01	8.16E-01	-5.39E-01	-28.31	1.21E-01	6.77E-01	
	232.70	1.77E-05	-1.09E-05	-5.86E-06	-4.35E-05	-1.72E-05	3.72E-05	2.95E-05	-2.27E-05				
103	635.50	4.29E-01	4.41E-01	1.66E-01	-4.09E-02	-1.68E-01	-3.40E-02	4.77E-01	3.94E-01	-49.35	4.29E-01	-4.09E-02	
	256.00	5.11E-06	5.59E-06	-5.01E-06	-3.14E-06	-1.29E-05	-2.61E-06	6.94E-06	3.76E-06				
104	635.50	1.19E+00	7.97E-01	5.18E-01	6.20E-03	-5.97E-01	4.12E-02	1.19E+00	7.97E-01	.90	7.97E-01	-6.20E-03	
	290.67	1.83E-05	3.12E-06	-7.61E-06	4.77E-07	-4.59E-05	3.17E-06	1.83E-05	3.11E-06				
105	569.00	-2.77E-01	8.43E-02	7.32E-02	-2.18E+00	-6.53E-01	2.01E+00	2.09E+00	-2.25E+00	-47.36	-2.77E-01	-2.18E+00	
	16.50	-9.33E-06	4.55E-06	4.13E-06	-1.68E-04	-5.02E-05	1.55E-04	8.19E-05	-8.66E-05				
106	508.50	-4.29E+00	-2.83E+00	-2.63E+00	-1.56E+00	-1.53E+00	6.19E-01	-1.84E+00	-5.28E+00	-57.54	-2.83E+00	1.56E+00	
	13.00	-5.70E-05	-1.81E-06	6.10E-06	-1.20E-04	-1.18E-04	4.76E-05	3.63E-05	-9.59E-05				
107	521.00	-1.15E+00	-5.41E-01	-3.31E-01	-2.13E+00	-5.52E-01	1.14E+00	1.30E+00	-2.95E+00	-49.08	-1.15E+00	-2.13E+00	
	15.7[illegible]	[illegible].20E-05	1.41E-06	9.52E-06	-1.64E-04	-4.24E-05	[illegible]E-05	7.23E-05	-9.30E-05				
108	52[illegible]	[illegible].80E-01	-4.41E-01	-2.75E-01	-2.35E+00	-4.62E-0[illegible]	[illegible]E+00	1.66E+00	-3.08E+00	-48.28	-9.80E-01	-2.[illegible]	

	21.	[illegible]91E-05	1.69E-06	8.07E-06	-1.81E-04	-3.55E-05	[illegible]-05	8.23E-05	-9.97E-05				
109	515.50	[illegible]66E+00	-1.75E+00	-1.64E+00	-2.89E+00	-1.03E+00	[illegible]-01	7.17E-01	-5.13E+00	-49.47	-1.75E+00	2.89E[illegible]	
	26.00	[illegible].58E-05	-8.43E-07	3.35E-06	-2.22E-04	-7.94E-05	[illegible]-05	6.41E-05	-1.31E-04				
110	531.50	-3.44E-01	-2.12E-01	-3.86E-02	-1.91E+00	-3.11E-01	5.97E-01	1.64E+00	-2.15E+00	-45.99	-3.44E-01	-1.91E+00	
	34.50	-6.71E-06	-1.60E-06	5.05E-06	-1.47E-04	-2.44E-05	7.67E-05	6.94E-05	-7.76E-05				
111	515.50	1.39E+00	2.16E+00	1.67E+00	-5.61E+00	-2.40E-01	2.77E-01	7.40E+00	-3.85E+00	-46.96	1.39E+00	-5.61E+00	
	44.00	-3.95E-06	2.57E-05	6.93E-06	-4.32E-04	-1.85E-05	2.13E-05	2.27E-04	-2.05E-04				
112	515.50	5.77E-01	3.50E-01	4.34E-01	-1.30E+00	-5.45E-01	5.04E-01	1.77E+00	-8.38E-01	-42.50	3.50E-01	1.30E+00	
	52.33	7.23E-06	-1.50E-06	1.75E-06	-9.98E-05	-4.22E-05	3.87E-05	5.20E-05	-4.72E-05				
113	547.50	9.02E-01	-1.66E-01	3.55E-01	-2.04E+00	-3.61E-01	1.82E+00	2.47E+00	-1.74E+00	-37.66	-7.97E-01	1.75E+00	
	64.00	2.27E-05	-1.84E-05	1.64E-06	-1.57E-04	-2.79E-05	1.40E-04	8.32E-05	-7.88E-05				
114	515.50	1.74E+00	2.00E+00	1.57E+00	-2.35E+00	-1.45E-01	6.71E-01	4.21E+00	-4.83E+01	-46.59	1.74E+00	-2.35E+00	
	74.67	8.46E-06	1.85E-05	2.17E-06	-1.80E-04	-1.12E-05	5.16E-05	1.04E-04	-7.69E-05				
115	515.50	3.44E+00	2.16E+00	2.26E+00	-8.39E-01	-4.65E-01	4.71E-01	3.85E+00	1.75E+00	-26.41	2.16E+00	8.39E-01	
	88.00	4.57E-05	-3.20E-06	6.68E-07	-6.45E-05	-3.58E-05	3.62E-05	6.18E-05	-1.92E-05				
116	547.50	2.04E+00	2.33E-01	9.32E-01	-2.55E+00	-3.42E-01	1.53E+00	3.84E+00	-1.56E+00	-35.24	-8.58E-01	1.82E+00	
	104.00	4.32E-05	-2.62E-05	6.29E-07	-1.96E-04	-2.63E-05	1.18E-04	1.12E-04	-9.54E-05				
117	515.50	7.21E-01	7.21E-01	5.22E-01	-1.85E+00	-3.32E-02	9.37E-01	2.57E+00	-1.13E+00	-45.00	7.21E-01	-1.85E+00	
	120.00	6.15E-06	6.15E-06	-1.50E-06	-1.43E-04	-2.55E-06	7.20E-05	7.74E-05	-6.53E-05				
118	515.50	2.47E+00	1.51E+00	1.50E+00	-7.16E-01	-2.12E-01	3.98E-01	2.85E+00	1.13E+00	-28.07	1.51E+00	7.16E-01	
	136.00	3.48E-05	-2.18E-06	-2.46E-06	-5.51E-05	-1.63E-05	3.06E-05	4.95E-05	-1.65E-05				
119	547.50	1.73E+00	4.70E-01	7.98E-01	-1.74E+00	-1.77E-01	9.37E-01	2.95E+00	-7.48E-01	-35.01	-2.74E-01	1.24E+00	
	152.00	3.37E-05	-1.49E-05	-2.32E-06	-1.34E-04	-1.36E-05	7.21E-05	8.06E-05	-6.18E-05				
120	515.50	8.16E-01	6.53E-01	4.18E-01	-1.26E+00	5.80E-03	6.66E-01	1.99E+00	-5.25E+01	-43.14	8.16E-01	-1.26E+00	
	168.00	1.07E-05	4.37E-06	-4.67E-06	-9.67E-05	4.46E-07	5.12E-05	5.60E-05	-4.09E-05				
121	515.50	3.15E+00	1.93E+00	1.86E+00	-5.66E-01	-1.64E-01	3.00E-01	3.37E+00	1.71E+00	-21.50	1.93E+00	5.66E-01	
	184.00	4.48E-05	-1.51E-06	-4.69E-06	-4.35E-05	-1.26E-05	2.31E-05	5.33E-05	-1.05E-05				
122	547.50	1.12E+00	-4.93E-01	8.92E-02	-1.90E+00	-1.15E-01	1.22E+00	2.38E+00	-1.75E+00	-33.51	-1.29E+00	1.30E+00	
	200.00	3.51E-05	-2.68E-05	-4.41E-06	-1.46E-04	-8.82E-06	9.37E-05	8.35E-05	-7.52E-05				
123	515.50	-4.27E-01	-7.53E-01	-7.42E-01	-9.06E-01	1.75E-01	8.54E-01	3.31E-01	-1.51E+00	-39.90	-4.27E-01	-9.06E-01	
	216.00	4.69E-06	-7.84E-06	-7.41E-06	-6.97E-05	1.35E-05	6.57E-05	3.38E-05	-3.70E-05				
124	515.50	9.57E-01	5.19E-01	3.66E-01	-2.34E-01	2.86E-01	1.97E-01	1.06E+00	4.18E-01	-23.43	5.19E-01	2.34E-01	
	232.00	1.66E-05	-2.74E-07	-6.17E-06	-1.80E-05	2.20E-05	1.52E-05	2.05E-05	-4.17E-06				
125	547.50	5.87E-01	3.32E-01	1.56E-01	-4.50E-01	1.47E-01	4.54E-01	9.28E-01	-7.99E-03	-37.08	1.35E-01	3.37E-01	
	248.00	1.08E-05	9.51E-07	-5.81E-06	-3.46E-05	1.13E-05	3.50E-05	2.39E-05	-1.21E-05				
126	515.50	-7.02E-01	-1.07E+00	-1.01E+00	5.88E-02	2.66E-01	8.09E-01	-6.93E-01	-1.08E+00	8.82	-7.02E-01	5.88E-02	
	264.00	3.56E-06	-1.07E-05	-8.20E-06	4.52E-06	2.05E-05	6.22E-05	3.91E-06	-1.10E-05				
127	515.50	5.42E-01	2.99E-01	1.47E-01	-9.29E-02	5.42E-01	1.09E-01	5.73E-01	2.67E-01	-18.71	2.99E-01	9.29E-02	
	276.00	9.99E-06	6.47E-07	-5.21E-06	-7.15E-06	4.17E-05	8.36E-06	1.12E-05	-5.64E-07				
128	531.50	-2.94E-01	-2.08E-01	-4.38E-01	-5.56E-02	2.37E-01	6.45E-02	-1.81E-01	-3.21E-01	-63.87	-2.94E-01	-5.56E-02	
	297.00	-9.81E-07	2.33E-06	-6.52E-06	-4.28E-06	1.82E-05	4.96E-06	3.38E-06	-2.03E-06				
129	515.50	-1.48E+00	-1.35E+00	-1.40E+00	2.68E-01	2.58E-01	5.66E-01	-1.13E+00	-1.65E+00	51.79	-1.48E+00	2.68E-01	
	320.00	-1.04E-05	-5.29E-06	-7.46E-06	2.06E-05	1.98E-05	4.35E-05	2.74E-06	-1.85E-05				
130	565.50	-7.01E-02	7.59E-02	2.48E-01	-3.27E+00	-8.57E-01	2.62E+00	3.28E+00	-3.27E+00	-45.64	-7.01E-02	-3.27E+00	
	-8.00	-5.48E-06	1.34E-07	6.74E-06	-2.52E-04	-6.59E-05	2.01E-04	1.23E-04	-1.29E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9300E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.3725E+02	.2328E+03	-.2013E+02	-.3636E+02	-.8607E+02	.5801E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4683E+01	-.2039E+01	-.9344E+00	-.3205E+02	.2301E+02	.2931E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

843

3704

13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3952E+01	.6337E+00	-.4026E+00	-.5145E+02	.5124E+02	.5339E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5549E+01	-.1273E+01	-.5103E-01	-.7199E+02	.8020E+02	.7800E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5929E+01	.8419E+00	-.8019E-01	-.9257E+02	.1088E+03	.1048E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.9142E+00	.6614E+00	-.3704E+00	-.1232E+03	.1381E+03	.1366E+03
25	-.1468E+02	-.2375E+01	-.7644E-01	-.1534E+03	.1522E+03	.1675E+03
26	.4741E+01	.3413E+00	.2987E-01	-.1664E+03	.1608E+03	.1900E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7594E+02	.1457E+02	-.2479E+01	-.1706E+03	.2216E+03	.2082E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1268E+04	-.2204E+03	.8980E+01	-.2381E+03	.5917E+03	.3274E+03
40	-.8889E+03	-.1401E+03	-.1717E+01	-.2244E+03	.5841E+03	.3007E+03
41	-.5895E+03	-.7941E+02	-.1107E+02	-.1946E+03	.5296E+03	.2616E+03
42	-.1426E+03	-.1062E+02	-.1064E+02	-.1708E+03	.3764E+03	.2283E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1439E+04	.1887E+03	.8095E+01	-.3785E+02	.6211E+03	-.1609E+03
48	.1247E+04	.1634E+03	.8920E+01	-.7838E+02	.5750E+03	-.1159E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2106E+04	.3212E+03	.9928E+01	.3775E+02	.4263E+03	-.5031E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.5839E+01	-.1011E+02	.7230E+00	-.2193E+02	.6121E+03	-.1507E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1442E+04	.2192E+03	.9764E+01	.9686E+01	.3456E+03	-.4750E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1010E+04	.1543E+03	.1311E+02	.9340E+01	.3261E+03	-.4618E+03
66	.3398E+03	.5327E+02	.1650E+02	.1413E+02	.2755E+03	-.4811E+03
67	-.6968E+03	-.1026E+03	.1651E+02	.1241E+02	.2240E+03	-.4806E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	-.1241E+04	-.1844E+03	.1391E+02	-.4319[illegible]	.1818E+03	-.4711E+03
[illegible]	.1335E+03	.2132E+02	.9530E+01	-.6[illegible]	.1238E+03	-.4744E+03

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5197E+03	-.7735E+02	.6954E+01	-.7335E+02	.5120E+02	-.4591E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2194E+03	.3312E+02	.4990E+01	-.1030E+03	.6569E+01	-.4455E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3033E+03	-.4592E+02	.4432E+01	-.8179E+02	-.5541E+02	-.4129E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2020E+03	.2951E+02	.3719E+01	-.7361E+02	-.9288E+02	-.3779E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2308E+03	-.3591E+02	.3805E+01	-.7368E+02	-.1449E+03	-.3394E+03
109	.1360E+03	.1877E+02	.3261E+01	-.7538E+02	-.1802E+03	-.2940E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.1919E+03	-.3085E+02	.3193E+01	-.4543E+02	-.2193E+03	-.2428E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9587E+02	-.1665E+02	.6692E+00	-.2629E+02	-.2385E+03	-.1904E+03
115	-.2872E+02	-.6705E+01	-.8135E-01	-.1090E+02	-.2406E+03	-.1371E+03
116	-.7391E+02	-.1381E+02	-.7094E+00	.6829E+00	-.2541E+03	-.1013E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.8045E+02	-.1494E+02	-.1493E+01	-.1323E+02	-.2625E+03	-.9172E+02
119	-.4982E+02	-.1016E+02	-.2150E+01	.2186E+02	-.2406E+03	-.4997E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.1531E+03	-.2046E+02	-.9179E+01	.2202E+02	-.2129E+03	-.2449E+02
122	-.1288E+03	-.1056E+02	-.1613E+02	-.6573E+01	-.2063E+03	-.2726E+02
123	-.9830E+02	-.7117E+01	-.1435E+02	-.4460E+01	-.1806E+03	-.2470E+02
124	-.7226E+02	-.5058E+01	-.9903E+01	-.3001E+01	-.1492E+03	-.2263E+02
125	-.4823E+02	-.2699E+01	-.7275E+01	-.1791E+01	-.1238E+03	-.2065E+02
126	-.1648E+02	.2346E+01	-.6787E+01	-.2559E+00	-.1048E+03	-.1854E+02
127	.6998E+01	.6304E+01	-.6953E+01	.7858E+00	-.9018E+02	-.1581E+02
128	.3135E+02	.9659E+01	-.6747E+01	.3276E+01	-.6002E+02	-.1272E+02
129	.3235E+02	.8466E+01	-.5791E+01	.4402E+01	-.3543E+02	-.9953E+01
130	.2276E+02	.5244E+01	-.4377E+01	.4584E+01	-.1711E+02	-.7945E+01
131	.6151E+01	.9684E+00	-.3084E+01	.3993E+01	-.6800E+01	-.6624E+01
132	-.6338E+00	-.4329E+00	-.2301E+01	.2667E+01	-.6730E+01	-.5656E+01
133	-.1184E+01	-.3705E+00	-.2089E+01	.1852E+01	-.7342E+01	-.4727E+01
134	-.3284E+00	-.1116E+00	-.2071E+01	.1418E+01	-.6148E+01	-.3713E+01
135	-.9881E-02	-.1126E-01	-.2325E+01	.1081E+01	-.4350E+01	-.2737E+01
136	.1153E-02	-.1532E-01	-.3089E+01	.7576E+00	-.2827E+01	-.1829E+01
137	.5212E-01	.1702E-01	-.4829E+01	.5334E+00	-.1280E+01	-.1001E+01
138	-.2171E-01	-.1002E+00	-.7798E+02	.3645E+00	.3417E+00	-.5045E+00
139	-.7363E-01	-.1194E+00	.1895E+02	.5712E-01	-.1843E+00	.1876E+00

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3704

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .2400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.77365E-02	.52747E-04	-.78019E-02	.00000E+00
3	.14356E-01	.16628E-03	-.14363E-01	.00000E+00
4	.15667E-01	.16385E-03	-.15618E-01	.00000E+00
5	.17032E-01	.92711E-05	-.17040E-01	.00000E+00
6	.19604E-01	-.36561E-05	-.19600E-01	.23645E-05
7	.17772E-01	.29591E-03	-.18065E-01	.00000E+00
8	.19572E-01	.23332E-03	-.19760E-01	.53707E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.77536E-02	.72710E-04	-.78815E-02	.00000E+00
11	.14539E-01	.17349E-03	-.14848E-01	.00000E+00
12	.16314E-01	.20366E-03	-.16677E-01	.00000E+00
13	.17786E-01	.16344E-03	-.18006E-01	.00000E+00
14	.19808E-01	.23769E-03	-.20181E-01	.16164E-05
15	.18078E-01	.39708E-03	-.19146E-01	.00000E+00
16	.20007E-01	.36570E-03	-.20869E-01	-.78713E-06
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.78744E-02	.83552E-04	-.83742E-02	.00000E+00
19	.14897E-01	.18461E-03	-.15895E-01	.00000E+00
20	.18769E-01	.24507E-03	-.17933E-01	.00000E+00
21	.18293E-01	.15761E-03	-.19391E-01	.00000E+00
22	.20282E-01	.21928E-03	-.21827E-01	-.17798E-06
23	.18978E-01	.53206E-03	-.21355E-01	.00000E+00
24	.20620E-01	.47001E-03	-.23076E-01	.63374E-05
25	.20851E-01	.63149E-03	-.23870E-01	-.15478E-06
26	.20987E-01	.58031E-03	-.24335E-01	-.39467E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.79788E-02	.15450E-03	-.89593E-02	.00000E+00
29	.15387E-01	.32090E-03	-.17184E-01	.00000E+00
30	.17260E-01	.38106E-03	-.19539E-01	.00000E+00
31	.19056E-01	.50332E-03	-.21886E-01	.00000E+00
32	.21130E-01	.63730E-03	-.24847E-01	.16735E-04
33	.19033E-01	.78702E-03	-.22014E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.79615E-02	.24882E-03	-.90875E-02	.00000E+00
36	.15580E-01	.39731E-03	-.17672E-01	.00000E+00
37	.17507E-01	.45752E-03	-.19642E-01	.00000E+00
38	.19662E-01	.58509E-03	-.22907E-01	.00000E+00
39	.21384E-01	.87393E-03	-.25731E-01	-.13305E-04
40	.21339E-01	.96215E-03	-.25526E-01	-.22536E-05
41	.21295E-01	.94154E-03	-.25333E-01	.55203E-05
42	.21229E-01	.82784E-03	-.25116E-01	.13206E-04
43	.17505E-01	.57380E-03	-.20009E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.76426E-02	-.18409E-03	-.88498E-02	.00000E+00
46	.15757E-01	.27364E-03	-.17797E-01	.00000E+00
47	.21407E-01	.77495E-03	-.25815E-01	-.11709E-04
48	.21399E-01	.82590E-03	-.25799E-01	-.17659E-04
49	.19647E-01	.61145E-03	-.22752E-01	.00000E+00
50	.21609E-01	.82740E-03	-.25903E-01	-.49669E-04
51	.19921E-01	.66261E-03	-.22771E-01	.00000E+00
52	.22380E-01	.68591E-03	-.24959E-01	.00000E+00
53	.21426E-01	.70511E-03	-.25876E-01	-.28902E-05
54	.17511E-01	.26381E-03	-.19162E-01	.00000E+00
55	.19683E-01	.56057E-03	-.21374E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.66874E-02	.66144E-03	-.72923E-02	.00000E+00
58	.14449E-01	.37602E-03	-.14324E-01	[illegible]000E+00
59	.22909E-01	.51369E-03	-.24523E-01	[illegible]00E+00
[illegible]	.22443E-01	.66286E-03	-.24529E-01	[illegible]00E+00

	.21799E-01	.93016E-03	-.25973E-01	[illegible]28E-04
	.16628E-01	.16361E-03	-.17298E-01	[illegible]0000E+00
63	.19413E-01	.11023E-03	-.19871E-01	.00000E+00
64	.22849E-01	.68191E-03	-.25303E-01	.00000E+00
65	.22056E-01	.83321E-03	-.26038E-01	-.94062E-04
66	.22600E-01	.83833E-03	-.26170E-01	-.11399E-03
67	.23373E-01	.84130E-03	-.26312E-01	-.10858E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.53691E-02	-.13178E-03	-.50404E-02	.00000E+00
70	.15526E-01	.29260E-04	-.16181E-01	.00000E+00
71	.22508E-01	.13304E-03	-.23441E-01	.00000E+00
72	.23492E-01	.63020E-03	-.25523E-01	.00000E+00
73	.19190E-01	.10089E-03	-.19501E-01	.00000E+00
74	.24946E-01	.66740E-03	-.26562E-01	.00000E+00
75	.23954E-01	.84519E-03	-.26439E-01	-.82481E-04
76	.24731E-01	.87059E-03	-.26648E-01	-.57410E-04
77	.21940E-01	.26261E-04	-.22652E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.65055E-02	.14992E-03	-.73026E-02	.00000E+00
80	.15088E-01	-.16305E-03	-.15870E-01	.00000E+00
81	.16795E-01	-.13534E-03	-.17712E-01	.00000E+00
82	.18596E-01	-.19065E-03	-.19543E-01	.00000E+00
83	.25246E-01	.20741E-03	-.26162E-01	.00000E+00
84	.24275E-01	.76067E-04	-.25479E-01	.00000E+00
85	.25608E-01	.88428E-03	-.26942E-01	-.45779E-04
86	.25851E-01	.67677E-03	-.27037E-01	.00000E+00
87	.22416E-01	.46651E-04	-.23231E-01	.00000E+00
88	.26023E-01	.60975E-03	-.27002E-01	.00000E+00
89	.26211E-01	.92077E-03	-.27204E-01	-.36925E-04
90	.18372E-01	-.31757E-04	-.19390E-01	.00000E+00
91	.19527E-01	-.35753E-04	-.20278E-01	.00000E+00
92	.20791E-01	.32442E-03	-.21179E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.82728E-02	.00000E+00	-.90649E-02	.00000E+00
95	.14974E-01	.00000E+00	-.16118E-01	.00000E+00
96	.16765E-01	.00000E+00	-.17994E-01	.00000E+00
97	.17818E-01	.00000E+00	-.18612E-01	.00000E+00
98	.17690E-01	.00000E+00	-.18464E-01	.00000E+00
99	.18894E-01	.17979E-03	-.19453E-01	.00000E+00
100	.22227E-01	.39055E-03	-.21925E-01	.00000E+00
101	.25766E-01	.66260E-03	-.26291E-01	.00000E+00
102	.27146E-01	.90037E-03	-.27601E-01	-.33174E-04
103	.26546E-01	.46911E-03	-.27625E-01	.00000E+00
104	.27502E-01	.83043E-03	-.28002E-01	.00000E+00
105	.27801E-01	.99277E-03	-.27932E-01	-.28994E-04
106	.27604E-01	.51759E-03	-.28787E-01	.00000E+00
107	.28634E-01	.95476E-03	-.28799E-01	.00000E+00
108	.28562E-01	.10245E-02	-.28261E-01	-.27787E-04
109	.29111E-01	.10500E-02	-.28508E-01	-.23442E-04
110	.29079E-01	.14589E-02	-.30071E-01	.00000E+00
111	.29848E-01	.12116E-02	-.29799E-01	.00000E+00
112	.29704E-01	.10905E-02	-.28746E-01	-.21017E-04
113	.29650E-01	.12299E-02	-.29996E-01	.00000E+00
114	.30061E-01	.10760E-02	-.28878E-01	-.85914E-05
115	.30177E-01	.10478E-02	-.29005E-01	-.37137E-05
116	.30241E-01	.10745E-02	-.29024E-01	-.14774E-05
117	.30058E-01	.12242E-02	-.29962E-01	.00000E+00
118	.30249E-01	.10744E-02	-.29040E-01	.17774E-06
119	.30223E-01	.10713E-02	-.29049E-01	.21723E-05
120	.30233E-01	.12510E-02	-.29940E-01	.00000E+00
121	.30131E-01	.10456E-02	-.28998E-01	.64855E-05
122	.30118E-01	.98682E-03	-.29017E-01	.89235E-05
123	.30095E-01	.92646E-03	-.29032E-01	.10857E-04
124	.30067E-01	.85339E-03	-.29046E-01	.13127E-04

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125	.30026E-01	.76463E-03	-.29060E-01	.15923E-04
126	.29942E-01	.59349E-03	-.29084E-01	.19553E-04
127	.29845E-01	.37159E-03	-.29107E-01	.20721E-04
128	.29652E-01	-.52702E-04	-.29154E-01	.17964E-04
129	.29511E-01	-.39351E-03	-.29196E-01	.12609E-04
130	.29422E-01	-.63770E-03	-.29243E-01	.59925E-05
131	.29406E-01	-.70452E-03	-.29314E-01	-.19054E-05
132	.29457E-01	-.55365E-03	-.29377E-01	-.39979E-05
133	.29504E-01	-.39387E-03	-.29433E-01	-.30966E-05
134	.29531E-01	-.29283E-03	-.29479E-01	-.20763E-05
135	.29548E-01	-.21725E-03	-.29517E-01	-.16290E-05
136	.29559E-01	-.14957E-03	-.29545E-01	-.16443E-05
137	.29566E-01	-.94404E-04	-.29562E-01	-.15251E-05
138	.29570E-01	-.13525E-04	-.29570E-01	-.18050E-05
139	.29570E-01	-.16335E-05	-.29570E-01	-.16512E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9400E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	5.07E+03	1.91E+02	-1.10E+02	9.47E+01	4.34E+03	-9.63E+01	9.59E+01	-9.35E+01	45.21	5.07E+03	9.47E+01
	-303.00	5.95E-08	6.97E-07	-6.71E-07	8.61E-05	3.95E-07	-8.76E-05	4.34E-05	-4.27E-05			
2	72.00	1.99E+02	3.10E+02	-3.40E+02	8.20E+01	-2.12E+03	-8.44E+01	8.46E+01	-7.95E+01	45.19	1.99E+02	8.20E+01
	-213.00	6.86E-07	1.19E-06	-1.77E-06	7.46E-05	-1.93E-07	-7.68E-05	3.82E-05	-3.63E-05			
3	72.00	1.56E+01	3.84E+02	-6.70E+02	5.69E+01	-6.97E+02	-6.19E+01	6.69E+01	-4.75E+01	42.06	1.56E+01	5.69E+01
	-138.00	2.87E-06	2.06E-07	-2.19E-06	2.59E-05	-3.17E-06	-2.81E-05	1.45E-05	-1.15E-05			
4	24.00	7.62E+01	4.22E+01	5.47E+01	1.10E+00	-2.11E+01	-1.23E+00	1.70E+00	-5.21E+01	40.61	7.62E+01	1.10E+00
	-68.00	1.03E-05	-2.79E-06	2.01E-06	9.46E-05	-1.62E-05	-9.49E-05	4.66E-05	-3.91E-05			
5	72.00	-2.31E+01	-1.40E+01	-3.32E+01	4.73E+01	-2.65E+04	-4.88E+01	2.90E+01	-6.61E+01	47.73	-1.40E+01	-4.73E+01
	-88.00	-1.14E-06	2.33E-06	-5.05E-06	3.64E-05	-2.04E-08	-3.75E-05	1.89E-05	-1.77E-05			
6	120.00	-1.21E+01	-1.15E+01	-2.05E+01	9.31E+01	5.01E+02	-8.98E+01	8.13E+01	-1.05E+00	45.09	7.98E+01	-1.65E+01
	-68.00	1.89E-07	4.13E-07	-3.03E-06	7.16E-05	3.85E-06	-6.91E-05	3.61E-05	-3.55E-05			
7	36.25	2.68E+01	1.04E+01	5.21E+02	5.49E+01	-7.29E+02	-5.24E+01	7.41E+01	-3.69E+01	40.77	2.49E+01	5.51E+01
	-19.00	5.63E-06	-6.49E-07	-2.65E-06	4.22E-05	-5.61E-06	-4.03E-05	2.38E-05	-1.88E-05			
8	108.00	-3.20E+02	-5.68E+02	-1.18E+01	4.28E+01	-3.33E+03	-4.62E+01	3.94E+01	-4.72E+01	44.17	-3.20E+02	4.28E+01
	-19.00	1.04E-06	8.32E-08	-2.25E-06	3.29E-05	-2.56E-07	-3.55E-05	1.70E-05	-1.59E-05			
9	216.00	3.39E+02	4.38E+02	8.72E+03	9.55E+01	-1.08E+02	-9.95E+01	9.96E+01	-9.17E+01	45.15	3.39E+02	9.55E+01
	-303.00	4.19E-07	8.69E-07	-7.26E-07	8.69E-05	-9.84E-07	-9.05E-05	4.41E-05	-4.28E-05			
10	216.00	6.06E+02	4.86E+02	-2.53E+02	8.45E+01	-3.42E+02	-8.92E+01	8.59E+01	-7.96E+01	44.80	6.06E+02	8.45E+01
	-213.00	1.66E-06	1.12E-06	-2.24E-06	7.68E-05	-3.11E-06	-8.11E-05	3.98E-05	-3.70E-05			
11	216.00	1.34E+01	4.32E+02	-1.34E+01	6.73E+01	-1.04E+01	-7.29E+01	7.63E+01	-5.86E+01	43.06	1.34E+01	6.73E+01
	-138.00	2.83E-06	7.55E-07	-3.28E-06	3.06E-05	-4.72E-06	-3.32E-05	1.71E-05	-1.35E-05			
12	168.00	3.12E+01	2.61E+01	1.50E+01	1.06E+00	-1.78E+01	-1.13E+00	1.35E+00	-7.75E+01	44.31	3.12E+01	1.06E+00
	-68.00	4.05E-06	2.08E-06	-2.16E-06	8.16E-05	-1.37E-05	-8.66E-05	4.39E-05	-3.78E-05			
13	216.00	-2.08E+01	-1.27E+01	-3.66E+01	4.19E+01	-4.72E+02	-4.09E+01	2.15E+01	-6.40E+01	50.75	-1.27E+01	-4.19E+01
	-88.00	-2.76E-06	3.80E-06	-5.39E-06	3.22E-05	-3.63E-06	-3.15E-05	1.70E-05	-1.59E-05			
14	264.00	-1.60E+02	-1.04E+01	-2.08E+01	9.00E+01	1.31E+02	-9.06E+01	8.42E+01	-9.61E+01	43.61	8.18E+01	-2.05E+01
	-68.00	2.99E-06	-3.82E-07	-4.41E-06	6.93E-05	1.01E-06	-6.97E-05	3.60E-05	-3.34E-05			
15	180.00	1.01E+01	2.01E+02	-7.93E+02	4.75E+01	-1.20E+01	-4.58E+01	5.37E+01	-4.16E+01	42.58	1.01E+01	4.75E+01
	-19.00	3.41E-06	3.18E-07	-3.50E-06	3.65E-05	-9.20E-06	-3.52E-05	2.02E-05	-1.65E-05			
16	252.00	4.32E+02	-3.85E+02	-1.63E+01	4.04E+01	-4.96E+02	-4.81E+01	4.09E+01	-4.04E+01	42.12	4.32E+02	4.04E+01
	-19.00	3.40E-06	2.61E-07	-4.54E-06	3.11E-05	-3.81E-06	-3.70E-05	1.75E-05	-1.38E-05			
17	361.00	3.67E+02	5.80E+02	6.29E+03	9.71E+01	-1.08E+02	-1.06E+00	1.02E+00	-9.24E+01	45.31	3.67E+02	9.71E+01
	-303.00	3.58E-07	1.32E-06	-1.03E-06	8.83E-05	-9.79E-07	-9.65E-05	4.50E-05	-4.33E-05			
18	361.00	6.95E+02	5.74E+02	-4.05E+02	8.90E+01	-3.80E+02	-9.68E+01	9.53E+01	-8.26E+01	44.80	6.95E+02	8.90E+01
	-213.00	2.04E-06	1.49E-06	-2.96E-06	8.09E-05	-3.45E-06	-8.80E-05	4.22E-05	-3.87E-05			
19	361.00	1.49E+01	4.57E+02	-1.89E+01	7.07E+01	-1.23E+01	-8.23E+01	8.07E+01	-6.12E+01	42.91	1.49E+01	7.07E+01
	-138.00	3.36E-06	1.01E-06	-4.32E-06	3.21E-05	-5.59E-06	-3.74E-05	1.93E-05	-1.39E-05			
20	312.00	[illegible].37E+01	3.74E+01	2.29E+01	1.15E+00	-3.06E+01	-[illegible]E+00	1.64E+00	-7.32E+01	43.04	5.37E+01	1.18E[illegible]
	-68.00	[illegible]12E-06	1.87E-06	-3.73E-06	9.11E-05	-2.36E-05	-[illegible]E-04	5.07E-05	-4.07E-05			
21	36[illegible]	[illegible].71E-01	-2.59E-01	-5.22E-01	5.36E-01	-4.21E-0[illegible]	[illegible]E-01	1.81E-01	-9.11E-01	50.59	-2.59E-01	-5.[illegible]

	-88.0[illegible]	[illegible].35E-06	3.79E-06	-5.32E-05	4.12E-05	-3.24E-06	[illegible]E-05		2.07E-05	-2.13E-05				
22	409.3[illegible]	2.42E-01	3.50E-01	3.42E-02	1.12E+00	-2.10E-02	[illegible]E+00		1.42E+00	-8.29E-01	46.38	1.41E+00	-1.79E[illegible]	
	-68.00	2.42E-06	6.50E-06	-5.57E-06	9.64E-05	-1.62E-06	-1.09E-04		4.78E-05	-3.86E-05				
23	324.00	1.06E-01	2.89E-02	-1.23E-01	4.75E-01	-2.14E-01	-4.80E-01		5.94E-01	-3.70E-01	40.02	1.96E-01	4.75E-01	
	-19.00	6.41E-06	-3.20E-09	-5.85E-06	3.65E-05	-1.65E-05	-3.69E-05		2.17E-05	-1.53E-05				
24	372.00	1.32E-01	-4.60E-02	-2.08E-01	1.28E+00	-2.00E-01	-1.35E+00		1.33E+00	-1.24E+00	43.02	1.32E-01	1.28E+00	
	-9.33	6.41E-06	-4.25E-07	-6.66E-06	9.86E-05	-1.54E-05	-1.04E-04		5.24E-05	-4.64E-05				
25	401.25	2.83E-02	-3.37E-02	-2.67E-01	4.14E-01	-7.80E-02	-5.49E-01		4.13E-01	-4.18E-01	42.86	-3.60E-01	2.12E-01	
	-19.00	4.08E-06	1.70E-06	-7.27E-06	3.19E-05	-6.00E-06	-4.22E-05		1.89E-05	-1.31E-05				
26	427.67	5.53E-01	5.11E-01	1.85E-01	1.40E+00	-2.65E-01	-1.89E+00		1.93E+00	-8.69E-01	44.58	1.38E+00	1.12E+00	
	-9.33	7.53E-06	5.95E-06	-6.62E-06	1.08E-04	-2.03E-05	-1.45E-04		6.06E-05	-4.72E-05				
27	457.00	3.54E-02	8.09E-02	1.42E-02	9.85E-01	-2.64E-03	-1.11E+00		1.05E+00	-9.24E-01	45.78	3.54E-02	9.85E-01	
	-303.00	-1.89E-07	2.24E-06	-1.15E-06	8.96E-05	-2.40E-07	-1.00E-04		4.58E-05	-4.38E-05				
28	457.00	5.86E-02	5.51E-02	-5.55E-02	9.39E-01	-3.77E-02	-1.03E+00		9.96E-01	-8.82E-01	44.95	5.86E-02	9.39E-01	
	-213.00	1.91E-06	1.75E-06	-3.28E-06	8.53E-05	-3.42E-06	-9.40E-05		4.45E-05	-4.08E-05				
29	457.00	2.52E-01	9.53E-02	-1.59E-01	7.33E-01	-4.16E-02	-8.12E-01		9.06E-01	-5.70E-01	41.76	2.52E-01	7.33E-01	
	-138.00	4.78E-06	1.00E-06	-4.54E-06	3.33E-05	-1.89E-06	-3.69E-05		1.97E-05	-1.39E-05				
30	442.00	2.19E-01	5.26E-01	1.10E-01	1.32E+00	-2.11E-03	-1.56E+00		1.70E+00	-9.53E-01	48.33	2.19E-01	1.32E+00	
	-68.00	-9.88E-07	1.08E-05	-5.16E-06	1.01E-04	-1.62E-07	-1.20E-04		5.59E-05	-4.60E-05				
31	457.33	-1.56E+00	-7.60E-01	-1.10E+00	4.51E-01	6.73E-01	-7.94E-01		-5.58E-01	-1.76E+00	65.77	-7.60E-01	-4.51E-01	
	-88.00	-2.24E-05	8.30E-06	-4.67E-06	3.47E-05	5.18E-05	-6.11E-05		1.61E-05	-3.02E-05				
32	472.67	2.50E+00	2.01E+00	1.64E+00	1.14E+00	-4.69E-01	-1.94E+00		3.43E+00	1.05E+00	38.96	3.18E+00	7.15E-01	
	-68.00	2.86E-05	9.74E-06	-4.52E-06	8.80E-05	-3.61E-05	-1.49E-04		6.42E-05	-2.59E-05				
33	443.00	1.96E-01	1.29E-01	-1.46E-01	6.73E-01	-1.14E-01	-7.24E-01		8.37E-01	-5.12E-01	43.57	1.96E-01	6.73E-01	
	-19.50	5.57E-06	2.99E-06	-7.57E-06	5.18E-05	-8.75E-06	-5.65E-05		3.02E-05	-2.17E-05				
34	454.00	2.04E+00	1.53E+00	1.19E+00	1.76E+00	-5.41E-01	-2.37E+00		3.56E+00	1.09E-02	40.84	2.74E+00	1.50E+00	
	-11.33	2.62E-05	6.48E-06	-6.57E-06	1.35E-04	-4.16E-05	-1.82E-04		8.46E-05	-5.19E-05				
35	461.67	4.40E-01	5.70E-01	1.69E-01	1.67E+00	-1.44E-01	-2.47E+00		2.18E+00	-1.17E+00	46.11	4.40E-01	1.67E+00	
	-12.00	3.97E-06	8.97E-06	-6.46E-06	1.28E-04	-1.11E-05	-1.90E-04		7.07E-05	-5.78E-05				
36	469.00	-1.30E+00	-5.34E-01	-9.87E-01	1.44E-01	5.82E-01	-9.62E-01		-5.06E-01	-1.33E+00	79.71	-5.34E-01	-1.44E-01	
	-30.00	-1.91E-05	1.05E-05	-6.92E-06	1.11E-05	4.48E-05	-7.40E-05		1.15E-05	-2.01E-05				
37	476.33	8.98E-01	1.26E+00	6.13E-01	1.14E+00	-1.54E-01	-2.01E+00		2.23E+00	-7.34E-02	49.48	1.36E+00	1.12E+00	
	-12.00	4.11E-06	1.79E-05	-6.81E-06	8.74E-05	-1.19E-05	-1.54E-04		5.52E-05	-3.32E-05				
38	558.50	-9.72E-02	-6.69E-02	-9.78E-02	9.38E-01	1.98E-02	-1.10E+00		8.57E-01	-1.02E+00	45.46	-9.72E-02	9.38E-01	
	-303.00	-1.02E-06	3.60E-07	-1.04E-06	8.53E-05	1.80E-06	-9.97E-05		4.23E-05	-4.30E-05				
39	558.50	-9.02E-03	7.50E-02	-6.27E-02	9.42E-01	3.58E-02	-1.08E+00		9.76E-01	-9.10E-01	46.28	-9.02E-03	9.42E-01	
	-213.00	-4.52E-07	3.37E-06	-2.89E-06	8.56E-05	3.25E-06	-9.77E-05		4.43E-05	-4.14E-05				
40	506.17	2.43E-02	2.43E-01	-1.56E-01	2.15E+00	-1.19E-02	-2.32E+00		2.29E+00	-2.02E+00	46.46	2.43E-02	2.15E+00	
	-128.00	-3.39E-08	4.95E-06	-4.13E-06	9.78E-05	-5.41E-07	-1.05E-04		5.14E-05	-4.65E-05				
41	558.50	-5.57E-01	1.64E-01	-3.27E-01	8.85E-01	3.55E-01	-1.23E+00		7.59E-01	-1.15E+00	56.09	1.64E-01	-8.85E-01	
	-148.00	-8.88E-06	7.50E-06	-3.65E-06	4.02E-05	1.61E-05	-5.58E-05		2.10E-05	-2.24E-05				
42	610.83	5.67E-02	2.68E-01	-9.37E-02	1.84E+00	3.11E-01	-1.82E+00		2.01E+00	-1.68E+00	46.64	1.97E+00	-3.82E-01	
	-128.00	7.90E-08	4.97E-06	-3.34E-06	8.37E-05	1.41E-05	-8.28E-05		4.44E-05	-3.95E-05				
43	501.38	-1.95E-01	-1.10E-01	-3.21E-01	4.89E-01	1.12E-01	-6.41E-01		3.38E-01	-6.43E-01	47.49	-1.95E-01	4.89E-01	
	-78.00	-6.14E-07	2.66E-06	-5.48E-06	3.76E-05	8.62E-06	-4.93E-05		1.99E-05	-1.78E-05				
44	534.67	2.42E-01	2.35E-01	2.04E-02	1.52E+00	5.73E-02	-1.81E+00		1.76E+00	-1.28E+00	44.94	1.74E+00	-2.67E-01	
	-68.00	3.83E-06	3.59E-06	-4.68E-06	1.17E-04	4.41E-06	-1.39E-04		6.22E-05	-5.48E-05				
45	584.67	-3.17E-01	-1.67E-01	-3.49E-01	1.50E+00	2.87E-01	-1.51E+00		1.26E+00	-1.75E+00	46.43	-3.17E-01	1.50E+00	
	-68.00	-3.03E-06	2.74E-06	-4.28E-06	1.16E-04	2.21E-05	-1.16E-04		5.77E-05	-5.80E-05				
46	610.83	-1.52E+00	-4.20E-01	-9.74E-01	7.91E-01	6.82E-01	-1.15E+00		-6.43E-03	-1.93E+00	62.39	-4.20E-01	-7.91E-01	
	-88.00	-2.75E-05	1.48E-05	-2.70E-06	6.09E-05	5.25E-05	-6.83E-05		3.07E-05	-4.34E-05				
47	482.63	-1.20E-01	-1.74E-02	-3.40E-01	3.63E-01	1.65E-01	-7.24E-01		2.98E-01	-4.36E-01	49.03	-1.20E-01	3.63E-01	
	-21.00	6.18E-07	4.58E-06	-7.82E-06	2.80E-05	1.27E-05	-5.57E-05		1.67E-05	-1.15E-05				
48	485.83	3.40E-01	5.56E-01	1.30E-01	1.09E+00	2.26E-02	-2.23E+00		1.54E+00	-6.32E-01	47.74	4.89E-01	1.08E+00	
	-12.00	2.05E-06	1.00E-05	-6.39E-06	8.30E-05	1.74E-06	-1.71E-04		4.78E-05	-3.57E-05				
49	507.88	-7.64E-02	-1.28E-01	-3.47E-01	3.97E-01	7.14E-02	-7.73E-01		2.96E-01	-5.00E-01	43.15	-7.64E-02	3.97E-01	
	-21.00	3.12E-06	1.14E-06	-7.29E-06	3.06E-05	5.49E-06	-5.95E-05		1.74E-05	-1.32E-05				
50	538.67	2.11E-01	1.13E-01	-6.31E-02	1.39E+00	4.32E-01	-1.64E+00		1.55E+00	-1.22E+00	43.99	1.54E+00	-1.83E-01	
	-10.00	5.24E-06	1.48E-06	-5.29E-06	1.07E-04	3.33E-05	-1.26E-04		5.67E-05	-5.00E-05				
51	484.67	-4.64E+00	-3.24E+00	-3.48E+00	-1.20E-01	3.24E-01	-2.46E-01		-3.23E+00	-4.65E+00	-85.13	-3.24E+00	1.20E-01	
	8.00	-5.36E-05	2.49E-07	-9.10E-06	-9.25E-06	2.49E-05	-1.90E-05		6.44E-07	-5.40E-05				
52	507.00	1.09E+00	1.35E+00	6.92E-01	7.55E-01	1.92E-01	4.55E-01		1.98E+00	4.53E-01	49.84	1.81E+00	4.84E-01	
	9.00	7.52E-06	1.74E-05	-7.76E-06	5.81E-05	1.47E-05	3.50E-05		4.19E-05	-1.70E-05				
53	603.00	-1.30E-02	-6.74E-02	-1.57E-01	5.92E-01	1.70E-01	-5.66E-01		5.53E-01	-6.33E-01	43.69	-3.88E-01	4.80E-01	

