U-006-105 .16

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STUDY AND EVALUATION EFFECT OF INTERNAL ATTENUATION LAYER ON K-65 SILOS VOLUME III DECEMBER 1988 (A CAMARGO REPORT)

03/28/89

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FERNALD, OHIO

STUDY AND EVALUATION INTERNAL ATTENUATION LAYER EFFECT ON K-65 SILOS Volume III

prepared by:
CAMARGO ASSOCIATES, INC.
CINCINNATI, OHIO

DECEMBER 1988

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VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS  VAX/VMS

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FF          FF                  JJ  LL          HH      HH
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FFFFFFFF    FFFFFFFF            JJ  LL          HHHHHHHHHH
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FF          FF            JJJJJJ    LLLLLLLLLL  HH      HH

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           S      0   0  U   U    T    H   H
           S      0   0  U   U    T    H   H
            SSS   0   0  U   U    T    HHHHH
               S  0   0  U   U    T    H   H
               S  0   0  U   U    T    H   H
           SSSS    000   UUUUU    T    H   H

                J   000   BBBB          1     222   55555   000
                J  0   0  B   B        11    2   2  5      0   0
                J  0   0  B   B         1        2  555    0  00
                J  0   0  BBBB          1       2      5   0 0 0
             J  J  0   0  B   B         1      2       5  00  0
             J  J  0   0  B   B         1     2     5   5  0   0
              JJJ   000   BBBB         111   22222   555    000

Job SOUTH (1250) queued to P$CENTRAL on 13-NOV-1988 16:06 by user FFJLH, UIC [FFJLH], under account AUFF Y at priority 100, started
on printer _ACAD3A$LCA0: on 14-NOV-1988 09:22 from queue P$CENTRAL.

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Program ASHSC2 - Version 2.94 (MS-DOS)

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

```
NUMBER OF NODAL POINTS-----------------   139
NUMBER OF ELEMENTS---------------------   183
NUMBER OF DIFFERENT MATERIALS----------    25
NUMBER OF PRINT ANGLES-----------------     0
FLAG FOR STATIC ANALYSIS---------------     F
FLAG FOR DYNAMIC ANALYSIS--------------     T
FLAG FOR TRANSFORMATION ANGLE (SOLID)--     0
  0=TRANS. ANGLE ON MATERIAL CARDS ----
  1=TRANS. ANGLE ON ELEMENT CARDS -----
```

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-----------------    10
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
```

Table of Output Options....
(T = true, F = false)

```
T  Displacement History
F  Relative Acceleration History
F  Total Acceleration History
T  Stress History
T  Maximum Nodal point displacements (Dynamic)
F  Maximum value of relative accelerations
F  Maximum value of total accelerations
T  Maximum value of stresses
F  write displacements to a file
F  write relative accelerations to a file
F  write total accelerations to a file
F  write stresses to a file
F  Response of each Fourier term
F  Not used
F  Create permanent files for superposition (static)
```

NO OF NODAL POINTS FOR ACCELERATION PRNNTOUT 0

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2

```
MAX. DIMENSION OF ID ........   3000
MIN. DIMENSION FOR PROBLEM...   2031
MAX. DIMENSION OF D --------- 60000
MIN. DIMENSION FOR LAYOUT ---   2343

MATERIAL NUMBER =  1    MASS DENSITY =  0.2269E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER =  2    MASS DENSITY =  0.2247E-03    M.T.A.(R-N)=    0.00    (3000 CONC. WALL AND MAT)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER =  3    MASS DENSITY =  0.2271E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER =  4    MASS DENSITY =  0.2274E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER =  5    MASS DENSITY =  0.2279E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER =  6    MASS DENSITY =  0.2283E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER =  7    MASS DENSITY =  0.1887E-03    M.T.A.(R-N)=    0.00    (SILTY CLAY)
                        POISSONS RATIO =  0.4000
                   MODULUS OF ELASTICITY =  36.400E+03

MATERIAL NUMBER =  8    MASS DENSITY =  0.1902E-03    M.T.A.(R-N)=    0.00    (SAND & GRAVEL)
                        POISSONS RATIO =  0.3000
                   MODULUS OF ELASTICITY =  57.200E+03

MATERIAL NUMBER =  9    MASS DENSITY =  0.2092E-03    M.T.A.(R-N)=    0.00    (GLACIAL FILL)
                        POISSONS RATIO =  0.4000
                   MODULUS OF ELASTICITY =  30.800E+03

MATERIAL NUMBER = 10    MASS DENSITY =  0.1947E-03    M.T.A.(R-N)=    0.00    (EMBANKEMENT)
                        POISSONS RATIO =  0.4000
                   MODULUS OF ELASTICITY =  36.400E+03

MATERIAL NUMBER = 11    MASS DENSITY =  0.2284E-03    M.T.A.(R-N)=    0.00    (4000 CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER = 12    MASS DENSITY =  0.2287E-03    M.T.A.(R-N)=    0.00    (4000  CONC. DOME)
                        POISSONS RATIO =  0.1500
                   MODULUS OF ELASTICITY =  38.340E+05

MATERIAL NUMBER = 13    MASS DENSITY =  0.2292E-03    M.T.A.(R-N)=    0.00    (3500  CONC. DOME)
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                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER = 14    MASS DENSITY =  0.2612E-03    M.T.A.(R-N)=    0.00    (3500  CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER = 15    MASS DENSITY =  0.4057E-03    M.T.A.(R-N)=    0.00    (*3500 CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER = 16    MASS DENSITY =  0.2995E-03    M.T.A.(R-N)=    0.00    (3000 CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 17    MASS DENSITY =  0.3268E-03    M.T.A.(R-N)=    0.00    (3000 CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 18    MASS DENSITY =  0.3594E-03    M.T.A.(R-N)=    0.00    (3000 CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 19    MASS DENSITY =  0.3994E-03    M.T.A.(R-N)=    0.00    (2500 CONC. DOME: PORTION MASS ONLY)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  30.310E+05