	-18.00	2.10E-06	1.15E-06	-3.42E-06	4.56E-05	1.31E-05	-4.36E-05	2.39E-05	-2.18E-05				
54	712.00	-1.21E-01	6.93E-02	-6.14E-02	9.07E-01	6.41E-02	-5.88E-01	8.52E-01	-9.66E-01	47.03	-1.21E-01	9.07E-01	
	-303.00	-3.18E-06	2.65E-06	-6.36E-07	8.24E-05	5.63E-06	-8.98E-05	4.11E-05	-4.16E-05				
55	712.00	-5.14E-01	-3.26E-01	-3.76E-01	1.00E+00	1.95E-01	-9.81E-01	5.85E-01	-1.43E+00	47.66	-5.14E-01	1.00E+00	
	-213.00	-7.55E-06	9.57E-07	-1.31E-06	9.14E-05	1.81E-05	-8.92E-05	4.26E-05	-4.92E-05				
56	712.00	-5.89E-01	-3.89E-01	-3.72E-01	7.76E-01	4.22E-01	-6.04E-01	2.94E-01	-1.27E+00	48.68	-5.89E-01	7.76E-01	
	-138.00	-6.30E-06	-1.75E-06	-1.38E-06	3.53E-05	1.92E-05	-3.65E-05	1.38E-05	-2.16E-05				
57	712.00	-1.99E-01	-7.54E-02	-1.64E-01	4.81E-01	1.61E-01	-5.34E-01	3.47E-01	-6.22E-01	48.68	-1.99E-01	4.81E-01	
	-78.00	-2.84E-06	1.93E-06	-1.50E-06	3.70E-05	1.24E-05	-4.11E-05	1.82E-05	-1.91E-05				
58	712.00	-2.47E-01	-2.02E-01	-2.40E-01	6.58E-01	1.29E-01	-7.23E-01	4.34E-01	-8.84E-01	45.98	-2.47E-01	6.58E-01	
	-18.00	-1.94E-06	-2.01E-07	-1.65E-06	5.06E-05	9.93E-06	-5.56E-05	2.43E-05	-2.64E-05				
59	837.00	-2.62E+00	-1.48E+00	-1.64E+00	7.69E-01	5.35E-01	-6.91E-01	-1.09E+00	-3.01E+00	63.31	-1.48E+00	-7.69E-01	
	-318.00	-4.46E-05	7.35E-06	.00E+00	6.99E-05	4.86E-05	-8.10E-05	2.49E-05	-6.22E-05				
60	887.00	-3.87E-01	-9.79E-02	-1.94E-01	2.07E+00	1.65E-01	-2.12E+00	1.83E+00	-2.32E+00	47.00	1.65E+00	-8.47E-01	
	-288.00	-8.79E-06	4.38E-06	.00E+00	1.88E-04	1.50E-05	-1.93E-04	9.22E-05	-9.66E-05				
61	987.00	4.42E-01	2.46E-01	2.75E-01	2.13E+00	-1.66E-01	-2.12E+00	2.47E+00	-1.79E+00	43.68	4.42E-01	2.13E+00	
	-288.00	7.58E-06	-1.32E-06	.00E+00	1.93E-04	-1.51E-05	-1.93E-04	1.00E-04	-9.37E-05				
62	1037.00	-2.72E+00	-1.69E+00	-1.76E+00	1.58E+00	5.36E-01	-1.79E+00	-5.43E-01	-3.86E+00	54.01	-1.69E+00	-1.58E+00	
	-318.00	-4.34E-05	3.31E-06	.00E+00	1.44E-04	4.87E-05	-1.62E-04	5.55E-05	-9.55E-05				
63	862.00	-9.31E-02	-9.04E-02	-8.06E-02	1.05E+00	1.70E-02	-1.11E+00	9.61E-01	-1.14E+00	45.04	-9.31E-02	1.05E+00	
	-213.00	-8.01E-07	-6.80E-07	-2.34E-07	9.57E-05	1.55E-06	-1.01E-04	4.71E-05	-4.86E-05				
64	1012.00	9.64E-02	2.70E-02	3.49E-02	1.15E+00	-6.63E-02	-1.20E+00	1.21E+00	-1.09E+00	44.14	9.64E-02	1.15E+00	
	-213.00	2.33E-06	-8.27E-07	-4.71E-07	1.04E-04	-6.03E-06	-1.09E-04	5.30E-05	-5.15E-05				
65	837.00	2.48E-01	-1.25E-01	-7.87E-03	7.87E-01	-3.64E-01	-1.09E+00	8.70E-01	-7.47E-01	38.34	-1.25E-01	-7.87E-01	
	-148.00	5.03E-06	-3.44E-06	-7.83E-07	3.58E-05	-1.65E-05	-4.96E-05	1.92E-05	-1.76E-05				
66	937.00	-7.99E-02	-9.55E-02	-8.96E-02	1.44E+00	-1.49E-02	-1.46E+00	1.36E+00	-1.52E+00	44.94	9.09E-01	-1.05E+00	
	-128.00	-4.78E-07	-6.06E-07	-6.99E-07	6.55E-05	-6.79E-07	-6.62E-05	3.22E-05	-3.33E-05				
67	1037.00	-1.21E+00	-2.73E-01	-4.88E-01	1.34E+00	3.78E-01	-1.46E+00	6.82E-01	-2.17E+00	54.60	-2.73E-01	-1.34E+00	
	-148.00	-1.72E-05	4.13E-06	-7.54E-07	6.11E-05	1.72E-05	-6.64E-05	2.59E-05	-3.89E-05				
68	837.00	-3.02E-01	-3.44E-01	-2.74E-01	1.57E+00	1.18E-02	-1.72E+00	1.24E+00	-1.89E+00	44.61	-3.02E-01	1.57E+00	
	-68.00	-1.49E-06	-3.12E-06	-4.42E-07	1.20E-04	9.09E-07	-1.33E-04	5.79E-05	-6.25E-05				
69	937.00	-4.44E-01	-5.73E-02	-2.37E-01	7.45E-01	7.19E-02	-7.10E-01	5.19E-01	-1.02E+00	52.28	-5.73E-02	-7.45E-01	
	-88.00	-8.97E-06	5.91E-06	-9.89E-07	5.73E-05	5.53E-06	-5.46E-05	2.81E-05	-3.11E-05				
70	1037.00	-2.47E-01	-8.92E-02	-1.67E-01	1.28E+00	4.27E-02	-1.27E+00	1.11E+00	-1.45E+00	46.76	7.72E-01	-8.73E-01	
	-68.00	-3.94E-06	2.09E-06	-8.94E-07	9.85E-05	3.28E-06	-9.74E-05	4.84E-05	-5.03E-05				
71	862.00	-2.94E-01	-2.29E-01	-2.39E-01	6.38E-01	4.79E-02	-6.75E-01	3.77E-01	-9.00E-01	46.46	-2.94E-01	6.38E-01	
	-18.00	-2.94E-06	-4.32E-07	-8.19E-07	4.91E-05	3.68E-06	-5.19E-05	2.29E-05	-2.62E-05				
72	1012.00	-1.17E-03	4.42E-02	-1.14E-02	7.00E-01	6.75E-04	-6.97E-01	7.22E-01	-6.79E-01	45.93	-1.17E-03	7.00E-01	
	-18.00	-3.93E-07	1.35E-06	-7.87E-07	5.39E-05	5.20E-08	-5.37E-05	2.74E-05	-2.65E-05				
73	1387.00	1.21E-01	1.07E-01	8.23E-02	9.02E-01	-1.30E-02	-1.00E+00	1.02E+00	-7.88E-01	44.77	1.21E-01	9.02E-01	
	-303.00	1.47E-06	8.27E-07	-2.86E-07	8.20E-05	-1.18E-06	-9.10E-05	4.21E-05	-3.98E-05				
74	1387.00	-1.32E-02	-8.16E-02	-5.74E-02	9.34E-01	-1.15E-02	-9.55E-01	8.87E-01	-9.82E-01	43.95	-1.32E-02	9.34E-01	
	-213.00	1.38E-06	-1.73E-06	-6.34E-07	8.49E-05	-1.04E-06	-8.68E-05	4.23E-05	-4.27E-05				
75	1387.00	-1.12E-02	-3.47E-03	-4.44E-02	6.82E-01	5.67E-03	-6.81E-01	6.74E-01	-6.89E-01	45.16	-1.12E-02	6.82E-01	
	-138.00	5.55E-08	2.31E-07	-7.00E-07	3.10E-05	2.58E-07	-3.09E-05	1.56E-05	-1.53E-05				
76	1187.00	-1.05E-01	-8.85E-02	-1.06E-01	1.14E+00	1.67E-02	-1.16E+00	1.04E+00	-1.23E+00	45.21	-1.05E-01	1.14E+00	
	-68.00	-7.45E-07	-1.17E-07	-7.81E-07	8.73E-05	1.29E-06	-8.89E-05	4.32E-05	-4.41E-05				
77	1387.00	-2.16E-01	-1.91E-01	-1.90E-01	4.64E-01	2.76E-02	-4.54E-01	2.60E-01	-6.68E-01	45.76	-1.91E-01	-4.64E-01	
	-88.00	-1.74E-06	-7.94E-07	-7.42E-07	3.57E-05	2.13E-06	-3.49E-05	1.66E-05	-1.91E-05				
78	1587.00	-2.05E-01	-1.71E-01	-1.74E-01	6.76E-01	4.22E-02	-5.70E-01	4.88E-01	-8.64E-01	45.73	8.75E-02	-6.17E-01	
	-68.00	-1.85E-06	-5.29E-07	-6.49E-07	5.20E-05	3.24E-06	-4.38E-05	2.48E-05	-2.72E-05				
79	1237.00	-3.41E-01	-1.55E-01	-2.24E-01	5.41E-01	7.66E-02	-4.95E-01	3.01E-01	-7.97E-01	49.86	-3.41E-01	5.41E-01	
	-18.00	-5.19E-06	1.94E-06	-7.14E-07	4.16E-05	5.89E-06	-3.81E-05	1.95E-05	-2.27E-05				
80	1433.80	-2.12E-01	-6.65E-03	-1.13E-01	6.34E-01	8.56E-02	-3.98E-01	5.32E-01	-7.51E-01	49.60	-2.12E-01	6.34E-01	
	-8.00	-4.51E-06	3.39E-06	-7.10E-07	4.87E-05	6.58E-06	-3.06E-05	2.41E-05	-2.52E-05				
81	1533.80	-3.64E-01	-5.98E-02	-1.89E-01	3.30E-01	1.11E-01	-2.57E-01	1.51E-01	-5.75E-01	57.40	-5.98E-02	-3.30E-01	
	-28.00	-7.28E-06	4.43E-06	-5.18E-07	2.54E-05	8.51E-06	-1.98E-05	1.25E-05	-1.54E-05				
82	1633.80	-4.59E-01	-1.84E-01	-2.75E-01	1.63E-01	8.69E-02	-1.18E-01	-1.08E-01	-5.34E-01	65.04	-1.11E-01	-3.23E-02	
	-8.00	-7.55E-06	3.00E-06	-4.86E-07	1.25E-05	6.68E-06	-9.11E-06	5.91E-06	-1.05E-05				
83	1433.80	-1.38E+00	-5.51E-01	-8.01E-01	3.78E-01	3.17E-01	-2.52E-01	-6.39E-01	-1.53E+00	68.06	-5.91E-01	-3.78E-01	
	27.60	-2.25E-05	7.70E-06	-3.90E-07	2.91E-05	2.44E-05	-1.94E-05	1.35E-05	-2.84E-05				
84	1296.10	[illegible]5E-01	-7.49E-02	-2.44E-01	3.96E-01	1.21E-01	-2[illegible]01	1.60E-01	-7.40E-01	59.27	-3.18E-01	-4.49E-0[illegible]	
	40.70	[illegible]4E-05	6.17E-06	-3.18E-07	3.04E-05	9.30E-06	-1[illegible]05	1.52E-05	-1.94E-05				
85	1140	[illegible]0E-01	1.21E-01	-7.35E-02	6.19E-01	1.70E-01	[illegible]01	5.85E-01	-7.04E-01	53.12	4.88E-01	3.	

	57.33	[illegible]11E-05	4.74E-06	-7.09E-07	4.76E-05	1.31E-05	[illegible]-05	2.46E-05	-2.50E-05				
86	1131.40	[illegible]74E+00	-9.63E-01	-1.04E+00	2.11E-01	5.14E-01	[illegible]-01	-8.35E-01	-1.79E+00	76.40	-8.88E-01	-2.18E-	
	112.00	-2.65E-05	6.11E-06	2.69E-07	1.68E-05	3.96E-05	[illegible]-06	8.14E-06	-2.85E-05				
87	1010.80	-4.90E-01	-2.07E-01	-3.44E-01	5.61E-01	1.05E-01	-6.78E-01	1.74E-01	-9.61E-01	49.39	-3.07E-01	-5.61E-01	
	34.67	-6.04E-06	6.29E-07	-7.99E-07	4.32E-05	8.06E-06	-5.21E-05	1.91E-05	-2.45E-05				
88	886.60	-3.05E-01	-1.62E-01	-2.25E-01	5.07E-01	6.35E-02	-5.68E-01	2.79E-01	-7.46E-01	48.99	-3.05E-01	5.07E-01	
	46.00	-4.12E-06	1.35E-06	-1.04E-06	3.90E-05	4.85E-06	-4.37E-05	1.83E-05	-2.11E-05				
89	869.80	-1.11E+00	-5.20E-01	-7.07E-01	3.18E-01	2.02E-01	-3.97E-01	-3.90E-01	-1.25E+00	66.24	-5.30E-01	-3.18E-01	
	96.00	-1.70E-05	5.43E-06	-1.38E-06	2.45E-05	1.55E-05	-3.06E-05	1.08E-05	-2.23E-05				
90	952.60	-2.87E-01	4.93E-01	3.62E-02	6.80E-01	1.85E-01	-5.12E-01	8.97E-01	-6.82E-01	59.92	7.18E-01	-4.86E-01	
	128.00	-1.37E-05	1.63E-05	-1.26E-06	5.23E-05	1.42E-05	-3.93E-05	3.15E-05	-2.85E-05				
91	869.80	-3.24E-01	2.75E-02	-1.64E-01	3.70E-01	1.47E-01	-2.75E-01	2.61E-01	-5.57E-01	57.71	-3.24E-01	3.70E-01	
	160.00	-7.40E-06	6.11E-06	-1.24E-06	2.84E-05	1.13E-05	-2.12E-05	1.51E-05	-1.64E-05				
92	869.80	-1.64E+00	-6.08E-01	-9.19E-01	2.05E-01	4.67E-01	-2.11E-01	-5.69E-01	-1.67E+00	79.12	-6.08E-01	-2.05E-01	
	203.60	-2.81E-05	1.14E-05	-6.03E-07	1.58E-05	3.59E-05	-1.63E-05	1.29E-05	-2.97E-05				
93	500.67	1.59E-01	-8.36E-02	-6.78E-02	1.04E+00	2.64E-01	-1.09E+00	1.08E+00	-1.01E+00	41.67	-8.36E-02	-1.04E+00	
	16.00	6.04E-06	-3.30E-06	-2.70E-06	8.00E-05	2.03E-05	-8.37E-05	4.16E-05	-3.85E-05				
94	645.75	-1.80E-01	-1.48E-01	-2.17E-01	6.67E-01	1.28E-01	-5.95E-01	5.03E-01	-8.31E-01	45.70	-1.80E-01	6.67E-01	
	24.00	-9.43E-07	3.10E-07	-2.37E-06	5.13E-05	9.87E-06	-4.57E-05	2.53E-05	-2.60E-05				
95	613.10	-7.56E-02	-1.56E-01	-1.89E-01	1.17E+00	3.90E-02	-5.79E-01	1.06E+00	-1.29E+00	44.02	-7.56E-02	1.17E+00	
	89.33	1.71E-06	-1.37E-06	-2.64E-06	9.01E-05	3.00E-06	-4.46E-05	4.53E-05	-4.49E-05				
96	708.45	-3.27E-01	-1.05E-01	-2.29E-01	5.26E-01	1.24E-01	-5.23E-01	3.21E-01	-7.53E-01	50.97	-4.28E-01	-4.94E-01	
	56.00	-5.33E-06	3.23E-06	-1.54E-06	4.04E-05	9.57E-06	-4.02E-05	1.96E-05	-2.17E-05				
97	613.10	-7.92E-01	-4.15E-01	-5.61E-01	4.02E-01	1.59E-01	-2.74E-01	-1.60E-01	-1.05E+00	57.57	-4.15E-01	-4.02E-01	
	96.00	-1.13E-05	3.24E-06	-1.60E-06	3.09E-05	1.22E-05	-2.11E-05	1.31E-05	-2.11E-05				
98	682.27	-2.97E-01	-1.08E-01	-2.14E-01	7.94E-01	4.23E-02	-6.73E-01	5.97E-01	-1.00E+00	48.38	4.73E-01	-4.27E-01	
	112.00	-4.61E-06	2.64E-06	-1.43E-06	6.11E-05	3.25E-06	-5.18E-05	2.98E-05	-3.17E-05				
99	751.43	-1.15E+00	4.45E-02	-4.87E-01	7.85E-01	3.99E-01	-1.02E+00	4.34E-01	-1.54E+00	63.64	4.45E-02	-7.85E-01	
	96.00	-2.68E-05	1.92E-05	-1.22E-06	6.04E-05	3.07E-05	-7.87E-05	3.42E-05	-4.17E-05				
100	683.25	-3.34E-01	-1.62E-01	-2.37E-01	2.72E-01	2.61E-02	-2.78E-01	3.71E-02	-5.32E-01	53.79	-3.34E-01	2.72E-01	
	152.00	-4.79E-06	1.83E-06	-1.07E-06	2.09E-05	2.01E-06	-2.14E-05	9.48E-06	-1.24E-05				
101	648.67	-1.44E+00	-7.59E-01	-9.44E-01	2.30E-01	8.86E-02	-2.81E-01	-6.88E-01	-1.51E+00	72.90	-7.59E-01	-2.30E-01	
	192.00	-2.07E-05	5.31E-06	-1.82E-06	1.77E-05	6.81E-06	-2.16E-05	8.03E-06	-2.35E-05				
102	725.25	-2.79E-01	5.89E-02	-1.19E-01	2.58E-01	8.52E-03	-1.65E-01	1.99E-01	-4.15E-01	61.60	-1.03E-01	-3.09E-01	
	232.70	-7.01E-06	6.00E-06	-8.52E-07	1.99E-05	6.56E-07	-1.27E-05	1.14E-05	-1.24E-05				
103	635.50	-1.38E-01	-5.17E-02	-7.32E-02	6.10E-02	-3.66E-03	-1.66E-01	-2.02E-02	-1.70E-01	62.68	-1.38E-01	6.10E-02	
	256.00	-2.43E-06	9.03E-07	7.62E-08	4.69E-06	-2.81E-07	-1.28E-05	2.11E-06	-3.64E-06				
104	635.50	-6.43E-01	-4.10E-01	-4.41E-01	3.92E-02	-2.61E-03	-2.01E-02	-4.03E-01	-6.49E-01	80.71	-4.10E-01	-3.92E-02	
	290.67	-8.32E-06	6.58E-07	-5.44E-07	3.02E-06	-2.01E-07	-1.55E-06	9.04E-07	-8.57E-06				
105	569.00	5.77E-02	-1.27E-01	-1.74E-01	1.07E+00	2.51E-01	-9.54E-01	1.04E+00	-1.11E+00	42.53	5.77E-02	1.07E+00	
	16.50	4.89E-06	-2.21E-06	-4.02E-06	8.22E-05	1.93E-05	-7.34E-05	4.26E-05	-3.99E-05				
106	508.50	1.99E+00	1.28E+00	1.12E+00	7.53E-01	5.69E-01	-3.19E-01	2.47E+00	8.04E-01	32.34	1.28E+00	-7.53E-01	
	13.00	2.83E-05	9.21E-07	-5.07E-06	5.79E-05	4.38E-05	-2.45E-05	4.67E-05	-1.74E-05				
107	521.00	5.14E-01	2.34E-01	6.87E-02	1.03E+00	2.23E-01	-5.71E-01	1.41E+00	-6.65E-01	41.14	5.14E-01	1.03E+00	
	15.75	1.08E-05	3.51E-08	-6.33E-06	7.92E-05	1.71E-05	-4.40E-05	4.54E-05	-3.46E-05				
108	526.25	4.27E-01	1.77E-01	3.49E-02	1.14E+00	1.80E-01	-5.86E-01	1.45E+00	-8.46E-01	41.88	4.27E-01	1.14E+00	
	21.00	9.39E-06	-2.12E-07	-5.68E-06	8.79E-05	1.38E-05	-4.50E-05	4.88E-05	-3.96E-05				
109	515.50	1.22E+00	7.67E-01	6.52E-01	1.40E+00	3.33E-01	-3.24E-01	2.41E+00	-4.19E-01	40.38	7.67E-01	-1.40E+00	
	26.00	1.80E-05	4.95E-07	-3.94E-06	1.07E-04	2.56E-05	-2.50E-05	6.36E-05	-4.51E-05				
110	531.50	1.13E-01	5.49E-02	-8.82E-02	9.23E-01	1.15E-01	-4.80E-01	1.01E+00	-8.40E-01	44.10	1.13E-01	9.23E-01	
	34.50	3.47E-06	1.23E-06	-4.27E-06	7.10E-05	8.85E-06	-3.69E-05	3.79E-05	-3.32E-05				
111	515.50	-6.31E-01	-9.63E-01	-8.13E-01	2.73E+00	7.44E-02	-6.09E-01	1.93E+00	-3.53E+00	43.26	-6.31E-01	2.73E+00	
	44.00	2.18E-06	-1.06E-05	-4.82E-06	2.10E-04	5.73E-06	-4.68E-05	1.01E-04	-1.09E-04				
112	515.50	-3.22E-01	-2.32E-01	-3.36E-01	6.28E-01	1.16E-01	-2.55E-01	3.53E-01	-9.07E-01	47.04	-2.32E-01	-6.28E-01	
	53.33	-2.60E-06	8.56E-07	-3.15E-06	4.83E-05	8.52E-06	-1.96E-05	2.34E-05	-2.51E-05				
113	547.50	-5.92E-01	-1.32E-01	-3.97E-01	9.67E-01	1.16E-01	-5.57E-01	6.32E-01	-1.36E+00	51.68	1.69E-01	-8.41E-01	
	64.00	-1.04E-05	7.24E-06	-2.96E-06	7.44E-05	8.91E-06	-4.26E-05	3.66E-05	-3.96E-05				
114	515.50	-8.71E-01	-9.95E-01	-8.40E-01	1.14E+00	5.62E-02	-5.25E-01	2.12E-01	-2.08E+00	43.44	-8.71E-01	1.14E+00	
	74.67	-3.75E-06	-8.53E-06	-2.59E-06	8.80E-05	4.32E-06	-4.04E-05	3.79E-05	-5.02E-05				
115	515.50	-1.67E+00	-1.08E+00	-1.18E+00	4.01E-01	1.51E-01	-2.32E-01	-8.79E-01	-1.87E+00	63.14	-1.08E+00	-4.01E-01	
	88.00	-2.10E-05	1.65E-06	-2.30E-06	3.08E-05	1.16E-05	-1.79E-05	9.46E-06	-2.88E-05				
116	547.50	-1.04E+00	-1.94E-01	-5.74E-01	1.19E+00	1.43E-01	-6.92E-01	6.41E-01	-1.88E+00	54.84	3.14E-01	-8.47E-01	
	104.00	-2.02E-05	1.24E-05	-2.17E-06	9.13E-05	1.10E-05	-5.32E-05	4.46E-05	-5.24E-05				
117	515.50	-4.30E-01	-4.20E-01	-3.72E-01	4.81E-01	2.00E-03	-6.00E-01	4.56E-01	-1.31E+00	45.17	-4.30E-01	8.81E-01	

	120.00	-3.12E-06	-2.71E-06	-5.84E-07	6.78E-05	1.54E-07	-4.61E-05	3.10E-05	-3.66E-05				
118	515.50	-1.33E+00	-6.46E-01	-5.05E-01	3.42E-01	2.88E-02	-1.99E-01	-6.59E-01	-1.51E+00	62.63	-8.46E-01	-3.42E-01	
	136.00	-1.73E-07	1.32E-06	-9.73E-07	2.63E-05	2.20E-06	-1.53E-05	8.13E-06	-2.41E-05				
119	547.50	-8.54E-01	-1.83E-01	-4.43E-01	8.61E-01	4.44E-02	-5.21E-01	4.05E-01	-1.44E+00	55.67	1.83E-01	-6.01E-01	
	152.00	-1.66E-05	9.31E-06	-9.13E-07	6.62E-05	4.95E-06	-4.01E-05	3.19E-05	-3.92E-05				
120	515.50	-3.94E-01	-2.83E-01	-2.49E-01	6.21E-01	-4.70E-02	-5.85E-01	2.85E-01	-9.61E-01	47.55	-3.94E-01	6.21E-01	
	168.00	-4.97E-06	-7.02E-07	5.85E-07	4.77E-05	-3.61E-06	-4.50E-05	2.11E-05	-2.68E-05				
121	515.50	-1.59E+00	-1.01E+00	-1.06E+00	2.79E-01	-8.19E-02	-1.53E-01	-9.01E-01	-1.71E+00	68.07	-1.01E+00	-2.79E-01	
	184.00	-2.11E-05	1.27E-06	-3.19E-07	2.15E-05	-6.29E-06	-1.18E-05	5.59E-06	-2.54E-05				
122	547.50	-6.33E-01	1.44E-01	-2.07E-01	9.22E-01	-6.80E-03	-5.50E-01	7.56E-01	-1.25E+00	56.44	5.32E-01	-6.30E-01	
	200.00	-1.67E-05	1.32E-05	-3.01E-07	7.09E-05	-5.23E-07	-4.23E-05	3.67E-05	-4.02E-05				
123	515.50	2.05E-01	3.90E-01	3.05E-01	4.61E-01	-1.49E-01	-7.40E-01	7.67E-01	-1.73E-01	50.67	2.05E-01	4.61E-01	
	216.00	-2.01E-06	5.10E-06	1.86E-06	3.54E-05	-1.15E-05	-5.69E-05	1.96E-05	-1.65E-05				
124	515.50	-5.51E-01	-3.45E-01	-3.55E-01	1.28E-01	-3.58E-01	-9.95E-02	-2.84E-01	-6.12E-01	64.50	-3.45E-01	-1.28E-01	
	232.00	-7.46E-06	4.91E-07	9.40E-08	9.82E-06	-2.76E-05	-7.65E-06	2.83E-06	-9.80E-06				
125	547.50	-5.04E-01	-4.24E-01	-3.68E-01	2.28E-01	-1.62E-01	9.83E-02	-2.32E-01	-6.96E-01	50.00	-3.21E-01	-1.83E-01	
	248.00	-5.15E-06	-2.06E-06	8.85E-08	1.76E-05	-1.25E-05	7.56E-06	5.31E-06	-1.25E-05				
126	515.50	2.08E-01	3.76E-01	3.16E-01	2.41E-02	-1.57E-01	-5.66E-01	3.79E-01	2.04E-01	82.02	2.08E-01	2.41E-02	
	264.00	-1.90E-06	4.58E-06	2.27E-06	1.85E-06	-1.20E-05	-4.36E-05	4.71E-06	-2.03E-06				
127	515.50	-4.43E-01	-2.93E-01	-2.88E-01	6.98E-02	-3.81E-01	-4.84E-02	-2.65E-01	-4.71E-01	68.58	-2.93E-01	-6.98E-02	
	276.00	-5.80E-06	-8.93E-09	1.87E-07	5.37E-06	-2.93E-05	-3.72E-06	1.04E-06	-6.85E-06				
128	531.50	5.38E-03	4.12E-02	6.61E-02	4.14E-02	-1.40E-01	-2.75E-02	6.84E-02	-2.18E-02	56.69	5.38E-03	4.14E-02	
	297.00	-1.03E-06	3.46E-07	1.30E-06	3.19E-06	-1.07E-05	-2.11E-06	1.39E-06	-2.08E-06				
129	515.50	5.01E-01	6.23E-01	5.33E-01	-6.43E-02	-1.57E-01	-4.54E-01	6.51E-01	4.73E-01	-66.79	5.01E-01	-6.43E-02	
	320.00	1.06E-06	5.76E-06	2.28E-06	-4.94E-06	-1.21E-05	-3.49E-05	6.82E-06	1.80E-09				
183	565.50	1.85E-02	-3.61E-02	-1.91E-01	1.60E+00	3.31E-01	-1.34E+00	1.59E+00	-1.61E+00	44.51	1.85E-02	1.60E+00	
	-8.00	3.00E-06	8.97E-07	-5.04E-06	1.23E-04	2.55E-05	-1.03E-04	6.36E-05	-5.97E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9400E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.2043E+02	-.1272E+03	-.2477E+01	.2052E+02	.5214E+02	-.3433E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.2257E+01	.9468E+00	.4436E+00	.1681E+02	-.1374E+02	-.1630E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1757E+01	-.2593E+00	.1747E+00	.2638E+02	-.3046E+02	-.2953E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2457E+01	.5720E+00	.3230E-01	.3667E+02	-.4750E+02	-.4297E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.2363E+01	-.2966E+00	.1560E-01	.4688E+02	-.6420E+02	-.5724E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1025E+01	-.4013E+00	.1635E+00	.6153E+02	-.8140E+02	-.7435E+02
25	.7399E+01	.1188E+01	.2800E-01	.7658E+02	-.8978E+02	-.9031E+02
26	-.1454E+00	.2063E+00	-.4729E-01	.9329E+02	-.9468E+02	-.1020E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.000[illegible]00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]0	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]0	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	-.2548E+02	-.7218E+01	.1111E+01	.8559E+02	-.1294E+03	-.1113E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.5749E+03	.1013E+03	-.4969E+01	.1166E+03	-.3434E+03	-.1724E+03
40	.4108E+03	.6601E+02	-.8962E-01	.1102E+03	-.3392E+03	-.1591E+03
41	.2817E+03	.3868E+02	.4491E+01	.9615E+02	-.3076E+03	-.1392E+03
42	.7307E+02	.6196E+01	.4725E+01	.8532E+02	-.2187E+03	-.1218E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.7207E+03	-.9505E+02	-.4320E+01	.1951E+02	-.3579E+03	.7315E+02
48	-.6238E+03	-.8228E+02	-.4595E+01	.3750E+02	-.3318E+03	.5372E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1009E+04	-.1544E+03	-.4578E+01	-.2236E+02	-.2467E+03	.2565E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2925E+01	.4563E+01	-.6155E+00	.1163E+02	-.3536E+03	.6762E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.6905E+03	-.1053E+03	-.4562E+01	-.7727E+01	-.2018E+03	.2446E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.4836E+03	-.7416E+02	-.6165E+01	-.7130E+01	-.1925E+03	.2382E+03
66	-.1625E+03	-.2579E+02	-.7783E+01	-.9638E+01	-.1687E+03	.2481E+03
67	.3373E+03	.4934E+02	-.7768E+01	-.8218E+01	-.1450E+03	.2485E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.6022E+03	.9909E+02	-.6595E+01	.1699E+02	-.1285E+03	.2322E+03
76	-.6398E+02	-.1062E+02	-.4479E+01	.2453E+02	-.1030E+03	.2306E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.2500E+03	.3679E+02	-.3223E+01	.3177E+02	-.6944E+02	.2244E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1063E+03	-.1646E+02	-.2320E+01	.4561E+02	-.4840E+02	.2149E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1449E+03	.2147E+02	-.2041E+01	.3739E+02	-.1975E+02	.2007E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.9983E+02	-.1504E+02	-.1730E+01	.3567E+02	-.1931E+01	.1847E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1128E+03	.1709E+02	-.1791E+01	.3537E+02	.2208E+02	.1651E+03
109	-.6603E+02	-.9560E+01	-.1512E+01	.3722E+02	.3915E+02	.1436E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.9260E+02	.1441E+02	-.1510E+01	.2312E+02	.5677E+02	.1162E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.4122E+02	.6810E+01	-.3628E+00	.1414E+02	.6682E+02	.8910E+02
115	.1180E+02	.2435E+01	-.9314E-01	.9069E+01	.6769E+02	.6251E+02
116	.1730E+02	.3383E+01	-.5252E-01	.3284E+01	.7407E+02	.4201E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.2502E+02	.4599E+01	.1594E+00	.9140E+01	.7806E+02	.4171E+02
119	.9419E+01	.2234E+01	.1953E+00	-.7866E+01	.7327E+02	.1828E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.5526E+02	.8092E+01	.3232E+01	-.1037E+02	.7037E+02	.5744E+01
122	.4595E+02	.5088E+01	.6596E+01	.1357E+01	.6891E+02	.1092E+02
123	.3556E+02	.3598E+01	.5974E+01	.7205E+00	.6084E+02	.1005E+02
124	.2661E+02	.2559E+01	.4129E+01	.2847E+00	.5066E+02	.9346E+01
125	.1654E+02	.1573E+01	.3047E+01	-.7636E-01	.4245E+02	.8668E+01
126	.7836E+01	-.2105E+00	.2852E+01	-.5263E+00	.3660E+02	.7942E+01
127	-.1892E+00	-.1598E+01	.2949E+01	-.8257E+00	.3218E+02	.6976E+01
128	-.8961E+01	-.2865E+01	.2969E+01	-.1575E+01	.2271E+02	.5856E+01
129	-.9848E+01	-.2632E+01	.2674E+01	-.1902E+01	.1465E+02	.4788E+01
130	-.7232E+01	-.1692E+01	.2157E+01	-.1922E+01	.8330E+01	.3918E+01
131	-.2126E+01	-.3389E+00	.1654E+01	-.1691E+01	.4267E+01	.3252E+01
132	.1531E+00	.1373E+00	.1256E+01	-.1189E+01	.3672E+01	.2709E+01
133	.3025E+00	.1288E+00	.1121E+01	-.8580E+00	.3541E+01	.2225E+01
134	.1103E+00	.4297E-01	.1097E+01	-.5608E+00	.2870E+01	.1738E+01
135	.9715E-02	.8679E-02	.1228E+01	-.4995E+00	.2036E+01	.1284E+01
136	.6833E-02	.1060E-01	.1630E+01	-.3475E+00	.1336E+01	.8603E+00
137	-.2142E-01	-.6612E-02	.2530E+01	-.2456E+00	.6090E+00	.4722E+00
138	.9642E-02	.4703E-01	.3898E+02	-.1707E+00	-.1635E+00	.2390E+00
139	.3462E-01	.5613E-01	-.4109E+01	-.2647E-01	.8832E-01	-.9039E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.53819E-02	.42305E-04	-.93368E-02	.00000E+00
3	.16953E-01	.15734E-03	-.16960E-01	.00000E+00
4	.18342E-01	.15953E-03	-.18339E-01	.00000E+00
5	.19749E-01	.83519E-05	-.19755E-01	.00000E+00
6	.22108E-01	-.32514E-05	-.22107E-01	.34159E-05
7	.20429E-01	.31498E-03	-.20637E-01	.00000E+00
8	.22161E-01	.22300E-03	-.22208E-01	.47231E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.92396E-02	.10307E-03	-.92767E-02	.00000E+00
11	.16985E-01	.20400E-03	-.17139E-01	.00000E+00
12	.18911E-01	.22455E-03	-.19077E-01	.00000E+00
	.20411E-01	.16549E-03	-.20452E-01	.000E+00
	.22280E-01	.21126E-03	-.22477E-01	994E-05

	.20663E-01	.45729E-03	-.21248E-01	.00000E+00
	.22401E-01	.35041E-03	-.22521E-01	.17993E-05
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.92061E-02	.15430E-03	-.94845E-02	.00000E+00
19	.17277E-01	.26301E-03	-.17694E-01	.00000E+00
20	.19277E-01	.32065E-03	-.19785E-01	.00000E+00
21	.20857E-01	.19469E-03	-.21282E-01	.00000E+00
22	.22708E-01	.19493E-03	-.23546E-01	.10450E-05
23	.21366E-01	.69458E-03	-.22632E-01	.00000E+00
24	.23018E-01	.56393E-03	-.24374E-01	.69327E-05
25	.23239E-01	.72336E-03	-.24921E-01	-.17774E-04
26	.23366E-01	.69365E-03	-.25251E-01	-.17903E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.92968E-02	.29972E-03	-.94961E-02	.00000E+00
29	.17600E-01	.52160E-03	-.18015E-01	.00000E+00
30	.19647E-01	.58665E-03	-.20490E-01	.00000E+00
31	.21499E-01	.70588E-03	-.22728E-01	.00000E+00
32	.23502E-01	.80377E-03	-.25619E-01	.19787E-04
33	.21436E-01	.10567E-02	-.22615E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.92114E-02	.44504E-03	-.94012E-02	.00000E+00
36	.17707E-01	.65353E-03	-.17900E-01	.00000E+00
37	.19941E-01	.71231E-03	-.20241E-01	.00000E+00
38	.22044E-01	.87500E-03	-.23376E-01	.00000E+00
39	.23748E-01	.11491E-02	-.26240E-01	-.13354E-04
40	.23707E-01	.12236E-02	-.26096E-01	-.89878E-06
41	.23668E-01	.11927E-02	-.25963E-01	.77871E-05
42	.23602E-01	.10358E-02	-.25812E-01	.16110E-04
43	.19588E-01	.97180E-03	-.19078E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.85153E-02	-.10268E-04	-.80631E-02	.00000E+00
46	.17587E-01	.61534E-03	-.16371E-01	.00000E+00
47	.23768E-01	.10420E-02	-.26288E-01	-.11694E-04
48	.23762E-01	.10239E-02	-.26288E-01	-.18266E-04
49	.22016E-01	.91505E-03	-.23138E-01	.00000E+00
50	.23987E-01	.10209E-02	-.26382E-01	-.54058E-04
51	.22232E-01	.10480E-02	-.22101E-01	.00000E+00
52	.24868E-01	.98883E-03	-.24262E-01	.00000E+00
53	.23780E-01	.97337E-03	-.26288E-01	-.19962E-05
54	.19500E-01	.62159E-03	-.17297E-01	.00000E+00
55	.21861E-01	.86500E-03	-.18931E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.72316E-02	.81353E-03	-.51921E-02	.00000E+00
58	.15471E-01	.45308E-03	-.96982E-02	.00000E+00
59	.25308E-01	.68764E-03	-.22165E-01	.00000E+00
60	.24946E-01	.91259E-03	-.23320E-01	.00000E+00
61	.24196E-01	.10917E-02	-.26442E-01	-.83471E-04
62	.18212E-01	.27046E-03	-.11735E-01	.00000E+00
63	.21038E-01	.20750E-03	-.14991E-01	.00000E+00
64	.25372E-01	.95412E-03	-.24601E-01	.00000E+00
65	.24479E-01	.10926E-02	-.26498E-01	-.10379E-03
66	.25180E-01	.10927E-02	-.26610E-01	-.12605E-03
67	.25935E-01	.10907E-02	-.26732E-01	-.12009E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.56144E-02	-.72347E-04	-.25638E-02	.00000E+00
70	.16167E-01	.17377E-04	-.83300E-02	.00000E+00
71	.24468E-01	.53527E-04	-.16831E-01	.00000E+00
72	.26055E-01	.87299E-03	-.24510E-01	.00000E+00
73	.19842E-01	.63159E-05	-.84224E-02	.00000E+00
74	.27635E-01	.84193E-03	-.25693E-01	.00000E+00
75	.26577E-01	.10987E-02	-.26838E-01	-.91346E-04
76	.27441E-01	.11101E-02	-.27078E-01	-.63996E-04
77	.22049E-01	-.28275E-03	-.11561E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00

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3704

79	.66491E-02	.25788E-03	-.29025E-02	.00000E+00
80	.15257E-01	-.22559E-03	-.59924E-02	.00000E+00
81	.14600E-01	-.32407E-03	-.61975E-02	.00000E+00
82	.19987E-01	-.49296E-03	-.98130E-02	.00000E+00
83	.27264E-01	-.20319E-03	-.18565E-01	.00000E+00
84	.25241E-01	-.57221E-03	-.12716E-01	.00000E+00
85	.26421E-01	.11103E-02	-.27346E-01	-.51193E-04
86	.28651E-01	.87377E-03	-.26719E-01	.00000E+00
87	.22849E-01	-.50289E-03	-.94425E-02	.00000E+00
88	.28590E-01	.49353E-03	-.22806E-01	.00000E+00
89	.29094E-01	.11385E-02	-.27638E-01	-.41015E-04
90	.16645E-01	-.21593E-03	.67977E-03	.00000E+00
91	.17993E-01	-.43566E-03	-.20256E-03	.00000E+00
92	.19395E-01	-.24763E-03	-.59401E-03	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.69395E-02	.00000E+00	.98238E-03	.00000E+00
95	.12922E-01	.00000E+00	.17588E-02	.00000E+00
96	.14934E-01	.00000E+00	.16104E-02	.00000E+00
97	.15507E-01	.00000E+00	.23036E-02	.00000E+00
98	.15095E-01	.00000E+00	.25513E-02	.00000E+00
99	.16850E-01	-.58166E-04	.20562E-02	.00000E+00
100	.21722E-01	-.30359E-03	-.35699E-02	.00000E+00
101	.26954E-01	-.17668E-03	-.12167E-01	.00000E+00
102	.30136E-01	.11623E-02	-.28030E-01	-.36910E-04
103	.28508E-01	-.68902E-04	-.18449E-01	.00000E+00
104	.30604E-01	.10303E-02	-.27686E-01	.00000E+00
105	.30857E-01	.11704E-02	-.28384E-01	-.31527E-04
106	.29925E-01	-.48516E-04	-.21522E-01	.00000E+00
107	.31749E-01	.10295E-02	-.27856E-01	.00000E+00
108	.31682E-01	.11757E-02	-.28694E-01	-.30030E-04
109	.32276E-01	.11786E-02	-.28975E-01	-.25535E-04
110	.31673E-01	.73143E-03	-.22999E-01	.00000E+00
111	.33021E-01	.12453E-02	-.28473E-01	.00000E+00
112	.32923E-01	.11789E-02	-.29185E-01	-.22822E-04
113	.32737E-01	.58128E-03	-.25156E-01	.00000E+00
114	.33276E-01	.11501E-02	-.29378E-01	-.81117E-05
115	.33372E-01	.11322E-02	-.29494E-01	-.92086E-06
116	.33323E-01	.10362E-02	-.29578E-01	.60719E-05
117	.33190E-01	.13506E-02	-.29436E-01	.00000E+00
118	.33218E-01	.10741E-02	-.29605E-01	.11383E-04
119	.32919E-01	.10484E-02	-.29627E-01	.18467E-04
120	.33564E-01	.10348E-02	-.29495E-01	.00000E+00
121	.32355E-01	.10055E-02	-.29628E-01	.29839E-04
122	.32294E-01	.76021E-03	-.29677E-01	.35044E-04
123	.32205E-01	.53557E-03	-.29715E-01	.39120E-04
124	.32105E-01	.28471E-03	-.29753E-01	.43737E-04
125	.31973E-01	.33003E-05	-.29792E-01	.49090E-04
126	.31722E-01	-.52503E-03	-.29855E-01	.54868E-04
127	.31456E-01	-.10906E-02	-.29917E-01	.54906E-04
128	.30961E-01	-.21374E-02	-.30042E-01	.43510E-04
129	.30633E-01	-.29718E-02	-.30157E-01	.27437E-04
130	.30456E-01	-.34347E-02	-.30281E-01	.90710E-05
131	.30501E-01	-.33366E-02	-.30471E-01	-.99114E-05
132	.30689E-01	-.27601E-02	-.30637E-01	-.16649E-04
133	.30853E-01	-.21358E-02	-.30783E-01	-.12089E-04
134	.30957E-01	-.16532E-02	-.30900E-01	-.96071E-05
135	.31028E-01	-.12614E-02	-.30995E-01	-.87816E-05
136	.31079E-01	-.86997E-03	-.31063E-01	-.89032E-05
137	.31108E-01	-.48287E-03	-.31104E-01	-.88777E-05
138	.31129E-01	-.72013E-04	-.31129E-01	-.92189E-05
139	.31129E-01	-.90215E-05	-.31129E-01	-.90419E-05

EARTHQUAKE A[illegible]TS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 TIME = .95CCE+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	4.13E-03	3.28E-02	1.56E-02	1.14E+00	1.99E-03	-1.14E+00	1.16E+00	-1.12E+00	45.36	4.13E-03	1.14E+00
	-303.00	-4.94E-07	8.08E-07	2.76E-08	1.04E-04	1.81E-07	-1.04E-04	5.20E-05	-5.17E-05			
2	72.00	9.59E-03	4.33E-02	6.31E-03	9.41E-01	7.34E-04	-9.66E-01	9.68E-01	-9.15E-01	45.51	9.59E-03	9.41E-01
	-213.00	-3.33E-07	1.20E-06	-4.82E-07	8.55E-05	6.67E-08	-8.78E-05	4.32E-05	-4.23E-05			
3	72.00	1.35E-01	4.50E-02	-6.15E-03	6.14E-01	-4.66E-02	-6.65E-01	7.07E-01	-5.23E-01	43.00	1.35E-01	6.14E-01
	-138.00	2.14E-06	1.81E-07	-1.07E-06	2.70E-05	-2.12E-06	-3.02E-05	1.51E-05	-1.28E-05			
4	24.00	6.21E-01	3.13E-01	3.79E-01	1.12E+00	-1.61E-01	-1.20E+00	1.59E+00	-6.61E-01	41.08	6.21E-01	1.12E+00
	-60.00	9.48E-06	-2.40E-06	1.60E-07	8.59E-05	-1.24E-05	-9.22E-05	4.69E-05	-3.98E-05			
5	72.00	-2.08E-01	-8.10E-02	-2.00E-01	4.97E-01	3.75E-02	-5.48E-01	3.57E-01	-6.46E-01	48.65	-8.10E-02	-4.97E-01
	-88.00	-2.64E-06	2.26E-06	-2.31E-06	3.82E-05	2.88E-06	-4.21E-05	1.91E-05	-1.95E-05			
6	120.00	-1.13E-01	-1.19E-01	-1.43E-01	9.52E-01	5.15E-02	-9.59E-01	8.36E-01	-1.07E+00	44.93	8.20E-01	-1.74E-01
	-68.00	-2.47E-07	-4.29E-07	-1.38E-06	7.33E-05	3.96E-06	-7.37E-05	3.63E-05	-3.70E-05			
7	36.25	2.59E-01	1.03E-01	7.91E-02	5.07E-01	-6.57E-02	-4.88E-01	6.94E-01	-3.32E-01	40.63	2.41E-01	5.09E-01
	-18.00	5.11E-06	-8.82E-07	-1.80E-06	3.90E-05	-5.06E-06	-3.75E-05	2.18E-05	-1.76E-05			
8	108.00	-2.32E-02	-5.10E-02	-7.13E-02	3.89E-01	7.34E-03	-4.31E-01	3.52E-01	-4.26E-01	43.97	-2.32E-02	3.89E-01
	-18.00	7.07E-07	-3.64E-07	-1.14E-06	2.99E-05	5.65E-07	-3.31E-05	1.51E-05	-1.48E-05			
9	216.00	6.72E-02	9.36E-02	5.66E-02	1.14E+00	-5.19E-03	-1.15E+00	1.22E+00	-1.06E+00	45.33	6.72E-02	1.14E+00
	-303.00	2.31E-07	1.43E-06	-2.49E-07	1.03E-04	-4.72E-07	-1.05E-04	5.24E-05	-5.08E-05			
10	216.00	9.21E-02	9.22E-02	4.62E-02	9.66E-01	-1.93E-02	-9.92E-01	1.06E+00	-8.74E-01	45.00	9.21E-02	9.66E-01
	-213.00	1.19E-06	1.20E-06	-9.95E-07	8.78E-05	-1.75E-06	-9.01E-05	4.51E-05	-4.27E-05			
11	216.00	1.45E-01	7.31E-02	-1.61E-02	7.29E-01	-6.51E-02	-7.64E-01	8.39E-01	-6.21E-01	43.59	1.45E-01	7.29E-01
	-138.00	2.24E-06	6.02E-07	-1.43E-06	3.32E-05	-2.96E-06	-3.47E-05	1.80E-05	-1.52E-05			
12	168.00	3.23E-01	2.82E-01	2.06E-01	1.08E+00	-1.31E-01	-1.08E+00	1.39E+00	-7.80E-01	44.46	3.23E-01	1.08E+00
	-68.00	3.51E-06	1.94E-06	-9.89E-07	8.33E-05	-1.01E-05	-8.34E-05	4.44E-05	-3.89E-05			
13	216.00	-2.98E-01	-9.12E-02	-2.41E-01	4.55E-01	3.47E-02	-4.95E-01	2.73E-01	-6.61E-01	51.39	-9.12E-02	-4.55E-01
	-88.00	-4.53E-06	3.42E-06	-2.35E-06	3.50E-05	2.67E-06	-3.81E-05	1.74E-05	-1.85E-05			
14	264.00	1.33E-02	-1.05E-01	-1.07E-01	9.38E-01	1.88E-02	-9.81E-01	8.94E-01	-9.85E-01	43.20	8.66E-01	-2.27E-01
	-68.00	2.69E-06	-1.66E-06	-1.92E-06	7.21E-05	1.45E-06	-7.55E-05	3.66E-05	-3.57E-05			
15	180.00	1.13E-01	2.16E-02	-1.09E-02	4.50E-01	-8.88E-02	-4.36E-01	5.19E-01	-3.84E-01	42.08	1.13E-01	4.50E-01
	-18.00	3.00E-06	-5.35E-07	-1.78E-06	3.46E-05	-6.83E-06	-3.35E-05	1.86E-05	-1.62E-05			
16	252.00	7.18E-02	-3.25E-02	-6.76E-02	3.71E-01	-2.97E-02	-4.57E-01	3.95E-01	-3.55E-01	41.01	7.18E-02	3.71E-01
	-18.00	3.07E-06	-9.36E-07	-2.29E-06	2.86E-05	-2.29E-06	-3.51E-05	1.55E-05	-1.34E-05			
17	361.00	9.48E-02	1.52E-01	9.04E-02	1.14E+00	2.52E-03	-1.16E+00	1.27E+00	-1.02E+00	45.71	9.48E-02	1.14E+00
	-303.00	-6.61E-08	2.52E-06	-2.68E-07	1.04E-04	2.29E-07	-1.06E-04	5.31E-05	-5.07E-05			
18	361.00	1.16E-01	1.35E-01	7.41E-02	1.01E+00	-3.21E-03	-1.03E+00	1.14E+00	-8.85E-01	45.27	1.16E-01	1.01E+00
	-213.00	1.04E-06	1.91E-06	-8.45E-07	9.19E-05	-2.92E-07	-9.38E-05	4.74E-05	-4.45E-05			
19	361.00	1.63E-01	9.88E-02	-7.96E-03	7.82E-01	-4.40E-02	-8.63E-01	9.13E-01	-6.51E-01	43.83	1.63E-01	7.82E-01
	-138.00	2.37E-06	9.14E-07	-1.51E-06	3.55E-05	-2.00E-06	-3.92E-05	1.94E-05	-1.61E-05			
20	312.00	5.76E-01	4.47E-01	3.50E-01	1.23E+00	-2.23E-01	-1.28E+00	1.74E+00	-7.17E-01	43.49	5.76E-01	1.23E+00
	-68.00	7.07E-06	2.10E-06	-1.63E-06	9.44E-05	-1.71E-05	-9.84E-05	5.18E-05	-4.27E-05			
21	360.67	-5.03E-01	-2.57E-01	-3.89E-01	5.95E-01	9.56E-02	-7.16E-01	2.28E-01	-9.87E-01	50.84	-2.57E-01	-5.95E-01
	-88.00	-6.72E-06	2.75E-06	-2.34E-06	4.58E-05	7.35E-06	-5.51E-05	2.14E-05	-2.54E-05			
22	400.33	3.34E-01	4.37E-01	2.33E-01	1.18E+00	9.85E-03	-1.45E+00	1.56E+00	-7.93E-01	46.26	1.55E+00	-1.93E-01
	-68.00	1.80E-06	5.77E-06	-2.06E-06	9.06E-05	7.57E-07	-1.12E-04	4.91E-05	-4.15E-05			
23	324.00	2.30E-01	5.60E-02	4.59E-03	4.71E-01	-1.58E-01	-5.66E-01	6.22E-01	-3.37E-01	39.70	2.30E-01	4.71E-01
	-18.00	5.68E-06	-1.10E-06	-3.00E-06	3.63E-05	-1.21E-05	-3.58E-05	2.07E-05	-1.62E-05			
24	372.00	1.07E-01	-1.49E-01	-1.41E-01	1.22E+00	-1.54E-01	-1.32E+00	1.20E+00	-1.25E+00	42.00	1.07E-01	1.22E+00
	-8.33	6.13E-06	-3.73E-06	-3.40E-06	9.37E-05	-1.18E-05	-1.01E-04	4.83E-05	-4.59E-05			
25	401.25	9.25E-02	8.17E-03	-9.73E-02	4.05E-01	-4.12E-02	-5.49E-01	4.56E-01	-3.57E-01	42.03	-2.94E-01	2.19E-01
	-18.00	3.52E-06	2.77E-07	-3.78E-06	3.12E-05	-3.17E-06	-4.22E-05	1.76E-05	-1.38E-05			
26	427.67	5.84E-01	4.64E-01	3.23E-01	1.40E+00	-2.15E-01	-1.88E+00	1.93E+00	-8.62E-01	43.97	1.40E+00	1.10E+00
	-8.33	7.18E-06	3.34E-06	-2.87E-06	1.07E-04	-1.65E-05	-1.45E-04	5.90E-05	-4.84E-05			
27	457.00	1.18E-01	2.27E-01	1.32E-01	1.15E+00	1.37E-02	-1.16E+00	1.32E+00	-9.76E-01	46.36	1.18E-01	1.15E+00
	-303.00	-8.20E-07	4.14E-06	-2.18E-07	1.04E-04	1.25E-06	-1.05E-04	5.39E-05	-5.06E-05			
28	457.00	1.06E-01	1.52E-01	8.62E-02	1.06E+00	3.11E-02	-1.05E+00	1.19E+00	-9.31E-01	45.62	1.06E-01	1.06E+00
	-213.00	3.44E-07	2.44E-06	-8.51E-07	9.63E-05	2.83E-06	-9.56E-05	4.96E-05	-4.68E-05			
29	457.00	2.50E-01	1.68E-01	6.17E-02	8.27E-01	1.09E-01	-9.13E-01	1.03E+00	-6.29E-01	43.23	2.50E-01	8.27E-01
	-138.00	3.28E-06	9.57E-07	-1.01E-06	3.76E-05	4.96E-06	-4.15E-05	2.09E-05	-1.67E-05			
30	442.00	3.10E-01	6.85E-01	3.28E-01	1.38E+00	8.63E-02	-1.65E+00	1.89E+00	-8.96E-01	48.87	3.10E-01	1.38E+00

	-68.00	-2.63E-06	1.18E-05	-1.91E-06	1.06E-04	6.64E-06	-1.11E-04	5.82E-05	-4.90E-05				
31	457.33	-1.64E+00	-7.35E-01	-9.63E-01	4.98E-01	9.23E-01	-6.05E-01	-5.15E-01	-1.66E+00	66.16	-7.35E-01	-4.98E-01	
	-88.00	-2.62E-05	8.61E-06	-8.75E-07	3.83E-05	6.33E-05	-6.19E-05	1.71E-05	-3.47E-05				
32	472.67	2.69E+00	2.24E+00	1.95E+00	1.15E+00	-4.39E-01	-1.85E+00	3.69E+00	1.27E+00	39.91	3.41E+00	7.72E-01	
	-68.00	2.76E-05	1.12E-05	-8.47E-07	9.18E-05	-3.38E-05	-1.46E-04	6.40E-05	-2.72E-05				
33	443.00	2.84E-01	2.31E-01	6.76E-02	6.98E-01	-5.16E-02	-7.32E-01	9.56E-01	-4.41E-01	43.90	2.84E-01	6.98E-01	
	-10.50	4.53E-06	2.47E-06	-3.80E-06	5.37E-05	-3.97E-06	-5.63E-05	3.04E-05	-2.34E-05				
34	454.00	2.11E+00	1.55E+00	1.37E+00	1.76E+00	-5.26E-01	-2.41E+00	3.62E+00	4.48E-02	40.46	2.81E+00	1.49E+00	
	-11.33	2.40E-05	4.28E-06	-2.60E-06	1.36E-04	-4.05E-05	-1.86E-04	8.38E-05	-5.36E-05				
35	461.67	5.49E-01	6.58E-01	3.90E-01	1.67E+00	-1.24E-01	-2.48E+00	2.27E+00	-1.07E+00	45.93	5.49E-01	1.67E+00	
	-12.00	3.58E-06	7.76E-06	-2.55E-06	1.28E-04	-9.53E-06	-1.51E-04	6.99E-05	-5.86E-05				
36	469.00	-1.23E+00	-4.50E-01	-7.76E-01	1.80E-01	7.44E-01	-1.01E+00	-4.10E-01	-1.27E+00	77.63	-4.50E-01	-1.80E-01	
	-30.00	-2.03E-05	9.68E-06	-2.84E-06	1.38E-05	5.72E-05	-7.74E-05	1.12E-05	-2.19E-05				
37	476.33	1.01E+00	1.35E+00	8.41E-01	1.13E+00	-1.35E-01	-2.06E+00	2.32E+00	3.32E-02	49.19	1.47E+00	1.11E+00	
	-12.00	3.76E-06	1.66E-06	-2.80E-06	8.72E-05	-1.04E-05	-1.58E-04	5.42E-05	-3.39E-05				
38	558.50	-3.49E-02	6.70E-02	1.65E-02	1.07E+00	4.56E-02	-1.07E+00	1.08E+00	-1.05E+00	46.37	-3.49E-02	1.07E+00	
	-303.00	-2.22E-06	2.42E-06	1.17E-07	9.70E-05	4.14E-06	-9.72E-05	4.87E-05	-4.85E-05				
39	558.50	5.80E-02	2.13E-01	1.29E-01	1.06E+00	9.41E-02	-1.04E+00	1.20E+00	-9.22E-01	47.16	5.80E-02	1.06E+00	
	-213.00	-2.60E-06	4.65E-06	5.75E-07	9.60E-05	8.56E-06	-9.41E-05	4.92E-05	-4.71E-05				
40	506.17	-2.42E-02	4.33E-01	1.01E-01	2.33E+00	3.34E-01	-2.18E+00	2.54E+00	-2.13E+00	47.80	-2.42E-02	2.33E+00	
	-128.00	-3.22E-06	7.16E-06	-3.81E-07	1.06E-04	1.52E-05	-9.90E-05	5.51E-05	-5.12E-05				
41	558.50	-7.34E-01	2.87E-01	-9.74E-03	1.04E+00	7.60E-01	-1.51E+00	9.34E-01	-1.38E+00	58.07	2.87E-01	-1.04E+00	
	-148.00	-1.43E-05	8.51E-06	2.18E-06	4.72E-05	3.45E-05	-6.88E-05	2.36E-05	-2.90E-05				
42	610.83	1.83E-01	5.02E-01	3.19E-01	2.04E+00	4.55E-01	-1.69E+00	2.39E+00	-1.70E+00	47.24	2.35E+00	-3.81E-01	
	-128.00	-1.12E-06	6.15E-06	1.99E-06	9.27E-05	2.07E-05	-7.70E-05	4.90E-05	-4.40E-05				
43	501.38	-1.60E-01	1.50E-02	-1.00E-01	5.27E-01	2.81E-01	-6.44E-01	4.62E-01	-6.07E-01	49.71	-1.60E-01	5.27E-01	
	-78.00	-3.45E-06	3.27E-06	-1.17E-06	4.05E-05	2.16E-05	-4.95E-05	2.05E-05	-2.06E-05				
44	534.67	3.68E-01	3.31E-01	3.14E-01	1.70E+00	1.76E-01	-2.21E+00	2.05E+00	-1.35E+00	44.69	2.02E+00	-3.13E-01	
	-68.00	3.02E-06	1.60E-06	9.54E-07	1.30E-04	1.35E-05	-1.70E-04	6.75E-05	-6.29E-05				
45	584.67	-2.83E-01	-1.41E-01	-1.38E-01	1.61E+00	5.14E-01	-1.30E+00	1.40E+00	-1.82E+00	46.27	-2.83E-01	1.61E+00	
	-68.00	-4.72E-06	7.61E-07	8.72E-07	1.24E-04	3.95E-05	-1.00E-04	5.99E-05	-6.39E-05				
46	610.83	-1.61E+00	-4.04E-01	-6.73E-01	8.86E-01	8.14E-01	-1.11E+00	6.51E-02	-2.08E+00	62.09	-4.04E-01	-8.86E-01	
	-88.00	-3.23E-05	1.40E-05	3.61E-06	6.81E-05	6.26E-05	-8.52E-05	3.20E-05	-5.04E-05				
47	482.63	-4.23E-02	8.19E-02	-1.25E-01	3.73E-01	2.34E-01	-7.45E-01	3.98E-01	-3.58E-01	49.72	-4.23E-02	3.73E-01	
	-21.00	-6.88E-07	4.09E-06	-3.87E-06	2.87E-05	1.80E-05	-5.73E-05	1.63E-05	-1.28E-05				
48	485.83	4.17E-01	5.85E-01	3.17E-01	1.07E+00	3.23E-02	-2.30E+00	1.58E+00	-5.74E-01	47.25	5.56E-01	1.07E+00	
	-12.00	1.54E-06	8.01E-06	-2.31E-06	8.24E-05	2.48E-06	-1.77E-04	4.61E-05	-3.66E-05				
49	507.88	4.80E-02	-5.94E-03	-9.10E-02	4.09E-01	1.66E-01	-8.38E-01	4.31E-01	-3.89E-01	43.11	4.80E-02	4.09E-01	
	-21.00	2.38E-06	3.09E-07	-2.94E-06	3.15E-05	1.28E-05	-6.45E-05	1.71E-05	-1.44E-05				
50	538.67	3.82E-01	1.24E-01	2.11E-01	1.48E+00	6.25E-01	-1.87E+00	1.74E+00	-1.24E+00	42.51	1.72E+00	-2.72E-01	
	-10.00	6.81E-06	-3.12E-06	2.43E-07	1.14E-04	4.81E-05	-1.44E-04	5.91E-05	-5.54E-05				
51	484.67	-4.95E+00	-3.41E+00	-3.53E+00	-8.01E-02	4.24E-01	-2.32E-01	-3.41E+00	-4.95E+00	-87.02	-3.41E+00	8.01E-02	
	8.00	-5.96E-05	-5.03E-07	-5.20E-06	-6.16E-06	3.26E-05	-1.78E-05	-3.43E-07	-5.98E-05				
52	507.00	1.36E+00	1.58E+00	1.05E+00	8.77E-01	2.94E-01	8.98E-01	2.35E+00	5.85E-01	48.64	2.18E+00	5.29E-01	
	9.00	8.33E-06	1.70E-05	-3.36E-06	6.74E-05	2.26E-05	6.91E-05	4.66E-05	-2.14E-05				
53	603.00	8.92E-02	2.60E-02	1.64E-01	6.27E-01	3.61E-01	-5.72E-01	6.85E-01	-5.70E-01	43.56	-3.09E-01	5.10E-01	
	-18.00	3.60E-07	-2.07E-06	3.25E-06	4.82E-05	2.78E-05	-4.40E-05	2.33E-05	-2.50E-05				
54	712.00	-4.76E-02	1.45E-01	6.58E-02	9.93E-01	9.56E-02	-8.13E-01	1.05E+00	-9.49E-01	47.77	-4.76E-02	9.93E-01	
	-303.00	-4.28E-06	4.46E-06	8.75E-07	9.02E-05	8.69E-06	-7.39E-05	4.54E-05	-4.52E-05				
55	712.00	-5.37E-01	-2.55E-01	-2.14E-01	1.08E+00	3.13E-01	-7.90E-01	6.96E-01	-1.49E+00	48.71	-5.37E-01	1.08E+00	
	-213.00	-1.13E-05	1.47E-06	3.33E-06	9.84E-05	2.88E-05	-7.18E-05	4.47E-05	-5.45E-05				
56	712.00	-7.41E-01	-3.06E-01	6.76E-04	8.16E-01	7.76E-01	-5.58E-01	3.21E-01	-1.37E+00	52.46	-7.41E-01	8.16E-01	
	-138.00	-1.13E-05	-1.47E-06	5.50E-06	3.71E-05	3.53E-05	-2.54E-05	1.28E-05	-2.56E-05				
57	712.00	-1.49E-01	7.37E-02	1.96E-01	5.18E-01	3.21E-01	-5.39E-01	4.93E-01	-5.67E-01	51.05	-1.49E-01	5.18E-01	
	-78.00	-7.04E-06	1.50E-06	6.20E-06	3.99E-05	2.55E-05	-4.14E-05	1.76E-05	-2.32E-05				
58	712.00	-2.15E-01	-1.43E-01	1.09E-01	6.89E-01	3.12E-01	-5.58E-01	5.11E-01	-8.69E-01	46.50	-2.15E-01	6.89E-01	
	-18.00	-5.54E-06	-2.76E-06	6.94E-06	5.30E-05	2.40E-05	-4.29E-05	2.24E-05	-3.07E-05				
59	837.00	-2.78E+00	-1.52E+00	-1.72E+00	8.24E-01	3.81E-01	-6.35E-01	-1.12E+00	-3.15E+00	63.69	-1.52E+00	-8.24E-01	
	-318.00	-4.82E-05	9.04E-06	.00E+00	7.49E-05	3.46E-05	-5.77E-05	2.76E-05	-6.67E-05				
60	887.00	-3.02E-01	4.96E-03	-1.55E-01	2.19E+00	1.93E-01	-1.26E+00	2.01E+00	-2.39E+00	47.59	1.83E+00	-8.56E-01	
	-288.00	-1.08E-05	7.26E-06	.00E+00	1.99E-04	1.75E-05	-1.15E-04	9.82E-05	-1.02E-04				
61	987.00	5.03E-01	3.75E-01	3.51E-01	2.21E+00	-1.75E-02	-9.46E-01	2.65E+00	-1.77E+00	44.17	5.03E-01	2.21E+00	
	-288.00	[illegible]80E-06	1.09E-06	.00E+00	2.01E-04	-1.59E-06	[illegible]-05	1.04E-04	-9.65E-05				
62	1037.0	[illegible]67E+00	-1.57E+00	-1.70E+00	1.61E+00	2.06E-01	[illegible]-01	-4.25E-01	-3.82E+00	54.46	-1.57E+00	-1.61[illegible]	

	-31F.	[illegible]43E-05	5.73E-06	.00E+00	1.46E-04	1.87E-05	[illegible]-05	5.79E-05	-9.65E-05					
63	862.00	[illegible]841-02	7.02E-03	1.58E-01	1.10E+00	8.69E-02	[illegible]-01	1.09E+00	-1.11E+00	45.46	-2.84E-02	1.10E+[illegible]		
	-213.00	[illegible]07E-06	-1.46E-06	5.42E-06	1.00E-04	7.50E-06	[illegible]-05	4.77E-05	-5.23E-05					
64	1012.00	1.96E-01	1.38E-01	3.15E-01	1.17E+00	1.17E-02	-5.47E-01	1.34E+00	-1.01E+00	44.31	1.94E-01	1.17E+00		
	-213.00	4.15E-07	-2.15E-06	5.93E-06	1.07E-04	1.07E-06	-4.57E-05	5.25E-05	-5.43E-05					
65	837.00	-1.27E-01	-6.91E-02	4.77E-01	8.40E-01	6.55E-01	-7.47E-01	7.43E-01	-9.38E-01	45.98	-6.91E-02	-8.40E-01		
	-148.00	-4.35E-06	-3.04E-06	9.36E-06	3.92E-05	3.16E-05	-3.40E-05	1.54E-05	-2.28E-05					
66	937.00	-1.59E-01	-4.53E-02	4.16E-01	1.43E+00	2.23E-01	-6.95E-01	1.32E+00	-1.53E+00	46.10	9.21E-01	-9.97E-01		
	-128.00	-4.70E-06	-2.21E-06	8.36E-06	6.50E-05	1.01E-05	-3.16E-05	2.91E-05	-3.60E-05					
67	1037.00	-1.41E+00	-3.86E-01	-2.68E-02	1.41E+00	5.18E-01	-5.95E-01	6.02E-01	-2.39E+00	54.95	-3.86E-01	-1.41E+00		
	-148.00	-2.24E-05	7.67E-07	8.53E-06	6.40E-05	2.35E-05	-4.52E-05	2.32E-05	-4.49E-05					
68	837.00	-5.57E-01	-5.19E-01	-1.49E-01	1.56E+00	4.65E-01	-6.97E-01	1.02E+00	-2.10E+00	45.35	-5.57E-01	1.56E+00		
	-68.00	-7.97E-06	-6.50E-06	7.74E-06	1.20E-04	3.61E-05	-5.36E-05	5.28E-05	-6.73E-05					
69	937.00	-5.06E-01	2.17E-01	2.96E-01	9.23E-01	4.30E-01	-7.22E-01	8.46E-01	-1.14E+00	55.70	2.17E-01	-9.23E-01		
	-88.00	-1.95E-05	8.26E-06	1.13E-05	7.10E-05	3.31E-05	-5.55E-05	3.25E-05	-4.38E-05					
70	1037.00	8.09E-02	2.26E-01	4.95E-01	1.56E+00	-1.67E-01	-1.62E+00	1.72E+00	-1.41E+00	46.33	1.28E+00	-1.08E+00		
	-68.00	-5.71E-06	-1.22E-07	1.02E-05	1.20E-04	-1.28E-05	-1.24E-04	5.73E-05	-6.31E-05					
71	862.00	-3.48E-01	-2.08E-01	1.63E-01	6.85E-01	3.75E-01	-5.39E-01	4.10E-01	-9.66E-01	47.90	-3.48E-01	6.85E-01		
	-18.00	-9.05E-06	-3.69E-06	1.06E-05	5.27E-05	2.85E-05	-4.15E-05	2.01E-05	-3.28E-05					
72	1012.00	2.15E-01	2.31E-01	5.96E-01	7.24E-01	-7.41E-02	-4.04E-01	9.47E-01	-5.00E-01	45.33	2.15E-01	7.24E-01		
	-18.00	-3.19E-06	-2.55E-06	1.15E-05	5.57E-05	-5.70E-06	-3.11E-05	2.50E-05	-3.07E-05					
73	1387.00	1.72E-01	1.98E-01	2.14E-01	8.28E-01	1.14E-02	-1.12E-01	1.01E+00	-6.43E-01	45.45	1.72E-01	8.28E-01		
	-303.00	2.41E-07	1.43E-06	2.12E-06	7.53E-05	1.03E-06	-1.02E-05	3.85E-05	-3.68E-05					
74	1387.00	5.26E-02	3.10E-02	2.32E-01	8.91E-01	3.49E-02	-1.48E-01	9.33E-01	-8.50E-01	44.65	5.26E-02	8.91E-01		
	-213.00	-1.70E-06	-2.69E-06	6.44E-06	9.10E-05	3.16E-06	-1.34E-05	3.83E-05	-4.27E-05					
75	1387.00	7.29E-03	1.25E-01	5.67E-01	6.62E-01	8.24E-02	-6.08E-02	7.31E-01	-5.98E-01	47.55	7.29E-03	6.62E-01		
	-138.00	-3.50E-06	-8.21E-07	9.21E-06	3.01E-05	3.75E-06	-2.76E-06	1.29E-05	-1.73E-05					
76	1187.00	-3.43E-01	-2.39E-01	9.25E-02	9.26E-01	2.95E-01	3.54E-01	6.36E-01	-1.22E+00	46.60	-3.43E-01	9.26E-01		
	-68.00	-7.80E-06	-3.83E-06	8.94E-06	7.12E-05	2.27E-05	2.72E-05	2.98E-05	-4.15E-05					
77	1387.00	-3.68E-01	-2.73E-01	1.78E-01	5.75E-01	2.03E-01	-3.02E-01	2.56E-01	-8.97E-01	47.38	-2.73E-01	-5.75E-01		
	-88.00	-9.07E-06	-5.40E-06	1.19E-05	4.42E-05	1.56E-05	-2.33E-05	1.50E-05	-2.94E-05					
78	1587.00	5.91E-02	6.42E-02	4.29E-01	6.29E-01	-6.52E-02	9.88E-02	6.90E-01	-5.67E-01	45.12	3.06E-01	-5.79E-01		
	-68.00	-3.79E-06	-3.60E-06	1.04E-05	4.84E-05	-5.01E-06	7.60E-06	2.05E-05	-2.79E-05					
79	1237.00	-4.21E-01	-1.61E-01	1.99E-01	5.72E-01	2.52E-01	-1.59E-01	2.96E-01	-8.78E-01	51.42	-4.21E-01	5.72E-01		
	-18.00	-1.20E-05	-1.97E-06	1.19E-05	4.40E-05	1.94E-05	-1.23E-05	1.56E-05	-2.96E-05					
80	1433.80	-2.51E-01	-1.61E-01	2.75E-01	6.63E-01	5.21E-02	-8.22E-02	4.59E-01	-8.71E-01	46.94	-2.51E-01	6.63E-01		
	-8.00	-8.15E-06	-4.69E-06	1.21E-05	5.10E-05	4.00E-06	-6.32E-06	1.92E-05	-3.20E-05					
81	1533.80	-3.99E-01	-1.16E-01	2.17E-01	4.32E-01	4.97E-04	-5.62E-02	1.97E-01	-7.12E-01	54.05	-1.16E-01	-4.32E-01		
	-28.00	-1.21E-05	-1.19E-06	1.16E-05	3.33E-05	3.82E-08	-4.32E-06	1.09E-05	-2.41E-05					
82	1633.80	-3.41E-01	-8.05E-02	2.28E-01	1.17E-01	-1.01E-01	5.37E-02	-3.59E-02	-3.86E-01	69.08	-3.59E-02	-1.92E-03		
	-8.00	-1.10E-05	-9.69E-07	1.09E-05	8.98E-06	-7.80E-06	4.13E-06	7.46E-07	-1.27E-05					
83	1433.80	-1.79E+00	-7.91E-01	-5.53E-01	4.77E-01	4.92E-01	-1.08E-01	-6.00E-01	-1.98E+00	68.17	-7.91E-01	-4.77E-01		
	27.60	-3.44E-05	4.02E-06	1.32E-05	3.67E-05	3.79E-05	-8.32E-06	1.14E-05	-4.18E-05					
84	1296.10	-6.15E-01	-8.39E-02	1.99E-01	5.12E-01	2.62E-01	-2.50E-01	2.28E-01	-9.27E-01	58.70	-3.97E-01	-5.75E-01		
	40.70	-1.82E-05	2.27E-06	1.31E-05	3.94E-05	2.02E-05	-1.93E-05	1.43E-05	-3.01E-05					
85	1148.60	-2.52E-01	1.12E-01	3.69E-01	5.90E-01	2.61E-01	1.90E-01	5.48E-01	-6.88E-01	53.58	4.50E-01	3.34E-01		
	57.33	-1.22E-05	1.80E-06	1.17E-05	4.54E-05	2.01E-05	1.46E-05	1.86E-05	-2.90E-05					
86	1131.40	-2.27E+00	-1.06E+00	-7.50E-01	2.50E-01	1.01E+00	7.79E-02	-1.01E+00	-2.32E+00	78.83	-1.06E+00	-2.50E-01		
	112.00	-4.26E-05	4.12E-06	1.60E-05	1.92E-05	7.73E-05	5.99E-06	6.02E-06	-4.45E-05					
87	1010.80	-6.89E-01	-2.52E-01	1.02E-01	7.29E-01	4.80E-01	-1.16E+00	2.91E-01	-1.23E+00	53.34	-2.52E-01	-7.29E-01		
	34.67	-1.73E-05	-4.75E-07	1.31E-05	5.61E-05	3.69E-05	-6.89E-05	2.04E-05	-3.82E-05					
88	886.60	-2.53E-01	-8.93E-02	2.76E-01	5.48E-01	2.25E-01	-5.42E-01	3.82E-01	-7.25E-01	49.26	-2.53E-01	5.48E-01		
	46.00	-9.01E-06	-2.70E-06	1.13E-05	4.21E-05	1.73E-05	-4.17E-05	1.54E-05	-2.72E-05					
89	869.00	-1.40E+00	-5.64E-01	-2.62E-01	2.72E-01	7.25E-01	3.99E-02	-4.83E-01	-1.48E+00	73.52	-5.64E-01	-2.72E-01		
	96.00	-2.94E-05	2.80E-06	1.44E-05	2.09E-05	5.58E-05	3.07E-06	5.89E-06	-3.25E-05					
90	952.60	-1.54E-01	7.10E-01	7.01E-01	8.67E-01	2.79E-01	-6.20E-01	1.25E+00	-6.91E-01	58.24	1.00E+00	-6.44E-01		
	128.00	-1.97E-05	1.35E-05	1.31E-05	6.67E-05	2.15E-05	-4.77E-05	3.41E-05	-4.04E-05					
91	869.80	-4.04E-01	-1.30E-01	2.07E-01	3.40E-01	3.39E-01	3.81E-02	9.97E-02	-6.34E-01	55.99	-4.04E-01	3.40E-01		
	160.00	-1.20E-05	-1.40E-06	1.16E-05	2.62E-05	2.61E-05	2.93E-06	7.43E-06	-2.08E-05					
	869.80	-1.97E+00	-6.13E-01	-4.16E-01	2.13E-01	1.33E+00	-2.29E-01	-5.80E-01	-2.01E+00	61.29	-6.13E-01	-2.13E-01		
	203.60	-4.29E-05	9.42E-06	1.70E-05	1.64E-05	1.02E-04	-1.76E-05	1.07E-05	-4.42E-05					
	590.67	6.94E-02	-5.75E-03	2.17E-01	1.06E+00	9.84E-01	-1.30E+00	1.09E+00	-1.03E+00	43.98	-5.75E-03	-1.06E+00		
	16.00	-4.10E-07	-3.30E-06	5.25E-06	8.13E-05	7.57E-05	-1.00E-04	3.88E-05	-4.25E-05					
94	645.75	-1.49E-01	-1.07E-01	9.85E-02	6.81E-01	3.74E-01	-5.55E-01	5.53E-01	-8.09E-01	45.89	-1.49E-01	6.81E-01		

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	24.00	-4.01E-06	-2.38E-06	5.52E-06	5.24E-05	2.88E-05	-4.27E-05	2.30E-05	-2.94E-05				
95	613.10	-3.35E-01	-5.46E-01	-2.37E-01	1.15E+00	4.64E-01	3.22E-01	7.29E-01	-1.61E+00	42.42	-3.35E-01	1.16E+00	
	69.33	-6.05E-07	-9.71E-06	3.17E-06	8.94E-05	3.57E-05	2.47E-05	4.03E-05	-4.46E-05				
96	708.45	-3.13E-01	-8.14E-02	1.51E-01	5.55E-01	2.93E-01	-3.66E-01	2.70E-01	-7.65E-01	50.68	-4.23E-01	-5.21E-01	
	55.00	-9.36E-06	-4.62E-07	5.49E-06	4.27E-05	3.02E-05	-2.82E-05	1.69E-05	-2.67E-05				
97	613.10	-9.93E-01	-3.57E-01	-1.97E-01	3.64E-01	1.52E+00	-2.72E-01	-1.92E-01	-1.16E+00	65.57	-3.57E-01	-3.64E-01	
	96.00	-2.12E-05	3.26E-06	9.43E-06	2.00E-05	1.17E-04	-2.10E-05	9.62E-06	-2.76E-05				
98	682.27	-3.91E-01	-1.51E-01	9.19E-02	7.24E-01	4.68E-01	-2.58E-01	4.63E-01	-1.01E+00	49.71	3.67E-01	-3.63E-01	
	112.00	-1.01E-05	-8.49E-07	8.48E-06	5.57E-05	3.60E-05	-1.98E-05	2.28E-05	-3.37E-05				
99	751.43	-1.10E+00	2.83E-01	5.76E-02	8.45E-01	8.69E-01	-1.08E+00	6.67E-01	-1.58E+00	65.56	2.83E-01	-8.45E-01	
	96.00	-3.65E-05	2.02E-05	1.16E-05	6.50E-05	6.68E-05	-8.33E-05	3.85E-05	-5.13E-05				
100	682.25	-2.45E-01	5.82E-03	2.41E-01	2.79E-01	3.68E-01	-4.48E-01	1.86E-01	-4.26E-01	57.11	-2.45E-01	2.79E-01	
	152.00	-9.45E-06	2.03E-07	9.25E-06	2.14E-05	2.83E-05	-3.45E-05	7.14E-06	-1.64E-05				
101	648.67	-1.63E+00	-6.66E-01	-4.46E-01	1.28E-01	1.06E+00	-1.66E-01	-6.69E-01	-1.64E+00	82.53	-6.66E-01	-1.28E-01	
	192.00	-3.25E-05	4.50E-06	1.30E-05	9.87E-06	8.16E-05	-1.28E-05	5.14E-06	-3.31E-05				
102	725.25	-2.04E-01	1.98E-01	3.64E-01	3.14E-01	2.96E-01	-3.74E-01	3.70E-01	-3.76E-01	61.33	2.09E-03	-3.73E-01	
	232.70	-1.18E-05	3.69E-06	1.01E-05	2.41E-05	2.27E-05	-2.87E-05	1.03E-05	-1.84E-05				
103	635.50	-3.29E-01	-5.05E-01	-7.29E-02	-4.51E-02	2.38E-01	3.51E-01	-3.18E-01	-5.15E-01	-13.60	-3.29E-01	-4.51E-02	
	256.00	-2.69E-06	-9.44E-06	7.16E-06	-3.47E-06	1.83E-05	2.70E-05	-2.27E-06	-9.86E-06				
104	635.50	-4.77E-01	-3.56E-01	1.01E-01	-6.73E-02	8.43E-01	-2.56E-02	-3.26E-01	-5.07E-01	-66.02	-3.56E-01	6.73E-02	
	290.67	-1.03E-05	-5.64E-06	1.19E-05	-5.18E-06	6.48E-05	-1.97E-06	-4.49E-06	-1.15E-05				
105	569.00	3.02E-01	4.79E-02	2.13E-01	1.11E+00	4.45E-01	-1.08E+00	1.30E+00	-9.47E-01	41.75	3.02E-01	1.11E+00	
	16.50	5.43E-06	-4.34E-06	2.00E-06	8.58E-05	3.42E-05	-8.30E-05	4.37E-05	-4.26E-05				
106	508.50	2.61E+00	1.77E+00	1.79E+00	8.53E-01	1.10E+00	-2.85E-01	3.14E+00	1.24E+00	31.94	1.77E+00	-8.53E-01	
	13.00	3.24E-05	2.60E-07	1.19E-06	6.56E-05	8.44E-05	-2.19E-05	5.29E-05	-2.02E-05				
107	521.00	7.10E-01	3.09E-01	3.57E-01	1.13E+00	3.61E-01	-5.55E-01	1.65E+00	-6.34E-01	39.95	7.10E-01	1.13E+00	
	15.75	1.22E-05	-3.25E-06	-1.39E-06	8.66E-05	2.78E-05	-4.27E-05	4.85E-05	-3.95E-05				
108	526.25	6.23E-01	2.71E-01	3.38E-01	1.23E+00	3.12E-01	-5.82E-01	1.69E+00	-7.95E-01	40.94	6.23E-01	1.23E+00	
	21.00	1.04E-05	-3.11E-06	-5.39E-07	9.49E-05	2.40E-05	-4.48E-05	5.16E-05	-4.43E-05				
109	515.50	1.66E+00	1.14E+00	1.23E+00	1.55E+00	8.30E-01	-2.87E-01	2.97E+00	-1.65E-01	40.28	1.14E+00	-1.55E+00	
	26.00	1.05E-05	-3.23E-07	3.00E-06	1.19E-04	6.39E-05	-2.21E-05	6.99E-05	-5.08E-05				
110	531.50	2.92E-01	1.73E-01	2.27E-01	1.01E+00	2.29E-01	-5.21E-01	1.25E+00	-7.82E-01	43.32	2.92E-01	1.01E+00	
	34.50	3.62E-06	-9.63E-07	1.14E-06	7.79E-05	1.76E-05	-4.01E-05	4.03E-05	-3.77E-05				
111	515.50	-7.52E-01	-1.25E+00	-8.17E-01	2.98E+00	1.94E-01	6.94E-01	1.99E+00	-3.95E+00	42.63	-7.52E-01	2.98E+00	
	44.00	2.02E-06	-1.70E-05	-5.06E-07	2.29E-04	1.49E-05	5.83E-05	1.08E-04	-1.23E-04				
112	515.50	-1.26E-01	-1.69E-02	8.00E-02	6.87E-01	5.50E-01	-2.39E-01	6.18E-01	-7.61E-01	47.27	-1.69E-02	-6.87E-01	
	53.33	-4.15E-06	3.96E-08	3.77E-06	5.29E-05	4.23E-05	-1.84E-05	2.45E-05	-2.86E-05				
113	547.50	-2.33E-01	3.56E-01	1.78E-01	1.09E+00	2.90E-01	-1.53E+00	1.19E+00	-1.07E+00	52.57	6.94E-01	-9.35E-01	
	64.00	-1.23E-05	1.04E-05	3.55E-06	8.38E-05	2.23E-05	-1.17E-04	4.25E-05	-4.44E-05				
114	515.50	-8.41E-01	-1.02E+00	-6.67E-01	1.24E+00	9.72E-02	6.36E-03	3.18E-01	-2.18E+00	42.99	-8.41E-01	1.24E+00	
	74.67	-4.62E-06	-1.13E-05	2.09E-06	9.56E-05	7.48E-06	4.89E-07	4.00E-05	-5.59E-05				
115	515.50	-1.68E+00	-1.01E+00	-9.41E-01	4.54E-01	3.77E-01	-2.34E-01	-7.83E-01	-1.91E+00	63.18	-1.01E+00	-4.54E-01	
	88.00	-2.47E-05	9.89E-07	3.75E-06	3.49E-05	2.90E-05	-1.80E-05	9.81E-06	-3.35E-05				
116	547.50	-9.75E-01	-4.57E-02	-2.80E-01	1.40E+00	2.20E-01	-8.99E-01	9.66E-01	-1.95E+00	54.17	5.59E-01	-1.02E+00	
	104.00	-2.32E-05	1.25E-05	3.53E-06	1.09E-04	1.69E-05	-6.92E-05	5.15E-05	-6.21E-05				
117	515.50	-2.44E-01	-3.01E-01	-6.90E-02	1.02E+00	4.15E-02	-2.28E-01	7.44E-01	-1.29E+00	44.20	-2.44E-01	1.02E+00	
	120.00	-2.63E-06	-4.82E-06	4.09E-06	7.81E-05	3.19E-06	-1.75E-05	3.54E-05	-4.26E-05				
118	515.50	-9.80E-01	-5.46E-01	-4.04E-01	3.89E-01	2.52E-01	-1.94E-01	-3.17E-01	-1.21E+00	59.59	-5.46E-01	-3.89E-01	
	136.00	-1.65E-05	2.23E-07	5.66E-06	2.99E-05	1.94E-05	-1.49E-05	9.01E-06	-2.53E-05				
119	547.50	-8.80E-01	-3.65E-01	-3.04E-01	8.83E-01	1.36E-01	-3.89E-01	2.97E-01	-1.54E+00	53.14	2.03E-02	-6.57E-01	
	152.00	-1.66E-05	3.00E-06	5.33E-06	6.79E-05	1.04E-05	-3.00E-05	2.84E-05	-4.23E-05				
120	515.50	-4.31E-01	-4.41E-01	-1.38E-01	6.60E-01	7.63E-02	1.20E-01	2.24E-01	-1.10E+00	44.79	-4.31E-01	6.60E-01	
	168.00	-5.49E-06	-5.86E-06	5.79E-06	5.08E-05	5.87E-06	9.26E-06	1.97E-05	-3.11E-05				
121	515.50	-1.42E+00	-8.12E-01	-6.16E-01	2.90E-01	3.85E-01	-1.40E-01	-6.96E-01	-1.53E+00	68.08	-8.12E-01	-2.90E-01	
	184.00	-2.32E-05	1.40E-08	7.55E-06	2.23E-05	2.96E-05	-1.08E-05	4.50E-06	-2.77E-05				
122	547.50	-4.31E-01	3.61E-01	2.31E-01	9.76E-01	1.78E-01	-7.19E-01	1.02E+00	-1.09E+00	56.03	7.73E-01	-6.75E-01	
	200.00	-1.83E-05	1.21E-05	7.11E-06	7.51E-05	1.37E-05	-5.53E-05	3.74E-05	-4.36E-05				
123	515.50	1.89E-01	2.67E-01	4.46E-01	4.49E-01	2.83E-02	1.48E-01	6.79E-01	-2.22E-01	47.50	1.89E-01	4.49E-01	
	216.00	-2.66E-06	3.65E-07	7.25E-06	3.45E-05	2.18E-06	1.14E-05	1.62E-05	-1.85E-05				
124	515.50	-2.80E-01	-6.60E-02	1.83E-01	9.34E-02	2.69E-01	-9.43E-02	-3.09E-02	-3.15E-01	69.43	-6.60E-02	-9.34E-02	
	232.00	-8.97E-06	-7.45E-07	8.82E-06	7.19E-06	2.07E-05	-7.25E-06	6.03E-07	-1.03E-05				
125	547.50	1.09E-01	3.05E-01	4.60E-01	2.10E-01	9.94E-02	-8.28E-01	4.38E-01	-2.41E-02	57.52	3.92E-01	-1.39E-01	
	248.00	[illegible]49E-06	2.03E-06	8.31E-06	1.61E-05	7.65E-06	-6[illegible]-05	7.16E-06	-1.06E-05				
126	515.[illegible]	[illegible]6E-01	7.29E-01	7.88E-01	-1.17E-01	-7.86E-02	[illegible]02	7.88E-01	4.97E-01	-63.27	5.56E-01	-1.17[illegible]	

	264.[illegible]	1.30E-06	5.26E-06	7.52E-06	-8.08E-06	-6.05E-06	[illegible]E-06	7.52E-06	-3.65E-06				
127	515.[illegible]	8.60E-02	1.40E-01	3.[illegible]E-01	-4.4[illegible]E-03	-3.34E-02	[illegible]E-02	1.40E-01	9.50E-02	-65.29	1.40E-01	4.49E[illegible]	
	276.00	-3.08E-06	-1.00E-06	7.28E-06	-3.46E-07	-2.57E-06	-4.89E-06	-9.88E-07	-3.10E-06				
128	531.50	4.11E-01	2.22E-01	5.05E-01	5.17E-04	-6.88E-02	-4.14E-02	4.11E-01	2.22E-01	.16	4.11E-01	5.17E-04	
	297.00	3.31E-06	-3.98E-06	8.93E-06	3.98E-08	-5.30E-06	-3.18E-06	3.31E-06	-3.98E-06				
129	515.50	1.10E+00	5.44E-01	9.38E-01	-2.58E-01	-6.50E-02	4.31E-02	1.22E+00	5.44E-01	-24.95	1.10E+00	-2.58E-01	
	320.00	1.26E-05	-4.14E-06	6.39E-06	-1.99E-05	-5.00E-06	3.22E-06	1.72E-05	-8.76E-06				
183	565.50	8.48E-02	-1.23E-01	-6.76E-03	1.68E+00	5.80E-01	-1.22E+00	1.67E+00	-1.71E+00	43.24	8.48E-02	1.68E+00	
	-8.00	3.75E-06	-5.23E-06	2.31E-07	1.29E-04	4.46E-05	-5.42E-05	6.46E-05	-6.51E-05				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9500E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1939E+02	-.1210E+03	.1266E+01	.1317E+02	.2265E+02	-.1722E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.2349E+01	.1015E+01	.3892E+00	.1495E+02	-.6510E+01	-.1109E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.2057E+01	-.3494E+00	.1747E+00	.2545E+02	-.1430E+02	-.2072E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.2935E+01	.6700E+00	.1579E-01	.3606E+02	-.2295E+02	-.3056E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.3514E+01	-.5498E+00	.4604E-01	.4676E+02	-.3162E+02	-.4147E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.2895E+00	-.2199E+00	.1821E+00	.5321E+02	-.4054E+02	-.5539E+02
25	.6762E+01	.1105E+01	.3236E-01	.7840E+02	-.4468E+02	-.6948E+02
26	-.3649E+01	-.3996E+00	-.2205E-02	.8492E+02	-.4760E+02	-.7980E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.3694E+02	-.7180E+01	.1310E+01	.8724E+02	-.6791E+02	-.8834E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.6489E+03	.1130E+03	-.4748E+01	.1257E+03	-.1886E+03	-.1433E+03
40	.4616E+03	.7281E+02	.7582E+00	.1195E+03	-.1852E+03	-.1304E+03
41	.3114E+03	.4219E+02	.5748E+01	.1023E+03	-.1677E+03	-.1120E+03
42	.7309E+02	.5525E+01	.5610E+01	.8813E+02	-.1164E+03	-.9720E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.7928E+03	-.1053E+03	-.4079E+01	.2103E+02	-.2031E+03	.9118E+02
48	-.6517E+03	-.9107E+02	-.4773E+01	.3957E+02	-.1878E+03	.6380E+02

49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.1130E+04	-.1712E+03	-.5551E+01	-.2515E+02	-.1396E+03	.2352E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.3217E+01	.4277E+01	-.1395E-01	.1191E+02	-.1985E+03	.8709E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.7739E+03	-.1170E+03	-.5479E+01	-.9926E+01	-.1095E+03	.2177E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.5416E+03	-.8205E+02	-.7271E+01	-.1114E+02	-.9875E+02	.2109E+03
66	-.1795E+03	-.2751E+02	-.9095E+01	-.1419E+02	-.7089E+02	.2199E+03
67	.3725E+03	.5553E+02	-.9112E+01	-.1410E+02	-.4112E+02	.2187E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.6610E+03	.9902E+02	-.7540E+01	.1825E+02	-.1100E+02	.2343E+03
76	-.7336E+02	-.1081E+02	-.5175E+01	.2828E+02	.2447E+02	.2416E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	.2799E+03	.4256E+02	-.3921E+01	.3361E+02	.6489E+02	.2315E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.1181E+03	-.1693E+02	-.2691E+01	.4992E+02	.8851E+02	.2298E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.1648E+03	.2585E+02	-.2421E+01	.3625E+02	.1226E+03	.2101E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.1064E+03	-.1463E+02	-.2005E+01	.2884E+02	.1419E+03	.1903E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.1230E+03	.2006E+02	-.2010E+01	.3021E+02	.1707E+03	.1724E+03
109	-.7404E+02	-.9325E+01	-.1735E+01	.3006E+02	.1881E+03	.1482E+03
[illegible]	.0000E+00	.0000E+00	.0000E+00	.00[illegible]E+00	.0000E+00	.0000E+00
[illegible]	.0000E+00	.0000E+00	.0000E+00	.0[illegible]00	.0000E+00	.0000E+00
[illegible]	.1041E+03	.1763E+02	-.1537E+01	[illegible]02	.2103E+03	.1266E+03

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.5490E+02	.1035E+02	-.1917E+00	.55[illegible]	.2179E+03	.1029E+03
	.2322E+02	.5483E+01	.3843E+00	-.33[illegible]	.2188E+03	.7738E+02
116	.5817E+02	.1265E+02	.1213E+01	-.3290E+01	.2252E+03	.6495E+02
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.4737E+02	.1263E+02	.1915E+01	-.7722E+00	.2291E+03	.5193E+02
119	.5503E+02	.1057E+02	.2800E+01	-.1619E+02	.2064E+03	.3648E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.1152E+03	.1394E+02	.7004E+01	-.1084E+02	.1713E+03	.2383E+02
122	.9729E+02	.5211E+01	.1050E+02	.5443E+01	.1643E+03	.1808E+02
123	.7259E+02	.3131E+01	.9171E+01	.4620E+01	.1429E+03	.1607E+02
124	.5244E+02	.2189E+01	.6323E+01	.3360E+01	.1171E+03	.1444E+02
125	.3329E+02	.7196E+00	.4624E+01	.2317E+01	.9622E+02	.1289E+02
126	.8143E+01	-.3101E+01	.4291E+01	.9756E+00	.8000E+02	.1124E+02
127	-.1017E+02	-.6114E+01	.4338E+01	.6569E-01	.6740E+02	.9181E+01
128	-.2832E+02	-.8438E+01	.3992E+01	-.2061E+01	.4205E+02	.6890E+01
129	-.2786E+02	-.7174E+01	.3176E+01	-.3021E+01	.2212E+02	.4974E+01
130	-.1894E+02	-.4308E+01	.2128E+01	-.3202E+01	.7944E+01	.3778E+01
131	-.4766E+01	-.7424E+00	.1244E+01	-.2739E+01	.1051E+01	.3183E+01
132	.6100E+00	.3591E+00	.8819E+00	-.1741E+01	.2243E+01	.2860E+01
133	.9669E+00	.2896E+00	.8395E+00	-.1163E+01	.3488E+01	.2472E+01
134	.2635E+00	.7739E-01	.8600E+00	-.9834E+00	.3132E+01	.1961E+01
135	-.8696E-02	-.1661E-02	.9715E+00	-.6785E+00	.2206E+01	.1442E+01
136	-.1173E-01	.1689E-02	.1295E+01	-.4764E+00	.1409E+01	.9581E+00
137	-.3565E-01	-.1246E-01	.2071E+01	-.3219E+00	.6283E+00	.5216E+00
138	.1802E-01	.5523E-01	.3817E+02	-.1992E+00	-.1617E+00	.2570E+00
139	.3986E-01	.6460E-01	-.2260E+02	-.3327E-01	.8626E-01	-.8431E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.20607E-01	-.10455E-03	.20542E-01	.00000E+00
3	-.37536E-01	-.36049E-03	.37562E-01	.00000E+00
4	-.40741E-01	-.35373E-03	.40732E-01	.00000E+00
5	-.44029E-01	-.36520E-04	.44045E-01	.00000E+00
6	-.49732E-01	.12139E-04	.49727E-01	-.57947E-05
7	-.45662E-01	-.61784E-03	.46184E-01	.00000E+00
8	-.49862E-01	-.45048E-03	.49990E-01	-.80267E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.20362E-01	-.19162E-03	.20495E-01	.00000E+00
11	-.37749E-01	-.38767E-03	.38147E-01	.00000E+00
12	-.42149E-01	-.41331E-03	.42611E-01	.00000E+00
13	-.45640E-01	-.30649E-03	.45806E-01	.00000E+00
14	-.50157E-01	-.37501E-03	.50683E-01	-.28532E-05
15	-.46289E-01	-.79712E-03	.47819E-01	.00000E+00
16	-.50593E-01	-.59324E-03	.51825E-01	.31992E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.20570E-01	-.24447E-03	.21115E-01	.00000E+00
19	-.38470E-01	-.40536E-03	.39673E-01	.00000E+00
20	-.43039E-01	-.48475E-03	.44524E-01	.00000E+00
21	-.46742E-01	-.23533E-03	.47994E-01	.00000E+00
22	-.51201E-01	-.20260E-03	.53427E-01	-.38695E-06
23	-.48016E-01	-.11108E-02	.51444E-01	.00000E+00
24	-.51949E-01	-.85573E-03	.55540E-01	-.13930E-04
25	-.52475E-01	-.11920E-02	.56924E-01	.11897E-05
26	-.52779E-01	-.10543E-02	.57750E-01	.81953E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.20677E-01	-.46522E-03	.21458E-01	.00000E+00
29	-.39422E-01	-.76701E-03	.40936E-01	.00000E+00
30	-.44065E-01	-.81777E-03	.46626E-01	.00000E+00
31	-.48330E-01	-.10431E-02	.51877E-01	.00000E+00
32	-.53106E-01	-.12189E-02	.58671E-01	-.30523E-04

	-.45233E-01	-.17073E-02	.51741E-01	.00000E+00
	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	-.20578E-01	-.75012E-03	.21367E-01	.00000E+00
36	-.39794E-01	-.95583E-03	.41026E-01	.00000E+00
37	-.44593E-01	-.10259E-02	.46236E-01	.00000E+00
38	-.45601E-01	-.12175E-02	.53587E-01	.00000E+00
39	-.53666E-01	-.17338E-02	.60223E-01	.33682E-04
40	-.53567E-01	-.19445E-02	.59861E-01	.77366E-05
41	-.53472E-01	-.19199E-02	.59526E-01	-.11144E-04
42	-.53329E-01	-.16557E-02	.59150E-01	-.30207E-04
43	-.44317E-01	-.14672E-02	.44454E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.19360E-01	.29420E-03	.18054E-01	.00000E+00
46	-.39889E-01	-.81345E-03	.38486E-01	.00000E+00
47	-.53713E-01	-.14650E-02	.60350E-01	.27679E-04
48	-.53699E-01	-.15887E-02	.60343E-01	.43720E-04
49	-.49644E-01	-.13034E-02	.53080E-01	.00000E+00
50	-.54224E-01	-.15795E-02	.60575E-01	.12515E-03
51	-.50322E-01	-.15519E-02	.51300E-01	.00000E+00
52	-.56318E-01	-.13796E-02	.56351E-01	.00000E+00
53	-.53746E-01	-.13224E-02	.60378E-01	.40234E-05
54	-.44270E-01	-.77545E-03	.40909E-01	.00000E+00
55	-.49642E-01	-.12887E-02	.45054E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.16618E-01	-.17561E-02	.13168E-01	.00000E+00
58	-.35634E-01	-.85585E-03	.25089E-01	.00000E+00
59	-.57488E-01	-.83075E-03	.52514E-01	.00000E+00
60	-.56543E-01	-.12585E-02	.54495E-01	.00000E+00
61	-.54706E-01	-.15796E-02	.60722E-01	.19208E-03
62	-.41843E-01	-.29523E-03	.30354E-01	.00000E+00
63	-.48175E-01	-.53289E-04	.37442E-01	.00000E+00
64	-.57470E-01	-.13009E-02	.57151E-01	.00000E+00
65	-.55356E-01	-.15905E-02	.60861E-01	.23829E-03
66	-.56962E-01	-.15786E-02	.61139E-01	.28876E-03
67	-.58692E-01	-.15713E-02	.61441E-01	.27474E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	-.13058E-01	.26053E-03	.74292E-02	.00000E+00
70	-.37594E-01	.13499E-03	.24030E-01	.00000E+00
71	-.56035E-01	.30758E-03	.42729E-01	.00000E+00
72	-.59057E-01	-.11257E-02	.57136E-01	.00000E+00
73	-.46220E-01	.16697E-03	.26574E-01	.00000E+00
74	-.62651E-01	-.10474E-02	.59820E-01	.00000E+00
75	-.60160E-01	-.15652E-02	.61707E-01	.20846E-03
76	-.62125E-01	-.16076E-02	.62258E-01	.14530E-03
77	-.53195E-01	.82720E-03	.33459E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.15609E-01	-.49930E-03	.92478E-02	.00000E+00
80	-.35876E-01	.61209E-03	.19983E-01	.00000E+00
81	-.39613E-01	.79495E-03	.21409E-01	.00000E+00
82	-.44471E-01	.11917E-02	.26853E-01	.00000E+00
83	-.62467E-01	.81926E-03	.47384E-01	.00000E+00
84	-.58602E-01	.13609E-02	.37048E-01	.00000E+00
85	-.64349E-01	-.16041E-02	.62915E-01	.11593E-03
86	-.64354E-01	-.10704E-02	.61886E-01	.00000E+00
87	-.53429E-01	.11506E-02	.30324E-01	.00000E+00
88	-.65042E-01	-.48798E-03	.55157E-01	.00000E+00
89	-.65869E-01	-.16618E-02	.63594E-01	.92836E-04
90	-.40540E-01	.41334E-03	.11746E-01	.00000E+00
91	-.43531E-01	.81308E-03	.13700E-01	.00000E+00
92	-.46656E-01	.29721E-03	.14893E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.17394E-01	.00000E+00	.44622E-02	.00000E+00
95	-.32034E-01	.00000E+00	.79832E-02	.00000E+00
96	-.36748E-01	.00000E+00	.93555E-02	.00000E+00