MATERIAL NUMBER = 20    MASS DENSITY =  0.5346E-02    M.T.A.(R-N)=    0.00    (3000 TANK WALL + K-65)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 21    MASS DENSITY =  0.5404E-02    M.T.A.(R-N)=    0.00    (3500 TANK WALL + K-65)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER = 22    MASS DENSITY =  0.5016E-02    M.T.A.(R-N)=    0.00    (3500 TANK WALL + K-65)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  35.870E+05

MATERIAL NUMBER = 23    MASS DENSITY =  0.5182E-02    M.T.A.(R-N)=    0.00    (3000 TANK WALL + K-65)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 24    MASS DENSITY =  0.5359E-02    M.T.A.(R-N)=    0.00    (3000 TANK WALL + K-65)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  33.210E+05

MATERIAL NUMBER = 25    MASS DENSITY =  0.2247E-03    M.T.A.(R-N)=    0.00    (4000 TANK WALL)
                    POISSONS RATIO =  0.1500
                MODULUS OF ELASTICITY =  38.340E+05
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EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC & .01 FOR DT)

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N.P.	B.C. CODE	R-ORD.	Z-ORD	Shell Thick
1	1110.	0.00	-348.00	
2	0.	0.00	-258.00	
3	0.	0.00	-168.00	
4	0.	0.00	-108.00	
5	0.	0.00	-48.00	
6	0.	1.00	10.00	4.00
7	0.	72.00	-48.00	
8	0.	72.00	10.00	4.00
9	1110.	144.00	-348.00	
10	0.	144.00	-258.00	
11	0.	144.00	-168.00	
12	0.	144.00	-108.00	
13	0.	144.00	-48.00	
14	0.	144.00	10.00	4.00
15	0.	216.00	-48.00	
16	0.	216.00	10.00	4.00
17	1110.	288.00	-348.00	
18	0.	288.00	-258.00	
19	0.	288.00	-168.00	
20	0.	288.00	-108.00	
21	0.	288.00	-48.00	
22	0.	288.00	10.00	4.00
23	0.	360.00	-48.00	
24	0.	360.00	10.00	4.00
25	0.	396.00	10.00	4.00
26	0.	415.00	10.00	4.00
27	1110.	434.00	-348.00	
28	0.	434.00	-258.00	
29	0.	434.00	-168.00	
30	0.	434.00	-108.00	
31	0.	434.00	-48.00	
32	0.	434.00	10.00	4.00
33	0.	458.00	-48.00	
34	1110.	480.00	-348.00	
35	0.	480.00	-258.00	
36	0.	480.00	-168.00	
37	0.	480.00	-108.00	
38	0.	480.00	-48.00	
39	0.	480.00	6.00	12.00
40	0.	469.00	6.00	12.00
41	0.	458.00	6.00	12.00
42	0.	446.00	8.00	8.00
43	0.	558.50	-108.00	
44	1110.	637.00	-348.00	
45	0.	637.00	-258.00	
46	0.	637.00	-168.00	
47	0.	487.00	6.00	12.00
48	0.	483.50	6.00	12.00
49	0.	487.00	-48.00	
50	0.	483.50	12.00	7.00

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

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N.P.	B.C. CODE	R-ORD.	Z-ORD	Shell Thick
51	0.	558.50	-48.00	
52	0.	558.50	12.00	
53	0.	499.00	6.00	12.00
54	0.	637.00	-108.00	
55	0.	637.00	-48.00	
56	1110.	787.00	-348.00	
57	0.	787.00	-258.00	
58	0.	787.00	-168.00	
59	0.	637.00	12.00	
60	0.	579.50	12.00	
61	0.	483.50	15.00	7.00
62	0.	787.00	-108.00	
63	0.	787.00	-48.00	
64	0.	558.50	18.00	
65	0.	483.50	18.00	7.00
66	0.	483.50	24.00	7.00
67	0.	483.50	30.00	7.00
68	1110.	937.00	-348.00	
69	0.	937.00	-258.00	
70	0.	937.00	-168.00	
71	0.	787.00	12.00	
72	0.	579.50	24.00	
73	0.	937.00	-48.00	
74	0.	579.50	48.00	
75	0.	483.50	36.00	7.50
76	0.	483.50	48.00	7.50
77	0.	937.00	12.00	
78	1110.	1087.00	-348.00	
79	0.	1087.00	-258.00	
80	0.	1087.00	-168.00	
81	0.	1087.00	-108.00	
82	0.	1087.00	-48.00	
83	0.	787.00	80.00	
84	0.	1035.40	-80.00	
85	0.	483.50	64.00	7.50
86	0.	579.50	80.00	
87	0.	1087.00	12.00	
88	0.	680.30	80.00	
89	0.	483.50	80.00	7.50
90	0.	1387.00	-48.00	
91	0.	1387.00	12.00	
92	0.	1387.00	58.80	
93	1110.	1687.00	-348.00	
94	100.	1687.00	-258.00	
95	100.	1687.00	-168.00	
96	100.	1687.00	-108.00	
97	100.	1687.00	-48.00	
98	100.	1687.00	12.00	
99	0.	1527.40	12.00	
100	0.	1323.40	80.00	