97	-.39303E-01	.00000E+00	.86630E-02	.00000E+00
98	-.37541E-01	.00300E+00	.81685E-02	.00000E+00
99	-.41245E-01	-.74550E-05	.96157E-02	.00000E+00
100	-.51395E-01	.43719E-03	.20104E-01	.00000E+00
101	-.62334E-01	.33410E-03	.36627E-01	.00000E+00
102	-.68231E-01	-.17072E-02	.64537E-01	.83669E-04
103	-.65399E-01	.48543E-03	.48053E-01	.00000E+00
104	-.69306E-01	-.13871E-02	.64167E-01	.00000E+00
105	-.69870E-01	-.17261E-02	.65378E-01	.72173E-04
106	-.68410E-01	.55131E-03	.53980E-01	.00000E+00
107	-.71993E-01	-.14300E-02	.64999E-01	.00000E+00
108	-.71764E-01	-.17379E-02	.66142E-01	.68877E-04
109	-.73121E-01	-.17458E-02	.66809E-01	.58350E-04
110	-.72171E-01	-.12191E-02	.57346E-01	.00000E+00
111	-.74902E-01	-.19034E-02	.66695E-01	.00000E+00
112	-.74603E-01	-.17607E-02	.67351E-01	.52225E-04
113	-.74313E-01	-.81542E-03	.61072E-01	.00000E+00
114	-.75417E-01	-.16919E-02	.67801E-01	.19581E-04
115	-.75682E-01	-.16588E-02	.68118E-01	.42382E-05
116	-.75639E-01	-.15705E-02	.68321E-01	-.92504E-05
117	-.75321E-01	-.20675E-02	.68486E-01	.00000E+00
118	-.75469E-01	-.15474E-02	.68400E-01	-.19184E-04
119	-.74945E-01	-.14978E-02	.68480E-01	-.32938E-04
120	-.76077E-01	-.15337E-02	.68687E-01	.00000E+00
121	-.73916E-01	-.14114E-02	.68500E-01	-.55587E-04
122	-.73803E-01	-.95096E-03	.68601E-01	-.66108E-04
123	-.73638E-01	-.52526E-03	.68680E-01	-.74327E-04
124	-.73444E-01	-.46647E-04	.68759E-01	-.83642E-04
125	-.73193E-01	.49370E-03	.68840E-01	-.94475E-04
126	-.72707E-01	.15152E-02	.68974E-01	-.10636E-03
127	-.72193E-01	.25946E-02	.69103E-01	-.10680E-03
128	-.71230E-01	.47513E-02	.69368E-01	-.84797E-04
129	-.70592E-01	.62789E-02	.69611E-01	-.53274E-04
130	-.70254E-01	.71716E-02	.69874E-01	-.17109E-04
131	-.70350E-01	.69190E-02	.70275E-01	.20569E-04
132	-.70748E-01	.57129E-02	.70627E-01	.30111E-04
133	-.71088E-01	.44654E-02	.70935E-01	.25092E-04
134	-.71306E-01	.34811E-02	.71184E-01	.20098E-04
135	-.71455E-01	.26391E-02	.71383E-01	.18426E-04
136	-.71562E-01	.18163E-02	.71529E-01	.18653E-04
137	-.71625E-01	.10392E-02	.71616E-01	.18552E-04
138	-.71668E-01	.15214E-03	.71668E-01	.19279E-04
139	-.71668E-01	.18939E-04	.71668E-01	.18884E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9600E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-5.70E-03	-6.07E-02	-1.93E-02	-2.51E+00	-4.39E-03	2.52E+00	2.47E+00	-2.54E+00	-44.69	-5.70E-03	-2.51E+00
	-303.00	8.54E-07	-1.65E-06	2.35E-07	-2.28E-04	-3.99E-07	2.29E-04	1.14E-04	-1.14E-04			
2	72.00	-2.80E-02	-8.57E-02	7.12E-03	-2.10E+00	1.75E-03	2.16E+00	2.04E+00	-2.16E+00	-44.61	-2.80E-02	-2.10E+00
	-213.00	1.12E-07	-2.51E-06	1.71E-06	-1.91E-04	1.59E-07	1.96E-04	9.43E-05	-9.67E-05			
3	72.00	-3.38E-01	-9.76E-02	4.32E-02	-1.40E+00	1.21E-01	1.52E+00	1.19E+00	-1.62E+00	-47.46	-3.38E-01	-1.40E+00
	-138.00	-5.63E-06	-1.57E-07	3.04E-06	-6.37E-05	5.51E-06	6.89E-05	2.91E-05	-3.48E-05			
4	24.00	-1.47E+00	-7.18E-01	-8.89E-01	-2.60E+00	3.91E-01	2.81E+00	1.53E+00	-3.72E+00	-49.11	-1.47E+00	-2.60E+00
	-66.00	-2.27E-05	6.17E-06	-3.50E-07	-2.00E-04	3.01E-05	2.16E-04	9.26E-05	-1.09E-04			
5	72.00	4.44E-01	1.96E-01	4.85E-01	-1.13E+00	-6.67E-02	1.24E+00	1.46E+00	-8.26E-01	-41.75	1.86E-01	1.13E+00
	-8E.00	4.93E-06	-5.11E-06	6.41E-06	-8.72E-05	-5.13E-06	9.51E-05	4.38E-05	-4.40E-05			
6	120.00	2.31E-01	2.28E-01	3.24E-01	-2.22E+00	-1.18E-01	2.30E+00	2.45E+00	-1.99E+00	-44.97	-1.95E+00	3.98E-01
	-68.00	[illegible]02E-07	1.52E-07	3.85E-06	-1.71E-04	-9.10E-06	[illegible]-04	8.55E-05	-8.51E-05			
7	.36	[illegible]21E-01	-2.52E-01	-1.83E-01	-1.20E+00	1.58E-01	[illegible]+00	7.81E-01	-1.65E+00	-49.37	-5.80E-01	-1.[illegible]

	-10.00	[illegible]23E-05	1.93E-06	4.57E-06	-9.26E-05	1.22E-05	[illegible]-05	4.16E-05	-5.20E-05					
8	108.00	[illegible]79E-02	1.29E-01	1.09E-01	-9.42E-01	-1.20E-02	1[illegible]+00	1.04E+00	-8.49E-01	-46.09	5.79E-02	-9.42E-[illegible]		
	-10.00	-1.90E-06	8.52E-07	3.11E-06	-7.25E-05	-9.24E-07	7.89E-05	3.57E-05	-3.68E-05					
9	216.00	-1.20E-01	-1.57E-01	-9.67E-02	-2.50E+00	1.51E-02	2.55E+00	2.26E+00	-2.64E+00	-44.79	-1.20E-01	-2.50E+00		
	-303.00	-7.28E-07	-2.42E-06	7.85E-07	-2.28E-04	1.37E-06	2.32E-04	1.12E-04	-1.15E-04					
10	216.00	-1.84E-01	-1.57E-01	-5.52E-02	-2.16E+00	5.30E-02	2.23E+00	1.99E+00	-2.33E+00	-45.18	-1.84E-01	-2.16E+00		
	-213.00	-3.23E-06	-1.58E-06	2.64E-06	-1.96E-04	4.82E-06	2.03E-04	9.55E-05	-1.01E-04					
11	216.00	-3.42E-01	-1.26E-01	9.06E-02	-1.66E+00	1.74E-01	1.75E+00	1.43E+00	-1.90E+00	-46.86	-3.42E-01	-1.66E+00		
	-138.00	-5.80E-06	-2.75E-07	4.04E-06	-7.55E-05	7.91E-06	7.96E-05	3.45E-05	-4.12E-05					
12	168.00	-7.08E-01	-5.47E-01	-4.02E-01	-2.50E+00	3.28E-01	2.55E+00	1.87E+00	-3.13E+00	-45.92	-7.08E-01	-2.50E+00		
	-68.00	-9.02E-06	-2.84E-06	2.75E-06	-1.93E-04	2.52E-05	1.96E-04	5.02E-05	-1.02E-04					
13	216.00	6.37E-01	2.00E-01	5.75E-01	-1.02E+00	-3.78E-02	1.10E+00	1.46E+00	-6.26E-01	-38.97	2.00E-01	1.02E+00		
	-88.00	9.97E-06	-7.81E-06	6.60E-06	-7.86E-05	-2.91E-06	8.46E-05	4.08E-05	-3.96E-05					
14	264.00	-4.85E-02	1.96E-01	2.55E-01	-2.17E+00	-3.86E-02	2.24E+00	2.25E+00	-2.10E+00	-46.61	-2.04E+00	5.11E-01		
	-68.00	-6.29E-06	3.11E-06	5.40E-06	-1.67E-04	-2.97E-06	1.72E-04	8.20E-05	-8.51E-05					
15	180.00	-2.80E-01	-5.51E-02	4.03E-02	-1.05E+00	2.23E-01	1.03E+00	8.91E-01	-1.23E+00	-48.05	-2.80E-01	-1.05E+00		
	-19.00	-7.54E-06	1.12E-06	4.80E-06	-8.10E-05	1.71E-05	7.95E-05	3.75E-05	-4.39E-05					
16	252.00	-1.49E-01	9.46E-02	2.04E-01	-8.96E-01	7.99E-02	1.08E+00	8.77E-01	-9.31E-01	-48.87	-1.49E-01	-8.96E-01		
	-19.00	-7.37E-06	2.00E-06	6.19E-06	-6.89E-05	6.15E-06	8.32E-05	3.21E-05	-3.74E-05					
17	361.00	-1.57E-01	-2.36E-01	-1.29E-01	-2.53E+00	2.00E-03	2.61E+00	2.33E+00	-2.73E+00	-44.55	-1.57E-01	-2.53E+00		
	-303.00	-3.65E-07	-3.94E-06	9.18E-07	-2.30E-04	2.54E-07	2.37E-04	1.13E-04	-1.17E-04					
18	361.00	-2.29E-01	-2.06E-01	-8.78E-02	-2.26E+00	2.97E-02	2.34E+00	2.04E+00	-2.48E+00	-45.15	-2.29E-01	-2.26E+00		
	-213.00	-3.62E-06	-2.57E-06	2.80E-06	-2.06E-04	2.70E-06	2.13E-04	9.97E-05	-1.06E-04					
19	361.00	-3.89E-01	-1.47E-01	1.05E-01	-1.75E+00	1.51E-01	1.97E+00	1.49E+00	-2.02E+00	-46.97	-3.89E-01	-1.75E+00		
	-138.00	-6.57E-06	-1.09E-06	4.64E-06	-7.96E-05	6.88E-06	8.96E-05	3.61E-05	-4.37E-05					
20	312.00	-1.25E+00	-8.47E-01	-6.74E-01	-2.80E+00	5.64E-01	3.02E+00	1.76E+00	-3.86E+00	-47.07	-1.25E+00	-2.80E+00		
	-68.00	-1.77E-05	-2.12E-06	4.57E-06	-2.16E-04	4.34E-05	2.33E-04	9.82E-05	-1.18E-04					
21	360.67	1.06E+00	5.13E-01	8.89E-01	-1.31E+00	-1.47E-01	1.59E+00	2.13E+00	-5.54E-01	-39.08	5.13E-01	1.31E+00		
	-88.00	1.38E-05	-7.37E-06	7.10E-06	-1.01E-04	-1.13E-05	1.23E-04	5.49E-05	-4.84E-05					
22	409.33	-6.50E-01	-8.62E-01	-3.77E-01	-2.69E+00	-5.22E-03	3.35E+00	1.94E+00	-3.45E+00	-43.87	-3.41E+00	4.53E-01		
	-68.00	-4.24E-06	-1.24E-05	6.26E-06	-2.07E-04	-4.02E-07	2.57E-04	9.53E-05	-1.12E-04					
23	324.00	-5.45E-01	-1.16E-01	3.05E-02	-1.08E+00	3.97E-01	1.09E+00	7.69E-01	-1.43E+00	-50.63	-5.45E-01	-1.08E+00		
	-19.00	-1.40E-05	2.47E-06	8.10E-06	-8.30E-05	3.05E-05	8.40E-05	3.65E-05	-4.81E-05					
24	372.00	-2.70E-01	3.06E-01	3.50E-01	-2.88E+00	3.80E-01	3.10E+00	2.91E+00	-2.88E+00	-47.86	-2.70E-01	-2.88E+00		
	-9.33	-1.46E-05	7.53E-06	9.22E-06	-2.22E-04	2.92E-05	2.39E-04	1.08E-04	-1.15E-04					
25	401.25	-1.85E-01	1.39E-03	2.98E-01	-9.46E-01	1.16E-01	1.27E+00	8.59E-01	-1.04E+00	-47.82	7.15E-01	-5.04E-01		
	-19.00	-8.38E-06	-1.20E-06	1.02E-05	-7.28E-05	9.90E-06	9.78E-05	3.18E-05	-4.14E-05					
26	427.67	-1.24E+00	-9.64E-01	-5.92E-01	-3.24E+00	5.22E-01	4.39E+00	2.14E+00	-4.35E+00	-46.24	-3.14E+00	-2.53E+00		
	-9.33	-1.72E-05	-6.43E-06	8.29E-06	-2.50E-04	4.01E-05	3.38E-04	1.13E-04	-1.37E-04					
27	457.00	-1.89E-01	-3.61E-01	-1.93E-01	-2.56E+00	-2.03E-02	2.62E+00	2.28E+00	-2.83E+00	-44.04	-1.89E-01	-2.56E+00		
	-303.00	1.07E-06	-6.75E-06	8.58E-07	-2.32E-04	-1.85E-06	2.39E-04	1.13E-04	-1.19E-04					
28	457.00	-2.09E-01	-2.08E-01	-9.39E-02	-2.38E+00	-2.62E-02	2.41E+00	2.17E+00	-2.58E+00	-45.01	-2.09E-01	-2.38E+00		
	-213.00	-2.86E-06	-2.82E-06	2.37E-06	-2.16E-04	-2.38E-06	2.19E-04	1.05E-04	-1.11E-04					
29	457.00	-6.44E-01	-2.67E-01	-5.53E-02	-1.83E+00	-1.56E-01	2.04E+00	1.38E+00	-2.29E+00	-47.94	-6.44E-01	-1.83E+00		
	-138.00	-9.54E-06	-1.01E-06	3.81E-06	-8.30E-05	-7.08E-06	9.28E-05	3.64E-05	-4.70E-05					
30	442.00	-5.46E-01	-1.23E+00	-5.00E-01	-3.11E+00	-1.49E-01	3.41E+00	2.24E+00	-4.02E+00	-41.86	-5.46E-01	-3.11E+00		
	-68.00	4.03E-06	-2.23E-05	5.79E-06	-2.39E-04	-1.15E-05	2.62E-04	1.11E-04	-1.30E-04					
31	457.33	3.73E+00	1.81E+00	2.35E+00	-1.12E+00	-1.82E+00	1.85E+00	4.25E+00	1.29E+00	-24.72	1.81E+00	1.12E+00		
	-88.00	5.68E-05	-1.71E-05	3.61E-06	-9.64E-05	-1.40E-04	1.42E-04	7.67E-05	-3.70E-05					
32	472.67	-5.91E+00	-4.65E+00	-4.10E+00	-2.72E+00	1.05E+00	4.41E+00	-2.49E+00	-8.07E+00	-51.54	-7.52E+00	-1.66E+00		
	-68.00	-6.62E-05	-1.78E-05	3.50E-06	-2.09E-04	8.04E-05	3.39E-04	6.52E-05	-1.49E-04					
33	443.00	-6.00E-01	-4.17E-01	-2.81E-02	-1.56E+00	1.54E-01	1.69E+00	1.05E+00	-2.07E+00	-46.68	-6.00E-01	-1.56E+00		
	-19.50	-1.16E-05	-4.56E-06	1.04E-05	-1.20E-04	1.19E-05	1.30E-04	5.20E-05	-6.81E-05					
34	454.00	-4.65E+00	-3.27E+00	-2.89E+00	-4.04E+00	1.23E+00	5.58E+00	1.37E-01	-8.06E+00	-49.83	-6.24E+00	-3.40E+00		
	-11.33	-6.00E-05	-7.10E-06	7.73E-06	-3.11E-04	9.45E-05	4.29E-04	1.24E-04	-1.91E-04					
35	461.67	-9.14E-01	-1.01E+00	-4.93E-01	-3.84E+00	2.97E-01	5.75E+00	2.87E+00	-4.80E+00	-44.64	-9.14E-01	-3.84E+00		
	-12.00	-8.61E-06	-1.23E-05	7.60E-06	-2.95E-04	2.28E-05	4.42E-04	1.37E-04	-1.56E-04					
36	449.00	2.78E+00	1.13E+00	1.87E+00	-3.92E-01	-1.63E+00	2.30E+00	2.87E+00	1.04E+00	-12.65	1.13E+00	3.92E-01		
	-30.00	4.36E-05	-2.02E-05	8.31E-06	-3.01E-05	-1.26E-04	1.77E-04	4.70E-05	-2.36E-05					
37	476.33	-1.95E+00	-2.55E+00	-1.50E+00	-2.59E+00	3.22E-01	4.74E+00	3.51E-01	-4.86E+00	-41.68	-2.99E+00	-2.50E+00		
	-12.00	-9.00E-06	-3.22E-05	8.18E-06	-1.99E-04	2.48E-05	3.65E-04	7.95E-05	-1.21E-04					
38	558.50	1.52E-01	1.11E-02	7.06E-02	-2.40E+00	-8.64E-02	2.47E+00	2.49E+00	-2.32E+00	-44.16	1.52E-01	-2.40E+00		
	-303.00	3.89E-06	-2.53E-06	1.71E-07	-2.19E-04	-7.85E-06	2.24E-06	1.10E-04	-1.09E-04					
39	558.50	-8.27E-02	-3.21E-01	-1.58E-01	-2.39E+00	-3.75E-03	2.43E+00	2.19E+00	-2.55E+00	-43.57	-8.27E-02	-2.39E+00		

	-213.00	3.55E-05	-7.30E-06	9.93E-08	-2.17E-04	-1.59E-05	2.19E-04	1.07E-04	-1.10E-04				
40	506.17	-1.61E-02	-6.43E-01	-5.75E-02	-5.31E+00	-5.53E-01	5.12E+00	4.98E+00	-5.64E+00	-43.31	-1.61E-02	-5.31E+00	
	-128.00	3.39E-06	-1.09E-05	2.45E-06	-2.41E-04	-2.52E-05	2.33E-04	1.17E-04	-1.25E-04				
41	558.50	1.45E+00	-4.55E-01	1.54E-01	-2.30E+00	-1.49E+00	3.31E+00	2.99E+00	-2.00E+00	-33.79	-4.55E-01	2.30E+00	
	-148.00	2.69E-05	-1.63E-05	-2.51E-06	-1.05E-04	-6.78E-05	1.51E-04	6.19E-05	-5.14E-05				
42	610.83	-3.48E-01	-7.98E-01	-4.75E-01	-4.64E+00	-9.43E-01	3.99E+00	4.08E+00	-5.22E+00	-43.61	-5.11E+00	1.00E+00	
	-128.00	5.95E-07	-9.63E-06	-2.30E-06	-2.11E-04	-4.29E-05	1.82E-04	1.01E-04	-1.10E-04				
43	501.38	3.33E-01	9.61E-02	3.37E-01	-1.19E+00	-5.42E-01	1.48E+00	1.41E+00	-9.86E-01	-42.17	3.33E-01	-1.19E+00	
	-78.00	4.30E-06	-4.73E-06	4.55E-06	-9.19E-05	-4.17E-05	1.14E-04	4.60E-05	-4.63E-05				
44	534.67	-7.31E-01	-4.87E-01	-4.78E-01	-3.80E+00	-3.27E-01	4.87E+00	3.19E+00	-4.41E+00	-45.92	-4.33E+00	7.80E-01	
	-68.00	-9.49E-08	-9.14E-08	2.56E-07	-2.92E-04	-2.52E-05	3.75E-04	1.41E-04	-1.51E-04				
45	584.67	6.06E-01	4.75E-01	4.77E-01	-3.71E+00	-1.04E+00	3.13E+00	4.30E+00	-3.13E+00	-44.15	6.96E-01	-3.71E+00	
	-68.00	8.67E-06	1.54E-07	2.34E-07	-2.86E-04	-7.98E-05	2.41E-04	1.47E-04	-1.38E-04				
46	610.83	3.65E+00	1.10E+00	1.70E+00	-2.02E+00	-1.79E+00	2.58E+00	4.77E+00	-1.56E-02	-28.87	1.10E+00	2.02E+00	
	-88.00	6.96E-05	-2.86E-05	-5.50E-06	-1.56E-04	-1.38E-04	1.99E-04	1.13E-04	-7.16E-05				
47	482.63	1.91E-01	6.72E-03	4.66E-01	-8.50E-01	-5.01E-01	1.70E+00	9.54E-01	-7.56E-01	-41.91	1.91E-01	-8.50E-01	
	-21.00	4.66E-08	-7.04E-06	1.06E-05	-6.54E-05	-3.85E-05	1.31E-04	2.94E-05	-3.64E-05				
48	485.83	-5.26E-01	-7.16E-01	-2.39E-01	-2.48E+00	-6.73E-02	5.28E+00	1.86E+00	-3.10E+00	-43.90	-8.46E-01	-2.47E+00	
	-12.00	-3.95E-06	-1.13E-05	7.07E-06	-1.90E-04	-5.18E-06	4.06E-04	8.77E-05	-1.03E-04				
49	507.88	-4.37E-02	1.84E-01	3.73E-01	-9.35E-01	-3.23E-01	1.89E+00	1.01E+00	-8.72E-01	-48.47	-4.37E-02	-9.35E-01	
	-21.00	-7.32E-06	1.44E-06	8.70E-06	-7.20E-05	-2.48E-05	1.45E-04	3.33E-05	-3.92E-05				
50	538.67	-7.59E-01	-6.02E-02	-2.62E-01	-3.37E+00	-1.32E+00	4.10E+00	2.97E+00	-3.79E+00	-47.96	-3.73E+00	6.73E-01	
	-10.00	-1.73E-05	9.56E-06	1.82E-06	-2.59E-04	-1.02E-04	3.23E-04	1.26E-04	-1.34E-04				
51	484.67	1.16E+01	8.01E+00	8.32E+00	2.08E-01	-9.64E-01	5.41E-01	1.16E+01	8.00E+00	3.34	8.01E+00	-2.08E-01	
	8.00	1.38E-04	1.53E-06	1.37E-05	1.60E-05	-7.41E-05	4.16E-05	1.38E-04	1.07E-06				
52	507.00	-3.15E+00	-3.69E+00	-2.38E+00	-2.06E+00	-6.15E-01	-1.80E+00	-1.34E+00	-5.50E+00	-41.30	-5.08E+00	-1.25E+00	
	9.00	-1.99E-05	-4.05E-05	9.69E-06	-1.58E-04	-4.73E-05	-1.39E-04	4.97E-05	-1.10E-04				
53	603.00	-1.79E-01	3.58E-02	-2.18E-01	-1.45E+00	-7.06E-01	1.31E+00	1.38E+00	-1.52E+00	-47.12	7.48E-01	-1.20E+00	
	-18.00	-2.92E-06	5.34E-06	-4.41E-06	-1.11E-04	-5.43E-05	1.01E-04	5.71E-05	-5.47E-05				
54	717.00	1.86E-01	-1.93E-01	-4.45E-02	-2.27E+00	-1.97E-01	1.97E+00	2.28E+00	-2.29E+00	-42.61	1.86E-01	-2.27E+00	
	-303.00	9.14E-06	-8.12E-06	-1.35E-06	-2.07E-04	-1.79E-05	1.79E-04	1.04E-04	-1.03E-04				
55	712.00	1.24E+00	7.06E-01	6.09E-01	-2.49E+00	-6.42E-01	1.93E+00	3.48E+00	-1.53E+00	-41.92	1.24E+00	-2.49E+00	
	-213.00	2.33E-05	-1.16E-06	-5.55E-06	-2.27E-04	-5.84E-05	1.76E-04	1.25E-04	-1.03E-04				
56	712.00	1.57E+00	8.09E-01	1.75E-01	-1.91E+00	-1.55E+00	1.43E+00	3.14E+00	-7.56E-01	-39.37	1.57E+00	-1.91E+00	
	-138.00	2.23E-05	4.99E-06	-9.41E-06	-8.68E-05	-7.04E-05	6.50E-05	5.79E-05	-3.06E-05				
57	712.00	3.44E-01	-5.18E-02	-2.69E-01	-1.19E+00	-6.50E-01	1.23E+00	1.36E+00	-1.06E+00	-40.29	3.44E-01	-1.19E+00	
	-78.00	1.30E-05	-2.25E-06	-1.06E-05	-9.18E-05	-5.00E-05	9.45E-05	5.19E-05	-4.12E-05				
58	712.00	5.00E-01	4.25E-01	-5.94E-02	-1.60E+00	-6.01E-01	1.39E+00	2.06E+00	-1.14E+00	-44.32	5.00E-01	-1.60E+00	
	-18.00	9.73E-06	6.82E-06	-1.18E-05	-1.23E-04	-4.62E-05	1.07E-04	6.98E-05	-5.32E-05				
59	837.00	6.45E+00	3.59E+00	4.02E+00	-1.90E+00	-9.66E-01	1.61E+00	7.40E+00	2.64E+00	-26.50	3.59E+00	1.90E+00	
	-318.00	1.11E-04	-1.95E-05	.00E+00	-1.73E-04	-8.78E-05	1.46E-04	1.54E-04	-6.26E-05				
60	887.00	9.62E-01	1.38E-01	4.40E-01	-5.08E+00	-4.21E-01	3.43E+00	5.64E+00	-4.54E+00	-42.68	-4.12E+00	2.02E+00	
	-288.00	2.37E-05	-1.37E-05	.00E+00	-4.61E-04	-3.83E-05	3.11E-04	2.36E-04	-2.26E-04				
61	987.00	-1.11E+00	-7.31E-01	-7.37E-01	-5.16E+00	1.33E-01	2.95E+00	4.24E+00	-6.08E+00	-46.05	-1.11E+00	-5.16E+00	
	-288.00	-1.70E-05	2.53E-07	.00E+00	-4.69E-04	1.21E-05	2.68E-04	2.26E-04	-2.43E-04				
62	1037.00	6.38E+00	3.85E+00	4.09E+00	-3.78E+00	-6.78E-01	2.26E+00	9.10E+00	1.13E+00	-35.74	3.85E+00	3.78E+00	
	-318.00	1.04E-04	-1.11E-05	.00E+00	-3.44E-04	-6.17E-05	2.06E-04	2.26E-04	-1.35E-04				
63	862.00	1.18E-01	9.48E-02	-2.12E-01	-2.55E+00	-1.43E-01	1.75E+00	2.66E+00	-2.45E+00	-44.87	1.18E-01	-2.55E+00	
	-213.00	5.33E-06	4.30E-06	-9.62E-06	-2.32E-04	-1.30E-05	1.59E-04	1.21E-04	-1.11E-04				
64	1012.00	-3.93E-01	-2.12E-01	-5.57E-01	-2.75E+00	3.09E-02	1.67E+00	2.45E+00	-3.05E+00	-45.95	-3.93E-01	-2.75E+00	
	-213.00	-2.78E-06	5.47E-06	-1.02E-05	-2.50E-04	2.81E-06	1.52E-04	1.26E-04	-1.24E-04				
65	837.00	-5.77E-02	2.57E-01	-8.67E-01	-1.92E+00	-8.82E-01	1.93E+00	2.03E+00	-1.83E+00	-47.34	2.57E-01	1.92E+00	
	-148.00	2.15E-06	9.34E-06	-1.62E-05	-8.74E-05	-4.01E-05	8.76E-05	4.96E-05	-3.81E-05				
66	937.00	2.93E-01	2.08E-01	-6.81E-01	-3.37E+00	-3.31E-01	2.08E+00	3.61E+00	-3.12E+00	-44.68	-2.10E+00	2.41E+00	
	-128.00	7.43E-06	5.72E-06	-1.45E-05	-1.53E-04	-1.50E-05	9.47E-05	8.31E-05	-7.00E-05				
67	1037.00	3.11E+00	9.29E-01	3.37E-01	-3.26E+00	-1.07E+00	2.58E+00	5.46E+00	-1.41E+00	-35.73	9.29E-01	3.26E+00	
	-148.00	4.78E-05	-1.86E-06	-1.53E-05	-1.49E-04	-4.87E-05	1.17E-04	1.01E-04	-5.51E-05				
68	837.00	1.13E+00	1.20E+00	4.30E-01	-3.67E+00	-7.63E-01	2.26E+00	4.84E+00	-2.51E+00	-45.28	1.13E+00	-3.67E+00	
	-68.00	1.30E-05	1.53E-05	-1.37E-05	-2.83E-04	-5.87E-05	1.74E-04	1.56E-04	-1.27E-04				
69	937.00	1.06E+00	-3.12E-01	-4.06E-01	-2.03E+00	-7.36E-01	1.64E+00	2.51E+00	-1.77E+00	-35.67	-3.12E-01	2.03E+00	
	-88.00	3.69E-05	-1.57E-05	-1.93E-05	-1.56E-04	-5.66E-05	1.28E-04	9.28E-05	-7.16E-05				
70	1037.00	1.45E-01	-8.68E-02	-6.13E-01	-3.45E+00	2.51E-01	3.41E+00	3.48E+00	-3.42E+00	-44.04	-2.43E+00	2.42E+00	
	-68.0[illegible]	[illegible].17E-05	2.76E-06	-1.75E-05	-2.65E-04	1.93E-05	[illegible]E-04	1.40E-04	-1.25E-04				
71	862 [illegible]	[illegible].33E-01	5.38E-01	-1.61E-01	-1.57E+00	-6.33E-01	[illegible]E+00	2.21E+00	-9.42E-01	-43.23	7.33E-01	-1.[illegible]	

	-18.0[illegible]	[illegible].60E-05	[illegible].51E-06	-1.84E-05	-1.21E-04	-4.87E-05	[illegible]-04	7.29E-05	-4.84E-05					
72	1012.0[illegible]	[illegible].67E-01	-3.641-01	-1.01E+00	-1.67E+00	1.33E-01	[illegible]+00	1.30E+00	-2.03E+00	-45.02	-3.67E-01	-1.67E[illegible]		
	-19.00	[illegible].03E-06	-1.16E-06	-1.98E-05	-1.29E-04	1.03E-05	[illegible].55E-05	6.92E-05	-5.90E-05					
73	1387.00	-3.72E-01	-4.01E-01	-4.16E-01	-2.01E+00	-5.64E-03	8.39E-01	1.63E+00	-2.40E+00	-44.80	-3.72E-01	-2.01E+00		
	-303.00	-1.43E-06	-2.77E-06	-3.48E-06	-1.83E-04	-5.12E-07	7.63E-05	8.93E-05	-9.36E-05					
74	1387.00	-8.54E-02	1.24E-02	-3.59E-01	-2.13E+00	-3.72E-02	8.65E-01	2.10E+00	-2.17E+00	-45.66	-8.54E-02	-2.13E+00		
	-213.00	1.72E-06	6.17E-06	-1.07E-05	-1.94E-04	-3.38E-06	7.84E-05	1.01E-04	-9.31E-05					
75	1387.00	-2.82E-02	-2.07E-01	-9.53E-01	-1.58E+00	-1.05E-01	5.42E-01	1.46E+00	-1.70E+00	-43.38	-2.82E-02	-1.58E+00		
	-138.00	5.59E-06	1.52E-06	-1.54E-05	-7.16E-05	-4.78E-06	2.46E-05	3.94E-05	-3.23E-05					
76	1187.00	5.85E-01	4.23E-01	-1.82E-01	-2.34E+00	-4.56E-01	1.98E-01	2.85E+00	-1.84E+00	-44.01	5.85E-01	-2.34E+00		
	-68.00	1.31E-05	6.87E-06	-1.53E-05	-1.80E-04	-3.51E-05	1.52E-05	1.00E-04	-8.01E-05					
77	1387.00	7.48E-01	6.04E-01	-1.79E-01	-1.28E+00	-3.21E-01	7.77E-01	1.95E+00	-6.02E-01	-43.39	6.04E-01	1.28E+00		
	-88.00	1.59E-05	1.03E-05	-1.97E-05	-9.81E-05	-2.47E-05	5.98E-05	6.22E-05	-3.60E-05					
78	1587.00	4.25E-02	2.77E-02	-6.00E-01	-1.51E+00	9.08E-02	2.18E-01	1.55E+00	-1.46E+00	-44.86	-5.54E-01	1.39E+00		
	-68.00	7.46E-06	6.89E-06	-1.73E-05	-1.16E-04	6.98E-06	1.68E-05	6.54E-05	-5.10E-05					
79	1237.00	9.08E-01	3.86E-01	-2.14E-01	-1.32E+00	-4.26E-01	5.78E-01	1.99E+00	-6.98E-01	-39.40	9.08E-01	-1.32E+00		
	-18.00	2.30E-05	2.96E-06	-2.01E-05	-1.01E-04	-3.28E-05	4.45E-05	6.47E-05	-3.87E-05					
80	1433.80	5.49E-01	2.87E-01	-3.97E-01	-1.52E+00	-1.17E-01	3.82E-01	1.95E+00	-1.11E+00	-42.54	5.49E-01	-1.52E+00		
	-8.00	1.63E-05	6.21E-06	-2.01E-05	-1.17E-04	-9.01E-06	2.94E-05	7.01E-05	-4.76E-05					
81	1533.80	8.91E-01	2.32E-01	-2.54E-01	-9.40E-01	-5.72E-02	2.60E-01	1.56E+00	-4.35E-01	-35.34	2.32E-01	9.40E-01		
	-28.00	2.47E-05	-6.24E-07	-1.93E-05	-7.23E-05	-4.40E-06	2.00E-05	5.04E-05	-2.63E-05					
82	1633.80	8.60E-01	2.53E-01	-2.15E-01	-3.07E-01	1.18E-01	-7.85E-03	9.88E-01	1.25E-01	-22.68	1.26E-01	3.12E-02		
	-8.00	2.32E-05	-1.24E-07	-1.81E-05	-2.36E-05	9.07E-06	-6.04E-07	2.81E-05	-5.06E-06					
83	1433.80	3.83E+00	1.70E+00	1.41E+00	-1.05E+00	-9.58E-01	3.31E-01	4.26E+00	1.27E+00	-22.24	1.70E+00	1.05E+00		
	27.60	7.11E-05	-1.10E-05	-2.21E-05	-8.06E-05	-7.37E-05	2.55E-05	8.76E-05	-2.74E-05					
84	1296.10	1.33E+00	2.00E-01	-2.01E-01	-1.11E+00	-4.74E-01	5.23E-01	2.01E+00	-4.77E-01	-31.44	8.75E-01	1.24E+00		
	40.70	3.67E-05	-6.96E-06	-2.24E-05	-8.52E-05	-3.65E-05	4.02E-05	6.27E-05	-3.30E-05					
85	1148.60	5.54E-01	-2.71E-01	-6.19E-01	-1.39E+00	-5.03E-01	2.38E-02	1.59E+00	-1.30E+00	-36.70	-1.08E+00	-7.70E-01		
	57.33	2.50E-05	-6.74E-06	-2.01E-05	-1.07E-04	-3.87E-05	1.83E-06	6.47E-05	-4.65E-05					
86	1131.40	4.87E+00	2.30E+00	1.86E+00	-5.84E-01	-1.92E+00	-6.20E-02	5.00E+00	2.18E+00	-12.24	2.30E+00	5.84E-01		
	112.00	8.80E-05	-1.07E-05	-2.77E-05	-4.49E-05	-1.47E-04	-4.77E-06	9.29E-05	-1.56E-05					
87	1019.80	1.46E+00	7.37E-01	5.33E-02	-1.59E+00	-8.32E-01	2.30E+00	2.72E+00	-5.29E-01	-38.60	7.37E-01	1.59E+00		
	34.67	3.14E-05	3.64E-06	-2.27E-05	-1.22E-04	-6.40E-05	1.77E-04	8.01E-05	-4.53E-05					
88	886.60	6.04E-01	3.09E-01	-3.50E-01	-1.26E+00	-4.00E-01	1.25E+00	1.72E+00	-8.09E-01	-41.66	6.04E-01	-1.26E+00		
	46.00	1.70E-05	5.70E-06	-1.96E-05	-9.66E-05	-3.08E-05	9.62E-05	6.00E-05	-3.73E-05					
89	869.80	2.91E+00	1.21E+00	7.47E-01	-6.92E-01	-1.34E+00	1.61E-01	3.16E+00	9.66E-01	-19.56	1.21E+00	6.92E-01		
	96.00	5.85E-05	-6.93E-06	-2.48E-05	-5.32E-05	-1.03E-04	1.24E-05	6.79E-05	-1.64E-05					
90	952.60	4.39E-01	-1.42E+00	-1.22E+00	-1.86E+00	-5.70E-01	1.36E+00	1.59E+00	-2.57E+00	-31.73	-2.05E+00	1.38E+00		
	128.00	4.10E-05	-3.05E-05	-2.26E-05	-1.43E-04	-4.38E-05	1.04E-04	8.53E-05	-7.48E-05					
91	869.80	8.46E-01	1.58E-01	-3.09E-01	-8.12E-01	-6.49E-01	1.09E-01	1.40E+00	-3.53E-01	-34.12	8.46E-01	-8.12E-01		
	160.00	2.45E-05	-4.78E-07	-1.99E-05	-6.25E-05	-4.99E-05	8.40E-06	4.56E-05	-2.16E-05					
92	869.80	4.26E+00	1.40E+00	1.19E+00	-5.32E-01	-2.52E+00	5.24E-01	4.35E+00	1.30E+00	-10.21	1.40E+00	5.32E-01		
	203.60	8.85E-05	-2.14E-05	-2.96E-05	-4.09E-05	-1.94E-04	4.03E-05	9.22E-05	-2.51E-05					
93	598.67	-2.95E-01	1.39E-01	-3.65E-01	-2.46E+00	-1.83E+00	2.88E+00	2.40E+00	-2.55E+00	-47.51	1.39E-01	2.46E+00		
	16.00	-5.61E-06	1.11E-05	-8.31E-06	-1.90E-04	-1.41E-04	2.21E-04	9.79E-05	-9.24E-05					
94	845.75	3.33E-01	3.23E-01	-6.23E-02	-1.59E+00	-7.05E-01	1.31E+00	1.92E+00	-1.26E+00	-44.91	3.33E-01	-1.59E+00		
	24.00	6.27E-06	5.90E-06	-9.92E-06	-1.22E-04	-5.43E-05	1.01E-04	6.72E-05	-5.51E-05					
95	613.10	5.26E-01	9.66E-01	4.29E-01	-2.77E+00	-8.08E-01	-1.94E-01	3.52E+00	-2.03E+00	-47.27	5.26E-01	-2.77E+00		
	60.33	-8.74E-07	1.60E-05	-4.62E-06	-2.13E-04	-6.21E-05	-1.50E-05	1.14E-04	-9.92E-05					
96	708.45	6.81E-01	2.31E-01	-1.63E-01	-1.29E+00	-7.37E-01	9.39E-01	1.76E+00	-8.50E-01	-40.04	1.01E+00	1.18E+00		
	55.00	1.90E-05	6.58E-07	-1.45E-05	-9.90E-05	-5.67E-05	7.23E-05	5.95E-05	-4.09E-05					
97	613.10	1.98E+00	7.55E-01	5.08E-01	-9.12E-01	-2.69E+00	6.28E-01	2.47E+00	2.69E-01	-28.05	7.55E-01	9.12E-01		
	96.00	4.05E-05	-6.60E-06	-1.61E-05	-7.02E-05	-2.07E-04	4.83E-05	5.92E-05	-2.53E-05					
98	682.27	8.09E-01	3.66E-01	-5.77E-02	-1.77E+00	-8.21E-01	8.45E-01	2.38E+00	-1.20E+00	-41.44	-9.30E-01	9.47E-01		
	112.00	1.88E-05	1.80E-06	-1.45E-05	-1.36E-04	-6.32E-05	6.50E-05	7.91E-05	-5.85E-05					
99	751.43	2.73E+00	-3.11E-01	2.36E-01	-1.93E+00	-1.71E+00	2.45E+00	3.66E+00	-1.25E+00	-25.87	-3.11E-01	1.93E+00		
	96.00	7.58E-05	-4.11E-05	-2.01E-05	-1.48E-04	-1.32E-04	1.89E-04	1.12E-04	-7.70E-05					
100	683.25	5.84E-01	1.21E-01	-3.03E-01	-6.51E-01	-6.41E-01	9.24E-01	1.04E+00	-3.38E-01	-35.20	5.84E-01	-6.51E-01		
	152.00	1.80E-05	2.27E-07	-1.61E-05	-5.01E-05	-4.93E-05	7.11E-05	3.57E-05	-1.74E-05					
101	648.67	3.46E+00	1.50E+00	1.17E+00	-3.86E-01	-1.89E+00	4.48E-01	3.54E+00	1.42E+00	-10.71	1.50E+00	3.86E-01		
	192.00	6.58E-05	-9.86E-06	-2.22E-05	-2.97E-05	-1.45E-04	3.45E-05	6.86E-05	-1.27E-05					
102	725.25	5.11E-01	-3.42E-01	-5.69E-01	-6.81E-01	-5.14E-01	7.39E-01	8.88E-01	-7.19E-01	-28.98	8.24E-02	8.03E-01		
	232.70	2.40E-05	-8.75E-06	-1.75E-05	-5.24E-05	-3.95E-05	5.69E-05	3.85E-05	-2.33E-05					
103	638.50	6.19E-01	8.75E-01	1.28E-01	2.94E-02	-4.06E-01	-5.14E-01	8.78E-01	6.16E-01	83.52	6.19E-01	2.94E-02		

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	256.00	6.00E-05	1.58E-05	-1.29E-05	2.26E-06	-3.12E-05	-3.55E-05	1.60E-05	5.87E-06				
104	635.50	1.17E+00	5.30E-01	4.05E-02	7.40E-02	-1.47E+00	6.33E-02	1.18E+00	6.15E-01	11.85	8.30E-01	-7.40E-02	
	290.67	2.25E-05	9.53E-06	-2.08E-05	5.69E-06	-1.13E-04	4.87E-06	2.31E-05	8.94E-06				
105	569.00	-5.87E-01	9.25E-02	-2.44E-01	-2.56E+00	-8.56E-01	2.42E+00	2.33E+00	-2.83E+00	-48.78	-5.87E-01	-2.56E+00	
	16.50	-1.42E-05	1.19E-05	-1.67E-06	-1.97E-04	-6.90E-05	1.86E-04	9.81E-05	-1.00E-04				
106	508.50	-6.03E+00	-4.02E+00	-4.02E+00	-1.99E+00	-2.22E+00	6.77E-01	-2.80E+00	-7.25E+00	-58.43	-4.02E+00	1.99E+00	
	13.00	-7.74E-05	-5.10E-08	6.48E-08	-1.53E-04	-1.71E-04	5.20E-05	4.49E-05	-1.24E-04				
107	521.00	-1.58E+00	-6.34E-01	-6.90E-01	-2.59E+00	-7.45E-01	1.30E+00	1.52E+00	-3.74E+00	-50.19	-1.58E+00	-2.59E+00	
	15.75	-2.80E-05	7.54E-06	5.39E-06	-1.99E-04	-5.73E-05	9.98E-05	9.04E-05	-1.12E-04				
108	526.25	-1.37E+00	-5.36E-01	-6.34E-01	-2.84E+00	-6.35E-01	1.35E+00	1.92E+00	-3.82E+00	-49.18	-1.37E+00	-2.84E+00	
	21.00	-2.48E-05	7.31E-06	3.54E-06	-2.18E-04	-4.84E-05	1.04E-04	1.02E-04	-1.19E-04				
109	515.50	-3.83E+00	-2.57E+00	-2.69E+00	-3.56E+00	-1.62E+00	6.84E-01	4.21E-01	-6.82E+00	-50.03	-2.57E+00	3.56E+00	
	26.00	-4.75E-05	1.22E-06	-3.73E-06	-2.74E-04	-1.25E-04	5.26E-05	1.16E-04	-1.62E-04				
110	531.50	-5.97E-01	-2.54E-01	-3.64E-01	-2.31E+00	-4.52E-01	1.18E+00	1.87E+00	-2.76E+00	-46.87	-5.97E-01	-2.31E+00	
	34.50	-9.16E-06	2.48E-06	-2.14E-07	-1.78E-04	-3.48E-05	5.07E-05	8.59E-05	-9.25E-05				
111	515.50	1.61E+00	2.69E+00	1.83E+00	-6.86E+00	-3.69E-01	-8.09E-01	9.05E+00	-4.76E+00	-47.25	1.61E+00	-6.88E+00	
	44.00	-5.48E-06	3.61E-05	3.00E-06	-5.29E-04	-2.84E-05	-6.22E-05	2.81E-04	-2.50E-04				
112	515.50	2.52E-01	8.24E-02	-6.61E-02	-1.58E+00	-1.01E+00	5.60E-01	1.75E+00	-1.42E+00	-43.46	8.24E-02	1.58E+00	
	53.33	6.74E-06	2.22E-07	-5.49E-06	-1.22E-04	-7.75E-05	4.31E-05	6.43E-05	-5.74E-05				
113	547.50	8.22E-01	-3.58E-01	-2.58E-03	-2.45E+00	-5.61E-01	2.96E+00	2.75E+00	-2.29E+00	-38.23	-1.12E+00	2.12E+00	
	64.00	2.65E-05	-1.88E-05	-5.17E-06	-1.88E-04	-4.32E-05	2.28E-04	1.01E-04	-9.30E-05				
114	515.50	1.96E+00	2.39E+00	1.64E+00	-2.88E+00	-1.95E-01	3.07E-01	5.06E+00	-7.16E-01	-47.14	1.96E+00	-2.88E+00	
	74.67	9.53E-06	2.61E-05	-2.78E-06	-2.22E-04	-1.50E-05	2.36E-05	1.29E-04	-9.33E-05				
115	515.50	3.74E+00	2.31E+00	2.20E+00	-1.03E+00	-7.44E-01	5.38E-01	4.28E+00	1.77E+00	-27.64	2.31E+00	1.03E+00	
	88.00	5.32E-05	-1.89E-06	-5.95E-06	-7.95E-05	-5.73E-05	4.14E-05	7.40E-05	-2.27E-05				
116	547.50	2.33E+00	3.07E-01	8.49E-01	-3.12E+00	-4.66E-01	1.98E+00	4.59E+00	-1.96E+00	-36.02	-1.04E+00	2.27E+00	
	104.00	5.12E-05	-2.65E-05	-5.60E-06	-2.40E-04	-3.58E-05	1.52E-04	1.38E-04	-1.14E-04				
117	515.50	6.97E-01	8.50E-01	3.58E-01	-2.31E+00	-7.09E-02	7.54E-01	3.09E+00	-1.54E+00	-45.95	6.97E-01	-2.31E+00	
	120.00	5.88E-06	1.18E-05	-7.17E-06	-1.78E-04	-5.45E-06	5.80E-05	9.78E-05	-8.01E-05				
118	515.50	2.37E+00	1.39E+00	1.16E+00	-8.87E-01	-4.66E-01	4.49E-01	2.89E+00	8.64E-01	-30.48	1.39E+00	8.87E-01	
	136.00	3.74E-05	-4.92E-07	-9.97E-06	-6.82E-05	-3.58E-05	3.45E-05	5.74E-05	-2.06E-05				
119	547.50	2.04E+00	8.00E-01	7.93E-01	-2.05E+00	-2.79E-01	1.02E+00	3.56E+00	-7.23E-01	-36.62	-9.19E-02	1.52E+00	
	152.00	3.84E-05	-9.09E-06	-9.39E-06	-1.58E-04	-2.15E-05	7.84E-05	9.70E-05	-6.77E-05				
120	515.50	9.83E-01	9.93E-01	3.93E-01	-1.55E+00	-1.03E-01	1.47E-01	2.54E+00	-5.63E-01	-45.10	9.83E-01	-1.55E+00	
	168.00	1.18E-05	1.22E-05	-1.09E-05	-1.19E-04	-7.95E-06	1.13E-05	7.16E-05	-4.77E-05				
121	515.50	3.24E+00	1.91E+00	1.57E+00	-6.73E-01	-6.33E-01	3.30E-01	3.52E+00	1.63E+00	-22.75	1.91E+00	6.73E-01	
	184.00	5.07E-05	-2.05E-07	-1.36E-05	-5.18E-05	-4.87E-05	2.54E-05	6.16E-05	-1.11E-05				
122	547.50	1.14E+00	-6.03E-01	-2.49E-01	-2.22E+00	-3.12E-01	1.59E+00	2.65E+00	-2.11E+00	-34.25	-1.54E+00	1.55E+00	
	200.00	4.08E-05	-2.64E-05	-1.28E-05	-1.71E-04	-2.40E-05	1.22E-04	9.89E-05	-8.45E-05				
123	515.50	-3.89E-01	-5.66E-01	-8.94E-01	-1.07E+00	3.31E-02	1.76E-01	6.00E-01	-1.55E+00	-42.64	-3.89E-01	-1.07E+00	
	216.00	5.37E-06	-1.46E-06	-1.41E-05	-8.26E-05	2.54E-06	1.36E-05	4.34E-05	-3.95E-05				
124	515.50	7.14E-01	2.60E-01	-1.90E-01	-2.34E-01	-2.85E-01	2.20E-01	8.13E-01	1.61E-01	-22.90	2.60E-01	2.34E-01	
	232.00	1.88E-05	1.38E-06	-1.59E-05	-1.80E-05	-2.19E-05	1.69E-05	2.26E-05	-2.41E-06				
125	547.50	7.95E-02	-2.82E-01	-6.27E-01	-4.88E-01	-9.42E-02	1.40E+00	4.19E-01	-6.22E-01	-34.82	-4.91E-01	3.45E-01	
	248.00	1.22E-05	-1.74E-06	-1.50E-05	-3.75E-05	-7.25E-06	1.08E-04	2.52E-05	-1.48E-05				
126	515.50	-1.01E+00	-1.25E+00	-1.48E+00	1.74E-01	2.13E-01	4.61E-01	-9.35E-01	-1.42E+00	22.90	-1.01E+00	1.74E-01	
	264.00	3.31E-06	-9.67E-06	-1.47E-05	1.34E-05	1.64E-05	3.55E-05	6.13E-06	-1.25E-05				
127	515.50	4.65E-02	-1.15E-01	-5.10E-01	-2.05E-02	2.29E-01	1.38E-01	4.91E-02	-1.18E-01	-7.11	-1.15E-01	2.05E-02	
	276.00	8.15E-06	1.92E-06	-1.33E-05	-1.58E-06	1.76E-05	1.06E-05	8.25E-06	1.83E-06				
128	531.50	-7.31E-01	-4.17E-01	-9.35E-01	-2.17E-02	1.86E-01	8.93E-02	-4.16E-01	-7.33E-01	-86.06	-7.31E-01	-2.17E-02	
	297.00	-5.23E-06	6.84E-06	-1.31E-05	-1.67E-06	1.43E-05	6.87E-06	6.90E-06	-5.29E-06				
129	515.50	-2.11E+00	-1.38E+00	-1.85E+00	4.85E-01	1.88E-01	1.71E-01	-1.14E+00	-2.35E+00	63.54	-2.11E+00	4.85E-01	
	320.00	-2.25E-05	5.71E-06	-1.25E-05	3.73E-05	1.45E-05	1.32E-05	1.50E-05	-3.18E-05				
183	565.50	-1.90E-01	3.64E-01	1.32E-01	-3.87E+00	-1.17E+00	2.92E+00	3.97E+00	-3.79E+00	-47.05	-1.90E-01	-3.87E+00	
	-8.00	-1.07E-05	1.06E-05	1.73E-06	-2.98E-04	-9.01E-05	2.24E-04	1.49E-04	-1.49E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .9600E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0[illegible]	.0000E+00	.0000E+00

	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.00[illegible]	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.000[illegible]	.0000E+00	.0000E+00
6	.5240E+02	.3255E+03	.4826E+02	-.3412E+02	-.6475E+02	.4732E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.5219E+01	-.2125E+01	-.7550E+00	-.3669E+02	.1812E+02	.2820E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.4144E+01	.6522E+00	-.2919E+00	-.5159E+02	.3926E+02	.5253E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.5944E+01	-.1381E+01	.1531E-01	-.8692E+02	.6273E+02	.7715E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.6694E+01	.9847E+00	-.2916E-01	-.1121E+03	.8587E+02	.1044E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.5577E+00	.6519E+00	-.3489E+00	-.1496E+03	.1101E+03	.1381E+03
25	-.1550E+02	-.2512E+01	-.3491E-01	-.1851E+03	.1215E+03	.1717E+03
26	.2114E+01	-.1422E+00	.1045E+00	-.2011E+03	.1290E+03	.1963E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.8736E+02	.1659E+02	-.2698E+01	-.2072E+03	.1818E+03	.2165E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	-.1332E+04	-.2370E+03	.1303E+02	-.2925E+03	.5005E+03	.3464E+03
40	-.9824E+03	-.1595E+03	.1592E+01	-.2769E+03	.4932E+03	.3166E+03
41	-.7012E+03	-.9881E+02	-.1008E+02	-.2406E+03	.4467E+03	.2733E+03
42	-.1792E+03	-.1621E+02	-.1139E+02	-.2090E+03	.3154E+03	.2378E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1935E+04	.2601E+03	.1053E+02	-.5335E+02	.5351E+03	-.1991E+03
48	.1669E+04	.2246E+03	.1196E+02	-.8728E+02	.4965E+03	-.1406E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2573E+04	.3904E+03	.1247E+02	.7939E+02	.3718E+03	-.5527E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.7852E+01	-.7573E+01	.5722E+00	-.3115E+02	.5250E+03	-.1890E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1760E+04	.2665E+03	.1232E+02	.4036E+02	.2953E+03	-.5157E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1231E+04	.1868E+03	.1639E+02	.4090E+02	.2708E+03	-.5003E+03
66	.4050E+03	.6244E+02	.2052E+02	.4906E+02	.2082E+03	-.5217E+03

67	-.8563E+03	-.1276E+03	.2050E+02	.4766E+02	.1417E+03	-.5198E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1525E+04	-.2280E+03	.1700E+02	-.2364E+02	.7801E+02	-.5363E+03
76	.1684E+03	.2533E+02	.1156E+02	-.4443E+02	.7577E+00	-.5477E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.6415E+03	-.9699E+02	.8414E+01	-.5889E+02	-.8863E+02	-.5269E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2728E+03	.3970E+02	.5993E+01	-.9511E+02	-.1409E+03	-.5182E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3752E+03	-.5828E+02	.5272E+01	-.6837E+02	-.2158E+03	-.4761E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2508E+03	.3519E+02	.4392E+01	-.5596E+02	-.2583E+03	-.4329E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2870E+03	-.4608E+02	.4430E+01	-.5932E+02	-.3217E+03	-.3908E+03
109	.1726E+03	.2248E+02	.3760E+01	-.6126E+02	-.3604E+03	-.3369E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2402E+03	-.3994E+02	.3579E+01	-.3102E+02	-.4081E+03	-.2841E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.1126E+03	-.2100E+02	.4082E+00	-.1229E+02	-.4256E+03	-.2279E+03
115	-.5419E+02	-.1242E+02	-.7726E+00	.5673E+01	-.4270E+03	-.1692E+03
116	-.1223E+03	-.2308E+02	-.2273E+01	.1460E+02	-.4403E+03	-.1363E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1318E+03	-.2472E+02	-.3601E+01	.2683E+00	-.4484E+03	-.1133E+03
119	-.1049E+03	-.2027E+02	-.5201E+01	.3246E+02	-.4052E+03	-.7354E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2341E+03	-.2689E+02	-.1408E+02	.2304E+02	-.3401E+03	-.4467E+02
122	-.1962E+03	-.1149E+02	-.2189E+02	-.1151E+02	-.3264E+03	-.3737E+02
123	-.1473E+03	-.7064E+01	-.1929E+02	-.7939E+01	-.2841E+03	-.3334E+02
124	-.1059E+03	-.4907E+01	-.1332E+02	-.5486E+01	-.2331E+03	-.3009E+02
125	-.6772E+02	-.1046E+01	-.9759E+01	-.3456E+01	-.1918E+03	-.2699E+02
126	-.1759E+02	.5819E+01	-.9061E+01	-.8516E+00	-.1599E+03	-.2368E+02
127	.1869E+02	.1184E+02	-.9185E+01	.8947E+00	-.1351E+03	-.1955E+02
128	.5530E+02	.1657E+02	-.8562E+01	.5024E+01	-.8507E+02	-.1492E+02
[illegible]	.5491E+02	.1414E+02	-.6951E+01	.6[illegible]1	-.4554E+02	-.1100E+02
[illegible]	.3740E+02	.8526E+01	-.4824E+01	[illegible]1	-.1725E+02	-.8481E+01

	.9538E+01	.1489E+01	-.3006E+01	.[illegible]	-.3160E+01	-.7129E+01
	-.1149E+01	-.7074E+00	-.2170E+01	.396[illegible]	-.5229E+01	-.6324E+01
	-.1950E+01	-.5855E+00	-.2031E+01	.2721[illegible]	-.7550E+01	-.5422E+01
134	-.5274E+00	-.1501E+00	-.2059E+01	.2074E+01	-.6657E+01	-.4292E+01
135	.1714E-01	.4420E-03	-.2318E+01	.1583E+01	-.4720E+01	-.3159E+01
136	.1276E-01	-.8300E-02	-.3083E+01	.1103E+01	-.3030E+01	-.2101E+01
137	.7687E-01	.2650E-01	-.4923E+01	.7354E+00	-.1354E+01	-.1145E+01
138	-.4503E-01	-.1239E+00	-.9864E+02	.4435E+00	.3446E+00	-.5615E+00
139	-.8084E-01	-.1440E+00	.4719E+02	.7534E-01	-.1832E+00	.1766E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.24223E-01	.12586E-03	-.24134E-01	.00000E+00
3	.44228E-01	.42221E-03	-.44269E-01	.00000E+00
4	.48064E-01	.40375E-03	-.48070E-01	.00000E+00
5	.52018E-01	.57509E-04	-.52037E-01	.00000E+00
6	.58920E-01	-.18154E-04	-.58915E-01	.51460E-05
7	.53985E-01	.64950E-03	-.54607E-01	.00000E+00
8	.59077E-01	.46589E-03	-.59229E-01	.56832E-04
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.23938E-01	.20033E-03	-.24101E-01	.00000E+00
11	.44519E-01	.40202E-03	-.44987E-01	.00000E+00
12	.49786E-01	.41033E-03	-.50322E-01	.00000E+00
13	.53963E-01	.29713E-03	-.54151E-01	.00000E+00
14	.59437E-01	.33999E-03	-.60053E-01	.23629E-05
15	.54776E-01	.75206E-03	-.56555E-01	.00000E+00
16	.59966E-01	.52677E-03	-.61414E-01	-.43529E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.24212E-01	.22369E-03	-.24845E-01	.00000E+00
19	.45411E-01	.33250E-03	-.46814E-01	.00000E+00
20	.50965E-01	.38377E-03	-.52615E-01	.00000E+00
21	.55310E-01	.11037E-03	-.56761E-01	.00000E+00
22	.60706E-01	.22597E-04	-.63320E-01	-.76995E-06
23	.56876E-01	.96706E-03	-.60900E-01	.00000E+00
24	.61610E-01	.67101E-03	-.65834E-01	.15023E-04
25	.62245E-01	.10189E-02	-.67481E-01	-.20781E-05
26	.62611E-01	.85538E-03	-.68465E-01	-.12311E-04
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.24417E-01	.41798E-03	-.25294E-01	.00000E+00
29	.46649E-01	.60977E-03	-.48377E-01	.00000E+00
30	.52161E-01	.59307E-03	-.55159E-01	.00000E+00
31	.57237E-01	.82341E-03	-.61422E-01	.00000E+00
32	.63007E-01	.96798E-03	-.69561E-01	.42928E-04
33	.57148E-01	.15153E-02	-.61271E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.24341E-01	.73354E-03	-.25207E-01	.00000E+00
36	.47152E-01	.76585E-03	-.48546E-01	.00000E+00
37	.52814E-01	.79631E-03	-.54714E-01	.00000E+00
38	.58917E-01	.88329E-03	-.63486E-01	.00000E+00
39	.63662E-01	.13590E-02	-.71400E-01	-.42413E-04
40	.63543E-01	.16589E-02	-.70970E-01	-.13427E-04
41	.63429E-01	.16307E-02	-.70572E-01	.83992E-05
42	.63267E-01	.14474E-02	-.70128E-01	.31112E-04
43	.52668E-01	.12433E-02	-.52762E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.23075E-01	-.50937E-03	-.22484E-01	.00000E+00
46	.47474E-01	.58761E-03	-.45720E-01	.00000E+00
47	.63719E-01	.10511E-02	-.71551E-01	-.33432E-04
48	.63702E-01	.12016E-02	-.71543E-01	-.53452E-04
49	.58969E-01	.98431E-03	-.62889E-01	.00000E+00
50	.64335E-01	.11970E-02	-.71626E-01	-.15060E-03

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51	.59803E-01	.12519E-02	-.60880E-01	.00000E+00
52	.44817E-01	.59531E-03	-.66920E-01	.00000E+00
53	.63759E-01	.86635E-03	-.71566E-01	-.39354E-05
54	.52707E-01	.50225E-03	-.48666E-01	.00000E+00
55	.59091E-01	.10521E-02	-.53677E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.19877E-01	.20416E-02	-.15811E-01	.00000E+00
58	.42636E-01	.88304E-03	-.30258E-01	.00000E+00
59	.68403E-01	.41567E-03	-.62561E-01	.00000E+00
60	.67225E-01	.87418E-03	-.64783E-01	.00000E+00
61	.64914E-01	.11850E-02	-.72006E-01	-.23048E-03
62	.50011E-01	.11460E-03	-.36617E-01	.00000E+00
63	.57500E-01	-.25746E-03	-.44899E-01	.00000E+00
64	.68208E-01	.89102E-03	-.67881E-01	.00000E+00
65	.65693E-01	.11342E-02	-.72175E-01	-.28557E-03
66	.67617E-01	.11783E-02	-.72514E-01	-.34565E-03
67	.69687E-01	.11652E-02	-.72882E-01	-.32858E-03
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.15681E-01	-.35233E-03	-.91267E-02	.00000E+00
70	.45112E-01	-.31243E-03	-.29511E-01	.00000E+00
71	.66978E-01	-.75959E-03	-.51415E-01	.00000E+00
72	.70196E-01	.68178E-03	-.67906E-01	.00000E+00
73	.55478E-01	-.38920E-03	-.33079E-01	.00000E+00
74	.74468E-01	.55647E-03	-.71110E-01	.00000E+00
75	.71442E-01	.11546E-02	-.73207E-01	-.24892E-03
76	.73796E-01	.11974E-02	-.73872E-01	-.17302E-03
77	.63731E-01	-.12496E-02	-.41103E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.18805E-01	.55236E-03	-.11564E-01	.00000E+00
80	.43212E-01	-.82903E-03	-.25053E-01	.00000E+00
81	.47735E-01	-.10569E-02	-.27108E-01	.00000E+00
82	.53490E-01	-.15781E-02	-.33178E-01	.00000E+00
83	.74553E-01	-.14279E-02	-.57106E-01	.00000E+00
84	.70233E-01	-.19024E-02	-.45488E-01	.00000E+00
85	.76432E-01	.11938E-02	-.74673E-01	-.13785E-03
86	.77209E-01	.55078E-03	-.73521E-01	.00000E+00
87	.64176E-01	-.15408E-02	-.37806E-01	.00000E+00
88	.77416E-01	-.23599E-04	-.65962E-01	.00000E+00
89	.78237E-01	.12437E-02	-.75495E-01	-.11026E-03
90	.49239E-01	-.49284E-03	-.17334E-01	.00000E+00
91	.52763E-01	-.95295E-03	-.19583E-01	.00000E+00
92	.56433E-01	-.34481E-03	-.21044E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.21271E-01	.00000E+00	-.70483E-02	.00000E+00
95	.39097E-01	.00000E+00	-.12448E-01	.00000E+00
96	.44752E-01	.00000E+00	-.14473E-01	.00000E+00
97	.46682E-01	.00000E+00	-.13905E-01	.00000E+00
98	.45830E-01	.00000E+00	-.13344E-01	.00000E+00
99	.50147E-01	.35453E-04	-.15126E-01	.00000E+00
100	.61392E-01	-.55939E-03	-.26702E-01	.00000E+00
101	.74561E-01	-.66191E-03	-.45171E-01	.00000E+00
102	.81047E-01	.12834E-02	-.76646E-01	-.99498E-04
103	.78063E-01	-.10630E-02	-.58073E-01	.00000E+00
104	.82360E-01	.88157E-03	-.76272E-01	.00000E+00
105	.82996E-01	.12965E-02	-.77672E-01	-.86163E-04
106	.81557E-01	-.12451E-02	-.64874E-01	.00000E+00
107	.85592E-01	.92957E-03	-.77386E-01	.00000E+00
108	.85241E-01	.12397E-02	-.78613E-01	-.82272E-04
109	.86878E-01	.13015E-02	-.79434E-01	-.69590E-04
110	.85899E-01	.76799E-03	-.69909E-01	.00000E+00
111	.89048E-01	.14545E-02	-.79480E-01	.00000E+00
112	.88648E-01	.12990E-02	-.80114E-01	-.62320E-04
11[illegible]	.88370E-01	.27151E-03	-.73145E-01	[illegible]000E+00
1[illegible]	.85621E-01	.12262E-02	-.80677E-01	[illegible]81E-04

	.89954E-01	.11321E-02	-.81091E-01	[illegible]220E-05
1[illegible]	.89920E-01	.10797E-02	-.81364E-01	[illegible]117E-05
11[illegible]	.89554E-01	.16190E-02	-.81553E-01	[illegible]0000E+00
118	.89734E-01	.10515E-02	-.81476E-01	.21219E-04
119	.89146E-01	.99226E-03	-.81601E-01	.37295E-04
120	.90437E-01	.10122E-02	-.81877E-01	.00000E+00
121	.87970E-01	.89348E-03	-.81659E-01	.63903E-04
122	.87841E-01	.36324E-03	-.81780E-01	.76216E-04
123	.87647E-01	-.12799E-03	-.81876E-01	.85805E-04
124	.87427E-01	-.48091E-03	-.81972E-01	.56649E-04
125	.87136E-01	-.13056E-02	-.82071E-01	.10922E-03
126	.86576E-01	-.24367E-02	-.82235E-01	.12294E-03
127	.85982E-01	-.37341E-02	-.82393E-01	.12333E-03
128	.84573E-01	-.62201E-02	-.82717E-01	.97457E-04
129	.84144E-01	-.79586E-02	-.83014E-01	.60555E-04
130	.83767E-01	-.89576E-02	-.83337E-01	.18286E-04
131	.83916E-01	-.86218E-02	-.83829E-01	-.25635E-04
132	.84393E-01	-.71173E-02	-.84260E-01	-.36784E-04
133	.84810E-01	-.55969E-02	-.84636E-01	-.30926E-04
134	.85080E-01	-.43654E-02	-.84941E-01	-.25047E-04
135	.85266E-01	-.33107E-02	-.85185E-01	-.23112E-04
136	.85400E-01	-.22777E-02	-.85363E-01	-.23377E-04
137	.85478E-01	-.12646E-02	-.85468E-01	-.23258E-04
138	.85532E-01	-.19028E-03	-.85532E-01	-.24094E-04
139	.85532E-01	-.23574E-04	-.85532E-01	-.23628E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9700E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	3.17E-03	6.48E-02	1.92E-02	2.95E+00	4.12E-03	-2.96E+00	2.98E+00	-2.91E+00	45.30	3.17E-03	2.95E+00
	-303.00	-9.87E-07	1.81E-06	-2.59E-07	2.68E-04	3.75E-07	-2.69E-04	1.34E-04	-1.34E-04			
2	72.00	3.41E-02	9.44E-02	-1.10E-02	2.48E+00	-3.86E-03	-2.55E+00	2.55E+00	-2.42E+00	45.35	3.41E-02	2.48E+00
	-213.00	2.25E-08	2.77E-06	-2.03E-06	2.26E-04	-3.51E-07	-2.32E-04	1.14E-04	-1.11E-04			
3	72.00	4.16E-01	1.07E-01	-5.20E-02	1.67E+00	-1.47E-01	-1.80E+00	1.94E+00	-1.41E+00	42.35	4.16E-01	1.67E+00
	-138.00	6.99E-06	-4.29E-08	-3.65E-06	7.58E-05	-6.66E-06	-8.18E-05	4.15E-05	-3.46E-05			
4	24.00	1.72E+00	8.07E-01	1.00E+00	3.10E+00	-4.61E-01	-3.36E+00	4.40E+00	-1.87E+00	40.82	1.72E+00	3.10E+00
	-68.00	2.73E-05	-7.71E-06	-2.46E-07	2.39E-04	-3.54E-05	-2.58E-04	1.30E-04	-1.11E-04			
5	72.00	-4.83E-01	-1.96E-01	-5.45E-01	1.34E+00	7.71E-02	-1.47E+00	1.01E+00	-1.69E+00	48.09	-1.96E-01	-1.34E+00
	-88.00	-5.25E-06	5.95E-06	-7.45E-06	1.03E-04	5.93E-06	-1.13E-04	5.23E-05	-5.16E-05			
6	120.00	-2.46E-01	-2.33E-01	-3.54E-01	2.66E+00	1.41E-01	-2.63E+00	2.42E+00	-2.90E+00	45.07	2.38E+00	-4.73E-01
	-68.00	-3.04E-07	1.96E-07	-4.47E-06	2.04E-04	1.08E-05	-2.02E-04	1.02E-04	-1.02E-04			
7	36.25	7.54E-01	3.10E-01	2.28E-01	1.44E+00	-1.91E-01	-1.39E+00	1.99E+00	-9.25E-01	40.61	7.04E-01	1.45E+00
	-19.00	1.48E-05	-2.28E-06	-5.43E-06	1.11E-04	-1.47E-05	-1.07E-04	6.23E-05	-4.98E-05			
8	108.00	-6.90E-02	-1.61E-01	-2.25E-01	1.14E+00	1.43E-02	-1.23E+00	1.03E+00	-1.26E+00	43.84	-6.90E-02	1.14E+00
	-19.00	2.35E-06	-1.20E-06	-3.65E-06	8.78E-05	1.10E-06	-9.48E-05	4.45E-05	-4.33E-05			
9	216.00	1.26E-01	1.57E-01	8.46E-02	2.94E+00	-1.83E-02	-3.00E+00	3.08E+00	-2.80E+00	45.15	1.26E-01	2.94E+00
	-303.00	9.49E-07	2.36E-06	-9.22E-07	2.68E-04	-1.66E-06	-2.72E-04	1.35E-04	-1.32E-04			
10	216.00	2.07E-01	1.56E-01	5.00E-02	2.55E+00	-6.42E-02	-2.63E+00	2.73E+00	-2.37E+00	44.71	2.07E-01	2.55E+00
	-213.00	4.04E-06	1.73E-06	-3.09E-06	2.32E-04	-5.84E-06	-2.39E-04	1.19E-04	-1.13E-04			
11	216.00	4.17E-01	1.24E-01	-1.06E-01	1.98E+00	-2.11E-01	-2.08E+00	2.25E+00	-1.71E+00	42.89	4.17E-01	1.98E+00
	-138.00	7.13E-06	5.47E-07	-4.70E-06	8.99E-05	-9.61E-06	-9.46E-05	4.89E-05	-4.12E-05			
12	168.00	8.14E-01	5.70E-01	4.37E-01	2.97E+00	-3.93E-01	-3.04E+00	3.67E+00	-2.28E+00	43.83	8.14E-01	2.97E+00
	-68.00	1.13E-05	1.92E-06	-3.19E-06	2.29E-04	-3.02E-05	-2.34E-04	1.21E-04	-1.08E-04			
13	216.00	-7.13E-01	-2.16E-01	-6.50E-01	1.20E+00	4.11E-02	-1.30E+00	7.63E-01	-1.69E+00	50.85	-2.16E-01	-1.20E+00
	-88.00	-1.01E-05	9.06E-06	-7.64E-06	9.25E-05	3.16E-06	-1.00E-04	4.67E-05	-4.77E-05			
14	264.00	8.41E-02	-1.94E-01	-2.72E-01	2.59E+00	4.40E-02	-2.67E+00	2.54E+00	-2.65E+00	43.46	2.47E+00	-6.04E-01
	-68.00	7.43E-06	-3.28E-06	-6.25E-06	1.99E-04	3.38E-06	-2.05E-04	1.02E-04	-9.78E-05			
15	180.00	3.54E-01	7.06E-02	-3.41E-02	1.25E+00	-2.67E-01	-1.24E+00	1.47E+00	-1.05E+00	41.78	3.54E-01	1.25E+00
	-19.00	9.31E-06	-1.57E-06	-5.60E-06	9.64E-05	-2.05E-05	-9.54E-05	5.24E-05	-4.44E-05			
16	252.00	1.74E-01	-1.27E-01	-2.44E-01	1.08E+00	-9.67E-02	-1.30E+00	1.12E+00	-1.07E+00	41.05	1.74E-01	1.08E+00

	-19.00	8.85E-06	-2.70E-06	-7.23E-06	8.33E-05	-7.44E-06	-9.58E-05	4.51E-05	-3.90E-05				
17	361.00	1.57E-01	2.20E-01	1.19E-01	2.98E+00	-5.39E-03	-3.07E+00	2.17E+00	-2.75E+00	45.30	1.57E-01	2.98E+00	
	-303.00	7.03E-07	3.56E-06	-1.05E-06	2.71E-04	-4.50E-07	-2.70E-04	1.38E-04	-1.33E-04				
18	361.00	2.58E-01	1.86E-01	7.88E-02	2.67E+00	-4.06E-02	-2.77E+00	2.85E+00	-2.45E+00	44.61	2.58E-01	2.67E+00	
	-213.00	4.34E-06	1.67E-06	-3.22E-06	2.43E-04	-3.67E-06	-2.51E-04	1.25E-04	-1.16E-04				
19	361.00	4.77E-01	1.27E-01	-1.27E-01	2.07E+00	-1.91E-01	-2.34E+00	2.38E+00	-1.77E+00	42.58	4.77E-01	2.07E+00	
	-138.00	8.34E-06	3.89E-07	-5.39E-06	9.39E-05	-8.68E-06	-1.06E-04	5.15E-05	-4.27E-05				
20	312.00	1.44E+00	8.80E-01	7.34E-01	3.32E+00	-6.78E-01	-3.61E+00	4.49E+00	-2.17E+00	42.60	1.44E+00	3.32E+00	
	-68.00	2.17E-05	3.09E-07	-5.29E-06	2.55E-04	-5.22E-05	-2.76E-04	1.39E-04	-1.17E-04				
21	360.67	-1.19E+00	-5.41E-01	-9.96E-01	1.53E+00	1.66E-01	-1.89E+00	7.01E-01	-2.43E+00	51.01	-5.41E-01	-1.53E+00	
	-88.00	-1.59E-05	9.21E-06	-8.31E-06	1.18E-04	1.28E-05	-1.45E-04	5.70E-05	-6.36E-05				
22	409.33	7.07E-01	9.34E-01	3.90E-01	3.20E+00	3.49E-03	-3.98E+00	4.02E+00	-2.38E+00	46.02	3.97E+00	-5.49E-01	
	-68.00	4.87E-06	1.36E-05	-7.32E-06	2.46E-04	2.69E-07	-3.06E-04	1.32E-04	-1.14E-04				
23	324.00	6.72E-01	1.40E-01	-2.12E-02	1.27E+00	-4.77E-01	-1.31E+00	1.70E+00	-8.93E-01	39.09	6.72E-01	1.27E+00	
	-19.00	1.72E-05	-3.31E-06	-9.50E-06	9.78E-05	-3.67E-05	-1.00E-04	5.69E-05	-4.30E-05				
24	372.00	3.29E-01	-3.72E-01	-4.11E-01	3.45E+00	-4.54E-01	-3.72E+00	3.45E+00	-3.45E+00	42.10	3.29E-01	3.45E+00	
	-9.33	1.76E-05	-9.32E-06	-1.08E-05	2.65E-04	-3.49E-05	-2.86E-04	1.38E-04	-1.29E-04				
25	401.25	2.21E-01	-2.40E-03	-3.50E-01	1.13E+00	-1.40E-01	-1.51E+00	1.24E+00	-1.03E+00	42.17	-8.53E-01	6.01E-01	
	-19.00	9.85E-06	1.35E-06	-1.20E-05	8.69E-05	-1.08E-05	-1.16E-04	4.93E-05	-3.80E-05				
26	427.67	1.40E+00	1.01E+00	6.07E-01	3.87E+00	-6.23E-01	-5.25E+00	5.08E+00	-2.67E+00	43.53	3.65E+00	3.00E+00	
	-9.33	2.08E-05	5.54E-06	-9.79E-06	2.98E-04	-4.79E-05	-4.04E-04	1.62E-04	-1.36E-04				
27	457.00	1.85E-01	3.44E-01	1.82E-01	3.02E+00	2.09E-02	-3.09E+00	3.28E+00	-2.75E+00	45.75	1.85E-01	3.02E+00	
	-303.00	-8.26E-07	6.40E-06	-9.54E-07	2.74E-04	1.90E-06	-2.81E-04	1.40E-04	-1.34E-04				
28	457.00	2.37E-01	1.64E-01	7.83E-02	2.81E+00	1.95E-02	-2.85E+00	3.01E+00	-2.61E+00	44.63	2.37E-01	2.81E+00	
	-213.00	4.53E-06	1.24E-06	-2.67E-06	2.55E-04	1.77E-06	-2.59E-04	1.31E-04	-1.25E-04				
29	457.00	8.19E-01	2.79E-01	7.82E-02	2.14E+00	1.63E-01	-2.41E+00	2.70E+00	-1.60E+00	41.39	8.19E-01	2.14E+00	
	-138.00	1.25E-05	1.65E-07	-4.39E-06	9.71E-05	7.39E-06	-1.09E-04	5.52E-05	-4.26E-05				
30	442.00	5.41E-01	1.23E+00	4.61E-01	3.65E+00	1.70E-01	-4.06E+00	4.56E+00	-2.79E+00	47.69	5.41E-01	3.65E+00	
	-68.00	-3.71E-06	2.27E-05	-6.78E-06	2.81E-04	1.31E-05	-3.12E-04	1.51E-04	-1.32E-04				
31	457.33	-4.41E+00	-2.23E+00	-2.81E+00	1.33E+00	2.16E+00	-2.19E+00	-1.60E+00	-5.04E+00	64.67	-2.23E+00	-1.33E+00	
	-88.00	-6.58E-05	1.81E-05	-4.15E-06	1.02E-04	1.66E-04	-1.68E-04	4.23E-05	-9.01E-05				
32	472.67	6.84E+00	5.13E+00	4.64E+00	3.21E+00	-1.26E+00	-5.24E+00	9.31E+00	2.66E+00	37.57	8.71E+00	1.90E+00	
	-68.00	8.04E-05	1.49E-05	-4.02E-06	2.47E-04	-9.67E-05	-4.03E-04	1.75E-04	-8.01E-05				
33	443.00	6.99E-01	4.38E-01	8.48E-03	1.82E+00	-1.89E-01	-2.01E+00	2.39E+00	-1.25E+00	42.94	6.99E-01	1.82E+00	
	-19.50	1.43E-05	4.25E-06	-1.23E-05	1.40E-04	-1.45E-05	-1.85E-04	7.93E-05	-6.07E-05				
34	454.00	5.35E+00	3.64E+00	3.27E+00	4.77E+00	-1.46E+00	-6.65E+00	9.35E+00	-3.52E-01	39.91	7.23E+00	4.00E+00	
	-11.33	7.12E-05	5.24E-06	-9.08E-06	3.67E-04	-1.13E-04	-5.12E-04	2.25E-04	-1.48E-04				
35	461.67	8.29E-01	8.03E-01	3.28E-01	4.54E+00	-3.54E-01	-6.86E+00	5.35E+00	-3.72E+00	44.92	8.29E-01	4.54E+00	
	-12.00	1.04E-05	9.34E-06	-8.93E-06	3.49E-04	-2.72E-05	-5.27E-04	1.84E-04	-1.65E-04				
36	469.00	-3.23E+00	-1.38E+00	-2.20E+00	4.60E-01	1.93E+00	-2.73E+00	-1.27E+00	-3.34E+00	76.81	-1.38E+00	-4.60E-01	
	-30.00	-4.95E-05	2.18E-05	-9.74E-06	3.53E-05	1.49E-04	-2.10E-04	2.60E-05	-5.36E-05				
37	476.33	2.04E+00	2.60E+00	1.51E+00	3.04E+00	-3.84E-01	-5.64E+00	5.38E+00	-7.38E-01	47.65	3.25E+00	2.91E+00	
	-12.00	1.08E-05	3.25E-05	-9.59E-06	2.34E-04	-2.95E-05	-4.34E-04	1.39E-04	-9.59E-05				
38	558.50	-2.17E-01	-1.01E-01	-1.31E-01	2.85E+00	9.68E-02	-2.92E+00	2.70E+00	-3.01E+00	45.58	-2.17E-01	2.85E+00	
	-303.00	-4.03E-06	1.25E-06	-1.23E-07	2.59E-04	8.80E-06	-2.65E-04	1.28E-04	-1.31E-04				
39	558.50	8.11E-02	2.85E-01	1.47E-01	2.83E+00	1.94E-01	-2.85E+00	3.02E+00	-2.65E+00	46.03	8.11E-02	2.83E+00	
	-213.00	-2.98E-06	6.27E-06	3.32E-08	2.58E-04	1.76E-05	-2.59E-04	1.31E-04	-1.27E-04				
40	506.17	6.09E-02	5.38E-01	2.09E-02	6.31E+00	6.08E-01	-6.10E+00	6.61E+00	-6.02E+00	46.08	6.09E-02	6.31E+00	
	-128.00	-1.96E-06	8.97E-06	-2.77E-06	2.87E-04	2.76E-05	-2.77E-04	1.47E-04	-1.40E-04				
41	558.50	-1.58E+00	4.13E-01	-1.70E-01	2.71E+00	1.71E+00	-3.90E+00	2.31E+00	-3.47E+00	55.07	4.13E-01	-2.71E+00	
	-148.00	-2.89E-05	1.64E-05	3.14E-06	1.23E-04	7.77E-05	-1.77E-04	5.95E-05	-7.20E-05				
42	610.33	4.00E-01	7.33E-01	5.04E-01	5.53E+00	1.08E+00	-4.76E+00	6.10E+00	-4.97E+00	45.86	5.95E+00	-1.29E+00	
	-128.00	4.96E-07	8.09E-06	2.97E-06	2.52E-04	4.93E-05	-2.17E-04	1.30E-04	-1.22E-04				
43	501.38	-3.52E-01	-1.76E-01	-4.03E-01	1.41E+00	6.20E-01	-1.74E+00	1.15E+00	-1.68E+00	46.78	-3.52E-01	1.41E+00	
	-78.00	-3.31E-06	3.47E-06	-5.28E-06	1.09E-04	4.77E-05	-1.34E-04	5.46E-05	-5.44E-05				
44	534.67	8.18E-01	3.82E-01	4.74E-01	4.49E+00	3.67E-01	-5.74E+00	5.09E+00	-3.85E+00	43.61	4.98E+00	-9.93E-01	
	-68.00	1.31E-05	-3.69E-06	-1.76E-07	3.45E-04	2.83E-05	-4.42E-04	1.77E-04	-1.68E-04				
45	584.67	-8.49E-01	-6.90E-01	-6.18E-01	4.45E+00	1.19E+00	-3.74E+00	3.69E+00	-5.21E+00	45.55	-8.49E-01	4.45E+00	
	-68.00	-9.07E-06	-2.56E-06	-1.61E-07	3.42E-04	9.19E-05	-2.88E-04	1.65E-04	-1.77E-04				
46	610.83	-4.33E+00	-1.44E+00	-2.07E+00	2.42E+00	2.10E+00	-3.07E+00	-6.47E-02	-5.70E+00	60.40	-1.44E+00	-2.42E+00	
	-88.00	-8.03E-05	3.07E-05	6.61E-06	1.86E-04	1.62E-04	-2.36E-04	8.36E-05	-1.33E-04				
47	482.63	-2.75E-01	-1.34E-01	-6.19E-01	1.00E+00	5.89E-01	-2.01E+00	8.02E-01	-1.21E+00	47.00	-2.75E-01	1.00E+00	
	-21.0[illegible]	[illegible].33E-07	6.14E-06	-1.25E-05	7.72E-05	4.53E-05	[illegible]E-04	4.21E-05	-3.53E-05				
48	48[illegible]	[illegible].84E-01	3.27E-01	-5.67E-02	2.94E+00	7.76E-02	[illegible]+00	3.25E+00	-2.63E+00	45.21	6.63E-01	2.[illegible]	

	53.	[illegible]21E-06	-8.45E-07	6.11E-06	1.46E-04	8.81E-05	[illegible]	[illegible]-05	6.93E-05	-7.64E-05				
113	547.5[illegible]	[illegible]07E+00	2.24E-01	-1.17E-01	2.90E+00	6.44E-01	[illegible]	[illegible]+00	2.54E+00	-3.39E+00	51.31	1.13E+00	-2.53E[illegible]	
	64.00	[illegible]3.07E-05	1.92E-05	6.13E-06	2.23E-04	4.95E-05	-2.[illegible]E-04		1.05E-04	-1.20E-04				
114	515.50	-2.33E+00	-2.68E+00	-1.56E+00	3.47E+00	2.23E-01	-4.29E-01		8.79E-01	-6.08E+00	42.71	-2.33E+00	3.47E+00	
	74.67	-1.07E-05	-3.21E-05	3.41E-06	2.67E-04	1.72E-05	-3.30E-05		1.13E-04	-1.55E-04				
115	515.50	-4.33E+00	-2.69E+00	-2.55E+00	1.24E+00	8.65E-01	-6.37E-01		-2.03E+00	-4.95E+00	61.78	-2.69E+00	-1.24E+00	
	89.00	-6.14E-05	1.65E-06	7.16E-06	9.50E-05	6.65E-05	-4.90E-05		2.71E-05	-8.65E-05				
116	547.50	-2.80E+00	-4.76E-01	-1.06E+00	3.68E+00	5.47E-01	-2.35E+00		2.22E+00	-5.50E+00	53.76	1.12E+00	-2.70E+00	
	104.00	-6.00E-05	2.94E-05	6.74E-06	2.83E-04	4.21E-05	-1.81E-04		1.33E-04	-1.64E-04				
117	515.50	-8.69E-01	-1.10E+00	-4.75E-01	2.77E+00	7.86E-02	-5.42E-01		1.79E+00	-3.75E+00	43.83	-8.69E-01	2.77E+00	
	120.00	-6.62E-06	-1.53E-05	8.54E-06	2.13E-04	6.05E-06	-7.24E-05		9.56E-05	-1.18E-04				
118	515.50	-2.77E+00	-1.64E+00	-1.33E+00	1.06E+00	5.43E-01	-5.32E-01		-9.99E-01	-3.41E+00	59.05	-1.64E+00	-1.06E+00	
	136.00	-4.35E-05	1.35E-07	1.18E-05	8.16E-05	4.17E-05	-4.09E-05		2.46E-05	-6.79E-05				
119	547.50	-2.43E+00	-9.86E-01	-9.51E-01	2.45E+00	3.31E-01	-1.26E+00		8.50E-01	-4.26E+00	53.20	8.38E-02	-1.82E+00	
	152.00	-4.53E-05	1.02E-05	1.11E-05	1.89E-04	2.55E-05	-9.68E-05		8.08E-05	-1.16E-04				
120	515.50	-1.17E+00	-1.22E+00	-4.87E-01	1.88E+00	1.10E-01	-2.58E-01		6.85E-01	-3.06E+00	44.62	-1.17E+00	1.88E+00	
	168.00	-1.34E-05	-1.53E-05	1.29E-05	1.45E-04	8.43E-06	-1.98E-05		5.80E-05	-8.67E-05				
121	515.50	-3.75E+00	-2.23E+00	-1.81E+00	8.07E-01	7.17E-01	-3.92E-01		-1.88E+00	-4.10E+00	66.65	-2.23E+00	-8.07E-01	
	184.00	-5.86E-05	-1.01E-07	1.59E-05	6.21E-05	5.52E-05	-3.01E-05		1.33E-05	-7.20E-05				
122	547.50	-1.40E+00	6.08E-01	2.27E-01	2.62E+00	3.59E-01	-1.89E+00		2.41E+00	-3.21E+00	55.49	1.72E+00	-1.84E+00	
	200.00	-4.77E-05	2.96E-05	1.50E-05	2.02E-04	2.76E-05	-1.46E-04		9.90E-05	-1.17E-04				
123	515.50	4.16E-01	5.82E-01	1.00E+00	1.30E+00	-5.30E-02	-3.00E-01		1.80E+00	-8.06E-01	66.82	4.16E-01	1.30E+00	
	216.00	-5.98E-06	4.06E-07	1.66E-05	1.00E-04	-4.08E-06	-2.31E-05		4.74E-05	-5.30E-05				
124	515.50	-7.99E-01	-2.91E-01	2.40E-01	2.79E-01	3.01E-01	-2.61E-01		-1.68E-01	-9.22E-01	66.17	-2.91E-01	-2.79E-01	
	232.00	-2.14E-05	-1.84E-06	1.86E-05	2.15E-05	2.32E-05	-2.00E-05		2.90E-06	-2.61E-05				
125	547.50	-1.35E-01	2.66E-01	6.88E-01	5.75E-01	1.00E-01	-1.59E+00		6.74E-01	-5.44E-01	54.56	5.12E-01	-4.14E-01	
	248.00	-1.42E-05	1.18E-06	1.75E-05	4.42E-05	7.70E-06	-1.23E-04		1.69E-05	-2.99E-05				
126	515.50	1.10E+00	1.45E+00	1.65E+00	-1.80E-01	-2.49E-01	-5.77E-01		1.53E+00	1.02E+00	-67.09	1.10E+00	-1.80E-01	
	264.00	-3.91E-06	9.67E-06	1.72E-05	-1.39E-05	-1.92E-05	-4.44E-05		1.26E-05	-6.74E-06				
127	515.50	-5.53E-02	1.31E-01	5.95E-01	2.14E-02	-2.63E-01	-1.62E-01		1.33E-01	-5.77E-02	83.52	1.31E-01	-2.14E-02	
	276.00	-9.49E-06	-2.34E-06	1.55E-05	1.65E-06	-2.03E-05	-1.24E-05		-2.25E-06	-9.59E-06				
128	531.50	9.43E-01	4.85E-01	1.09E+00	2.71E-02	-2.17E-01	-1.06E-01		8.45E-01	4.86E-01	4.32	8.43E-01	2.71E-02	
	297.00	5.88E-06	-7.83E-06	1.52E-05	2.08E-06	-1.67E-05	-8.18E-06		5.96E-06	-7.91E-06				
129	515.50	2.38E+00	1.52E+00	2.09E+00	-5.58E-01	-2.20E-01	-2.37E-01		2.65E+00	1.25E+00	-26.19	2.38E+00	-5.58E-01	
	320.00	2.97E-05	-7.40E-06	1.46E-05	-4.29E-05	-1.69E-05	-1.83E-05		3.63E-05	-1.80E-05				
183	565.50	2.47E-01	-5.34E-01	-1.84E-01	4.62E+00	1.35E+00	-3.69E+00		4.49E+00	-4.78E+00	42.58	2.47E-01	4.62E+00	
	-8.00	1.47E-05	-1.53E-05	-1.90E-06	3.55E-04	1.04E-04	-2.69E-04		1.78E-04	-1.79E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURTER TERM, NUMBER 1 AT TIME = .9700E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.6825E+02	-.4229E+03	-.1002E+03	.4076E+02	.7586E+02	-.5587E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.6062E+01	.2365E+01	.7544E+00	.4468E+02	-.2129E+02	-.3365E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.4529E+01	-.6794E+00	.2526E+00	.7515E+02	-.4556E+02	-.6296E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.6542E+01	.1538E+01	-.6824E-01	.1060E+03	-.7311E+02	-.9232E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.7202E+01	-.1023E+01	-.1849E-01	.1366E+03	-.1001E+03	-.1249E+03
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	-.1182E+01	-.8248E+00	.3612E+00	.1813E+03	-.1287E+03	-.1652E+03
25	.1807E+02	.2918E+01	.5624E-02	.2240E+03	-.1421E+03	-.2053E+03
26	.1440E+01	.8294E+00	-.1902E+00	.2438E+03	-.1508E+03	-.2346E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.1049E+03	-.1950E+02	.3005E+01	.2516E+03	-.2130E+03	-.2586E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.1471E+04	.2658E+03	-.1714E+02	.3528E+03	-.5895E+03	-.4130E+03
40	.1116E+04	.1847E+03	-.4375E+01	.3349E+03	-.5809E+03	-.3777E+03
41	.8292E+03	.1197E+03	.9764E+01	.2918E+03	-.5260E+03	-.3263E+03
42	.2215E+03	.2190E+02	.1254E+02	.2539E+03	-.3707E+03	-.2841E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.2413E+04	-.3270E+03	-.1335E+02	.6799E+02	-.6308E+03	.2337E+03
48	-.2109E+04	-.2821E+03	-.1506E+02	.1010E+03	-.5863E+03	.1653E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.3071E+04	-.4660E+03	-.1490E+02	-.1122E+03	-.4413E+03	.6561E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.5793E+01	.6943E+01	-.8997E+00	.4017E+02	-.6191E+03	.2218E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	-.2100E+04	-.3179E+03	-.1471E+02	-.6348E+02	-.3505E+03	.6128E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	-.1467E+04	-.2227E+03	-.1956E+02	-.6291E+02	-.3211E+03	.5946E+03
66	-.4794E+03	-.7390E+02	-.2448E+02	-.7375E+02	-.2465E+03	.6201E+03
67	.1032E+04	.1534E+03	-.2442E+02	-.7161E+02	-.1671E+03	.6182E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	.1833E+04	.2741E+03	-.2021E+02	.1298E+02	-.9111E+02	.6338E+03
76	-.2028E+03	-.3047E+02	-.1364E+02	.3664E+02	.6012E+00	.6460E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	-1	4.82E-06	6.50E-06	-8.27E-06	2.26E-04	5.97E-0	[illegible]E-04	1.15E-04	-1.07E-04				
40	507.	4.39E-02	-3.14E-01	-4.80E-01	1.11E+00	2.68E-01	[illegible]E+00	5.97E-01	-1.26E+00	40.41	4.39E-02	1.11[illegible]	
	-21.00	9.94E-06	-3.84E-06	-1.02E-05	8.52E-05	2.83E-05	-1.71E-04	4.62E-05	-4.01E-05				
50	535.67	8.65E-01	-1.14E-01	2.28E-01	3.98E+00	1.54E+00	-4.97E+00	6.35E+00	-3.64E+00	41.50	4.29E+00	-8.73E-01	
	-10.00	2.25E-05	-1.51E-05	-2.00E-06	3.06E-04	1.15E-04	-3.82E-04	1.58E-04	-1.51E-04				
51	484.67	-1.40E+01	-9.69E+00	-1.00E+01	-2.50E-01	1.17E+00	-6.41E-01	-9.67E+00	-1.40E+01	-86.66	-9.69E+00	2.50E-01	
	8.00	-1.67E-04	-2.43E-06	-1.82E-05	-1.92E-05	9.01E-05	-4.93E-05	-1.87E-06	-1.67E-04				
52	507.00	3.86E+00	4.50E+00	2.93E+00	2.52E+00	7.16E-01	2.08E+00	6.73E+00	1.64E+00	46.59	6.22E+00	1.52E+00	
	0.00	2.45E-05	4.90E-05	-1.14E-05	1.94E-04	5.50E-05	1.40E-04	1.35E-04	-6.11E-05				
53	603.00	2.30E-01	-8.67E-02	2.48E-01	1.74E+00	8.06E-01	-1.56E+00	1.81E+00	-1.67E+00	42.39	-8.87E-01	1.46E+00	
	-18.00	4.55E-06	-7.63E-06	5.23E-06	1.34E-04	6.20E-05	-1.20E-04	6.55E-05	-6.86E-05				
54	712.00	-2.57E-01	1.65E-01	1.35E-02	2.72E+00	2.27E-01	-2.35E+00	2.68E+00	-2.77E+00	47.22	-2.57E-01	2.72E+00	
	-303.00	-1.07E-05	8.51E-06	1.64E-06	2.47E-04	2.06E-05	-2.13E-04	1.23E-04	-1.25E-04				
55	712.00	-1.49E+00	-9.09E-01	-7.57E-01	2.99E+00	7.35E-01	-2.31E+00	1.80E+00	-4.20E+00	47.78	-1.49E+00	2.99E+00	
	-213.00	-2.68E-05	-3.14E-07	6.60E-06	2.71E-04	6.72E-05	-2.10E-04	1.23E-04	-1.50E-04				
56	712.00	-1.80E+00	-1.01E+00	-2.11E-01	2.31E+00	1.77E+00	-1.72E+00	9.30E-01	-3.75E+00	49.86	-1.80E+00	2.31E+00	
	-138.00	-2.51E-05	-7.16E-06	1.11E-05	1.05E-04	8.06E-05	-7.83E-05	3.70E-05	-6.93E-05				
57	712.00	-3.90E-01	1.98E-02	3.05E-01	1.43E+00	7.41E-01	-1.45E+00	1.26E+00	-1.63E+00	49.08	-3.90E-01	1.43E+00	
	-78.00	-1.43E-05	1.48E-06	1.24E-05	1.10E-04	5.70E-05	-1.11E-04	4.91E-05	-6.15E-05				
58	712.00	-5.85E-01	-5.61E-01	4.41E-02	1.92E+00	6.84E-01	-1.67E+00	1.34E+00	-2.45E+00	45.18	-5.85E-01	1.92E+00	
	-18.00	-1.04E-05	-9.48E-06	1.38E-05	1.47E-04	5.26E-05	-1.29E-04	6.38E-05	-8.37E-05				
59	837.00	-7.75E+00	-4.33E+00	-4.83E+00	2.28E+00	1.16E+00	-1.93E+00	-3.15E+00	-8.89E+00	63.41	-4.33E+00	-2.28E+00	
	-318.00	-1.33E-04	2.27E-05	.00E+00	2.07E-04	1.05E-04	-1.76E-04	7.45E-05	-1.84E-04				
60	987.00	-1.19E+00	-2.51E-01	-5.77E-01	6.09E+00	4.90E-01	-4.16E+00	5.38E+00	-6.83E+00	47.21	4.87E+00	-2.45E+00	
	-288.00	-2.80E-05	1.49E-05	.00E+00	5.53E-04	4.46E-05	-3.78E-04	2.71E-04	-2.84E-04				
61	987.00	1.30E+00	8.05E-01	5.42E-01	6.20E+00	-1.79E-01	-3.64E+00	7.26E+00	-5.15E+00	43.86	1.30E+00	6.20E+00	
	-288.00	2.08E-05	-1.69E-06	.00E+00	5.63E-04	-1.63E-05	-3.31E-04	2.92E-04	-2.72E-04				
62	1037.00	-7.73E+00	-4.71E+00	-4.98E+00	4.56E+00	8.48E-01	-2.83E+00	-1.42E+00	-1.10E+01	54.19	-4.71E+00	-4.56E+00	
	-318.00	-1.25E-04	1.23E-05	.00E+00	4.14E-04	7.71E-05	-2.57E-04	1.62E-04	-2.75E-04				
63	862.00	-1.58E-01	-1.68E-01	2.14E-01	3.06E+00	1.49E-01	-2.14E+00	2.89E+00	-3.22E+00	44.95	-1.58E-01	3.06E+00	
	-213.00	-5.73E-06	-6.19E-06	1.12E-05	2.78E-04	1.36E-05	-1.94E-04	1.33E-04	-1.45E-04				
64	1012.00	4.59E-01	2.05E-01	6.27E-01	3.30E+00	-5.52E-02	-2.07E+00	3.64E+00	-2.98E+00	43.90	4.59E-01	3.30E+00	
	-213.00	4.08E-06	-7.45E-06	1.17E-05	3.00E-04	-5.02E-06	-1.88E-04	1.49E-04	-1.52E-04				
65	837.00	2.18E-01	-3.66E-01	1.02E+00	2.29E+00	8.51E-01	-2.32E+00	2.23E+00	-2.38E+00	41.37	-3.66E-01	-2.29E+00	
	-148.00	3.63E-07	-1.29E-05	1.86E-05	1.04E-04	3.87E-05	-1.06E-04	4.62E-05	-5.87E-05				
66	937.00	-2.96E-01	-3.12E-01	7.70E-01	4.05E+00	3.31E-01	-2.58E+00	3.75E+00	-4.36E+00	44.95	2.48E+00	-2.94E+00	
	-128.00	-7.59E-06	-7.94E-06	1.67E-05	1.84E-04	1.50E-05	-1.17E-04	8.43E-05	-9.98E-05				
67	1037.00	-3.66E+00	-1.18E+00	-4.51E-01	3.90E+00	1.22E+00	-3.12E+00	1.67E+00	-6.51E+00	53.84	-1.18E+00	-3.90E+00	
	-148.00	-5.55E-05	9.65E-07	1.75E-05	1.77E-04	5.56E-05	-1.42E-04	6.57E-05	-1.20E-04				
68	837.00	-1.30E+00	-1.49E+00	-5.33E-01	4.42E+00	8.16E-01	-2.82E+00	3.02E+00	-5.81E+00	44.38	-1.30E+00	4.42E+00	
	-68.00	-1.35E-05	-2.08E-05	1.60E-05	3.40E-04	6.28E-05	-2.17E-04	1.53E-04	-1.87E-04				
69	937.00	-1.18E+00	3.18E-01	4.56E-01	2.39E+00	7.97E-01	-1.93E+00	2.07E+00	-2.93E+00	53.73	3.18E-01	-2.39E+00	
	-88.00	-4.10E-05	1.67E-05	2.20E-05	1.84E-04	6.13E-05	-1.48E-04	8.41E-05	-1.08E-04				
70	1037.00	-3.23E-01	-1.40E-01	5.39E-01	4.07E+00	-2.67E-01	-3.91E+00	3.84E+00	-4.30E+00	45.64	2.64E+00	-2.88E+00	
	-68.00	-1.32E-05	-6.23E-06	1.99E-05	3.13E-04	-2.05E-05	-3.01E-04	1.47E-04	-1.66E-04				
71	862.00	-8.32E-01	-6.80E-01	1.67E-01	1.88E+00	6.83E-01	-1.57E+00	1.13E+00	-2.64E+00	46.16	-8.32E-01	1.88E+00	
	-18.00	-1.72E-05	-1.14E-05	2.12E-05	1.45E-04	5.26E-05	-1.20E-04	5.82E-05	-8.68E-05				
72	1012.00	4.11E-01	3.62E-01	1.13E+00	1.99E+00	-1.56E-01	-1.36E+00	2.37E+00	-1.60E+00	44.65	4.11E-01	1.99E+00	
	-18.00	-8.14E-06	-7.03E-06	2.27E-05	1.53E-04	-1.20E-05	-1.04E-04	7.03E-05	-8.25E-05				
73	1387.00	4.41E-01	4.63E-01	4.81E-01	2.44E+00	-1.16E-03	-1.14E+00	2.90E+00	-1.95E+00	45.13	4.41E-01	2.44E+00	
	-303.00	2.05E-06	3.07E-06	3.87E-06	2.22E-04	-1.05E-07	-1.04E-04	1.14E-04	-1.09E-04				
74	1387.00	9.68E-02	-4.15E-02	3.90E-01	2.58E+00	2.56E-02	-1.15E+00	2.61E+00	-2.56E+00	44.23	9.68E-02	2.58E+00	
	-213.00	-1.38E-06	-7.67E-06	1.19E-05	2.35E-04	2.32E-06	-1.05E-04	1.13E-04	-1.22E-04				
75	1387.00	5.02E-02	2.27E-01	1.07E+00	1.90E+00	8.32E-02	-7.40E-01	2.04E+00	-1.77E+00	46.33	5.02E-02	1.90E+00	
	-138.00	-5.92E-06	-1.91E-06	1.73E-05	8.65E-05	3.78E-06	-3.37E-05	3.94E-05	-4.72E-05				
76	1187.00	-6.14E-01	-6.52E-01	2.06E-01	2.87E+00	4.61E-01	-5.01E-01	2.33E+00	-3.40E+00	45.81	-6.14E-01	2.87E+00	
	-68.00	-1.42E-05	-7.94E-06	1.74E-05	2.21E-04	3.54E-05	-3.86E-05	9.93E-05	-1.21E-04				
77	1387.00	-8.62E-01	-7.28E-01	1.59E-01	1.51E+00	3.26E-01	-9.30E-01	7.21E-01	-2.31E+00	46.27	-7.28E-01	-1.51E+00	
	-88.00	-1.74E-05	-1.23E-05	2.18E-05	1.17E-04	2.51E-05	-7.15E-05	4.35E-05	-7.32E-05				
78	1587.00	-9.81E-02	-9.92E-02	6.20E-01	1.83E+00	-9.94E-02	-3.73E-01	1.74E+00	-1.92E+00	45.07	6.14E-01	-1.69E+00	
	-68.00	-8.52E-06	-8.18E-06	1.91E-05	1.41E-04	-7.65E-06	-2.87E-05	6.20E-05	-7.87E-05				
79	1237.00	-1.05E+00	-4.72E-01	2.12E-01	1.58E+00	4.44E-01	-7.33E-01	8.40E-01	-2.37E+00	50.23	-1.05E+00	1.58E+00	
	-18.00	-2.61E-05	-3.71E-06	2.26E-05	1.21E-04	3.42E-05	-5.64E-05	4.67E-05	-7.65E-05				
80	1433.80	-6.41E-01	-3.29E-01	4.22E-01	1.82E+00	1.23E-01	-4.92E-01	1.34E+00	-2.31E+00	47.46	-6.41E-01	1.82E+00	