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

N.P.	B.C. CODE	R-ORD.	Z-ORD	Shell Thick
101	0.	1035.40	176.00	
102	0.	483.50	104.00	7.50
103	0.	787.00	128.00	
104	0.	579.50	128.00	
105	0.	483.50	128.00	7.50
106	0.	787.00	176.00	
107	0.	579.50	176.00	
108	0.	483.50	152.00	7.50
109	0.	483.50	176.00	7.50
110	0.	787.00	258.80	
111	0.	579.50	224.00	
112	0.	483.50	200.00	7.50
113	0.	747.50	272.00	
114	0.	483.50	224.00	7.50
115	0.	483.50	248.00	7.50
116	0.	483.50	272.00	8.00
117	0.	579.50	272.00	
118	0.	483.50	284.00	8.00
119	0.	483.50	304.00	8.00
120	0.	579.50	328.00	
121	0.	483.50	328.00	8.00
122	0.	476.00	330.00	8.00
123	0.	470.00	332.50	7.00
124	0.	464.00	335.00	6.00
125	0.	458.00	337.90	5.00
126	0.	448.00	342.80	5.00
127	0.	438.00	347.70	5.00
128	0.	416.00	357.80	5.00
129	0.	394.00	367.30	5.00
130	0.	368.00	377.70	4.50
131	0.	323.00	393.50	4.50
132	0.	278.00	407.10	3.50
133	0.	233.00	418.80	3.50
134	0.	188.00	428.10	3.00
135	0.	143.00	435.40	3.00
136	0.	98.00	440.80	3.00
137	0.	53.90	443.90	2.50
138	0.	8.00	446.00	2.50
139	0.	1.00	446.00	2.00

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

Element #	Connecting Nodes i	j	k	l	Material #	Trans. Angle (deg)	Avg. Shell Thickness
1	10	2	1	9	9	0.00	
2	11	3	2	10	9	0.00	
3	12	4	3	11	8	0.00	
4	7	5	4	4	7	0.00	
5	7	4	12	12	7	0.00	
6	13	7	12	12	7	0.00	
7	8	6	5	7	7	0.00	
8	14	8	7	13	7	0.00	
9	18	10	9	17	9	0.00	
10	19	11	10	18	9	0.00	
11	20	12	11	19	8	0.00	
12	15	13	12	12	7	0.00	
13	15	12	20	20	7	0.00	
14	21	15	20	20	7	0.00	
15	16	14	13	15	7	0.00	
16	22	16	15	21	7	0.00	
17	28	18	17	27	9	0.00	
18	29	19	18	28	9	0.00	
19	30	20	19	29	8	0.00	
20	23	21	20	20	7	0.00	
21	25	20	30	30	7	0.00	
22	31	23	30	30	7	0.00	
23	24	22	21	23	7	0.00	
24	25	24	23	23	7	0.00	
25	26	25	23	31	7	0.00	
26	32	26	31	31	7	0.00	
27	35	28	27	34	9	0.00	
28	36	29	28	35	9	0.00	
29	37	30	29	36	8	0.00	
30	33	31	30	30	7	0.00	
31	33	30	37	37	7	0.00	
32	38	33	37	37	7	0.00	
33	42	32	31	33	7	0.00	
34	41	42	33	33	7	0.00	
35	40	41	33	33	7	0.00	
36	40	33	38	38	7	0.00	
37	39	40	38	38	7	0.00	
38	45	35	34	44	9	0.00	
39	46	36	35	45	9	0.00	
40	43	37	36	36	8	0.00	
41	43	36	46	46	8	0.00	
42	54	43	46	46	8	0.00	
43	49	38	37	43	7	0.00	
44	51	49	43	43	7	0.00	
45	55	51	43	43	7	0.00	
46	55	43	54	54	7	0.00	
47	48	39	38	49	7	0.00	
48	47	48	49	49	7	0.00	
49	53	47	49	51	7	0.00	
50	52	53	51	51	7	0.00	

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

Element #	Connecting Nodes i	j	k	l	Material #	Trans. Angle (deg)	Avg. Shell Thickness
51	50	48	47	47	7	0.00	
52	52	50	47	53	7	0.00	
53	59	60	51	55	7	0.00	
54	57	45	44	56	9	0.00	
55	58	46	45	57	9	0.00	
56	62	54	46	58	8	0.00	
57	63	55	54	62	7	0.00	
58	71	59	55	63	7	0.00	
59	57	56	68	68	9	0.00	
60	69	57	68	68	9	0.00	
61	79	69	68	63	9	0.00	
62	79	63	78	78	9	0.00	
63	78	58	57	69	9	0.00	
64	80	70	69	79	9	0.00	
65	62	58	70	70	3	0.00	
66	81	62	70	70	8	0.00	
67	81	70	80	80	8	0.00	
68	73	63	62	62	7	0.00	
69	73	62	81	81	7	0.00	
70	82	73	81	81	7	0.00	
71	77	71	63	73	7	0.00	
72	87	77	73	82	7	0.00	
73	94	79	78	93	9	0.00	
74	95	80	79	94	9	0.00	
75	96	81	80	95	8	0.00	
76	90	82	81	81	7	0.00	
77	90	81	96	96	7	0.00	
78	97	90	96	96	7	0.00	
79	91	87	82	90	7	0.00	
80	99	91	90	90	7	0.00	
81	99	90	97	97	7	0.00	
82	98	99	97	97	7	0.00	
83	92	91	99	99	10	0.00	
84	92	100	87	91	10	0.00	
85	100	84	87	87	10	0.00	
86	101	84	100	100	10	0.00	
87	84	77	67	67	10	0.00	
88	84	83	71	77	10	0.00	
89	103	83	84	84	10	0.00	
90	101	103	84	84	10	0.00	
91	101	106	103	103	10	0.00	
92	110	106	101	101	10	0.00	
93	72	60	59	59	10	0.00	
94	71	74	72	59	10	0.00	
95	88	86	74	74	10	0.00	
96	83	88	74	71	10	0.00	
97	104	86	88	88	10	0.00	
98	103	104	88	88	10	0.00	
99	103	88	83	83	10	0.00	
100	106	107	104	103	10	0.00	

000011

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

9

Element #	Connecting Nodes i	j	k	l	Material #	Trans. Angle (deg)	Avg. Shell Thickness
101	111	107	106	106	10	0.00	
102	110	113	111	106	10	0.00	
103	113	117	111	111	10	0.00	
104	120	117	113	113	10	0.00	
105	72	64	52	60	10	0.00	
106	61	50	52	52	10	0.00	
107	64	65	61	52	10	0.00	
108	72	66	65	64	10	0.00	
109	67	66	72	72	10	0.00	
110	74	75	67	72	10	0.00	
111	74	76	75	75	10	0.00	
112	85	76	74	74	10	0.00	
113	86	85	74	74	10	0.00	
114	86	89	85	85	10	0.00	
115	102	89	86	86	10	0.00	
116	104	102	86	86	10	0.00	
117	104	105	102	102	10	0.00	
118	108	105	104	104	10	0.00	
119	107	108	104	104	10	0.00	
120	107	109	108	108	10	0.00	
121	112	109	107	107	10	0.00	
122	111	112	107	107	10	0.00	
123	111	114	112	112	10	0.00	
124	115	114	111	111	10	0.00	
125	117	115	111	111	10	0.00	
126	117	116	115	115	10	0.00	
127	118	116	117	117	10	0.00	
128	120	119	118	117	10	0.00	
129	120	121	119	119	10	0.00	
130	6	8	8	8	2	0.00	4.000
131	8	14	14	14	2	0.00	4.000
132	14	16	16	16	2	0.00	4.000
133	16	22	22	22	2	0.00	4.000
134	22	24	24	24	2	0.00	4.000
135	24	25	25	25	2	0.00	4.000
136	25	26	26	26	2	0.00	4.000
137	26	32	32	32	2	0.00	4.000
138	32	42	42	42	2	0.00	6.000
139	42	41	41	41	2	0.00	10.000
140	41	40	40	40	2	0.00	12.000
141	40	39	39	39	2	0.00	12.000
142	39	48	48	48	2	0.00	12.000
143	48	47	47	47	2	0.00	12.000
144	47	53	53	53	2	0.00	12.000
145	50	48	48	48	2	0.00	9.500
146	61	50	50	50	24	0.00	7.000
147	65	61	61	61	24	0.00	7.000
148	66	65	65	65	24	0.00	7.000
149	67	66	66	66	24	0.00	7.000
150	75	67	67	67	23	0.00	7.250

000012

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

10

Element #	Connecting Nodes i	j	k	l	Material #	Trans. Angle (deg)	Avg. Shell Thickness
151	76	75	75	75	22	0.00	7.500
152	85	76	76	76	22	0.00	7.500
153	89	85	85	85	22	0.00	7.500
154	102	89	89	89	22	0.00	7.500
155	105	102	102	102	22	0.00	7.500
156	108	105	105	105	22	0.00	7.500
157	109	108	108	108	22	0.00	7.500
158	112	109	109	109	22	0.00	7.500
159	114	112	112	112	22	0.00	7.500
160	115	114	114	114	22	0.00	7.500
161	116	115	115	115	21	0.00	7.750
162	118	116	116	116	20	0.00	8.000
163	119	118	118	118	25	0.00	8.000
164	121	119	119	119	25	0.00	8.000
165	122	121	121	121	1	0.00	8.000
166	123	122	122	122	3	0.00	7.500
167	124	123	123	123	4	0.00	6.500
168	125	124	124	124	5	0.00	5.500
169	126	125	125	125	6	0.00	5.000
170	127	126	126	126	6	0.00	5.000
171	128	127	127	127	6	0.00	5.000
172	129	128	128	128	6	0.00	5.000
173	130	129	129	129	11	0.00	4.750
174	131	130	130	130	12	0.00	4.500
175	132	131	131	131	13	0.00	4.000
176	133	132	132	132	14	0.00	3.500
177	134	133	133	133	15	0.00	3.250
178	135	134	134	134	16	0.00	3.000
179	136	135	135	135	16	0.00	3.000
180	137	136	136	136	17	0.00	2.750
181	138	137	137	137	18	0.00	2.500
182	139	138	138	138	19	0.00	2.250
183	60	52	51	51	7	0.00	

***** # of Equations **** 556
Band width 34

MAX. DIMENSION OF D --------- 60000
MIN. DIM. FOR LDCALC/FORMK -- 49464

MAX. DIMENSION OF D --------- 60000
MIN. DIM. FOR BANEIG -------- 51674

EIGEN VALUES BEFORE REARRANGEMENT

	EIGEN VALUE
1	0.5530E+03
2	0.1051E+04
3	0.1513E+04
4	0.1615E+04
5	0.2309E+04
6	0.2721E+04
7	0.3171E+04
8	0.4002E+04
9	0.4359E+04
10	0.4738E+04

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VALUES FOR FOURIER TERM N = 1