	-8.00	-1.86E-05	-5.63E-06	2.23E-05	1.40E-04	9.49E-05	-3.78E-05	5.74E-05	-8.27E-05				
B1	1532.80	-1.05E+00	-2.67E-01	2.52E-01	1.11E+00	7.22E-02	-3.41E-01	5.17E-01	-1.83E+00	54.69	-2.67E-01	-1.11E+00	
	-28.00	-2.86E-05	1.39E-06	2.14E-05	8.52E-05	5.56E-06	-2.62E-05	3.16E-05	-5.88E-05				
B2	1633.80	-1.04E+00	-3.17E-01	1.89E-01	3.75E-01	-1.16E-01	-2.14E-02	-1.55E-01	-1.20E+00	66.77	-1.57E-01	-4.79E-02	
	-8.00	-2.71E-05	5.51E-07	2.01E-05	2.91E-05	-8.90E-06	-1.64E-04	6.84E-06	-3.33E-05				
B3	1433.80	-4.45E+00	-1.98E+00	-1.68E+00	1.24E+00	1.06E+00	-4.06E-01	-1.47E+00	-4.97E+00	67.47	-1.98E+00	-1.24E+00	
	27.60	-8.20E-05	1.30E-05	2.44E-05	9.52E-05	8.12E-05	-3.13E-05	3.27E-05	-1.02E-04				
B4	1296.10	-1.55E+00	-2.46E-01	1.94E-01	1.30E+00	5.07E-01	-5.93E-01	5.52E-01	-2.35E+00	58.39	-1.03E+00	-1.45E+00	
	40.70	-4.21E-05	8.20E-06	2.51E-05	9.97E-05	3.90E-05	-4.56E-05	3.89E-05	-7.28E-05				
B5	1148.60	-6.40E-01	3.28E-01	7.11E-01	1.65E+00	5.50E-01	-1.53E-01	1.57E+00	-1.88E+00	53.16	1.31E+00	9.11E-01	
	57.33	-2.90E-05	8.24E-06	2.30E-05	1.27E-04	4.23E-05	-1.18E-05	5.56E-05	-7.66E-05				
B6	1131.40	-5.67E+00	-2.68E+00	-2.21E+00	7.12E-01	2.13E+00	4.94E-02	-2.52E+00	-5.83E+00	77.26	-2.68E+00	-7.12E-01	
	112.00	-1.02E-04	1.29E-05	3.11E-05	5.48E-05	1.63E-04	3.80E-06	1.91E-05	-1.08E-04				
B7	1019.80	-1.70E+00	-9.85E-01	-1.33E-01	1.87E+00	9.01E-01	-2.61E+00	5.58E-01	-3.24E+00	50.43	-9.85E-01	-1.87E+00	
	34.67	-3.45E-05	-6.89E-06	2.59E-05	1.44E-04	6.93E-05	-2.01E-04	5.24E-05	-9.38E-05				
B8	886.60	-7.13E-01	-4.25E-01	3.69E-01	1.50E+00	4.39E-01	-1.47E+00	9.39E-01	-2.08E+00	47.74	-7.13E-01	1.50E+00	
	46.00	-1.90E-05	-7.50E-06	2.26E-05	1.15E-04	3.38E-05	-1.13E-04	4.46E-05	-7.14E-05				
B9	869.80	-3.30E+00	-1.38E+00	-8.33E-01	8.57E-01	1.50E+00	-2.33E-01	-1.05E+00	-3.62E+00	69.13	-1.38E+00	-8.57E-01	
	96.00	-6.63E-05	7.60E-06	2.84E-05	6.59E-05	1.16E-04	-1.80E-05	2.02E-05	-7.85E-05				
90	952.60	-5.39E-01	1.59E+00	1.37E+00	2.17E+00	6.50E-01	-1.59E+00	2.94E+00	-1.85E+00	56.08	2.32E+00	-1.61E+00	
	128.00	-4.73E-05	3.46E-05	2.60E-05	1.67E-04	5.00E-05	-1.22E-04	8.65E-05	-9.92E-05				
91	869.80	-9.62E-01	-2.10E-01	3.68E-01	9.75E-01	7.32E-01	-1.73E-01	4.59E-01	-1.63E+00	55.55	-9.62E-01	9.75E-01	
	160.00	-2.82E-05	7.66E-07	2.30E-05	7.50E-05	5.63E-05	-1.33E-05	2.65E-05	-5.39E-05				
92	869.80	-4.93E+00	-1.65E+00	-1.40E+00	6.68E-01	2.87E+00	-6.24E-01	-1.52E+00	-5.06E+00	78.93	-1.65E+00	-6.68E-01	
	203.60	-1.02E-04	2.43E-05	3.38E-05	5.14E-05	2.20E-04	-4.80E-05	2.93E-05	-1.07E-04				
93	598.67	4.28E-01	-2.40E-01	4.30E-01	2.95E+00	2.09E+00	-3.39E+00	3.07E+00	-2.88E+00	41.77	-2.40E-01	-2.95E+00	
	16.00	9.68E-06	-1.60E-05	9.75E-06	2.27E-04	1.60E-04	-2.61E-04	1.11E-04	-1.17E-04				
94	645.75	-3.73E-01	-4.32E-01	5.81E-02	1.91E+00	8.00E-01	-1.56E+00	1.51E+00	-2.31E+00	44.56	-3.73E-01	1.91E+00	
	24.00	-6.13E-06	-8.40E-06	1.04E-05	1.47E-04	6.16E-05	-1.20E-04	6.61E-05	-8.07E-05				
95	613.10	-5.17E-01	-1.05E+00	-4.28E-01	3.35E+00	9.04E-01	1.21E-01	2.58E+00	-4.15E+00	42.72	-5.17E-01	3.35E+00	
	69.33	2.05E-06	-1.85E-05	5.48E-06	2.58E-04	6.95E-05	9.29E-06	1.21E-04	-1.38E-04				
96	708.45	-7.60E-01	-3.02E-01	1.85E-01	1.54E+00	8.36E-01	-1.13E+00	1.02E+00	-2.10E+00	49.30	-1.23E+00	-1.39E+00	
	55.00	-1.98E-05	-1.88E-06	1.68E-05	1.19E-04	6.43E-05	-8.72E-05	4.91E-05	-7.08E-05				
97	613.10	-2.17E+00	-8.16E-01	-5.13E-01	1.13E+00	3.04E+00	-7.45E-01	-1.76E-01	-2.81E+00	60.46	-8.16E-01	-1.13E+00	
	96.00	-4.50E-05	7.06E-06	1.87E-05	8.69E-05	2.34E-04	-5.73E-05	3.17E-05	-6.96E-05				
98	682.27	-9.17E-01	-4.66E-01	5.79E-02	2.17E+00	9.22E-01	-1.05E+00	1.49E+00	-2.87E+00	47.97	1.13E+00	-1.19E+00	
	112.00	-2.07E-05	-3.36E-06	1.68E-05	1.67E-04	7.09E-05	-8.10E-05	7.17E-05	-9.58E-05				
99	751.43	-3.23E+00	1.74E-01	-3.79E-01	2.29E+00	1.97E+00	-2.90E+00	1.32E+00	-4.38E+00	63.32	1.74E-01	-2.29E+00	
	96.00	-8.66E-05	4.45E-05	2.32E-05	1.76E-04	1.52E-04	-2.23E-04	8.87E-05	-1.31E-04				
100	683.25	-6.74E-01	-1.91E-01	3.33E-01	7.82E-01	7.20E-01	-1.07E+00	3.86E-01	-1.25E+00	53.59	-6.74E-01	7.82E-01	
	152.00	-2.01E-05	-1.49E-06	1.86E-05	6.01E-05	5.54E-05	-8.23E-05	2.07E-05	-4.22E-05				
101	648.67	-3.94E+00	-1.71E+00	-1.32E+00	4.94E-01	2.15E+00	-5.42E-01	-1.60E+00	-4.05E+00	78.07	-1.71E+00	-4.94E-01	
	192.00	-7.50E-05	1.10E-05	2.57E-05	3.80E-05	1.65E-04	-4.17E-05	1.50E-05	-7.90E-05				
102	725.25	-6.10E-01	3.62E-01	6.34E-01	7.93E-01	5.80E-01	-8.55E-01	8.06E-01	-1.05E+00	60.75	-1.30E-01	-9.30E-01	
	232.70	-2.77E-05	9.69E-06	2.02E-05	6.10E-05	4.46E-05	-6.58E-05	2.68E-05	-4.48E-05				
103	635.50	-6.92E-01	-9.71E-01	-1.17E-01	-1.33E-02	4.55E-01	5.63E-01	-6.91E-01	-9.72E-01	-2.72	-6.92E-01	-1.33E-02	
	256.00	-7.05E-06	-1.78E-05	1.51E-05	-1.02E-06	3.50E-05	4.33E-05	-7.02E-06	-1.78E-05				
104	635.50	-1.38E+00	-9.72E-01	-6.74E-02	-6.09E-02	1.67E+00	-8.08E-02	-9.63E-01	-1.39E+00	-61.62	-9.72E-01	6.09E-02	
	290.67	-2.64E-05	-1.08E-05	2.40E-05	-4.69E-06	1.28E-04	-6.22E-06	-1.05E-05	-2.67E-05				
105	569.00	7.01E-01	-2.13E-01	2.77E-01	3.04E+00	1.03E+00	-2.86E+00	3.32E+00	-2.83E+00	40.73	7.01E-01	3.04E+00	
	16.50	1.85E-05	-1.66E-05	2.26E-06	2.34E-04	7.93E-05	-2.20E-04	1.19E-04	-1.17E-04				
106	508.50	7.42E+00	4.92E+00	4.93E+00	2.41E+00	2.58E+00	-8.06E-01	8.88E+00	3.45E+00	31.29	4.92E+00	-2.41E+00	
	13.00	9.55E-05	-6.61E-07	-6.12E-09	1.85E-04	1.99E-04	-6.20E-05	1.52E-04	-5.70E-05				
107	521.00	1.91E+00	7.16E-01	8.19E-01	3.09E+00	8.65E-01	-1.55E+00	4.46E+00	-1.84E+00	39.56	1.91E+00	3.09E+00	
	15.75	3.55E-05	-1.03E-05	-6.32E-06	2.38E-04	6.65E-05	-1.19E-04	1.34E-04	-1.05E-04				
108	526.25	1.65E+00	5.97E-01	7.48E-01	3.40E+00	7.34E-01	-1.61E+00	4.56E+00	-2.32E+00	40.61	1.65E+00	3.40E+00	
	21.00	3.05E-05	-9.92E-06	-4.12E-06	2.61E-04	5.65E-05	-1.24E-04	1.43E-04	-1.22E-04				
109	515.50	4.72E+00	3.13E+00	3.30E+00	4.28E+00	1.86E+00	-8.15E-01	8.28E+00	-4.30E-01	39.74	3.13E+00	-4.28E+00	
	26.00	5.90E-05	-2.17E-06	4.44E-06	3.30E-04	1.43E-04	-6.27E-05	1.96E-04	-1.39E-04				
110	531.50	7.13E-01	3.07E-01	4.20E-01	2.76E+00	5.18E-01	-1.40E+00	3.26E+00	-2.26E+00	42.90	7.13E-01	2.76E+00	
	34.50	1.16E-05	-4.01E-06	3.24E-07	2.13E-04	3.98E-05	-1.07E-04	1.10E-04	-1.03E-04				
111	515.50	-1.84E+00	-3.14E+00	-2.12E+00	8.27E+00	4.19E-01	8.03E-01	5.80E+00	-1.08E+01	42.76	-1.84E+00	8.27E+00	
	44.00	[illegible]2E-06	-4.27E-05	-3.42E-06	6.36E-04	3.22E-05	6[illegible]05	3.01E-04	-3.37E-04				
112	515.50	[illegible]0E-01	-5.04E-02	1.41E-01	1.85E+00	1.15E+00	[illegible]01	1.77E+00	-2.01E+00	46.06	-5.04E-02	-1.8[illegible]	

	.7603E+03	.1163E+03	-.9890E+01	.5	.1061E+03	.6220E+03
	.0000E+00	.0000E+00	.0000E+00	.000	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	-.3387E+03	-.4783E+02	-.6873E+01	.9765E+02	.1672E+03	.6108E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	.4490E+03	.6972E+02	-.6141E+01	.6783E+02	.2551E+03	.5615E+03
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	-.3045E+03	-.4281E+02	-.5124E+01	.5483E+02	.3045E+03	.5107E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	.3473E+03	.5568E+02	-.5167E+01	.5963E+02	.3789E+03	.4607E+03
109	-.2094E+03	-.2739E+02	-.4345E+01	.6318E+02	.4237E+03	.3973E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	.2896E+03	.4805E+02	-.4129E+01	.2971E+02	.4793E+03	.3345E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	.1769E+03	.2387E+02	-.3890E+00	.9308E+01	.4991E+03	.2677E+03
115	.6929E+02	.1542E+02	.1007E+01	-.9010E+01	.5000E+03	.1987E+03
116	.1355E+03	.2586E+02	.2746E+01	-.1804E+02	.5146E+03	.1593E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	.1530E+03	.2873E+02	.4268E+01	-.2909E+01	.5234E+03	.1330E+03
119	.1237E+03	.2383E+02	.6127E+01	-.3766E+02	.4730E+03	.8542E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	.2744E+03	.3380E+02	.1642E+02	-.2586E+02	.3965E+03	.5137E+02
122	.2291E+03	.1324E+02	.2554E+02	.1281E+02	.3802E+03	.4347E+02
123	.1717E+03	.8066E+01	.2257E+02	.8650E+01	.3308E+03	.3877E+02
124	.1231E+03	.5558E+01	.1558E+02	.5799E+01	.2713E+03	.3497E+02
125	.7845E+02	.2015E+01	.1143E+02	.3443E+01	.2231E+03	.3136E+02
126	.1999E+02	-.6907E+01	.1061E+02	.4168E+00	.1858E+03	.2750E+02
127	-.2245E+02	-.1391E+02	.1075E+02	-.1596E+01	.1568E+03	.2268E+02
128	-.6489E+02	-.1939E+02	.1001E+02	-.6378E+01	.9843E+02	.1729E+02
129	-.6410E+02	-.1653E+02	.8129E+01	-.9456E+01	.5233E+02	.1273E+02
130	-.4365E+02	-.9947E+01	.5640E+01	-.8707E+01	.1942E+02	.9811E+01
131	-.1112E+02	-.1736E+01	.3521E+01	-.7435E+01	.3155E+01	.8253E+01
132	.1324E+01	.8240E+00	.2544E+01	-.4908E+01	.5693E+01	.7332E+01
133	.2298E+01	.6879E+00	.2380E+01	-.3380E+01	.8520E+01	.6294E+01
134	.6178E+00	.1838E+00	.2412E+01	-.2578E+01	.7604E+01	.4984E+01
135	-.2506E-01	-.1700E-02	.2716E+01	-.1962E+01	.5357E+01	.3669E+01
136	-.1031E-01	.1009E-01	.3622E+01	-.1363E+01	.3439E+01	.2440E+01
137	-.9225E-01	-.3184E-01	.5784E+01	-.8964E+00	.1533E+01	.1328E+01
138	.5961E-01	.1472E+00	.1054E+03	-.5240E+00	-.3844E+00	.6469E+00
139	.1048E+00	.1699E+00	-.5905E+02	-.9087E-01	.2033E+00	-.1921E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9800E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	-.17869E-01	-.89916E-04	.17774E-01	.00000E+00
3	-.32586E-01	-.30193E-03	.32621E-01	.00000E+00
4	-.35408E-01	-.29997E-03	.35431E-01	.00000E+00

5	-.39316E-01	-.45559E-04	.38330E-01	.00000E+00
6	-.43350E-01	.14369E-04	.43347E-01	-.23913E-05
7	-.39747E-01	-.43313E-03	.40180E-01	.00000E+00
8	-.43462E-01	-.30305E-03	.43563E-01	-.13605E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	-.17629E-01	-.13311E-03	.17728E-01	.00000E+00
11	-.32785E-01	-.27024E-03	.33084E-01	.00000E+00
12	-.36666E-01	-.26299E-03	.37004E-01	.00000E+00
13	-.39726E-01	-.18196E-03	.39816E-01	.00000E+00
14	-.43724E-01	-.18942E-03	.44127E-01	-.12485E-05
15	-.40328E-01	-.46364E-03	.41490E-01	.00000E+00
16	-.44110E-01	-.28771E-03	.45061E-01	.35324E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	-.17828E-01	-.14579E-03	.18207E-01	.00000E+00
19	-.33432E-01	-.18705E-03	.34304E-01	.00000E+00
20	-.37528E-01	-.20815E-03	.38553E-01	.00000E+00
21	-.40710E-01	-.49039E-05	.41590E-01	.00000E+00
22	-.44650E-01	.98093E-04	.46371E-01	.88883E-06
23	-.41857E-01	-.56515E-03	.44476E-01	.00000E+00
24	-.45309E-01	-.33791E-03	.48104E-01	-.10302E-04
25	-.45773E-01	-.57138E-03	.49246E-01	.19493E-05
26	-.46041E-01	-.44429E-03	.49931E-01	.97360E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	-.17987E-01	-.27055E-03	.18420E-01	.00000E+00
29	-.34347E-01	-.34135E-03	.35246E-01	.00000E+00
30	-.38394E-01	-.29764E-03	.40217E-01	.00000E+00
31	-.42102E-01	-.43842E-03	.44758E-01	.00000E+00
32	-.46330E-01	-.50423E-03	.50695E-01	-.29919E-04
33	-.42041E-01	-.90870E-03	.44598E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	-.17939E-01	-.50047E-03	.18316E-01	.00000E+00
36	-.34717E-01	-.43256E-03	.35260E-01	.00000E+00
37	-.38875E-01	-.42757E-03	.39821E-01	.00000E+00
38	-.43341E-01	-.42957E-03	.46189E-01	.00000E+00
39	-.46800E-01	-.71942E-03	.51969E-01	.32052E-04
40	-.46713E-01	-.95454E-03	.51671E-01	.11563E-04
41	-.46631E-01	-.99110E-03	.51395E-01	-.42082E-05
42	-.46516E-01	-.83571E-03	.51089E-01	-.20918E-04
43	-.38795E-01	-.74734E-03	.38127E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	-.17021E-01	.40972E-03	.16150E-01	.00000E+00
46	-.34992E-01	-.31784E-03	.32915E-01	.00000E+00
47	-.46940E-01	-.48254E-03	.52071E-01	.24583E-04
48	-.46828E-01	-.59396E-03	.52069E-01	.39767E-04
49	-.43309E-01	-.50493E-03	.45738E-01	.00000E+00
50	-.47298E-01	-.58048E-03	.52276E-01	.11150E-03
51	-.44038E-01	-.71709E-03	.44084E-01	.00000E+00
52	-.49247E-01	-.47305E-03	.48490E-01	.00000E+00
53	-.46868E-01	-.36669E-03	.52082E-01	.22321E-05
54	-.38849E-01	-.23806E-03	.34989E-01	.00000E+00
55	-.43537E-01	-.59702E-03	.38541E-01	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	-.14649E-01	-.14378E-02	.11092E-01	.00000E+00
58	-.31395E-01	-.59390E-03	.21152E-01	.00000E+00
59	-.50359E-01	-.59891E-04	.45033E-01	.00000E+00
60	-.49696E-01	-.38234E-03	.46851E-01	.00000E+00
61	-.47726E-01	-.57750E-03	.52407E-01	.17050E-03
62	-.36818E-01	.11632E-04	.25610E-01	.00000E+00
63	-.42326E-01	.32468E-03	.31699E-01	.00000E+00
64	-.50254E-01	-.38469E-03	.49193E-01	.00000E+00
65	-.48302E-01	-.57546E-03	.52530E-01	.21118E-03
66	-.49725E-01	-.56311E-03	.52776E-01	[illegible]5547E-03
[illegible]	-.51254E-01	-.55932E-03	.53043E-01	[illegible]72E-03
[illegible]	.00000E+00	.00000E+00	.00000E+00	[illegible]00E+00

	-.11544E-01	.26505E-03	.62104E-02	.00000E+00
	-.33180E-01	.30587E-03	.20112E-01	.00000E+00
	-.49224E-01	.76763E-03	.36176E-01	.00000E+00
72	-.51562E-01	-.22511E-03	.49159E-01	.00000E+00
73	-.40779E-01	.39706E-03	.22136E-01	.00000E+00
74	-.54901E-01	-.10302E-03	.51531E-01	.00000E+00
75	-.52550E-01	-.54454E-03	.53279E-01	.18371E-03
76	-.54277E-01	-.57091E-03	.53775E-01	.12756E-03
77	-.46249E-01	.31139E-02	.27982E-01	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	-.13640E-01	-.40729E-03	.76502E-02	.00000E+00
80	-.31759E-01	.66706E-03	.16574E-01	.00000E+00
81	-.35054E-01	.66367E-03	.17811E-01	.00000E+00
82	-.39318E-01	.12990E-02	.22266E-01	.00000E+00
83	-.54856E-01	.13609E-02	.40165E-01	.00000E+00
84	-.51605E-01	.16769E-02	.30843E-01	.00000E+00
85	-.56230E-01	-.55338E-03	.54362E-01	.10157E-03
86	-.56821E-01	-.87096E-04	.53391E-01	.00000E+00
87	-.47120E-01	.13514E-02	.25171E-01	.00000E+00
88	-.56968E-01	.34385E-03	.47209E-01	.00000E+00
89	-.57558E-01	-.59052E-03	.54975E-01	.81117E-04
90	-.35943E-01	.39374E-03	.96178E-02	.00000E+00
91	-.38536E-01	.78142E-03	.11216E-01	.00000E+00
92	-.41215E-01	.37985E-03	.12182E-01	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	-.15466E-01	.00000E+00	.36576E-02	.00000E+00
95	-.28461E-01	.00000E+00	.64275E-02	.00000E+00
96	-.32617E-01	.00000E+00	.76359E-02	.00000E+00
97	-.33998E-01	.00000E+00	.70440E-02	.00000E+00
98	-.33337E-01	.00000E+00	.66259E-02	.00000E+00
99	-.36565E-01	.16367E-04	.78376E-02	.00000E+00
100	-.45293E-01	.59860E-03	.16550E-01	.00000E+00
101	-.54752E-01	.80908E-03	.30386E-01	.00000E+00
102	-.59628E-01	-.60858E-03	.55825E-01	.73275E-04
103	-.57409E-01	.11402E-02	.40586E-01	.00000E+00
104	-.60628E-01	-.31496E-03	.55412E-01	.00000E+00
105	-.61062E-01	-.60778E-03	.56590E-01	.63459E-04
106	-.59992E-01	.13320E-02	.45856E-01	.00000E+00
107	-.63001E-01	-.30776E-03	.56139E-01	.00000E+00
108	-.62732E-01	-.59360E-03	.57286E-01	.60574E-04
109	-.63921E-01	-.59078E-03	.57906E-01	.51228E-04
110	-.63150E-01	-.49528E-04	.48854E-01	.00000E+00
111	-.65527E-01	-.66292E-03	.57612E-01	.00000E+00
112	-.65225E-01	-.57787E-03	.58412E-01	.45878E-04
113	-.65025E-01	.30161E-03	.52360E-01	.00000E+00
114	-.65940E-01	-.51772E-03	.58850E-01	.17440E-04
115	-.66182E-01	-.47639E-03	.59166E-01	.38536E-05
116	-.66139E-01	-.39554E-03	.59397E-01	-.84281E-05
117	-.65890E-01	-.78197E-03	.59279E-01	.00000E+00
118	-.65985E-01	-.37197E-03	.59489E-01	-.17248E-04
119	-.65511E-01	-.32336E-03	.59599E-01	-.30001E-04
120	-.66571E-01	-.27914E-03	.59577E-01	.00000E+00
121	-.64570E-01	-.24349E-03	.59671E-01	-.53845E-04
122	-.64466E-01	.17120E-03	.59766E-01	-.60349E-04
123	-.64313E-01	.55946E-03	.59842E-01	-.67735E-04
124	-.64140E-01	.99513E-03	.59918E-01	-.76056E-04
125	-.63911E-01	.14957E-02	.59997E-01	-.85649E-04
126	-.63473E-01	.24093E-02	.60128E-01	-.95923E-04
127	-.63010E-01	.33306E-02	.60254E-01	-.95875E-04
128	-.62151E-01	.53064E-02	.60512E-01	-.75184E-04
129	-.61591E-01	.66483E-02	.60750E-01	-.46125E-04
130	-.61309E-01	.73361E-02	.61008E-01	-.12956E-04
131	-.61444E-01	.70716E-02	.61401E-01	.21128E-04
132	-.61830E-01	.58488E-02	.61745E-01	.29735E-04

133	-.62167E-01	.46078E-02	.62045E-01	.25141E-04
134	-.62387E-01	.36385E-02	.62297E-01	.20553E-04
135	-.62539E-01	.27383E-02	.62481E-01	.19082E-04
136	-.62649E-01	.19130E-02	.62623E-01	.19298E-04
137	-.62714E-01	.10453E-02	.62706E-01	.19234E-04
138	-.62758E-01	.15492E-03	.62758E-01	.19842E-04
139	-.62758E-01	.19460E-04	.62758E-01	.19499E-04

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9800E+01

ELM	R-DRD Z-DRD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	-2.94E-04	-4.66E-02	-1.83E-02	-2.17E+00	-1.90E-03	2.18E+00	2.15E+00	-2.19E+00	-44.69	-2.94E-04	-2.17E+00
	-303.00	8.34E-07	-1.27E-06	1.51E-08	-1.97E-04	-1.73E-07	1.98E-04	9.85E-05	-9.89E-05			
2	72.00	-2.28E-02	-6.79E-02	-1.20E-04	-1.83E+00	3.03E-03	1.88E+00	1.78E+00	-1.87E+00	-44.65	-2.28E-02	-1.83E+00
	-213.00	1.43E-07	-1.51E-06	1.17E-06	-1.66E-04	2.76E-07	1.71E-04	8.21E-05	-8.39E-05			
3	72.00	-3.05E-01	-7.56E-02	2.39E-02	-1.22E+00	1.02E-01	1.32E+00	1.04E+00	-1.42E+00	-47.67	-3.05E-01	-1.22E+00
	-138.00	-5.06E-06	1.52E-07	2.41E-06	-5.56E-05	4.66E-06	6.00E-05	2.55E-05	-3.04E-05			
4	24.00	-1.20E+00	-5.38E-01	-6.62E-01	-2.27E+00	3.22E-01	2.44E+00	1.42E+00	-3.16E+00	-49.17	-1.20E+00	-2.27E+00
	-68.00	-1.99E-05	5.71E-06	9.64E-07	-1.75E-04	2.47E-05	1.88E-04	8.12E-05	-9.53E-05			
5	72.00	3.30E-01	1.17E-01	3.50E-01	-9.81E-01	-6.38E-02	1.08E+00	1.21E+00	-7.64E-01	-41.91	1.17E-01	9.81E-01
	-88.00	3.93E-06	-4.25E-06	4.70E-06	-7.55E-05	-4.91E-06	8.31E-05	3.78E-05	-3.81E-05			
6	120.00	1.63E-01	1.51E-01	2.28E-01	-1.95E+00	-1.03E-01	1.93E+00	2.11E+00	-1.79E+00	-44.92	-1.76E+00	3.46E-01
	-68.00	2.95E-07	-1.35E-07	2.82E-06	-1.50E-04	-7.89E-06	1.49E-04	7.50E-05	-7.49E-05			
7	36.25	-5.55E-01	-2.30E-01	-1.77E-01	-1.04E+00	1.38E-01	1.01E+00	6.63E-01	-1.45E+00	-49.42	-5.19E-01	-1.05E+00
	-19.00	-1.08E-05	1.71E-06	3.76E-06	-8.02E-05	1.06E-05	7.76E-05	3.61E-05	-4.51E-05			
8	108.00	4.83E-02	1.20E-01	1.54E-01	-8.31E-01	-1.29E-02	8.96E-01	9.16E-01	-7.48E-01	-46.23	4.83E-02	-8.31E-01
	-19.00	-1.68E-06	1.07E-06	2.38E-06	-6.40E-05	-9.90E-07	6.89E-05	3.17E-05	-3.23E-05			
9	216.00	-9.08E-02	-1.10E-01	-6.35E-02	-2.17E+00	1.22E-02	2.20E+00	2.07E+00	-2.27E+00	-44.87	-9.08E-02	-2.17E+00
	-303.00	-6.90E-07	-1.58E-06	5.54E-07	-1.97E-04	1.11E-06	2.00E-04	9.74E-05	-9.96E-05			
10	216.00	-1.52E-01	-1.08E-01	-4.53E-02	-1.88E+00	4.39E-02	1.93E+00	1.75E+00	-2.01E+00	-45.33	-1.52E-01	-1.89E+00
	-213.00	-2.94E-06	-9.58E-07	1.91E-06	-1.71E-04	3.99E-06	1.76E-04	8.34E-05	-8.73E-05			
11	216.00	-3.10E-01	-8.50E-02	4.92E-02	-1.45E+00	1.47E-01	1.52E+00	1.26E+00	-1.65E+00	-47.22	-3.10E-01	-1.45E+00
	-138.00	-8.24E-06	-1.15E-07	2.93E-06	-6.60E-05	6.68E-06	6.92E-05	3.04E-05	-3.58E-05			
12	168.00	-5.80E-01	-3.80E-01	-3.11E-01	-2.17E+00	2.76E-01	2.21E+00	1.69E+00	-2.65E+00	-46.32	-5.80E-01	-2.17E+00
	-68.00	-8.36E-06	-6.43E-07	2.01E-06	-1.67E-04	2.12E-05	1.70E-04	7.91E-05	-8.81E-05			
13	216.00	4.97E-01	1.37E-01	4.27E-01	-8.77E-01	-4.71E-02	9.67E-01	1.21E+00	-5.78E-01	-39.20	1.37E-01	8.77E-01
	-88.00	7.47E-06	-6.39E-06	4.75E-06	-6.75E-05	-3.62E-06	7.44E-05	3.50E-05	-3.39E-05			
14	264.00	-8.11E-02	1.22E-01	1.58E-01	-1.90E+00	-3.24E-02	1.96E+00	1.93E+00	-1.88E+00	-46.53	-1.83E+00	4.43E-01
	-68.00	-5.31E-06	2.52E-06	3.88E-06	-1.46E-04	-2.49E-06	1.51E-04	7.19E-05	-7.47E-05			
15	180.00	-2.70E-01	-5.42E-02	1.93E-03	-9.06E-01	1.88E-01	9.04E-01	7.51E-01	-1.06E+00	-48.40	-2.70E-01	-9.06E-01
	-19.00	-6.85E-06	1.46E-06	3.62E-06	-6.97E-05	1.45E-05	6.95E-05	3.24E-05	-3.78E-05			
16	252.00	-1.31E-01	9.76E-02	1.57E-01	-7.89E-01	6.65E-02	9.44E-01	7.91E-01	-8.14E-01	-49.13	-1.31E-01	-7.89E-01
	-19.00	-6.41E-06	2.40E-06	4.68E-06	-6.07E-05	5.12E-06	7.27E-05	2.87E-05	-3.27E-05			
17	361.00	-1.13E-01	-1.52E-01	-8.88E-02	-2.19E+00	1.86E-03	2.24E+00	2.06E+00	-2.33E+00	-44.75	-1.13E-01	-2.19E+00
	-303.00	-5.48E-07	-2.31E-06	5.62E-07	-1.99E-04	1.69E-07	2.04E-04	9.83E-05	-1.01E-04			
18	361.00	-1.92E-01	-1.24E-01	-7.12E-02	-1.96E+00	2.38E-02	2.02E+00	1.81E+00	-2.12E+00	-45.49	-1.92E-01	-1.96E+00
	-213.00	-3.68E-06	-6.22E-07	1.79E-06	-1.79E-04	2.17E-06	1.84E-04	8.71E-05	-9.14E-05			
19	361.00	-3.58E-01	-8.12E-02	5.13E-02	-1.51E+00	1.26E-01	1.71E+00	1.30E+00	-1.74E+00	-47.62	-3.58E-01	-1.51E+00
	-138.00	-6.10E-06	1.88E-07	3.20E-06	-6.87E-05	5.72E-06	7.75E-05	3.15E-05	-3.74E-05			
20	312.00	-1.03E+00	-5.93E-01	-5.29E-01	-2.42E+00	4.78E-01	2.61E+00	1.62E+00	-3.24E+00	-47.57	-1.03E+00	-2.42E+00
	-68.00	-1.59E-05	8.25E-07	3.29E-06	-1.86E-04	3.68E-05	2.01E-04	8.58E-05	-1.01E-04			
21	360.67	8.40E-01	3.58E-01	6.63E-01	-1.12E+00	-1.49E-01	1.39E+00	1.74E+00	-5.42E-01	-38.90	3.58E-01	1.12E+00
	-88.00	1.19E-05	-6.68E-06	5.05E-06	-8.58E-05	-1.14E-05	1.07E-04	4.65E-05	-4.13E-05			
22	400.33	-5.03E-01	-6.55E-01	-3.01E-01	-2.33E+00	-8.37E-03	2.90E+00	1.76E+00	-2.91E+00	-44.07	-2.88E+00	4.08E-01
	-68.00	-3.32E-06	-9.15E-06	4.45E-06	-1.80E-04	-6.44E-07	2.23E-04	8.36E-05	-9.61E-05			
23	324.00	-5.09E-01	-1.09E-01	-2.19E-02	-9.18E-01	3.37E-01	9.50E-01	6.31E-01	-1.25E+00	-51.15	-5.09E-01	-9.18E-01
	-19.00	-1.25E-05	2.85E-06	6.18E-06	-7.06E-05	2.55E-05	7.31E-05	3.13E-05	-4.10E-05			
24	372.00	-2.39E-01	2.98E-01	2.80E-01	-2.51E+00	3.21E-01	2.71E+00	2.55E+00	-2.49E+00	-48.05	-2.38E-01	-2.51E+00
	-9.33	[illegible]9E-05	7.73E-06	7.04E-06	-1.93E-04	2.47E-05	2[illegible]04	9.45E-05	-9.97E-05			
25	401	[illegible]E-01	-7.63E-03	2.13E-01	-8.22E-01	9.48E-02	[illegible]00	7.34E-01	-9.18E-01	-47.93	6.07E-01	-4.4

	-19.00	[illegible]10E-06	-4.12E-07	7.87E-06	-6.32E-05	7.29E-06	[illegible]	-05	2.79E-05	-3.56E-05				
26	427.67	[illegible].99E-01	-6.54E-01	-4.31E-01	-2.82E+00	4.42E-01	[illegible]	+00	2.00E+00	-3.65E+00	-46.70	-2.62E+00	-2.17E[illegible]	
	-9.33	-1.52E-05	-2.37E-05	6.21E-06	-2.17E-04	3.40E-05	2.[illegible]E-04		9.08E-05	-1.17E-04				
27	457.00	-1.34E-01	-2.40E-01	-1.36E-01	-2.22E+00	-1.74E-02	2.25E+00		2.04E+00	-2.41E+00	-44.32	-1.34E-01	-2.22E+00	
	-303.00	5.24E-07	-4.26E-06	4.43E-07	-2.02E-04	-1.58E-06	2.05E-04		9.92E-05	-1.03E-04				
28	457.00	-1.77E-01	-1.01E-01	-7.33E-02	-2.06E+00	-2.44E-02	2.07E+00		1.92E+00	-2.20E+00	-45.53	-1.77E-01	-2.06E+00	
	-213.00	-3.50E-06	-1.60E-08	1.23E-06	-1.83E-04	-2.22E-06	1.88E-04		9.21E-05	-9.56E-05				
29	457.00	-6.23E-01	-1.99E-01	-1.14E-01	-1.56E+00	-1.42E-01	1.77E+00		1.16E+00	-1.98E+00	-48.88	-6.23E-01	-1.56E+00	
	-138.00	-9.25E-06	4.06E-07	2.30E-06	-7.08E-05	-6.47E-06	8.02E-05		3.13E-05	-4.01E-05				
30	442.00	-3.61E-01	-8.14E-01	-3.20E-01	-2.65E+00	-1.40E-01	2.93E+00		2.07E+00	-3.25E+00	-42.56	-3.61E-01	-2.65E+00	
	-68.00	2.54E-06	-1.49E-05	4.12E-06	-2.04E-04	-1.03E-05	2.25E-04		9.62E-05	-1.09E-04				
31	457.33	3.22E+00	1.66E+00	2.02E+00	-9.77E-01	-1.60E+00	1.59E+00		3.65E+00	1.19E+00	-25.69	1.66E+00	9.77E-01	
	-88.00	4.79E-05	-1.21E-05	2.07E-06	-7.51E-05	-1.23E-04	1.22E-04		6.60E-05	-3.02E-05				
32	472.67	-4.92E+00	-3.60E+00	-3.34E+00	-2.34E+00	9.14E-01	3.81E+00		-1.83E+00	-6.69E+00	-52.92	-6.28E+00	-1.35E+00	
	-68.00	-5.91E-05	-8.05E-06	2.00E-06	-1.80E-04	7.03E-05	2.93E-04		5.99E-05	-1.27E-04				
33	443.00	-5.22E-01	-3.13E-01	-4.35E-02	-1.31E+00	1.25E-01	1.46E+00		8.95E-01	-1.73E+00	-47.29	-5.22E-01	-1.31E+00	
	-10.50	-1.04E-05	-2.39E-06	7.99E-06	-1.01E-04	9.65E-06	1.12E-04		4.41E-05	-5.69E-05				
34	454.00	-3.83E+00	-2.53E+00	-2.34E+00	-3.46E+00	1.06E+00	4.86E+00		3.43E-01	-6.70E+00	-50.32	-5.19E+00	-2.89E+00	
	-11.33	-5.17E-05	-1.70E-06	5.63E-06	-2.66E-04	8.19E-05	3.74E-04		1.09E-04	-1.62E-04				
35	461.67	-5.01E-01	-4.07E-01	-1.61E-01	-3.29E+00	2.53E-01	5.00E+00		2.84E+00	-3.75E+00	-45.41	-5.01E-01	-3.29E+00	
	-12.00	-7.51E-06	-3.90E-06	5.54E-06	-2.53E-04	1.95E-05	3.85E-04		1.21E-04	-1.32E-04				
36	469.00	2.29E+00	1.00E+00	1.54E+00	-3.39E-01	-1.44E+00	1.09E+00		2.38E+00	9.17E-01	-13.86	1.00E+00	3.39E-01	
	-30.00	3.51E-05	-1.46E-05	6.07E-06	-2.61E-05	-1.11E-04	1.53E-04		3.83E-05	-1.78E-05				
37	476.33	-1.37E+00	-1.70E+00	-1.01E+00	-2.20E+00	2.75E-01	4.11E+00		6.73E-01	-3.74E+00	-42.86	-2.24E+00	-2.09E+00	
	-12.00	-7.85E-06	-2.05E-05	5.98E-06	-1.69E-04	2.12E-05	3.16E-04		7.06E-05	-9.90E-05				
38	558.50	1.61E-01	8.57E-02	9.19E-02	-2.10E+00	-7.34E-02	2.11E+00		2.23E+00	-1.98E+00	-44.49	1.61E-01	-2.10E+00	
	-303.00	2.92E-06	-5.04E-07	-2.21E-07	-1.91E-04	-6.68E-06	1.92E-04		9.69E-05	-9.45E-05				
39	558.50	-6.61E-02	-1.92E-01	-1.31E-01	-2.09E+00	-1.48E-01	2.06E+00		1.96E+00	-2.22E+00	-44.14	-6.61E-02	-2.09E+00	
	-213.00	2.05E-06	-3.66E-06	-9.08E-07	-1.90E-04	-1.35E-05	1.88E-04		9.41E-05	-9.57E-05				
40	506.17	-5.39E-02	-3.22E-01	-5.14E-02	-4.63E+00	-4.98E-01	4.41E+00		4.45E+00	-4.82E+00	-44.17	-5.39E-02	-4.63E+00	
	-128.00	1.02E-06	-5.08E-06	1.07E-06	-2.11E-04	-2.26E-05	2.01E-04		1.03E-04	-1.07E-04				
41	558.50	1.12E+00	-2.66E-01	4.30E-02	-2.00E+00	-1.31E+00	2.88E+00		2.54E+00	-1.69E+00	-35.45	-2.66E-01	2.00E+00	
	-148.00	2.07E-05	-1.07E-05	-3.72E-06	-9.09E-05	-5.93E-05	1.31E-04		5.31E-05	-4.31E-05				
42	610.83	-3.13E-01	-4.81E-01	-4.33E-01	-4.08E+00	-8.05E-01	3.44E+00		3.68E+00	-4.48E+00	-44.41	-4.36E+00	9.90E-01	
	-128.00	-6.83E-07	-4.50E-06	-3.40E-06	-1.85E-04	-3.66E-05	1.87E-04		9.02E-05	-9.53E-05				
43	501.38	2.26E-01	1.29E-01	2.43E-01	-1.04E+00	-4.79E-01	1.26E+00		1.21E+00	-8.59E-01	-43.66	2.26E-01	-1.04E+00	
	-78.00	2.12E-06	-1.60E-06	2.77E-06	-7.96E-05	-3.68E-05	9.73E-05		4.01E-05	-3.96E-05				
44	534.67	-5.99E-01	-2.02E-01	-3.66E-01	-3.29E+00	-2.84E-01	4.25E+00		2.89E+00	-3.69E+00	-46.73	-3.60E+00	7.66E-01	
	-68.00	-1.02E-05	5.05E-06	-1.25E-06	-2.53E-04	-2.19E-05	3.27E-04		1.24E-04	-1.29E-04				
45	584.67	6.21E-01	5.47E-01	4.25E-01	-3.28E+00	-9.03E-01	2.69E+00		3.96E+00	-2.70E+00	-44.67	6.21E-01	-3.28E+00	
	-68.00	6.38E-06	3.51E-06	-1.14E-06	-2.52E-04	-6.95E-05	2.07E-04		1.31E-04	-1.21E-04				
46	610.83	3.16E+00	1.11E+00	1.48E+00	-1.79E+00	-1.55E+00	2.22E+00		4.20E+00	7.11E-02	-30.12	1.11E+00	1.79E+00	
	-88.00	5.84E-05	-2.05E-05	-6.32E-06	-1.38E-04	-1.19E-04	1.71E-04		9.83E-05	-6.04E-05				
47	482.63	2.06E-01	1.37E-01	4.33E-01	-7.29E-01	-4.41E-01	1.46E+00		9.01E-01	-5.58E-01	-43.66	2.06E-01	-7.29E-01	
	-21.00	-6.23E-07	-3.24E-06	8.13E-06	-5.61E-05	-3.39E-05	1.12E-04		2.61E-05	-3.00E-05				
48	485.83	-5.19E-02	1.66E-02	1.68E-01	-2.13E+00	-5.75E-02	4.59E+00		2.12E+00	-2.15E+00	-45.46	-3.27E-01	-2.11E+00	
	-12.00	-3.45E-06	-8.19E-07	5.00E-06	-1.64E-04	-4.42E-06	3.53E-04		8.00E-05	-8.42E-05				
49	507.38	-5.69E-02	2.48E-01	3.08E-01	-8.07E-01	-2.83E-01	1.63E+00		9.16E-01	-7.25E-01	-50.35	-5.69E-02	-8.07E-01	
	-21.00	-7.67E-06	4.05E-06	6.36E-06	-6.20E-05	-2.17E-05	1.25E-04		2.98E-05	-3.34E-05				
50	538.67	-6.51E-01	1.73E-01	-1.88E-01	-2.91E+00	-1.15E+00	3.66E+00		2.70E+00	-3.18E+00	-49.03	-3.10E+00	6.92E-01	
	-10.00	-1.77E-05	1.40E-05	8.61E-08	-2.24E-04	-8.87E-05	2.81E-04		1.11E-04	-1.15E-04				
51	484.67	1.03E+01	7.17E+00	7.40E+00	1.74E-01	-8.88E-01	4.62E-01		1.03E+01	7.16E+00	3.15	7.17E+00	-1.74E-01	
	6.00	1.24E-04	2.25E-06	1.08E-05	1.34E-05	-6.83E-05	3.56E-05		1.24E-04	1.86E-06				
52	507.00	-2.03E+00	-3.39E+00	-2.26E+00	-1.90E+00	-5.37E-01	-1.59E+00		-1.24E+00	-5.07E+00	-41.59	-4.70E+00	-1.13E+00	
	0.00	-1.84E-05	-3.59E-05	7.23E-06	-1.46E-04	-4.13E-05	-1.22E-04		4.64E-05	-1.01E-04				
53	603.00	-2.00E-01	6.34E-02	-2.49E-01	-1.29E+00	-6.14E-01	1.13E+00		1.22E+00	-1.35E+00	-47.94	6.26E-01	-1.08E+00	
	-18.00	-3.44E-06	6.68E-06	-5.35E-06	-9.83E-05	-4.73E-05	8.71E-05		5.10E-05	-4.78E-05				
54	712.00	1.87E-01	-1.20E-01	-2.07E-02	-2.01E+00	-1.68E-01	1.67E+00		2.05E+00	-1.98E+00	-42.81	1.87E-01	-2.01E+00	
	-303.00	7.91E-06	-6.04E-06	-1.55E-06	-1.82E-04	-1.53E-05	1.52E-04		9.23E-05	-9.05E-05				
55	712.00	1.10E+00	6.79E-01	5.29E-01	-2.20E+00	-5.52E-01	1.65E+00		3.10E+00	-1.32E+00	-42.30	1.10E+00	-2.20E+00	
	-213.00	1.99E-05	9.52E-07	-5.88E-06	-2.00E-04	-5.02E-05	1.50E-04		1.11E-04	-9.01E-05				
56	712.00	1.32E+00	7.45E-01	6.85E-02	-1.70E+00	-1.34E+00	1.21E+00		2.76E+00	-6.97E-01	-40.23	1.32E+00	-1.70E+00	
	-138.00	1.98E-05	5.75E-06	-9.62E-06	-7.74E-05	-6.09E-05	5.48E-05		5.15E-05	-2.70E-05				
57	712.00	2.63E-01	-2.84E-02	-2.95E-01	-1.05E+00	-5.63E-01	1.05E+00		1.18E+00	-9.47E-01	-41.07	2.63E-01	-1.05E+00	