MODE NO	FREQUENCY	TIME PERIOD	CYCLES PER SEC.
1	0.23515E+02	0.26720E+00	0.37426E+01
2	0.32426E+02	0.19377E+00	0.51608E+01
3	0.38893E+02	0.16155E+00	0.61900E+01
4	0.40183E+02	0.15636E+00	0.63954E+01
5	0.48053E+02	0.13075E+00	0.76430E+01
6	0.52164E+02	0.12045E+00	0.83022E+01
7	0.56313E+02	0.11158E+00	0.89625E+01
8	0.63265E+02	0.99316E-01	0.10069E+02
9	0.66019E+02	0.95172E-01	0.10507E+02
10	0.68830E+02	0.91286E-01	0.10955E+02

THE FREQUENCY OF MODE NUMBER, 1 IS = 0.2352E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	0.1096E-02	-0.1146E-05	-0.1106E-02	0.0000E+00
3	0.2074E-02	0.2976E-05	-0.2074E-02	0.0000E+00
4	0.2329E-02	0.3400E-05	-0.2323E-02	0.0000E+00
5	0.2685E-02	-0.3342E-06	-0.2684E-02	0.0000E+00
6	0.2934E-02	0.2099E-06	-0.2934E-02	0.0000E+00
7	0.2689E-02	0.2230E-04	-0.2691E-02	0.0000E+00
8	0.2942E-02	0.1866E-04	-0.2945E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	0.1084E-02	0.1195E-04	-0.1084E-02	0.0000E+00
11	0.2055E-02	0.2812E-04	-0.2059E-02	0.0000E+00
12	0.2318E-02	0.3442E-04	-0.2324E-02	0.0000E+00
13	0.2695E-02	0.3335E-04	-0.2702E-02	0.0000E+00
14	0.2961E-02	0.2907E-04	-0.2973E-02	0.0000E+00
15	0.2713E-02	0.5653E-04	-0.2742E-02	0.0000E+00
16	0.2991E-02	0.4614E-04	-0.3022E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	0.1062E-02	0.2105E-04	-0.1084E-02	0.0000E+00
19	0.2042E-02	0.5261E-04	-0.2079E-02	0.0000E+00
20	0.2323E-02	0.6592E-04	-0.2361E-02	0.0000E+00
21	0.2731E-02	0.6565E-04	-0.2778E-02	0.0000E+00
22	0.3036E-02	0.5732E-04	-0.3092E-02	0.0000E+00
23	0.2758E-02	0.8948E-04	-0.2833E-02	0.0000E+00
24	0.3096E-02	0.7182E-04	-0.3189E-02	0.0000E+00
25	0.3132E-02	0.9023E-04	-0.3249E-02	0.0000E+00
26	0.3153E-02	0.9329E-04	-0.3285E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	0.1031E-02	0.1807E-04	-0.1059E-02	0.0000E+00
29	0.2008E-02	0.5380E-04	-0.2058E-02	0.0000E+00
30	0.2309E-02	0.7513E-04	-0.2366E-02	0.0000E+00
31	0.2769E-02	0.9431E-04	-0.2871E-02	0.0000E+00
32	0.3174E-02	0.9310E-04	-0.3323E-02	0.0000E+00
33	0.2768E-02	0.9685E-04	-0.2875E-02	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	0.1021E-02	0.1227E-04	-0.1041E-02	0.0000E+00
36	0.1993E-02	0.4041E-04	-0.2029E-02	0.0000E+00
37	0.2295E-02	0.5763E-04	-0.2333E-02	0.0000E+00
38	0.2767E-02	0.8210E-04	-0.2868E-02	0.0000E+00
39	0.3202E-02	0.9946E-04	-0.3380E-02	0.0000E+00
40	0.3197E-02	0.9921E-04	-0.3368E-02	0.0000E+00

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41	0.3191E-02	0.9892E-04	-0.3356E-02	0.0000E+00
42	0.3185E-02	0.9826E-04	-0.3342E-02	0.0000E+00
43	0.2265E-02	0.2718E-04	-0.2223E-02	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	0.9804E-03	-0.2161E-05	-0.9350E-03	0.0000E+00
46	0.1926E-02	0.6366E-05	-0.1818E-02	0.0000E+00
47	0.3204E-02	0.9946E-04	-0.3384E-02	0.0000E+00
48	0.3204E-02	0.9947E-04	-0.3385E-02	0.0000E+00
49	0.2765E-02	0.7706E-04	-0.2061E-02	0.0000E+00
50	0.3206E-02	0.1004E-03	-0.3395E-02	0.0000E+00
51	0.2726E-02	0.4769E-04	-0.2693E-02	0.0000E+00
52	0.3135E-02	0.1073E-03	-0.3119E-02	0.0000E+00
53	0.3202E-02	0.9918E-04	-0.3380E-02	0.0000E+00
54	0.2213E-02	0.1940E-04	-0.2085E-02	0.0000E+00
55	0.2660E-02	0.4410E-04	-0.2508E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	0.9295E-03	-0.1943E-04	-0.7946E-03	0.0000E+00
58	0.1827E-02	-0.1267E-04	-0.1564E-02	0.0000E+00
59	0.3026E-02	0.7839E-04	-0.2861E-02	0.0000E+00
60	0.3105E-02	0.9922E-04	-0.3038E-02	0.0000E+00
61	0.3207E-02	0.1011E-03	-0.3401E-02	0.0000E+00
62	0.2101E-02	-0.1122E-04	-0.1790E-02	0.0000E+00
63	0.2504E-02	0.3757E-05	-0.2130E-02	0.0000E+00
64	0.3155E-02	0.1090E-03	-0.3144E-02	0.0000E+00
65	0.3207E-02	0.1018E-03	-0.5407E-02	0.0000E+00
66	0.3212E-02	0.1031E-03	-0.3419E-02	0.0000E+00
67	0.3217E-02	0.1043E-03	-0.3432E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	0.8865E-03	-0.2325E-04	-0.6606E-03	0.0000E+00
70	0.1715E-02	-0.4591E-04	-0.1290E-02	0.0000E+00
71	0.2371E-02	0.2124E-04	-0.2443E-02	0.0000E+00
72	0.3162E-02	0.1117E-03	-0.3099E-02	0.0000E+00
73	0.2343E-02	-0.4251E-04	-0.1758E-02	0.0000E+00
74	0.3265E-02	0.1201E-03	-0.3198E-02	0.0000E+00
75	0.3221E-02	0.1053E-03	-0.3444E-02	0.0000E+00
76	0.3246E-02	0.1069E-03	-0.3465E-02	0.0000E+00
77	0.2672E-02	-0.2400E-04	-0.1995E-02	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	0.8502E-03	-0.3690E-04	-0.5419E-03	0.0000E+00
80	0.1610E-02	-0.6862E-04	-0.1021E-02	0.0000E+00
81	0.1826E-02	-0.8369E-04	-0.1157E-02	0.0000E+00
82	0.2157E-02	-0.7635E-04	-0.1365E-02	0.0000E+00
83	0.3200E-02	0.5126E-04	-0.2733E-02	0.0000E+00
84	0.2815E-02	-0.2970E-04	-0.1871E-02	0.0000E+00
85	0.3299E-02	0.1091E-03	-0.3492E-02	0.0000E+00
86	0.3379E-02	0.1209E-03	-0.3313E-02	0.0000E+00
87	0.2459E-02	-0.6535E-04	-0.1562E-02	0.0000E+00
88	0.3320E-02	0.9047E-04	-0.3037E-02	0.0000E+00
89	0.3348E-02	0.1108E-03	-0.3519E-02	0.0000E+00
90	0.1814E-02	-0.5227E-04	-0.7631E-03	0.0000E+00
91	0.1977E-02	-0.3860E-04	-0.8035E-03	0.0000E+00
92	0.2087E-02	-0.2404E-04	-0.8456E-03	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.6598E-03	0.0000E+00	-0.9313E-04	0.0000E+00
95	0.1224E-02	0.0000E+00	-0.1948E-03	0.0000E+00
96	0.1351E-02	0.0000E+00	-0.2031E-03	0.0000E+00
97	0.1536E-02	0.0000E+00	-0.2586E-03	0.0000E+00
98	0.1607E-02	0.0000E+00	-0.2817E-03	0.0000E+00
99	0.1765E-02	-0.2763E-04	-0.5469E-03	0.0000E+00
100	0.2257E-02	-0.2236E-04	-0.1025E-02	0.0000E+00

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101	0.3099E-02	0.1349E-04	-0.2021E-02	0.0000E+00
102	0.3474E-02	0.1127E-03	-0.3558E-02	0.0000E+00
103	0.3393E-02	0.7252E-04	-0.2837E-02	0.0000E+00
104	0.3572E-02	0.1252E-03	-0.3460E-02	0.0000E+00
105	0.3580E-02	0.1143E-03	-0.3594E-02	0.0000E+00
106	0.3527E-02	0.9277E-04	-0.2995E-02	0.0000E+00
107	0.3720E-02	0.1341E-03	-0.3567E-02	0.0000E+00
108	0.3671E-02	0.1150E-03	-0.3626E-02	0.0000E+00
109	0.3745E-02	0.1153E-03	-0.3655E-02	0.0000E+00
110	0.3709E-02	0.1272E-03	-0.3118E-02	0.0000E+00
111	0.3831E-02	0.1458E-03	-0.3646E-02	0.0000E+00
112	0.3805E-02	0.1151E-03	-0.3679E-02	0.0000E+00
113	0.3776E-02	0.1276E-03	-0.3257E-02	0.0000E+00
114	0.3850E-02	0.1142E-03	-0.3698E-02	0.0000E+00
115	0.3831E-02	0.1130E-03	-0.3712E-02	0.0000E+00
116	0.3896E-02	0.1116E-03	-0.3720E-02	0.0000E+00
117	0.3876E-02	0.1467E-03	-0.3680E-02	0.0000E+00
118	0.3896E-02	0.1108E-03	-0.3722E-02	0.0000E+00
119	0.3895E-02	0.1094E-03	-0.3722E-02	0.0000E+00
120	0.3901E-02	0.1458E-03	-0.3703E-02	0.0000E+00
121	0.3891E-02	0.1073E-03	-0.3720E-02	0.0000E+00
122	0.3891E-02	0.1055E-03	-0.3724E-02	0.4610E-06
123	0.3890E-02	0.1014E-03	-0.3726E-02	0.8409E-06
124	0.3887E-02	0.9482E-04	-0.3728E-02	0.1305E-05
125	0.3883E-02	0.8497E-04	-0.3731E-02	0.1906E-05
126	0.3872E-02	0.6095E-04	-0.3735E-02	0.2766E-05
127	0.3858E-02	0.3079E-04	-0.3739E-02	0.3158E-05
128	0.3827E-02	-0.3885E-04	-0.3746E-02	0.2962E-05
129	0.3803E-02	-0.9597E-04	-0.3754E-02	0.2161E-05
130	0.3787E-02	-0.1374E-03	-0.3761E-02	0.1047E-05
131	0.3784E-02	-0.1485E-03	-0.3773E-02	-0.3566E-06
132	0.3795E-02	-0.1177E-03	-0.3784E-02	-0.8744E-06
133	0.3805E-02	-0.8000E-04	-0.3794E-02	-0.7484E-06
134	0.3811E-02	-0.5488E-04	-0.3802E-02	-0.4301E-06
135	0.3814E-02	-0.4160E-04	-0.3809E-02	-0.2655E-06
136	0.3816E-02	-0.2941E-04	-0.3814E-02	-0.3115E-06
137	0.3817E-02	-0.1643E-04	-0.3817E-02	-0.3102E-06
138	0.3818E-02	-0.2543E-05	-0.3818E-02	-0.3350E-06
139	0.3818E-02	-0.3090E-06	-0.3819E-02	-0.3101E-06