	-76.00	1.0[illegible]E-05	-3.83E-07	-1.0[illegible]E-05	-5.11E-05	-4.33E-05	8.05E-05	4.61E-05	-3.57E-05				
58	712.00	4.13E-01	4.23E-01	-1.00E-01	-1.41E+00	-5.25E-01	1.19E+00	1.83E+00	-9.92E-01	-45.10	4.13E-01	-1.41E+00	
	-18.00	7.80E-06	9.18E-06	-1.15E-05	-1.09E-04	-4.04E-05	5.13E-05	6.22E-05	-4.62E-05				
59	837.00	5.71E+00	3.20E+00	3.56E+00	-1.68E+00	-3.13E-01	1.36E+00	6.55E+00	2.36E+00	-26.60	3.20E+00	1.08E+00	
	-318.00	9.77E-05	-1.66E-05	.00E+00	-1.53E-04	-7.39E-05	1.23E-04	1.36E-04	-5.45E-05				
60	887.00	8.93E-01	2.01E-01	4.38E-01	-4.48E+00	-3.58E-01	2.87E+00	5.04E+00	-3.95E+00	-42.79	-3.57E+00	1.80E+00	
	-288.00	2.07E-05	-1.08E-05	.00E+00	-4.05E-04	-3.25E-05	2.61E-04	2.09E-04	-1.95E-04				
61	987.00	-9.50E-01	-5.83E-01	-6.13E-01	-4.56E+00	1.06E-01	2.45E+00	3.80E+00	-5.33E+00	-46.15	-9.50E-01	-4.56E+00	
	-288.00	-1.53E-05	1.36E-06	.00E+00	-4.15E-04	9.60E-06	2.23E-04	2.01E-04	-2.15E-04				
62	1037.00	5.65E+00	3.46E+00	3.66E+00	-3.35E+00	-5.61E-01	1.87E+00	8.11E+00	1.04E+00	-35.81	3.46E+00	3.35E+00	
	-318.00	9.23E-05	-9.05E-06	.00E+00	-3.05E-04	-5.10E-05	1.70E-04	2.02E-04	-1.19E-04				
63	962.00	1.09E-01	1.27E-01	-1.93E-01	-2.25E+00	-1.14E-01	1.47E+00	2.37E+00	-2.13E+00	-45.12	1.09E-01	-2.25E+00	
	-213.00	4.40E-06	5.22E-06	-9.34E-06	-2.04E-04	-1.04E-05	1.34E-04	1.07E-04	-9.74E-05				
64	1012.00	-3.52E-01	-1.52E-01	-5.04E-01	-2.43E+00	3.11E-02	1.39E+00	2.18E+00	-2.68E+00	-46.18	-3.52E-01	-2.43E+00	
	-213.00	-2.91E-06	6.20E-06	-9.83E-06	-2.21E-04	2.83E-06	1.27E-04	1.12E-04	-1.05E-04				
65	837.00	-1.45E-01	2.83E-01	-8.52E-01	-1.68E+00	-7.68E-01	1.63E+00	1.76E+00	-1.62E+00	-48.63	2.83E-01	1.68E+00	
	-148.00	4.43E-07	1.02E-05	-1.56E-05	-7.64E-05	-3.49E-05	7.39E-05	4.38E-05	-3.32E-05				
66	937.00	2.14E-01	2.51E-01	-6.58E-01	-2.97E+00	-2.65E-01	1.75E+00	3.20E+00	-2.74E+00	-45.18	-1.80E+00	2.16E+00	
	-128.00	5.88E-06	6.71E-06	-1.39E-05	-1.35E-04	-1.21E-05	7.96E-05	7.36E-05	-6.12E-05				
67	1037.00	2.69E+00	9.21E-01	2.46E-01	-2.86E+00	-8.97E-01	2.19E+00	4.80E+00	-1.19E+00	-36.41	9.21E-01	2.86E+00	
	-148.00	4.09E-05	7.00E-07	-1.46E-05	-1.30E-04	-4.08E-05	9.96E-05	8.89E-05	-4.73E-05				
68	837.00	9.87E-01	1.16E+00	3.70E-01	-3.24E+00	-6.55E-01	1.89E+00	4.31E+00	-2.17E+00	-45.76	9.87E-01	-3.24E+00	
	-68.00	1.03E-05	1.69E-05	-1.34E-05	-2.49E-04	-5.04E-05	1.45E-04	1.38E-04	-1.11E-04				
69	937.00	8.38E-01	-2.69E-01	-4.42E-01	-1.77E+00	-6.24E-01	1.39E+00	2.14E+00	-1.57E+00	-36.30	-2.69E-01	1.77E+00	
	-88.00	3.09E-05	-1.17E-05	-1.84E-05	-1.36E-04	-4.80E-05	1.07E-04	8.07E-05	-6.16E-05				
70	1037.00	2.34E-01	1.50E-01	-4.52E-01	-3.01E+00	2.27E-01	2.86E+00	3.20E+00	-2.82E+00	-44.60	-1.91E+00	2.15E+00	
	-68.00	9.74E-06	6.52E-06	-1.66E-05	-2.32E-04	1.75E-05	2.20E-04	1.24E-04	-1.08E-04				
71	862.00	5.99E-01	5.10E-01	-2.03E-01	-1.39E+00	-5.39E-01	1.11E+00	1.94E+00	-8.33E-01	-44.08	5.99E-01	-1.39E+00	
	-18.00	1.31E-05	9.65E-06	-1.77E-05	-1.07E-04	-4.14E-05	8.53E-05	6.47E-05	-4.20E-05				
72	1012.00	-3.37E-01	-2.72E-01	-9.31E-01	-1.45E+00	1.30E-01	9.35E-01	1.15E+00	-1.76E+00	-45.64	-3.37E-01	-1.45E+00	
	-18.00	3.96E-06	6.48E-06	-1.89E-05	-1.12E-04	9.96E-06	7.19E-05	6.11E-05	-5.07E-05				
73	1387.00	-3.32E-01	-3.52E-01	-3.73E-01	-1.79E+00	-9.15E-04	6.92E-01	1.45E+00	-2.13E+00	-44.84	-3.32E-01	-1.79E+00	
	-303.00	-1.36E-06	-2.26E-06	-3.24E-06	-1.62E-04	-8.32E-08	6.29E-05	7.94E-05	-8.30E-05				
74	1387.00	-8.34E-02	1.73E-02	-3.33E-01	-1.89E+00	-2.01E-02	7.14E-01	1.86E+00	-1.93E+00	-45.76	-8.34E-02	-1.89E+00	
	-213.00	1.39E-06	5.97E-06	-9.95E-06	-1.72E-04	-1.83E-06	6.49E-05	8.97E-05	-8.23E-05				
75	1387.00	-4.92E-02	-1.85E-01	-8.89E-01	-1.39E+00	-5.75E-02	4.42E-01	1.28E+00	-1.51E+00	-43.60	-4.92E-02	-1.39E+00	
	-138.00	4.78E-06	1.68E-06	-1.43E-05	-6.34E-05	-2.62E-06	2.01E-05	3.50E-05	-2.85E-05				
76	1187.00	4.62E-01	3.39E-01	-2.08E-01	-2.08E+00	-3.59E-01	1.46E-01	2.48E+00	-1.68E+00	-44.15	4.62E-01	-2.08E+00	
	-68.00	1.13E-05	6.53E-06	-1.45E-05	-1.60E-04	-2.76E-05	1.12E-05	8.89E-05	-7.11E-05				
77	1387.00	6.49E-01	5.53E-01	-1.75E-01	-1.13E+00	-2.50E-01	6.44E-01	1.73E+00	-5.27E-01	-43.79	5.53E-01	1.13E+00	
	-88.00	1.37E-05	9.99E-06	-1.80E-05	-8.67E-05	-1.92E-05	4.95E-05	5.52E-05	-3.16E-05				
78	1587.00	3.35E-02	3.82E-02	-5.44E-01	-1.34E+00	9.31E-02	1.73E-01	1.37E+00	-1.30E+00	-45.05	-4.76E-01	1.23E+00	
	-68.00	6.48E-06	6.66E-06	-1.57E-05	-1.03E-04	7.16E-06	1.33E-05	5.80E-05	-4.48E-05				
79	1237.00	7.74E-01	3.52E-01	-2.32E-01	-1.16E+00	-3.33E-01	4.78E-01	1.74E+00	-6.15E-01	-39.84	7.74E-01	-1.16E+00	
	-18.00	1.99E-05	3.70E-06	-1.87E-05	-8.91E-05	-2.56E-05	3.67E-05	5.71E-05	-3.35E-05				
80	1433.80	4.70E-01	2.69E-01	-3.73E-01	-1.33E+00	-7.41E-02	3.03E-01	1.70E+00	-9.64E-01	-42.85	4.70E-01	-1.33E+00	
	-8.00	1.40E-05	6.33E-06	-1.84E-05	-1.02E-04	-5.70E-06	2.33E-05	6.15E-05	-4.11E-05				
81	1533.80	7.63E-01	2.03E-01	-2.53E-01	-8.25E-01	-2.90E-02	2.17E-01	1.35E+00	-3.88E-01	-35.62	2.03E-01	8.25E-01	
	-28.00	2.15E-05	-2.59E-08	-1.76E-05	-6.34E-05	-2.23E-06	1.67E-05	4.42E-05	-2.28E-05				
82	1633.80	7.34E-01	2.15E-01	-2.21E-01	-2.71E-01	1.16E-01	-9.26E-03	8.49E-01	9.92E-02	-23.13	1.01E-01	3.31E-02	
	-8.00	2.02E-05	2.73E-07	-1.65E-05	-2.08E-05	8.91E-06	-7.12E-07	2.47E-05	-4.18E-06				
83	1433.80	3.29E+00	1.47E+00	1.17E+00	-9.20E-01	-7.67E-01	2.68E-01	3.67E+00	1.09E+00	-22.70	1.47E+00	9.20E-01	
	27.60	6.12E-05	-8.58E-06	-2.00E-05	-7.07E-05	-5.90E-05	2.06E-05	7.60E-05	-2.34E-05				
84	1296.10	1.15E+00	1.85E-01	-2.22E-01	-9.60E-01	-3.74E-01	4.29E-01	1.74E+00	-4.10E-01	-31.78	7.68E-01	1.07E+00	
	40.70	3.17E-05	-5.02E-06	-2.06E-05	-7.39E-05	-2.68E-05	3.30E-05	5.46E-05	-2.79E-05				
85	1148.60	4.58E-01	-2.40E-01	-6.08E-01	-1.20E+00	-3.97E-01	1.58E-02	1.36E+00	-1.14E+00	-36.87	-9.51E-01	-6.59E-01	
	57.33	2.19E-05	-4.95E-06	-1.91E-05	-9.22E-05	-3.05E-05	1.21E-06	5.65E-05	-3.95E-05				
86	1131.40	4.19E+00	1.96E+00	1.54E+00	-5.34E-01	-1.58E+00	-6.86E-02	4.31E+00	1.84E+00	-12.81	1.96E+00	5.34E-01	
	112.00	7.67E-05	-9.04E-06	-2.54E-05	-4.11E-05	-1.22E-04	-5.28E-06	8.14E-05	-1.37E-05				
87	1019.80	1.27E+00	7.58E-01	2.79E-02	-1.39E+00	-6.99E-01	1.95E+00	2.43E+00	-3.97E-01	-39.77	7.58E-01	1.39E+00	
	34.67	2.63E-05	6.55E-06	-2.15E-05	-1.07E-04	-5.38E-05	1.50E-04	7.07E-05	-3.79E-05				
88	886.60	[illegible].04E-01	3.21E-01	-3.61E-01	-1.10E+00	-3.38E-01	1[illegible]E+00	1.52E+00	-6.96E-01	-42.63	5.04E-01	-1.10E+0[illegible]	
	44.00	[illegible]43E-05	7.25E-06	-1.90E-05	-8.50E-05	-2.60E-05	[illegible]-05	5.34E-05	-3.19E-05				
89	86[illegible]	[illegible]38E+00	9.76E-01	4.75E-01	-6.30E-01	-1.18E+0[illegible]	[illegible]-02	2.62E+00	7.35E-01	-20.92	9.76E-01	6.[illegible]	

	0	[illegible].05E-05	-4.60E-06	-2.39E-05	-4.05E-05	-9.04E-0[illegible]	[illegible]E-04	5.88E-05	-1.39E-05				
90	952.[illegible]	[illegible].70E-01	-1.16E+00	-1.11E+00	-1.60E+00	-4.62E-01	[illegible]E+00	1.38E+00	-2.16E+00	-32.22	-1.70E+00	1.20[illegible]	
	128.00	3.50E-0[illegible]	-2.37E-05	-2.18E-05	-1.23E-04	-3.70E-05	[illegible]2E-05	7.37E-05	-6.24E-05				
91	969.80	6.97E-01	1.77E-01	-3.55E-01	-7.07E-01	-5.59E-01	7.49E-02	1.19E+00	-3.17E-01	-34.91	6.97E-01	-7.07E-01	
	160.00	2.11E-05	1.09E-06	-1.53E-05	-5.44E-05	-4.29E-05	5.76E-06	4.01E-05	-1.79E-05				
92	869.80	3.60E+00	1.19E+00	8.95E-01	-5.06E-01	-2.22E+00	4.59E-01	3.71E+00	1.09E+00	-11.38	1.19E+00	5.06E-01	
	203.60	7.60E-05	-1.67E-05	-2.90E-05	-3.89E-05	-1.71E-04	3.53E-05	7.99E-05	-2.06E-05				
93	598.67	-3.29E-01	1.94E-01	-3.78E-01	-2.16E+00	-1.64E+00	2.50E+00	2.11E+00	-2.25E+00	-48.45	1.94E-01	2.16E+00	
	16.00	-7.03E-06	1.31E-05	-8.99E-06	-1.66E-04	-1.26E-04	1.93E-04	8.69E-05	-8.08E-05				
94	648.75	2.52E-01	3.28E-01	-1.09E-01	-1.40E+00	-6.20E-01	1.13E+00	1.69E+00	-1.11E+00	-45.77	2.52E-01	-1.40E+00	
	24.00	4.51E-06	7.43E-06	-9.35E-06	-1.08E-04	-4.77E-05	8.69E-05	5.99E-05	-4.79E-05				
95	613.10	3.82E-01	8.07E-01	2.81E-01	-2.47E+00	-7.29E-01	-2.43E-01	3.07E+00	-1.88E+00	-47.46	3.82E-01	-2.47E+00	
	69.33	-1.46E-06	1.49E-05	-5.33E-06	-1.90E-04	-5.60E-05	-1.87E-05	1.02E-04	-8.85E-05				
96	708.45	5.35E-01	2.28E-01	-2.19E-01	-1.14E+00	-6.51E-01	7.96E-01	1.53E+00	-7.64E-01	-41.14	9.11E-01	1.02E+00	
	55.00	1.46E-05	2.77E-06	-1.44E-05	-8.73E-05	-5.01E-05	6.12E-05	5.28E-05	-3.54E-05				
97	613.10	1.53E+00	5.39E-01	2.48E-01	-8.35E-01	-2.45E+00	5.40E-01	2.01E+00	6.36E-02	-29.65	5.39E-01	8.35E-01	
	96.00	3.34E-05	-4.75E-06	-1.59E-05	-6.42E-05	-1.68E-04	4.15E-05	5.17E-05	-2.30E-05				
98	682.27	6.67E-01	3.64E-01	-1.08E-01	-1.59E+00	-7.43E-01	6.93E-01	2.11E+00	-1.08E+00	-42.28	-8.12E-01	8.83E-01	
	112.00	1.55E-05	3.87E-06	-1.43E-05	-1.22E-04	-5.71E-05	5.33E-05	7.10E-05	-5.16E-05				
99	751.43	2.35E+00	-8.42E-02	1.98E-01	-1.68E+00	-1.51E+00	2.11E+00	3.21E+00	-9.40E-01	-27.00	-8.42E-02	1.68E+00	
	96.00	6.35E-05	-3.04E-05	-1.96E-05	-1.29E-04	-1.16E-04	1.62E-04	9.64E-05	-6.33E-05				
100	683.25	4.60E-01	1.23E-01	-3.40E-01	-5.74E-01	-5.82E-01	8.03E-01	8.90E-01	-3.07E-01	-36.84	4.60E-01	-5.74E-01	
	152.00	1.50E-05	2.07E-06	-1.57E-05	-4.42E-05	-4.48E-05	6.18E-05	3.16E-05	-1.45E-05				
101	648.67	2.82E+00	1.19E+00	8.10E-01	-3.54E-01	-1.74E+00	3.72E-01	2.90E+00	1.11E+00	-11.66	1.18E+00	3.54E-01	
	192.00	5.57E-05	-7.40E-06	-2.18E-05	-2.72E-05	-1.34E-04	2.86E-05	5.85E-05	-1.02E-05				
102	725.25	4.28E-01	-2.74E-01	-5.53E-01	-5.82E-01	-4.74E-01	6.59E-01	7.57E-01	-6.03E-01	-29.45	8.64E-02	6.80E-01	
	232.70	2.09E-05	-6.15E-06	-1.69E-05	-4.48E-05	-3.64E-05	5.07E-05	3.35E-05	-1.86E+05				
103	635.50	5.26E-01	7.79E-01	6.79E-02	2.36E-02	-3.74E-01	-5.06E-01	7.80E-01	5.23E-01	84.70	5.26E-01	2.36E-02	
	256.00	5.15E-06	1.48E-05	-1.25E-05	1.81E-06	-2.87E-05	-3.89E-05	1.49E-05	5.06E-06				
104	635.50	9.57E-01	6.87E-01	-6.76E-02	5.56E-02	-1.37E+00	6.28E-02	9.68E-01	6.76E-01	11.19	6.87E-01	-5.56E-02	
	290.67	1.95E-05	9.10E-06	-1.99E-05	4.28E-06	-1.05E-04	4.83E-06	1.99E-05	8.68E-06				
105	569.00	-5.68E-01	1.65E-01	-2.72E-01	-2.23E+00	-7.77E-01	2.10E+00	2.05E+00	-2.46E+00	-49.68	-5.68E-01	-2.23E+00	
	16.50	-1.44E-05	1.38E-05	-3.06E-06	-1.71E-04	-5.98E-05	1.62E-04	8.64E-05	-8.71E-05				
106	508.50	-5.66E+00	-3.76E+00	-3.82E+00	-1.80E+00	-1.97E+00	5.80E-01	-2.67E+00	-6.75E+00	-58.93	-3.76E+00	1.80E+00	
	13.00	-7.23E-05	9.94E-07	-1.49E-06	-1.39E-04	-1.52E-04	4.46E-05	4.27E-05	-1.14E-04				
107	521.00	-1.44E+00	-5.20E-01	-6.62E-01	-2.28E+00	-6.51E-01	1.12E+00	1.35E+00	-3.31E+00	-50.72	-1.44E+00	-2.28E+00	
	15.75	-2.67E-05	8.87E-06	3.40E-06	-1.76E-04	-5.01E-05	8.64E-05	8.07E-05	-9.86E-05				
108	526.25	-1.25E+00	-4.37E-01	-6.12E-01	-2.51E+00	-5.54E-01	1.17E+00	1.69E+00	-3.38E+00	-49.63	-1.25E+00	-2.51E+00	
	21.00	-2.29E-05	8.50E-06	1.76E-06	-1.93E-04	-4.26E-05	9.00E-05	9.04E-05	-1.05E-04				
109	515.50	-3.62E+00	-2.41E+00	-2.59E+00	-3.18E+00	-1.44E+00	5.85E-01	2.19E-01	-6.25E+00	-50.42	-2.41E+00	3.18E+00	
	26.00	-4.46E-05	2.13E-06	-4.86E-06	-2.44E-04	-1.11E-04	4.50E-05	1.03E-04	-1.46E-04				
110	531.50	-5.62E-01	-2.30E-01	-3.73E-01	-2.04E+00	-3.93E-01	1.02E+00	1.65E+00	-2.44E+00	-47.33	-5.62E-01	-2.04E+00	
	34.50	-8.83E-06	3.96E-06	-1.53E-06	-1.57E-04	-3.02E-05	7.87E-05	7.62E-05	-8.10E-05				
111	515.50	1.34E+00	2.32E+00	1.52E+00	-6.12E+00	-3.22E-01	-8.06E-01	7.97E+00	-4.31E+00	-47.30	1.34E+00	-6.12E+00	
	44.00	-5.45E-06	3.25E-05	1.41E-06	-4.71E-04	-2.48E-05	-6.20E-05	2.50E-04	-2.23E-04				
112	515.50	3.80E-02	-3.71E-02	-2.31E-01	-1.40E+00	-9.09E-01	4.80E-01	1.40E+00	-1.40E+00	-44.23	-3.71E-02	1.40E+00	
	53.33	3.99E-06	1.10E-06	-6.34E-06	-1.08E-04	-6.99E-05	3.69E-05	5.63E-05	-5.13E-05				
113	547.50	7.46E-01	-1.77E-01	1.06E-02	-2.13E+00	-4.97E-01	2.66E+00	2.46E+00	-1.90E+00	-38.89	-8.43E-01	1.87E+00	
	64.00	2.23E-05	-1.32E-05	-5.97E-06	-1.64E-04	-3.83E-05	2.05E-04	8.84E-05	-7.93E-05				
114	515.50	1.68E+00	2.12E+00	1.39E+00	-2.57E+00	-1.67E-01	2.20E-01	4.48E+00	-6.76E-01	-47.43	1.68E+00	-2.57E+00	
	74.67	7.68E-06	2.45E-05	-3.62E-06	-1.98E-04	-1.29E-05	1.69E-05	1.15E-04	-8.31E-05				
115	515.50	3.09E+00	1.91E+00	1.76E+00	-9.14E-01	-6.72E-01	4.63E-01	3.59E+00	1.42E+00	-28.59	1.91E+00	9.14E-01	
	88.00	4.46E-05	-7.52E-07	-6.65E-06	-7.03E-05	-5.17E-05	3.56E-05	6.38E-05	-1.99E-05				
116	547.50	2.04E+00	3.67E-01	7.34E-01	-2.72E+00	-4.13E-01	1.76E+00	4.04E+00	-1.64E+00	-36.46	-8.13E-01	2.00E+00	
	104.00	4.39E-05	-2.04E-05	-6.26E-06	-2.09E-04	-3.18E-05	1.35E-04	1.21E-04	-9.76E-05				
117	515.50	6.09E-01	8.11E-01	2.99E-01	-2.06E+00	-6.36E-02	6.21E-01	2.77E+00	-1.35E+00	-46.41	6.09E-01	-2.06E+00	
	120.00	4.52E-06	1.23E-05	-7.38E-06	-1.58E-04	-4.89E-06	4.78E-05	8.76E-05	-7.07E-05				
118	515.50	1.91E+00	1.31E+00	8.41E-01	-7.87E-01	-4.41E-01	3.85E-01	2.39E+00	6.30E-01	-31.60	1.11E+00	7.87E-01	
	136.00	3.10E-05	3.62E-07	-1.01E-05	-6.05E-05	-3.39E-05	2.96E-05	4.96E-05	-1.82E-05				
119	547.50	1.78E+00	7.77E-01	6.75E-01	-1.80E+00	-2.57E-01	9.09E-01	3.14E+00	-5.89E-01	-37.22	-1.05E-02	1.35E+00	
	152.00	3.29E-05	-5.61E-06	-9.53E-06	-1.38E-04	-1.98E-05	6.99E-05	8.54E-05	-5.81E-05				
120	515.50	9.62E-01	9.45E-01	3.39E-01	-1.40E+00	-1.02E-01	6.46E-02	2.30E+00	-4.92E-01	-45.65	8.62E-01	-1.40E+00	
	168.00	9.58E-06	1.20E-05	-1.06E-05	-1.07E-04	-7.83E-06	4.97E-06	6.49E-05	-4.25E-05				
121	515.50	2.64E+00	1.55E+00	1.19E+00	-5.93E-01	-6.13E-01	2.82E-01	2.90E+00	1.29E+00	-23.76	1.55E+00	5.93E-01	

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	184.00	4.23E-05	5.38E-07	-1.23E-05	-4.56E-05	-4.72E-05	2.17E-05	5.24E-05	-9.51E-06				
122	547.50	9.97E-01	-4.38E-01	-2.33E-01	-1.92E+00	-2.99E-01	1.42E+00	2.32E+00	-1.77E+00	-34.74	-1.26E+00	1.35E+00	
	200.00	3.47E-05	-2.04E-05	-1.25E-05	-1.47E-04	-2.30E-05	1.09E-04	8.58E-05	-7.15E-05				
123	515.50	-2.76E-01	-3.49E-01	-7.31E-01	-9.57E-01	4.15E-03	5.60E-02	6.45E-01	-1.27E+00	-43.90	-2.76E-01	-9.57E-01	
	216.00	4.30E-06	1.47E-06	-1.32E-05	-7.36E-05	3.19E-07	4.31E-06	3.97E-05	-3.40E-05				
124	515.50	4.93E-01	1.37E-01	-3.06E-01	-1.96E-01	-3.46E-01	1.88E-01	5.80E-01	5.10E-02	-23.85	1.37E-01	1.96E-01	
	232.00	1.54E-05	1.72E-06	-1.54E-05	-1.50E-05	-2.66E-05	1.45E-05	1.87E-05	-1.60E-06				
125	547.50	-2.50E-02	-3.25E-01	-6.67E-01	-4.12E-01	-1.28E-01	1.34E+00	2.63E-01	-6.14E-01	-34.95	-5.03E-01	2.92E-01	
	248.00	1.02E-05	-1.37E-06	-1.45E-05	-3.17E-05	-9.83E-06	1.03E-04	2.13E-05	-1.24E-05				
126	515.50	-8.32E-01	-1.06E+00	-1.25E+00	1.51E-01	1.61E-01	3.23E-01	-7.58E-01	-1.14E+00	26.31	-8.32E-01	1.51E-01	
	264.00	2.59E-06	-6.29E-06	-1.36E-05	1.16E-05	1.24E-05	2.48E-05	5.46E-06	-9.16E-06				
127	515.50	-8.30E-02	-1.93E-01	-5.77E-01	3.24E-03	1.67E-01	1.20E-01	-8.30E-02	-1.93E-01	1.69	-1.93E-01	-3.24E-03	
	276.00	6.17E-06	1.96E-06	-1.28E-05	2.49E-07	8.19E-06	9.25E-06	6.18E-06	1.96E-06				
128	531.50	-6.94E-01	-3.91E-01	-8.80E-01	-1.08E-02	1.39E-01	8.06E-02	-3.91E-01	-6.95E-01	-87.96	-6.94E-01	-1.08E-02	
	297.00	-5.12E-06	6.56E-06	-1.22E-05	-8.32E-07	1.07E-05	6.20E-06	6.57E-06	-5.13E-06				
129	515.50	-1.81E+00	-1.06E+00	-1.56E+00	4.42E-01	1.26E-01	7.40E-02	-8.52E-01	-2.01E+00	65.15	-1.81E+00	4.42E-01	
	320.00	-2.08E-05	6.00E-06	-1.15E-05	3.40E-05	1.05E-05	5.69E-06	1.59E-05	-2.87E-05				
183	565.50	-2.05E-01	4.59E-01	1.04E-01	-3.38E+00	-1.02E+00	2.52E+00	3.53E+00	-3.27E+00	-47.80	-2.05E-01	-3.38E+00	
	-8.00	-1.18E-05	1.37E-05	8.20E-08	-2.60E-04	-7.81E-05	1.94E-04	1.32E-04	-1.30E-04				

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 AT TIME = .9800E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	.5238E+02	.3242E+03	.9300E+02	-.2805E+02	-.4777E+02	.3647E+02
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	-.4360E+01	-.1656E+01	-.4647E+00	-.3260E+02	.1368E+02	.2333E+02
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	.3165E+01	.4674E+00	-.1367E+00	-.5542E+02	.2883E+02	.4394E+02
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	-.4610E+01	-.1090E+01	.7845E-01	-.7837E+02	.4674E+02	.6457E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	.5131E+01	.7359E+00	.3287E-01	-.1010E+03	.6426E+02	.8752E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.8129E+00	.5826E+00	-.2404E+00	-.1340E+03	.8301E+02	.1163E+03
25	-.1282E+02	-.2070E+01	.7984E-02	-.1654E+03	.9168E+02	.1451E+03
26	-.2203E+01	-.7917E+00	.1608E+00	-.1900E+03	.9752E+02	.1662E+03
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	.7645E+02	.1412E+02	-.2132E+01	-.1860E+03	.1391E+03	.1836E+03
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	.0000	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.0000E+00	[illegible]	.0000E+00	.0000E+00

	-.1031E+04	-.1061E+03	.1323E+02	-.2[illegible]	.3900E+03	.2943E+03
	-.2980E+03	-.1336E+03	.4224E+01	-.248[illegible]3	.3840E+03	.2688E+03
41	-.6080E+03	-.8901E+02	-.6291E+01	-.2166E+03	.3476E+03	.2318E+03
42	-.1654E+03	-.1709E+02	-.9833E+01	-.1931E+03	.2442E+03	.2016E+03
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	.1929E+04	.2492E+03	.1007E+02	-.5205E+02	.4202E+03	-.1728E+03
48	.1601E+04	.2149E+03	.1142E+02	-.7260E+02	.3910E+03	-.1216E+03
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	.2269E+04	.3438E+03	.1110E+02	.9136E+02	.2958E+03	-.4719E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	-.7422E+01	-.3957E+01	.6239E+00	-.3086E+02	.4118E+03	-.1645E+03
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
61	.1551E+04	.2346E+03	.1094E+02	.5443E+02	.2332E+03	-.4394E+03
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
65	.1083E+04	.1641E+03	.1453E+02	.5383E+02	.2113E+03	-.4261E+03
66	.3517E+03	.5400E+02	.1815E+02	.6242E+02	.1560E+03	-.4446E+03
67	-.7642E+03	-.1139E+03	.1810E+02	.6092E+02	.9671E+02	-.4429E+03
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
75	-.1358E+04	-.2033E+03	.1492E+02	-.2193E+01	.3812E+02	-.4597E+03
76	.1511E+03	.2239E+02	.1004E+02	-.1946E+02	-.3088E+02	-.4701E+03
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
85	-.5700E+03	-.8651E+02	.7266E+01	-.3282E+02	-.1088E+03	-.4520E+03
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
89	.2442E+03	.3523E+02	.5020E+01	-.5435E+02	-.1534E+03	-.4452E+03
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
102	-.3328E+03	-.5196E+02	.4493E+01	-.4237E+02	-.2180E+03	-.4084E+03

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37704

103	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
105	.2263E+03	.3153E+02	.3743E+01	-.3246E+02	-.2537E+03	-.3709E+03
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
108	-.2581E+03	-.4165E+02	.3761E+01	-.3675E+02	-.3065E+03	-.3350E+03
109	.1563E+03	.2021E+02	.3150E+01	-.3947E+02	-.3406E+03	-.2885E+03
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
112	-.2154E+03	-.3599E+02	.2971E+01	-.1529E+02	-.3815E+03	-.2441E+03
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
114	-.9212E+02	-.1764E+02	.1951E+00	-.2348E+01	-.3948E+03	-.1964E+03
115	-.8550E+02	-.1230E+02	-.8879E+00	.1070E+02	-.3952E+03	-.1468E+03
116	-.1055E+03	-.2019E+02	-.2315E+01	.1616E+02	-.4052E+03	-.1199E+03
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
118	-.1193E+03	-.2245E+02	-.3508E+01	.5717E+01	-.4112E+03	-.9827E+02
119	-.1001E+03	-.1915E+02	-.5036E+01	.2887E+02	-.3707E+03	-.6538E+02
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
121	-.2117E+03	-.2569E+02	-.1267E+02	.1817E+02	-.3081E+03	-.4072E+02
122	-.1766E+03	-.9448E+01	-.1925E+02	-.1007E+02	-.2949E+03	-.3282E+02
123	-.1319E+03	-.5594E+01	-.1699E+02	-.6809E+01	-.2563E+03	-.2917E+02
124	-.9414E+02	-.3820E+01	-.1173E+02	-.4575E+01	-.2100E+03	-.2623E+02
125	-.5949E+02	-.1178E+01	-.8597E+01	-.2730E+01	-.1724E+03	-.2344E+02
126	-.1416E+02	.5693E+01	-.7972E+01	-.3560E+00	-.1432E+03	-.2045E+02
127	.1866E+02	.1109E+02	-.8058E+01	.1219E+01	-.1204E+03	-.1673E+02
128	.5125E+02	.1524E+02	-.7442E+01	.4956E+01	-.7477E+02	-.1260E+02
129	.5030E+02	.1294E+02	-.5964E+01	.6572E+01	-.3891E+02	-.9135E+01
130	.3408E+02	.7752E+01	-.4050E+01	.6758E+01	-.1349E+02	-.6971E+01
131	.8595E+01	.1340E+01	-.2440E+01	.5753E+01	-.1235E+01	-.5877E+01
132	-.1049E+01	-.6426E+00	-.1746E+01	.3788E+01	-.3548E+01	-.5277E+01
133	-.1796E+01	-.5338E+00	-.1649E+01	.2603E+01	-.5960E+01	-.4561E+01
134	-.4806E+00	-.1397E+00	-.1682E+01	.1983E+01	-.5415E+01	-.3619E+01
135	.2485E-01	.4230E-02	-.1897E+01	.1510E+01	-.3810E+01	-.2663E+01
136	.9409E-02	-.5373E-02	-.2531E+01	.1047E+01	-.2438E+01	-.1769E+01
137	.7096E-01	.2469E-01	-.4068E+01	.6810E+00	-.1082E+01	-.9616E+00
138	-.4836E-01	-.1090E+00	-.7646E+02	.3862E+00	.2666E+00	-.4646E+00
139	-.7711E-01	-.1249E+00	.4873E+02	.6835E-01	-.1402E+00	.1294E+00

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME .9900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	.00000E+00	.00000E+00	.00000E+00	.00000E+00
2	.56699E-02	.19770E-04	-.55934E-02	.00000E+00
3	.10148E-01	.78345E-04	-.10158E-01	.00000E+00
4	.10957E-01	.79236E-04	-.10984E-01	.00000E+00
5	.11772E-01	.12287E-04	-.11775E-01	.00000E+00
6	.13049E-01	-.37452E-05	-.13049E-01	.90407E-06
7	.12135E-01	.13095E-03	-.12216E-01	.00000E+00
8	.13072E-01	.81423E-04	-.13081E-01	-.11344E-06
9	.00000E+00	.00000E+00	.00000E+00	.00000E+00
10	.55302E-02	.53370E-04	-.55155E-02	.00000E+00
11	.10139E-01	.90402E-04	-.10143E-01	.00000E+00
12	.11264E-01	.85380E-04	-.11266E-01	.00000E+00
13	.12115E-01	.51552E-04	-.12058E-01	.00000E+00
14	.13136E-01	.44242E-04	-.13166E-01	.47297E-06
15	.12260E-01	.16366E-03	-.12357E-01	.00000E+00
16	.13232E-01	.80137E-04	-.13309E-01	-.11245E-05
17	.00000E+00	.00000E+00	.00000E+00	.00000E+00
18	.55587E-02	.75544E-04	-.55151E-02	.00000E+00
19	.10277E-01	.96907E-04	-.10250E-01	.00000E+00
20	.11457E-01	.10130E-03	-.11438E-01	.00000E+00
21	.12355E-01	.26381E-04	-.12268E-01	[illegible]00E+00
[illegible]	.13367E-01	-.28293E-04	-.13515E-01	[illegible]81E-06

[illegible]	.12632E-01	.24576E-03	-.12794E-01	[illegible]00E+00
[illegible]	.13534E-01	.15388E-03	-.11795E-01	[illegible]81E-05
25	.13557E-01	.21915E-03	-.13995E-01	-.[illegible]744E-06
26	.13726E-01	.19250E-03	-.14121E-01	-.15599E-05
27	.00000E+00	.00000E+00	.00000E+00	.00000E+00
28	.55415E-02	.14719E-03	-.53074E-02	.00000E+00
29	.10447E-01	.20291E-03	-.10060E-01	.00000E+00
30	.11637E-01	.19315E-03	-.11477E-01	.00000E+00
31	.12679E-01	.23232E-03	-.12671E-01	.00000E+00
32	.13902E-01	.23994E-03	-.14264E-01	.97926E-05
33	.12643E-01	.29560E-03	-.12515E-01	.00000E+00
34	.00000E+00	.00000E+00	.00000E+00	.00000E+00
35	.55001E-02	.23477E-03	-.51751E-02	.00000E+00
36	.10504E-01	.25428E-03	-.97827E-02	.00000E+00
37	.11742E-01	.25371E-03	-.11205E-01	.00000E+00
38	.12988E-01	.27554E-03	-.12890E-01	.00000E+00
39	.13927E-01	.35191E-03	-.14492E-01	-.87037E-05
40	.13905E-01	.41116E-03	-.14438E-01	-.23554E-05
41	.13895E-01	.40951E-03	-.14390E-01	.24179E-05
42	.13853E-01	.34898E-03	-.14337E-01	.72895E-05
43	.11598E-01	.41088E-03	-.10028E-01	.00000E+00
44	.00000E+00	.00000E+00	.00000E+00	.00000E+00
45	.50663E-02	-.25038E-04	-.40675E-02	.00000E+00
46	.10435E-01	.26170E-03	-.83688E-02	.00000E+00
47	.13937E-01	.28645E-03	-.14503E-01	-.67092E-05
48	.13934E-01	.31730E-03	-.14510E-01	-.11116E-04
49	.12972E-01	.30381E-03	-.12728E-01	.00000E+00
50	.14070E-01	.31168E-03	-.14562E-01	-.32511E-04
51	.13140E-01	.40048E-03	-.11782E-01	.00000E+00
52	.14650E-01	.29133E-03	-.12976E-01	.00000E+00
53	.13941E-01	.25781E-03	-.14478E-01	-.23812E-06
54	.11565E-01	.24528E-03	-.87321E-02	.00000E+00
55	.12937E-01	.32559E-03	-.94358E-02	.00000E+00
56	.00000E+00	.00000E+00	.00000E+00	.00000E+00
57	.42618E-02	.46283E-03	-.20662E-02	.00000E+00
58	.90668E-02	.20560E-03	-.36482E-02	.00000E+00
59	.14909E-01	.12201E-03	-.11255E-01	.00000E+00
60	.14724E-01	.24469E-03	-.12288E-01	.00000E+00
61	.14195E-01	.31005E-03	-.14593E-01	-.50128E-04
62	.10674E-01	.53384E-04	-.44340E-02	.00000E+00
63	.12344E-01	-.29745E-04	-.63783E-02	.00000E+00
64	.14943E-01	.26044E-03	-.13167E-01	.00000E+00
65	.14365E-01	.30958E-03	-.14622E-01	-.62280E-04
66	.14785E-01	.30442E-03	-.14680E-01	-.75493E-04
67	.15237E-01	.29985E-03	-.14744E-01	-.71760E-04
68	.00000E+00	.00000E+00	.00000E+00	.00000E+00
69	.32711E-02	-.45944E-04	-.54807E-03	.00000E+00
70	.93736E-02	-.82497E-04	-.18534E-02	.00000E+00
71	.14346E-01	-.22333E-03	-.68442E-02	.00000E+00
72	.15346E-01	.20317E-03	-.13012E-01	.00000E+00
73	.11458E-01	-.14443E-03	-.71181E-03	.00000E+00
74	.16267E-01	.13941E-03	-.13729E-01	.00000E+00
75	.15621E-01	.29329E-03	-.14799E-01	-.54406E-04
76	.16134E-01	.29306E-03	-.14948E-01	-.37998E-04
77	.13288E-01	-.43584E-03	-.25008E-02	.00000E+00
78	.00000E+00	.00000E+00	.00000E+00	.00000E+00
79	.38494E-02	.16369E-03	.21497E-05	.00000E+00
80	.87601E-02	-.20719E-03	.66433E-04	.00000E+00
81	.95891E-02	-.32011E-03	.49767E-03	.00000E+00
82	.10932E-01	-.48922E-03	-.11032E-02	.00000E+00
83	.15257E-01	-.54192E-03	-.74762E-02	.00000E+00
84	.14568E-01	-.74374E-03	-.25094E-02	.00000E+00
85	.16716E-01	.28066E-03	-.15096E-01	-.30343E-04
86	.16870E-01	.14908E-03	-.14494E-01	.00000E+00

87	.13089E-01	-.62097E-03	-.46738E-02	.00000E+00
88	.15798E-01	-.11743E-03	-.10992E-01	.00000E+00
89	.17113E-01	.29521E-03	-.15277E-01	-.24130E-04
90	.90117E-02	-.19450E-03	.67645E-02	.00000E+00
91	.98131E-02	-.39301E-03	.63254E-02	.00000E+00
92	.10613E-01	-.36917E-03	.62974E-02	.00000E+00
93	.00000E+00	.00000E+00	.00000E+00	.00000E+00
94	.35982E-02	.00000E+00	.37062E-02	.00000E+00
95	.68125E-02	.00000E+00	.66150E-02	.00000E+00
96	.79587E-02	.00000E+00	.70926E-02	.00000E+00
97	.82049E-02	.00000E+00	.78703E-02	.00000E+00
98	.78903E-02	.00000E+00	.80324E-02	.00000E+00
99	.90326E-02	-.11535E-03	.79306E-02	.00000E+00
100	.12150E-01	-.48231E-03	.40477E-02	.00000E+00
101	.15539E-01	-.59672E-03	-.17487E-02	.00000E+00
102	.17730E-01	.29349E-03	-.15506E-01	-.21810E-04
103	.16630E-01	-.53323E-03	-.68565E-02	.00000E+00
104	.18054E-01	.21266E-03	-.15047E-01	.00000E+00
105	.18153E-01	.28250E-03	-.15726E-01	-.18550E-04
106	.17508E-01	-.59354E-03	-.91927E-02	.00000E+00
107	.18709E-01	.15261E-03	-.14952E-01	.00000E+00
108	.18639E-01	.26331E-03	-.15907E-01	-.17624E-04
109	.18986E-01	.25609E-03	-.16091E-01	-.15000E-04
110	.18505E-01	-.29103E-03	-.10102E-01	.00000E+00
111	.19428E-01	.23365E-03	-.15176E-01	.00000E+00
112	.19368E-01	.23203E-03	-.16216E-01	-.13400E-04
113	.19250E-01	-.35020E-03	-.12101E-01	.00000E+00
114	.19572E-01	.21144E-03	-.16362E-01	-.45380E-05
115	.19619E-01	.18664E-03	-.16442E-01	.26138E-06
116	.19554E-01	.14924E-03	-.16534E-01	.58389E-05
117	.19508E-01	.31236E-03	-.16005E-01	.00000E+00
118	.19459E-01	.13732E-03	-.16564E-01	.99507E-05
119	.19202E-01	.11359E-03	-.16598E-01	.15819E-04
120	.19787E-01	.88005E-05	-.16120E-01	.00000E+00
121	.16724E-01	.85246E-04	-.16641E-01	.24801E-04
122	.18673E-01	-.11684E-03	-.16680E-01	.28691E-04
123	.18600E-01	-.29368E-03	-.16712E-01	.31712E-04
124	.18519E-01	-.50178E-03	-.16744E-01	.35086E-04
125	.18414E-01	-.72596E-03	-.16776E-01	.38908E-04
126	.18217E-01	-.11406E-02	-.16830E-01	.42733E-04
127	.18011E-01	-.15703E-02	-.16882E-01	.42205E-04
128	.17635E-01	-.24102E-02	-.16989E-01	.32538E-04
129	.17394E-01	-.29861E-02	-.17087E-01	.19605E-04
130	.17275E-01	-.32970E-02	-.17194E-01	.50745E-05
131	.17339E-01	-.31351E-02	-.17355E-01	-.94755E-05
132	.17507E-01	-.25943E-02	-.17496E-01	-.13016E-04
133	.17653E-01	-.20509E-02	-.17619E-01	-.10988E-04
134	.17748E-01	-.16107E-02	-.17718E-01	-.90538E-05
135	.17814E-01	-.12342E-02	-.17797E-01	-.84740E-05
136	.17863E-01	-.84321E-03	-.17855E-01	-.85824E-05
137	.17891E-01	-.46730E-03	-.17889E-01	-.86079E-05
138	.17910E-01	-.69978E-04	-.17910E-01	-.88041E-05
139	.17910E-01	-.86973E-05	-.17910E-01	-.86993E-05

EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC E .01 FOR DT)

STRESSES FOR FOURIER TERM, NUMBER 1 AT TIME = .9900E+01

ELM	R-ORD Z-ORD	R-STRESS R-STRAIN	Z-STRESS Z-STRAIN	T-STRESS T-STRAIN	RZ-STRESS RZ-STRAIN	RT-STRESS RT-STRAIN	ZT-STRESS ZT-STRAIN	MAX-STRESS MAX-STRAIN	MIN-STRESS MIN-STRAIN	ANGLE IN RZ-PLANE	JK-STRESS	JK-SHEAR
1	72.00	1.91E-04	1.94E-02	1.75E-02	6.86E-01	-5.14E-04	-6.[illegible]3E-01	6.05E-01	-6.76E-01	45.41	-1.91E-04	6.86E-0[illegible]
	-303.00	[illegible]85E-07	4.06E-07	3.17E-07	6.23E-05	-4.67E-08	-[illegible]-05	3.11E-05	-3.12E-05			
2	72	[illegible]44E-03	2.46E-02	1.87E-02	5.[illegible]7E-01	5.63E-04	[illegible]-01	5.70E-01	-5.44E-01	45.60	1.44E-03	5.[illegible]