THE FREQUENCY OF MODE NUMBER, 2 IS = 0.3243E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	-0.6701E-03	0.3144E-05	0.6387E-03	0.0000E+00
3	-0.1200E-02	0.1648E-05	0.1208E-02	0.0000E+00
4	-0.1320E-02	-0.2520E-05	0.1350E-02	0.0000E+00
5	-0.1487E-02	-0.4730E-05	0.1491E-02	0.0000E+00
6	-0.1574E-02	0.4379E-06	0.1574E-02	0.0000E+00
7	-0.1490E-02	0.5539E-05	0.1470E-02	0.0000E+00
8	-0.1573E-02	0.1416E-04	0.1563E-03	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	-0.6154E-03	0.9812E-06	0.5927E-03	0.0000E+00
11	-0.1157E-02	0.2943E-05	0.1115E-02	0.0000E+00
12	-0.1304E-02	0.6645E-05	0.1256E-02	0.0000E+00
13	-0.1482E-02	0.2007E-04	0.1428E-02	0.0000E+00
14	-0.1579E-02	0.3445E-04	0.1533E-02	0.0000E+00
15	-0.1479E-02	0.4193E-04	0.1373E-02	0.0000E+00

16	-0.1589E-02	0.6371E-04	0.1485E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.5894E-03	0.1315E-04	0.4945E-03	0.0000E+00
19	-0.1120E-02	0.3773E-04	0.9545E-03	0.0000E+00
20	-0.1275E-02	0.5136E-04	0.1095E-02	0.0000E+00
21	-0.1471E-02	0.7595E-04	0.1285E-02	0.0000E+00
22	-0.1603E-02	0.1010E-03	0.1421E-02	0.0000E+00
23	-0.1462E-02	0.1264E-03	0.1166E-02	0.0000E+00
24	-0.1624E-02	0.1713E-03	0.1346E-02	0.0000E+00
25	-0.1636E-02	0.2141E-03	0.1305E-02	0.0000E+00
26	-0.1644E-02	0.2393E-03	0.1284E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.5648E-03	0.3340E-04	0.2987E-03	0.0000E+00
29	-0.1081E-02	0.9840E-04	0.6154E-03	0.0000E+00
30	-0.1234E-02	0.1358E-03	0.7507E-03	0.0000E+00
31	-0.1463E-02	0.1952E-03	0.1002E-02	0.0000E+00
32	-0.1652E-02	0.2726E-03	0.1263E-02	0.0000E+00
33	-0.1463E-02	0.2060E-03	0.9295E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.5571E-03	0.3856E-04	0.2138E-03	0.0000E+00
36	-0.1069E-02	0.1083E-03	0.4659E-03	0.0000E+00
37	-0.1219E-02	0.1548E-03	0.5733E-03	0.0000E+00
38	-0.1460E-02	0.2179E-03	0.8498E-03	0.0000E+00
39	-0.1659E-02	0.2768E-03	0.1213E-02	0.0000E+00
40	-0.1657E-02	0.2762E-03	0.1224E-02	0.0000E+00
41	-0.1656E-02	0.2756E-03	0.1235E-02	0.0000E+00
42	-0.1655E-02	0.2748E-03	0.1249E-02	0.0000E+00
43	-0.1176E-02	0.1564E-03	0.1575E-03	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.4959E-03	0.3703E-04	-0.1874E-03	0.0000E+00
46	-0.9538E-03	0.1118E-03	-0.3104E-03	0.0000E+00
47	-0.1658E-02	0.2768E-03	0.1203E-02	0.0000E+00
48	-0.1659E-02	0.2769E-03	0.1210E-02	0.0000E+00
49	-0.1459E-02	0.2214E-03	0.3184E-03	0.0000E+00
50	-0.1660E-02	0.2790E-03	0.1219E-02	0.0000E+00
51	-0.1411E-02	0.2137E-03	0.3253E-03	0.0000E+00
52	-0.1600E-02	0.2519E-03	0.5437E-03	0.0000E+00
53	-0.1656E-02	0.2756E-03	0.1140E-02	0.0000E+00
54	-0.1089E-02	0.1497E-03	-0.3100E-03	0.0000E+00
55	-0.1313E-02	0.2040E-03	-0.2700E-03	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.3931E-03	0.3782E-04	-0.6667E-03	0.0000E+00
58	-0.7672E-03	0.1081E-03	-0.1166E-02	0.0000E+00
59	-0.1483E-02	0.2584E-03	-0.2093E-03	0.0000E+00
60	-0.1573E-02	0.2500E-03	0.3281E-03	0.0000E+00
61	-0.1661E-02	0.2801E-03	0.1223E-02	0.0000E+00
62	-0.8783E-03	0.1541E-03	-0.1319E-02	0.0000E+00
63	-0.1049E-02	0.2195E-03	-0.1505E-02	0.0000E+00
64	-0.1609E-02	0.2570E-03	0.5414E-03	0.0000E+00
65	-0.1661E-02	0.2311E-03	0.1228E-02	0.0000E+00
66	-0.1664E-02	0.2331E-03	0.1236E-02	0.0000E+00
67	-0.1667E-02	0.2354E-03	0.1244E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.2901E-03	0.2789E-04	-0.1032E-02	0.0000E+00
70	-0.5454E-03	0.1095E-03	-0.1933E-02	0.0000E+00
71	-0.1220E-02	0.2940E-03	-0.1618E-02	0.0000E+00
72	-0.1604E-02	0.2573E-03	0.3455E-03	0.0000E+00
73	-0.7527E-03	0.2223E-03	-0.2531E-02	0.0000E+00
74	-0.1564E-02	0.2794E-03	0.3634E-03	0.0000E+00
75	-0.1669E-02	0.2375E-03	0.1252E-02	0.0000E+00