	-213.[illegible]	[illegible]4E-07	5.37E-07	2.70E-07	5.06E-05	5.12E-08	[illegible]-05	2.53E-05	-2.53E-05				
3	72.00	[illegible]34E-02	2.60E-02	2.15E-02	3.56E-01	-1.73E-02	[illegible]-01	4.07E-01	-3.07E-01	43.10	7.34E-02	3.56E-[illegible]	
	-138.00	1.03E-06	-4.28E-08	-1.45E-07	1.62E-05	-7.86E-07	-1.[illegible]E-05	8.60E-06	-7.61E-06				
4	24.00	2.66E-01	9.93E-02	1.07E-01	6.30E-01	-6.54E-02	-6.53E-01	8.16E-01	-4.52E-01	41.22	2.66E-01	6.30E-01	
	-68.00	5.05E-06	-1.37E-06	-1.09E-06	4.84E-05	-5.03E-06	-5.02E-05	2.63E-05	-2.26E-05				
5	72.00	-8.20E-02	-5.87E-03	-3.63E-02	2.80E-01	3.50E-02	-3.24E-01	2.39E-01	-3.27E-01	48.87	-5.87E-03	-2.80E-01	
	-88.00	-1.79E-06	1.14E-06	-3.21E-08	2.14E-05	2.69E-06	-2.49E-05	1.05E-05	-1.12E-05				
6	120.00	-4.23E-02	-4.45E-02	-3.54E-02	5.43E-01	2.68E-02	-5.58E-01	5.00E-01	-5.87E-01	44.94	4.91E-01	-9.90E-02	
	-68.00	-2.84E-07	-3.68E-07	-1.92E-08	4.18E-05	2.21E-06	-4.29E-05	2.06E-05	-2.12E-05				
7	36.25	1.47E-01	6.21E-02	6.06E-02	2.66E-01	-3.45E-02	-2.59E-01	3.74E-01	-1.65E-01	40.46	1.38E-01	2.68E-01	
	-10.00	2.70E-06	-5.77E-07	-6.37E-07	2.05E-05	-2.66E-06	-1.99E-05	1.14E-05	-9.31E-06				
8	108.00	-9.15E-03	-2.98E-02	-2.07E-02	2.09E-01	8.45E-03	-2.30E-01	1.90E-01	-2.29E-01	43.59	-9.15E-03	2.09E-01	
	-10.00	3.03E-07	-4.90E-07	-1.41E-07	1.61E-05	6.50E-07	-1.77E-05	7.95E-06	-8.14E-06				
9	216.00	4.10E-02	5.46E-02	4.03E-02	6.79E-01	-7.24E-04	-6.76E-01	7.26E-01	-6.31E-01	45.29	4.10E-02	6.79E-01	
	-303.00	9.87E-08	7.16E-07	6.75E-08	6.17E-05	-6.58E-08	-6.14E-05	3.12E-05	-3.04E-05				
10	216.00	5.67E-02	5.12E-02	4.61E-02	5.71E-01	-5.11E-03	-5.76E-01	6.25E-01	-5.17E-01	44.86	5.67E-02	5.71E-01	
	-213.00	5.79E-07	3.27E-07	9.45E-08	5.19E-05	-4.65E-07	-5.24E-05	2.64E-05	-2.55E-05				
11	216.00	8.96E-02	3.82E-02	4.10E-02	4.24E-01	-2.23E-02	-4.33E-01	4.89E-01	-3.61E-01	43.27	8.96E-02	4.24E-01	
	-138.00	1.15E-06	-1.69E-08	4.67E-09	1.93E-05	-1.01E-06	-1.97E-05	1.02E-05	-9.09E-06				
12	168.00	1.66E-01	1.18E-01	1.13E-01	6.05E-01	-5.40E-02	-5.86E-01	7.47E-01	-4.63E-01	43.87	1.66E-01	6.05E-01	
	-68.00	2.01E-06	1.77E-07	-1.37E-08	4.65E-05	-4.15E-06	-4.51E-05	2.44E-05	-2.22E-05				
13	216.00	-1.38E-01	-2.21E-02	-6.09E-02	2.58E-01	5.09E-02	-3.05E-01	1.84E-01	-3.45E-01	51.36	-2.21E-02	-2.58E-01	
	-88.00	-2.89E-06	1.58E-06	8.96E-08	1.98E-05	3.91E-06	-2.34E-05	9.51E-06	-1.06E-05				
14	264.00	3.45E-02	-3.58E-02	2.15E-03	5.38E-01	1.16E-02	-5.72E-01	5.39E-01	-5.40E-01	43.13	5.22E-01	-1.32E-01	
	-68.00	1.32E-06	-1.39E-06	7.33E-08	4.14E-05	8.93E-07	-4.40E-05	2.07E-05	-2.08E-05				
15	180.00	7.91E-02	1.53E-02	3.04E-02	2.37E-01	-3.74E-02	-2.37E-01	2.86E-01	-1.92E-01	41.16	7.91E-02	2.37E-01	
	-10.00	1.67E-06	-7.83E-07	-2.03E-07	1.82E-05	-2.87E-06	-1.82E-05	9.63E-06	-8.74E-06				
16	252.00	4.94E-02	-2.33E-02	1.22E-03	2.00E-01	-9.03E-03	-2.47E-01	2.17E-01	-1.91E-01	39.86	4.94E-02	2.00E-01	
	-10.00	1.60E-06	-1.20E-06	-2.53E-07	1.54E-05	-6.95E-07	-1.90E-05	8.03E-06	-7.63E-06				
17	361.00	5.91E-02	8.76E-02	6.46E-02	6.81E-01	5.70E-03	-6.63E-01	7.55E-01	-6.06E-01	45.60	5.91E-02	6.81E-01	
	-303.00	-5.74E-08	1.24E-06	1.93E-07	6.19E-05	5.19E-07	-6.03E-05	3.16E-05	-3.04E-05				
18	361.00	7.44E-02	7.23E-02	7.35E-02	5.95E-01	9.73E-03	-5.84E-01	6.68E-01	-5.21E-01	44.95	7.44E-02	5.95E-01	
	-213.00	5.22E-07	4.28E-07	4.79E-07	5.41E-05	8.84E-07	-5.31E-05	2.75E-05	-2.66E-05				
19	361.00	1.04E-01	4.88E-02	6.93E-02	4.49E-01	2.37E-03	-4.87E-01	5.27E-01	-3.74E-01	43.25	1.04E-01	4.49E-01	
	-138.00	1.19E-06	-5.31E-08	4.11E-07	2.04E-05	1.08E-07	-2.21E-05	1.08E-05	-9.66E-06				
20	312.00	3.02E-01	2.02E-01	2.04E-01	6.83E-01	-9.23E-02	-6.66E-01	9.37E-01	-4.33E-01	42.89	3.02E-01	6.83E-01	
	-68.00	3.85E-06	-1.95E-08	6.20E-08	5.25E-05	-7.10E-06	-5.13E-05	2.83E-05	-2.44E-05				
21	360.67	-2.48E-01	-1.00E-01	-1.23E-01	3.34E-01	1.05E-01	-4.33E-01	1.68E-01	-5.17E-01	51.24	-1.00E-01	-3.34E-01	
	-88.00	-4.36E-06	1.33E-06	4.42E-07	2.57E-05	8.04E-06	-3.33E-05	1.17E-05	-1.47E-05				
22	409.33	1.83E-01	2.23E-01	1.77E-01	6.65E-01	1.66E-02	-8.09E-01	8.69E-01	-4.62E-01	45.87	8.58E-01	-1.18E-01	
	-68.00	6.34E-07	2.18E-06	3.89E-07	5.12E-05	1.28E-06	-6.22E-05	2.70E-05	-2.42E-05				
23	324.00	1.54E-01	4.12E-02	6.41E-02	2.51E-01	-6.60E-02	-2.54E-01	3.55E-01	-1.59E-01	38.64	1.54E-01	2.51E-01	
	-10.00	3.08E-06	-1.27E-06	-3.89E-07	1.93E-05	-5.08E-06	-1.95E-05	1.08E-05	-8.98E-06				
24	372.00	5.36E-02	-1.29E-01	-4.61E-02	6.58E-01	-6.65E-02	-7.26E-01	6.26E-01	-7.02E-01	41.05	5.36E-02	6.58E-01	
	-9.33	3.40E-06	-3.63E-06	-4.36E-07	5.06E-05	-5.12E-06	-5.59E-05	2.54E-05	-2.57E-05				
25	401.25	7.79E-02	2.14E-02	1.96E-02	2.21E-01	-8.92E-03	-3.02E-01	2.72E-01	-1.73E-01	41.36	-1.36E-01	1.23E-01	
	-10.00	1.68E-06	-4.83E-07	-5.53E-07	1.70E-05	-6.86E-07	-2.32E-05	9.17E-06	-7.96E-06				
26	427.67	2.89E-01	1.73E-01	1.86E-01	7.70E-01	-9.82E-02	-1.05E+00	1.00E+00	-5.41E-01	42.85	7.33E-01	5.86E-01	
	-9.33	4.00E-06	-4.58E-07	1.90E-08	5.92E-05	-7.55E-06	-8.05E-05	3.15E-05	-2.76E-05				
27	457.00	7.68E-02	1.34E-01	9.36E-02	6.85E-01	1.25E-02	-6.43E-01	7.91E-01	-5.61E-01	46.18	7.68E-02	6.85E-01	
	-303.00	-4.55E-07	2.12E-06	3.06E-07	6.23E-05	1.13E-06	-5.84E-05	3.20E-05	-3.03E-05				
28	457.00	7.10E-02	7.60E-02	8.69E-02	6.22E-01	3.89E-02	-5.77E-01	6.96E-01	-5.49E-01	45.12	7.10E-02	6.22E-01	
	-213.00	1.87E-07	4.18E-07	9.13E-07	5.66E-05	3.54E-06	-5.25E-05	2.86E-05	-2.80E-05				
29	457.00	1.68E-01	8.51E-02	1.32E-01	4.72E-01	1.09E-01	-5.32E-01	6.00E-01	-3.47E-01	42.50	1.68E-01	4.72E-01	
	-138.00	1.79E-06	-8.61E-08	9.88E-07	2.14E-05	4.98E-06	-2.42E-05	1.16E-05	-9.91E-06				
30	442.00	1.46E-01	3.07E-01	1.94E-01	7.59E-01	7.95E-02	-7.48E-01	9.89E-01	-5.37E-01	48.03	1.46E-01	7.59E-01	
	-68.00	-1.50E-06	4.70E-06	3.61E-07	5.84E-05	6.12E-06	-5.75E-05	3.09E-05	-2.77E-05				
31	457.33	-9.21E-01	-4.39E-01	-5.01E-01	2.90E-01	5.09E-01	-4.42E-01	-3.03E-01	-1.06E+00	64.89	-4.39E-01	-2.90E-01	
	-88.00	-1.50E-05	3.58E-06	1.17E-06	2.23E-05	3.91E-05	-3.40E-05	8.80E-06	-2.02E-05				
32	472.67	1.45E+00	1.12E+00	1.07E+00	6.64E-01	-2.36E-01	-1.02E+00	1.97E+00	5.95E-01	38.10	1.84E+00	4.01E-01	
	-68.00	1.57E-05	3.14E-06	1.14E-06	5.11E-05	-1.82E-05	-7.85E-05	3.57E-05	-1.65E-05				
33	443.00	1.85E-01	1.36E-01	1.11E-01	3.71E-01	-5.54E-03	-4.00E-01	5.32E-01	-2.12E-01	43.11	1.85E-01	3.71E-01	
	-10.50	2.36E-06	4.71E-07	-4.57E-07	2.86E-05	-4.26E-07	-3.08E-05	1.57E-05	-1.29E-05				
34	454.00	1.09E+00	7.14E-01	7.32E-01	9.54E-01	-2.85E-01	-1.38E+00	1.87E+00	-7.03E-02	39.43	1.46E+00	7.93E-01	

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	-11.33	1.41E-05	-4.04E-07	2.81E-07	7.34E-05	-2.19E-05	-1.04E-04	4.42E-05	-3.06E-05				
35	461.67	1.99E-01	1.70E-01	1.5[illegible]E-01	9.04E-01	-6.01E-02	-1.38E+00	1.09E+00	-7.19E-01	44.54	1.99E-01	9.04E-01	
	-12.00	1.47E-06	7.44E-07	2.76E-07	6.95E-05	-4.63E-06	-1.06E-04	3.61E-05	-3.35E-05				
36	469.00	-5.09E-01	-2.34E-01	-3.26E-01	1.10E-01	4.69E-01	-5.67E-01	-2.02E-01	-6.30E-01	74.50	-2.34E-01	-1.10E-01	
	-30.00	-1.03E-05	3.74E-06	2.09E-07	8.44E-06	3.61E-05	-4.36E-05	4.91E-06	-1.15E-05				
37	476.33	4.40E-01	5.26E-01	3.94E-01	6.03E-01	-6.63E-02	-1.15E+00	1.09E+00	-1.21E-01	47.04	6.80E-01	5.72E-01	
	-12.00	1.08E-04	5.23E-06	2.06E-07	4.64E-05	-5.10E-06	-8.86E-05	2.69E-05	-1.96E-05				
38	558.50	-1.38E-02	4.22E-02	2.96E-02	6.37E-01	3.23E-02	-5.66E-01	6.51E-01	-6.23E-01	46.26	-1.38E-02	6.37E-01	
	-303.00	-1.38E-06	1.17E-06	5.93E-07	5.79E-05	2.93E-06	-5.14E-05	2.89E-05	-2.91E-05				
39	558.50	4.98E-02	1.23E-01	1.26E-01	6.25E-01	6.81E-02	-5.48E-01	7.12E-01	-5.46E-01	46.67	4.98E-02	6.25E-01	
	-213.00	-1.61E-06	1.70E-06	1.84E-06	5.69E-05	6.19E-06	-4.98E-05	2.85E-05	-2.84E-05				
40	506.17	-9.45E-03	1.66E-01	1.35E-01	1.35E+00	2.98E-01	-1.14E+00	1.44E+00	-1.27E+00	47.07	-9.45E-03	1.35E+00	
	-128.00	-1.85E-06	2.59E-06	1.43E-06	6.14E-05	1.36E-05	-5.20E-05	3.12E-05	-3.04E-05				
41	558.50	-3.95E-01	1.35E-01	1.34E-01	6.21E-01	5.47E-01	-9.23E-01	5.45E-01	-8.05E-01	56.56	1.35E-01	-6.21E-01	
	-148.00	-8.31E-06	3.73E-06	3.70E-06	2.82E-05	2.49E-05	-4.20E-05	1.30E-05	-1.76E-05				
42	610.83	1.45E-01	2.50E-01	3.12E-01	1.21E+00	2.89E-01	-8.84E-01	1.41E+00	-1.01E+00	46.25	1.38E+00	-2.67E-01	
	-128.00	-4.17E-07	1.97E-06	3.38E-06	5.49E-05	1.31E-05	-4.02E-05	2.83E-05	-2.67E-05				
43	501.38	-4.78E-02	2.48E-02	3.52E-02	3.02E-01	2.10E-01	-3.48E-01	2.92E-01	-3.15E-01	48.43	-4.78E-02	3.02E-01	
	-78.00	-1.97E-06	8.19E-07	1.22E-06	2.32E-05	1.62E-05	-2.68E-05	1.11E-05	-1.23E-05				
44	534.67	2.25E-01	1.08E-01	2.40E-01	9.84E-01	1.34E-01	-1.35E+00	1.15E+00	-8.19E-01	43.31	1.13E+00	-2.28E-01	
	-68.00	2.35E-06	-2.13E-06	2.93E-06	7.57E-05	1.03E-05	-1.04E-04	3.80E-05	-3.78E-05				
45	584.67	-1.54E-01	-1.33E-01	-1.69E-02	9.46E-01	3.54E-01	-6.41E-01	8.03E-01	-1.09E+00	45.32	-1.54E-01	9.46E-01	
	-68.00	-2.58E-06	-1.77E-06	2.68E-06	7.28E-05	2.72E-05	-4.93E-05	3.42E-05	-3.86E-05				
46	610.83	-9.07E-01	-2.91E-01	-3.11E-01	5.34E-01	4.86E-01	-5.91E-01	1.73E-02	-1.22E+00	59.99	-2.91E-01	-5.34E-01	
	-88.00	-1.83E-05	5.39E-06	4.64E-06	4.11E-05	3.74E-05	-4.55E-05	1.73E-05	-3.02E-05				
47	482.63	-1.82E-02	1.38E-02	-1.68E-02	2.05E-01	1.53E-01	-4.11E-01	2.03E-01	-2.07E-01	47.23	-1.82E-02	2.05E-01	
	-21.00	-4.66E-07	7.63E-07	-4.13E-07	1.57E-05	1.18E-05	-3.16E-05	8.04E-06	-7.75E-06				
48	485.83	6.07E-02	3.22E-02	5.55E-02	5.82E-01	2.03E-02	-1.29E+00	6.28E-01	-5.35E-01	44.30	1.36E-01	5.75E-01	
	-12.00	7.05E-07	-3.93E-07	5.03E-07	4.47E-05	1.56E-06	-9.94E-05	2.25E-05	-2.22E-05				
49	507.88	7.33E-02	-7.53E-03	3.52E-02	2.27E-01	1.22E-01	-4.77E-01	2.63E-01	-1.97E-01	39.95	7.33E-02	2.27E-01	
	-21.00	1.71E-06	-1.40E-06	2.45E-07	1.74E-05	9.38E-06	-3.67E-05	9.01E-06	-8.70E-06				
50	538.67	2.59E-01	-3.43E-02	1.82E-01	8.45E-01	4.06E-01	-1.11E+00	9.70E-01	-7.45E-01	40.08	9.39E-01	-2.28E-01	
	-10.00	5.49E-06	-5.78E-06	2.52E-06	6.50E-05	3.13E-05	-8.55E-05	3.28E-05	-3.31E-05				
51	484.67	-2.97E+00	-2.04E+00	-2.04E+00	-2.92E-02	2.88E-01	-1.20E-01	-2.04E+00	-2.97E+00	-88.20	-2.04E+00	2.92E-02	
	8.00	-3.66E-05	-9.35E-07	-1.17E-06	-2.24E-06	2.22E-05	-9.23E-06	-9.00E-07	-3.66E-05				
52	507.00	9.21E-01	1.03E+00	7.82E-01	5.74E-01	1.95E-01	6.42E-01	1.55E+00	4.00E-01	47.72	1.45E+00	3.30E-01	
	9.00	5.39E-06	9.60E-06	3.88E-08	4.42E-05	1.50E-05	4.94E-05	2.97E-05	-1.47E-05				
53	603.00	1.01E-01	2.76E-02	2.17E-01	3.66E-01	2.59E-01	-3.13E-01	4.32E-01	-3.03E-01	42.13	-1.35E-01	3.09E-01	
	-18.00	9.12E-08	-2.73E-06	4.54E-06	2.81E-05	1.99E-05	-2.41E-05	1.28E-05	-1.54E-05				
54	712.00	-1.57E-02	9.92E-02	6.79E-02	5.89E-01	6.10E-02	-3.77E-01	6.33E-01	-5.50E-01	47.79	-1.57E-02	5.89E-01	
	-303.00	-2.68E-06	2.54E-06	1.12E-06	5.35E-05	5.55E-06	-3.42E-05	2.68E-05	-2.70E-05				
55	712.00	-3.11E-01	-1.50E-01	-6.88E-02	6.38E-01	2.05E-01	-3.63E-01	4.13E-01	-8.74E-01	48.58	-3.11E-01	6.38E-01	
	-213.00	-7.24E-06	5.28E-08	3.75E-06	5.80E-05	1.87E-05	-3.30E-05	2.56E-05	-3.28E-05				
56	712.00	-4.34E-01	-1.64E-01	1.53E-01	4.84E-01	5.33E-01	-2.17E-01	2.03E-01	-8.01E-01	52.80	-4.34E-01	4.84E-01	
	-138.00	-7.53E-06	-1.39E-06	5.81E-06	2.20E-05	2.42E-05	-9.85E-06	6.95E-06	-1.59E-05				
57	712.00	-4.93E-02	7.84E-02	2.49E-01	3.06E-01	2.34E-01	-2.90E-01	3.27E-01	-2.98E-01	50.90	-4.93E-02	3.06E-01	
	-78.00	-4.95E-06	-3.68E-08	6.51E-06	2.35E-05	1.80E-05	-2.23E-05	9.52E-06	-1.45E-05				
58	712.00	-9.88E-02	-8.59E-02	1.90E-01	4.00E-01	2.29E-01	-2.48E-01	3.08E-01	-4.92E-01	45.46	-9.88E-02	4.00E-01	
	-18.00	-3.95E-06	-3.36E-06	7.24E-06	3.08E-05	1.77E-05	-1.91E-05	1.18E-05	-1.90E-05				
59	837.00	-1.64E+00	-8.96E-01	-1.01E+00	4.85E-01	1.52E-01	-2.53E-01	-6.56E-01	-1.88E+00	63.71	-8.96E-01	-4.85E-01	
	-318.00	-2.84E-05	5.36E-06	.00E+00	4.41E-05	1.38E-05	-2.30E-05	1.43E-05	-3.93E-05				
60	887.00	-2.45E-01	-3.91E-03	-9.95E-02	1.28E+00	1.11E-01	-3.87E-01	1.16E+00	-1.41E+00	47.68	1.06E+00	-4.97E-01	
	-288.00	-6.60E-06	4.34E-06	.00E+00	1.17E-04	1.01E-05	-3.51E-05	5.74E-05	-5.96E-05				
61	987.00	2.90E-01	2.22E-01	2.05E-01	1.29E+00	4.03E-02	-1.34E-01	1.54E+00	-1.03E+00	44.25	2.90E-01	1.29E+00	
	-288.00	3.86E-06	7.98E-07	.00E+00	1.17E-04	3.67E-06	-1.22E-05	6.08E-05	-5.61E-05				
62	1037.00	-1.53E+00	-8.89E-01	-9.69E-01	9.29E-01	-1.58E-04	5.25E-04	-2.28E-01	-2.19E+00	54.57	-8.89E-01	-9.29E-01	
	-318.00	-2.57E-05	3.64E-06	.00E+00	8.45E-05	-1.43E-08	4.78E-08	3.37E-05	-5.57E-05				
63	862.00	7.19E-04	1.25E-02	1.65E-01	6.37E-01	6.45E-02	-1.78E-01	6.43E-01	-6.30E-01	45.27	7.19E-04	6.37E-01	
	-213.00	-2.28E-06	-1.74E-06	5.18E-06	5.79E-05	5.86E-06	-1.62E-05	2.69E-05	-3.09E-05				
64	1012.00	1.42E-01	9.46E-02	2.69E-01	6.76E-01	2.83E-02	-7.54E-02	7.95E-01	-5.58E-01	44.00	1.42E-01	6.76E-01	
	-213.00	-1.17E-07	-2.26E-06	5.66E-06	6.15E-05	2.57E-06	-6.85E-06	2.96E-05	-3.19E-05				
65	837.00	1.39E-01	-4.92E-02	4.57E-01	4.85E-01	7.07E-01	-2.[illegible]E-01	3.93E-01	-5.81E-01	47.66	-4.92E-02	-4.85E-01	
	-148.00	[illegible]58E-06	-2.53E-06	8.98E-06	2.20E-05	3.22E-05	-[illegible]-05	7.51E-06	-1.46E-05				
66	93[illegible]	[illegible]70E-02	-4.92E-02	4.15E-01	8.06E-01	1.85E-01	[illegible]-01	7.34E-01	-8.80E-01	45.85	5.00E-01	-5.[illegible]	

	-128.[illegible]	[illegible].62E-06	-2.53E-06	8.03E-06	3.67E-05	8.41E-06	[illegible]E-06	1.53E-05	-2.14E-05					
67	1037.0[illegible]	[illegible].30E-01	-2.01E-01	1.47E-01	8.13E-01	3.13E-01	[illegible]E-01	2.89E-01	-1.42E+00	54.01	-3.01E-01	-8.13E[illegible]		
	-148.00	-1.37E-05	-1.69E-06	9.51E-06	3.69E-05	1.42E-05	-1.74E-05	1.17E-05	-2.71E-05					
68	937.00	-3.90E-01	-3.95E-01	-4.27E-02	8.83E-01	3.94E-01	-3.69E-02	4.91E-01	-1.28E+00	44.92	-3.90E-01	8.83E-01		
	-68.00	-5.91E-06	-6.10E-06	7.46E-06	6.79E-05	3.03E-05	-2.84E-06	2.80E-05	-4.00E-05					
69	937.00	-2.62E-01	2.02E-01	3.69E-01	5.67E-01	3.40E-01	-3.69E-01	5.83E-01	-6.43E-01	56.13	2.02E-01	-5.67E-01		
	-88.00	-1.35E-05	4.39E-06	1.09E-05	4.36E-05	2.61E-05	-2.99E-05	1.90E-05	-2.81E-05					
70	1037.00	9.34E-02	1.15E-01	4.38E-01	9.57E-01	-1.60E-01	-9.52E-01	1.06E+00	-8.53E-01	45.32	7.72E-01	-6.86E-01		
	-68.00	-3.50E-06	-2.66E-06	9.73E-06	7.36E-05	-1.23E-05	-7.32E-05	3.37E-05	-3.99E-05					
71	862.00	-1.90E-01	-1.28E-01	2.42E-01	4.01E-01	3.02E-01	-2.41E-01	2.43E-01	-5.62E-01	47.21	-1.90E-01	4.01E-01		
	-18.00	-6.49E-06	-4.09E-06	1.02E-05	3.09E-05	2.32E-05	-1.85E-05	1.02E-05	-2.08E-05					
72	1012.00	1.93E-01	1.64E-01	[illegible].38E-01	4.09E-01	-7.01E-02	-1.20E-01	5.88E-01	-2.31E-01	43.98	1.93E-01	4.09E-01		
	-18.00	-2.41E-06	-3.53E-06	1.09E-05	3.15E-05	-5.39E-06	-9.19E-06	1.28E-05	-1.87E-05					
73	1387.00	1.15E-01	1.39E-01	1.64E-01	4.54E-01	1.19E-02	2.26E-01	5.81E-01	-3.27E-01	45.78	1.15E-01	4.54E-01		
	-303.00	-2.09E-07	9.09E-07	2.01E-06	4.12E-05	1.08E-06	2.06E-05	2.10E-05	-2.03E-05					
74	1387.00	5.34E-02	4.84E-02	2.26E-01	4.97E-01	2.77E-02	1.82E-01	5.48E-01	-4.46E-01	44.86	5.34E-02	4.97E-01		
	-213.00	-1.83E-06	-2.06E-06	6.02E-06	4.52E-05	2.52E-06	1.65E-05	2.06E-05	-2.45E-05					
75	1387.00	2.12E-02	1.11E-01	5.28E-01	3.72E-01	5.30E-02	1.69E-01	4.41E-01	-3.08E-01	48.44	2.12E-02	3.72E-01		
	-138.00	-2.98E-06	-9.41E-07	8.54E-06	1.69E-05	2.41E-06	7.67E-06	6.55E-06	-1.05E-05					
76	1187.00	-2.40E-01	-1.65E-01	1.47E-01	4.70E-01	2.30E-01	6.68E-01	2.69E-01	-6.74E-01	47.29	-2.40E-01	4.70E-01		
	-68.00	-6.40E-06	-3.51E-06	8.50E-06	3.61E-05	1.77E-05	5.14E-05	1.32E-05	-2.31E-05					
77	1387.00	-2.49E-01	-1.89E-01	2.20E-01	3.60E-01	1.52E-01	-1.07E-01	1.42E-01	-5.81E-01	47.40	-1.89E-01	-3.60E-01		
	-88.00	-7.19E-06	-4.86E-06	1.09E-05	2.77E-05	1.17E-05	-8.20E-06	7.88E-06	-1.99E-05					
78	1587.00	1.15E-01	1.00E-01	4.31E-01	3.43E-01	-7.54E-02	2.66E-01	4.91E-01	-2.36E-01	44.40	2.33E-01	-3.20E-01		
	-68.00	-2.69E-05	-3.24E-06	9.48E-06	2.64E-05	-5.80E-06	2.05E-05	1.02E-05	-1.62E-05					
79	1237.00	-2.50E-01	-9.82E-02	2.61E-01	3.32E-01	1.75E-01	2.58E-02	1.66E-01	-5.15E-01	51.46	-2.50E-01	3.32E-01		
	-18.00	-8.66E-06	-2.81E-06	1.10E-05	2.55E-05	1.34E-05	1.98E-06	7.35E-06	-1.88E-05					
80	1433.80	-1.47E-01	-1.46E-01	2.83E-01	3.78E-01	5.59E-03	6.42E-02	2.32E-01	-5.25E-01	45.06	-1.47E-01	3.78E-01		
	-8.00	-5.56E-06	-5.50E-06	1.10E-05	2.91E-05	4.30E-07	4.94E-06	9.01E-06	-2.01E-05					
81	1533.80	-2.26E-01	-8.21E-02	2.58E-01	2.74E-01	-4.30E-02	3.45E-02	1.29E-01	-4.37E-01	52.34	-8.21E-02	-2.74E-01		
	-28.00	-8.14E-06	-2.61E-06	1.05E-05	2.11E-05	-3.31E-06	2.65E-06	5.52E-06	-1.63E-05					
82	1633.80	-1.47E-01	-1.05E-02	2.95E-01	5.24E-02	-1.20E-01	8.33E-02	7.35E-03	-1.64E-01	71.20	7.18E-03	5.40E-03		
	-8.00	-7.16E-06	-1.92E-06	9.84E-06	4.03E-06	-9.20E-06	6.41E-06	-1.24E-06	-7.84E-06					
83	1433.80	-1.10E+00	-4.97E-01	-2.07E-01	2.98E-01	2.95E-01	-6.74E-03	-3.74E-01	-1.22E+00	67.56	-4.97E-01	-2.98E-01		
	27.60	-2.24E-05	6.59E-07	1.19E-05	2.29E-05	2.27E-05	-5.19E-07	5.40E-06	-2.71E-05					
84	1296.10	-3.65E-01	-5.45E-02	2.67E-01	3.18E-01	1.70E-01	-1.41E-01	1.44E-01	-5.63E-01	58.00	-2.47E-01	-3.52E-01		
	40.70	-1.24E-05	-4.20E-07	1.19E-05	2.45E-05	1.31E-05	-1.08E-05	7.23E-06	-2.00E-05					
85	1148.60	-1.32E-01	6.18E-02	3.72E-01	3.15E-01	1.53E-01	3.14E-01	2.95E-01	-3.65E-01	53.55	2.42E-01	1.78E-01		
	57.33	-8.40E-06	-9.37E-07	1.10E-05	2.42E-05	1.18E-05	2.42E-05	8.02E-06	-1.74E-05					
86	1131.40	-1.40E+00	-6.19E-01	-2.88E-01	1.60E-01	6.67E-01	1.09E-01	-5.88E-01	-1.43E+00	78.86	-6.19E-01	-1.60E-01		
	112.00	-2.86E-05	1.55E-06	1.43E-05	1.23E-05	5.13E-05	6.35E-06	2.77E-06	-2.98E-05					
87	1019.80	-4.46E-01	-1.78E-01	2.01E-01	4.59E-01	3.69E-01	-7.60E-01	1.66E-01	-7.90E-01	53.15	-1.78E-01	-4.59E-01		
	34.67	-1.25E-05	-2.19E-06	1.24E-05	3.53E-05	2.83E-05	-5.85E-05	1.10E-05	-2.57E-05					
88	886.60	-1.15E-01	-5.18E-02	3.32E-01	3.21E-01	1.69E-01	-2.79E-01	2.39E-01	-4.06E-01	47.80	-1.15E-01	3.21E-01		
	46.00	-6.23E-06	-3.81E-06	1.09E-05	2.47E-05	1.30E-05	-2.15E-05	7.39E-06	-1.74E-05					
89	869.80	-7.95E-01	-2.86E-01	7.23E-02	1.50E-01	5.67E-01	1.79E-01	-2.45E-01	-8.36E-01	74.73	-2.86E-01	-1.50E-01		
	96.00	-1.95E-05	7.69E-08	1.39E-05	1.15E-05	4.36E-05	1.38E-05	1.65E-06	-2.11E-05					
90	952.60	-3.00E-02	4.22E-01	6.14E-01	5.26E-01	1.77E-01	-3.72E-01	7.65E-01	-3.83E-01	56.83	6.01E-01	-4.02E-01		
	128.00	-1.24E-05	5.27E-06	1.27E-05	4.04E-05	1.36E-05	-2.87E-05	1.85E-05	-2.57E-05					
91	869.80	-2.30E-01	-1.22E-01	2.68E-01	1.80E-01	2.44E-01	1.26E-01	1.17E-02	-3.64E-01	53.35	-2.30E-01	1.80E-01		
	160.00	-7.93E-06	-3.77E-06	1.12E-05	1.39E-05	1.87E-05	9.68E-06	1.38E-06	-1.31E-05					
92	865.60	-1.15E+00	-3.30E-01	-1.49E-02	1.41E-01	1.01E+00	-1.34E-01	-3.07E-01	-1.17E+00	80.51	-3.30E-01	-1.41E-01		
	203.60	-2.78E-05	3.73E-06	1.59E-05	1.08E-05	7.77E-05	-1.03E-05	4.63E-06	-2.87E-05					
93	598.67	4.53E-02	-1.40E-02	2.35E-01	6.00E-01	7.85E-01	-7.87E-01	6.16E-01	-5.85E-01	43.59	-1.40E-02	-6.00E-01		
	16.00	-1.18E-06	-3.46E-06	6.10E-06	4.62E-05	6.04E-05	-6.06E-05	2.08E-05	-2.54E-05					
94	645.75	-5.59E-02	-6.91E-02	1.76E-01	3.90E-01	2.85E-01	-2.91E-01	3.27E-01	-4.52E-01	44.52	-5.59E-02	3.90E-01		
	24.00	-2.71E-06	-3.22E-06	6.21E-06	3.00E-05	2.19E-05	-2.24E-05	1.20E-05	-1.80E-05					
95	613.10	-2.29E-01	-4.05E-01	-1.03E-01	6.70E-01	3.98E-01	4.87E-01	3.59E-01	-9.94E-01	41.26	-2.29E-01	6.70E-01		
	69.33	-7.12E-07	-7.48E-06	4.14E-06	5.16E-05	3.06E-05	3.74E-05	2.19E-05	-3.01E-05					
96	708.45	-1.42E-01	-5.04E-02	2.36E-01	3.24E-01	3.04E-01	-1.45E-01	2.31E-01	-4.24E-01	49.01	-2.46E-01	-2.91E-01		
	55.00	-5.93E-06	-2.41E-06	8.58E-06	2.50E-05	2.34E-05	-1.12E-05	8.43E-06	-1.68E-05					
97	613.10	-5.21E-01	-1.25E-01	8.66E-02	2.10E-01	1.30E+00	-1.47E-01	-3.43E-02	-6.11E-01	66.68	-1.25E-01	-2.10E-01		
	96.00	-1.30E-05	1.35E-06	9.47E-06	1.61E-05	1.00E-04	-1.13E-05	4.82E-06	-1.74E-05					
98	682.27	-2.28E-01	-1.15E-01	1.71E-01	4.01E-01	4.03E-01	3.36E-03	2.31E-01	-5.78E-01	48.92	1.73E-01	-2.10E-01		

	112.00	-6.86E-06	-2.61E-06	8.51E-06	3.08E-05	3.10E-05	2.58E-07	1.08E-05	-2.03E-05				
99	751.43	-6.66E-01	1.42E-01	2.01E-01	4.88E-01	6.35E-01	-6.07E-01	3.71E-01	-8.95E-01	64.60	1.42E-01	-4.88E-01	
	96.00	-2.21E-05	9.06E-06	1.13E-05	3.75E-05	4.88E-05	-4.67E-05	1.71E-05	-3.06E-05				
100	693.25	-8.62E-02	4.54E-02	3.15E-01	1.66E-01	3.19E-01	-3.00E-01	1.53E-01	-1.94E-01	56.15	-8.62E-02	1.60E-01	
	152.00	-6.32E-05	-1.26E-06	9.09E-06	1.23E-05	2.45E-05	-2.31E-05	2.88E-06	-1.05E-05				
101	648.67	-8.71E-01	-2.85E-01	4.38E-03	4.84E-02	9.30E-01	-4.85E-02	-2.81E-01	-8.75E-01	85.30	-2.85E-01	-4.84E-02	
	192.00	-2.08E-05	1.69E-06	1.28E-05	3.73E-05	7.15E-05	-3.73E-06	1.84E-06	-2.10E-05				
102	725.25	-8.26E-02	1.41E-01	3.76E-01	1.86E-01	2.64E-01	-2.79E-01	2.46E-01	-1.86E-01	60.53	2.63E-02	-2.17E-01	
	232.70	-7.96E-06	6.55E-07	9.69E-06	1.43E-05	2.03E-05	-2.14E-05	4.65E-06	-1.20E-05				
103	635.50	-2.34E-01	-4.25E-01	-2.00E-02	-5.63E-02	2.15E-01	3.79E-01	-2.15E-01	-4.40E-01	-15.26	-2.34E-01	-5.63E-02	
	256.00	-1.54E-06	-8.88E-06	6.69E-06	-4.33E-06	1.65E-05	2.92E-05	-9.48E-07	-9.47E-06				
104	635.50	-1.96E-01	-1.64E-01	2.69E-01	-6.56E-02	7.69E-01	-1.95E-02	-1.05E-01	-2.42E-01	-49.82	-1.64E-01	6.56E-02	
	290.67	-6.28E-06	-5.42E-06	1.12E-05	-5.04E-06	5.51E-05	-1.50E-06	-3.29E-06	-8.41E-06				
105	569.00	2.68E-01	3.98E-02	2.55E-01	6.31E-01	3.04E-01	-6.35E-01	7.96E-01	-4.88E-01	39.68	2.68E-01	6.31E-01	
	16.50	4.13E-06	-4.65E-06	3.61E-06	4.86E-05	2.34E-05	-4.89E-05	2.44E-05	-2.49E-05				
106	508.50	1.82E+00	1.25E+00	1.35E+00	5.38E-01	7.87E-01	-1.42E-01	2.15E+00	9.27E-01	30.94	1.25E+00	-5.38E-01	
	13.00	2.15E-05	-5.45E-07	3.29E-06	4.14E-05	6.05E-05	-1.10E-05	3.39E-05	-1.29E-05				
107	521.00	4.86E-01	1.79E-01	3.14E-01	6.70E-01	2.43E-01	-3.00E-01	1.02E+00	-3.55E-01	38.54	4.86E-01	6.70E-01	
	15.75	7.92E-06	-3.89E-06	1.34E-06	5.15E-05	1.87E-05	-2.31E-05	2.84E-05	-2.44E-05				
108	526.25	4.34E-01	1.65E-01	3.08E-01	7.28E-01	2.14E-01	-3.19E-01	1.04E+00	-4.41E-01	39.78	4.34E-01	7.28E-01	
	21.00	6.71E-06	-3.61E-06	1.88E-06	5.60E-05	1.64E-05	-2.46E-05	3.00E-05	-2.69E-05				
109	515.50	1.19E+00	8.29E-01	9.71E-01	9.39E-01	6.27E-01	-1.43E-01	1.96E+00	5.23E-02	39.61	8.29E-01	-9.39E-01	
	26.00	1.28E-05	-9.29E-07	4.53E-06	7.22E-05	4.83E-05	-1.10E-05	4.27E-05	-3.08E-05				
110	531.50	2.36E-01	1.19E-01	2.48E-01	5.99E-01	1.61E-01	-2.99E-01	7.80E-01	-4.24E-01	42.21	2.36E-01	5.99E-01	
	34.50	2.46E-06	-2.05E-06	2.91E-06	4.61E-05	1.24E-05	-2.30E-05	2.34E-05	-2.29E-05				
111	515.50	-4.25E-01	-7.70E-01	-4.20E-01	1.79E+00	1.44E-01	8.28E-01	1.20E+00	-2.40E+00	42.25	-4.25E-01	1.79E+00	
	44.00	1.39E-06	-1.19E-05	1.59E-06	1.38E-04	1.11E-05	6.37E-05	6.40E-05	-7.44E-05				
112	515.50	7.49E-02	1.07E-01	2.52E-01	4.10E-01	4.51E-01	-1.24E-01	5.01E-01	-3.19E-01	46.13	1.07E-01	-4.10E-01	
	53.33	-1.89E-06	-6.50E-07	4.92E-06	3.15E-05	3.47E-05	-9.54E-06	1.45E-05	-1.70E-05				
113	547.50	-3.51E-02	2.83E-01	2.68E-01	6.41E-01	2.18E-01	-1.18E+00	7.94E-01	-5.37E-01	51.96	4.82E-01	-5.55E-01	
	64.00	-7.01E-06	5.21E-06	4.64E-06	4.93E-05	1.67E-05	-9.08E-05	2.45E-05	-2.63E-05				
114	515.50	-4.49E-01	-5.90E-01	-3.01E-01	7.49E-01	6.52E-02	1.88E-01	2.33E-01	-1.27E+00	42.31	-4.48E-01	7.49E-01	
	74.67	-2.53E-06	-7.97E-06	3.14E-06	5.76E-05	5.01E-06	1.44E-05	2.37E-05	-3.42E-05				
115	515.50	-8.58E-01	-4.95E-01	-3.74E-01	2.75E-01	2.89E-01	-1.28E-01	-3.48E-01	-1.01E+00	61.72	-4.95E-01	-2.72E-01	
	88.00	-1.40E-05	-7.17E-08	4.61E-06	2.11E-05	2.23E-05	-9.83E-06	5.61E-06	-1.97E-05				
116	547.50	-5.25E-01	-2.71E-02	-6.30E-02	8.45E-01	1.49E-01	-5.77E-01	6.05E-01	-1.16E+00	53.21	3.41E-01	-6.28E-01	
	104.00	-1.34E-05	5.72E-06	4.34E-06	6.50E-05	1.15E-05	-4.44E-05	3.00E-05	-3.77E-05				
117	515.50	-7.92E-02	-1.64E-01	5.98E-02	6.25E-01	3.59E-02	3.17E-03	8.05E-01	-7.47E-01	43.07	-7.92E-02	6.25E-01	
	120.00	-1.03E-06	-4.28E-06	4.31E-06	4.80E-05	2.76E-06	2.44E-07	2.14E-05	-2.67E-05				
118	515.50	-3.65E-01	-1.63E-01	-7.48E-04	2.37E-01	2.24E-01	-1.03E-01	-9.53E-03	-5.23E-01	56.28	-1.68E-01	-2.37E-01	
	136.00	-8.17E-06	-5.91E-07	5.83E-06	1.82E-05	1.73E-05	-7.94E-06	5.49E-06	-1.43E-05				
119	547.50	-4.98E-01	-2.95E-01	-1.17E-01	5.02E-01	1.03E-01	-1.86E-01	1.16E-01	-9.09E-01	50.72	-7.08E-02	-3.95E-01	
	152.00	-9.15E-06	-1.34E-06	5.49E-06	3.86E-05	7.94E-06	-1.43E-05	1.45E-05	-2.50E-05				
120	515.50	-2.53E-01	-3.30E-01	-4.05E-02	3.99E-01	8.53E-02	3.11E-01	1.09E-01	-6.93E-01	42.26	-2.53E-01	3.99E-01	
	168.00	-2.89E-06	-5.84E-06	5.30E-06	3.07E-05	6.56E-06	2.39E-05	1.11E-05	-1.98E-05				
121	515.50	-6.45E-01	-3.34E-01	-1.26E-01	1.67E-01	3.85E-01	-7.12E-02	-2.61E-01	-7.18E-01	66.43	-3.34E-01	-1.67E-01	
	184.00	-1.27E-05	-7.11E-07	7.29E-06	1.29E-05	2.96E-05	-5.48E-06	2.10E-06	-1.55E-05				
122	547.50	-1.78E-01	2.25E-01	2.68E-01	5.51E-01	1.67E-01	-4.67E-01	6.10E-01	-5.63E-01	55.04	4.60E-01	-3.91E-01	
	200.00	-1.03E-05	5.18E-06	6.86E-06	4.24E-05	1.29E-05	-3.59E-05	2.00E-05	-2.51E-05				
123	515.50	7.03E-02	4.35E-02	2.68E-01	2.55E-01	8.12E-02	3.98E-01	3.13E-01	-1.99E-01	43.50	7.03E-02	2.56E-01	
	216.00	-1.49E-06	-2.52E-06	6.12E-06	1.97E-05	6.24E-06	3.06E-05	7.84E-06	-1.19E-05				
124	515.50	-1.25E-02	6.59E-02	3.31E-01	3.78E-02	3.86E-01	-4.92E-02	1.02E-01	-2.50E-02	71.77	8.99E-02	-3.78E-02	
	232.00	-4.97E-06	-1.03E-06	8.25E-06	2.91E-06	2.97E-05	-3.79E-06	-5.54E-07	-5.45E-06				
125	547.50	2.91E-01	4.29E-01	5.71E-01	1.04E-01	1.56E-01	-7.97E-01	4.85E-01	2.35E-01	61.65	4.70E-01	-5.99E-02	
	248.00	-2.97E-06	2.30E-06	7.77E-06	8.03E-06	1.20E-05	-6.13E-05	4.47E-06	-5.14E-06				
126	515.50	3.93E-01	4.61E-01	5.66E-01	-1.07E-01	-8.41E-03	1.33E-01	5.40E-01	3.14E-01	-53.73	3.93E-01	-1.07E-01	
	264.00	-4.80E-07	2.12E-06	6.16E-06	-8.27E-06	-6.47E-07	1.02E-05	5.15E-06	-3.51E-06				
127	515.50	2.67E-01	2.52E-01	4.55E-01	-3.50E-02	1.31E-01	-4.01E-02	2.95E-01	2.24E-01	-39.28	2.52E-01	3.50E-02	
	276.00	-4.50E-07	-9.54E-07	6.80E-06	-2.69E-06	1.01E-05	-3.08E-06	6.51E-07	-2.09E-06				
128	531.50	3.79E-01	1.91E-01	4.45E-01	-1.59E-02	-5.66E-03	-2.85E-02	3.80E-01	1.89E-01	-4.82	3.79E-01	-1.59E-02	
	297.00	3.42E-06	-3.80E-06	5.56E-06	-1.23E-06	-4.35E-07	-2.19E-06	3.47E-06	-3.86E-06				
129	515.50	7.77E-01	3.14E-01	6.20E-01	-2.11E-01	4.51E-03	2.10E-01	8.59E-01	2.32E-01	-21.21	7.77E-01	-2.11E-01	
	320.00	[illegible]11E-05	-6.73E-06	5.65E-06	-1.63E-05	3.78E-07	1[illegible]-05	1.42E-05	-9.88E-06				
183	565.[illegible]	[illegible]9E-02	-1.61E-01	5.73E-02	9.65E-01	3.95E-01	[illegible]01	5.35E-01	-1.01E+00	41.35	8.59E-02	9.6[illegible]	

EARTHQUAKE A[illegible]SIS OF THE SOUTH TANK (10 SEC F .01 FOR DT)

SHELL FORCES FOR FOURIER TERM, NUMBER 1 TIME = .5900E+01

N.P.	LONG MOM	CIRC MOM	CROSS MOM	LONG FORCE	HOOP FORCE	SHEAR FORCE
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
6	-.1361E+02	-.8439E+02	-.2183E+02	.4292E+01	-.4468E+00	-.2136E+01
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
8	.1244E+01	.4928E+00	.1089E+00	.9033E+01	-.4315E+00	-.3989E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
14	-.1024E+01	-.1740E+00	.4172E-01	.1468E+02	-.5074E+00	-.7966E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
16	.1508E+01	.3488E+00	-.2686E-01	.2109E+02	-.1566E+01	-.1196E+02
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
22	-.1971E+01	-.3249E+00	.7409E-02	.2749E+02	-.2685E+01	-.1655E+02
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
24	.4064E+00	-.7388E-01	.7691E-01	.3736E+02	-.4026E+01	-.2310E+02
25	.3237E+01	.5322E+00	.1283E-02	.4600E+02	-.4461E+01	-.3013E+02
26	-.1189E+01	-.9193E-01	-.2034E-01	.4991E+02	-.5155E+01	-.3528E+02
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
32	-.2021E+02	-.3859E+01	.6855E+00	.5154E+02	-.9945E+01	-.3971E+02
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
39	.3220E+03	.5770E+02	-.3453E+01	.7562E+02	-.3555E+02	-.6722E+02
40	.2445E+03	.3998E+02	-.6556E+00	.7167E+02	-.3452E+02	-.6043E+02
41	.1806E+03	.2578E+02	.2404E+01	.6195E+02	-.3103E+02	-.5097E+02
42	.4408E+02	.4258E+01	.2876E+01	.5263E+02	-.2093E+02	-.4389E+02
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
47	-.5296E+03	-.7227E+02	-.2613E+01	.1478E+02	-.4411E+02	.5582E+02
48	-.4657E+03	-.6223E+02	-.3175E+01	.2098E+02	-.4102E+02	.3808E+02
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
50	-.5771E+03	-.1019E+03	-.3489E+01	-.2585E+02	-.3176E+02	.1196E+03
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
53	.2149E+01	.1046E+01	.1161E+00	.8448E+01	-.4162E+02	.5420E+02
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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AKYD    COMBUSTION ENGINEERING CYBER 990.        NOS 2.4 L642C.        15.39.40. 85/12/10.

15.23.30.LCTI,STMEC,P4,TILC.
15.23.30.USER,LCTIP,,.
15.23.30.ABSC,  7.
15.23.30.CHARGE,00990775,0.
15.23.30.     JSN = AKYD
15.23.31.*PROLOG,PROC1,,.
15.23.31.$SETES,PROC1/ES=AD.
15.23.31.*PROC1.
15.23.33.IF(OT.EQ.IAO,PROC1E)
15.23.33.ENDIF(PROC1A)
15.23.33.*RETURN(PROC1)
15.23.33.PFVRET.
15.23.34.ATTACH,VASHSOP/UN=RESTAN.
15.23.35.VASHSOP.
15.39.40.     STOP
15.39.40.     *67200 MAXIMUM EXECUTION FL.
15.39.40.     69.330 CP SECONDS EXECUTION TIME.
15.39.40.UEAD,       0.002KUNS.
15.39.40.UERE,       0.010KUNS.
15.39.40.UEMS,      72.309KUNS.
15.39.40.UECP,      69.385SECS.
15.39.40.AESR,    2518.275UNTS.
15.39.40.*OUT(*/DP=E)
15.39.40. NO FILES PROCESSED.
15.39.40.*DAYFILE(OUTPUT,JT=D)


09.47.10.UCLP, FR, 040,      57.472KINS.
```

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