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76	-0.1684E-02	0.2921E-03	0.1257E-02	0.0000E+00
77	-0.8767E-03	0.2944E-03	-0.2791E-02	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.1399E-03	0.2464E-04	-0.1388E-02	0.0000E+00
80	-0.3263E-03	0.9956E-04	-0.2639E-02	0.0000E+00
81	-0.3601E-03	0.1479E-03	-0.2981E-02	0.0000E+00
82	-0.4369E-03	0.2110E-03	-0.3400E-02	0.0000E+00
83	-0.1379E-02	0.3799E-03	-0.1651E-02	0.0000E+00
84	-0.7390E-03	0.3769E-03	-0.3745E-02	0.0000E+00
85	-0.1716E-02	0.2981E-03	0.1288E-02	0.0000E+00
86	-0.1723E-02	0.3141E-03	0.4087E-03	0.0000E+00
87	-0.5218E-03	0.2854E-03	-0.3733E-02	0.0000E+00
88	-0.1587E-02	0.3431E-03	-0.5938E-03	0.0000E+00
89	-0.1746E-02	0.3042E-03	0.1309E-02	0.0000E+00
90	0.9569E-04	0.1252E-03	-0.4082E-02	0.0000E+00
91	0.1131E-03	0.1769E-03	-0.4426E-02	0.0000E+00
92	0.1021E-03	0.2200E-03	-0.4566E-02	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.2598E-03	0.0000E+00	-0.2031E-02	0.0000E+00
95	0.4600E-03	0.0000E+00	-0.3721E-02	0.0000E+00
96	0.5147E-03	0.0000E+00	-0.4121E-02	0.0000E+00
97	0.5686E-03	0.0000E+00	-0.4494E-02	0.0000E+00
98	0.6182E-03	0.0000E+00	-0.4607E-02	0.0000E+00
99	0.3451E-03	0.1097E-03	-0.4478E-02	0.0000E+00
100	-0.2709E-04	0.2694E-03	-0.4546E-02	0.0000E+00
101	-0.8618E-03	0.4901E-03	-0.3826E-02	0.0000E+00
102	-0.1824E-02	0.3136E-03	0.1341E-02	0.0000E+00
103	-0.1482E-02	0.4406E-03	-0.1660E-02	0.0000E+00
104	-0.1845E-02	0.3631E-03	0.4855E-03	0.0000E+00
105	-0.1392E-02	0.3229E-03	0.1373E-02	0.0000E+00
106	-0.1558E-02	0.4996E-03	-0.1609E-02	0.0000E+00
107	-0.1939E-02	0.4043E-03	0.5619E-03	0.0000E+00
108	-0.1950E-02	0.3324E-03	0.1405E-02	0.0000E+00
109	-0.1998E-02	0.3417E-03	0.1436E-02	0.0000E+00
110	-0.1687E-02	0.5926E-03	-0.1451E-02	0.0000E+00
111	-0.2016E-02	0.4458E-03	0.6447E-03	0.0000E+00
112	-0.2038E-02	0.3508E-03	0.1467E-02	0.0000E+00
113	-0.1806E-02	0.5870E-03	-0.9947E-03	0.0000E+00
114	-0.2068E-02	0.3598E-03	0.1496E-02	0.0000E+00
115	-0.2088E-02	0.3682E-03	0.1524E-02	0.0000E+00
116	-0.2097E-02	0.3759E-03	0.1551E-02	0.0000E+00
117	-0.2053E-02	0.4913E-03	0.7344E-03	0.0000E+00
118	-0.2097E-02	0.3794E-03	0.1564E-02	0.0000E+00
119	-0.2093E-02	0.3844E-03	0.1583E-02	0.0000E+00
120	-0.2103E-02	0.5469E-03	0.8665E-03	0.0000E+00
121	-0.2090E-02	0.3910E-03	0.1608E-02	0.0000E+00
122	-0.2089E-02	0.3967E-03	0.1619E-02	-0.1417E-05
123	-0.2084E-02	0.4091E-03	0.1628E-02	-0.2587E-05
124	-0.2077E-02	0.4293E-03	0.1637E-02	-0.4607E-05
125	-0.2063E-02	0.4594E-03	0.1647E-02	-0.5828E-05
126	-0.2028E-02	0.5323E-03	0.1664E-02	-0.8363E-05
127	-0.1985E-02	0.6226E-03	0.1679E-02	-0.9403E-05
128	-0.1894E-02	0.8257E-03	0.1712E-02	-0.8428E-05
129	-0.1829E-02	0.9819E-03	0.1742E-02	-0.5593E-05
130	-0.1793E-02	0.1076E-02	0.1774E-02	-0.1775E-05
131	-0.1806E-02	0.1043E-02	0.1823E-02	0.2538E-05
132	-0.1855E-02	0.8848E-03	0.1865E-02	0.3982E-05
133	-0.1902E-02	0.7110E-03	0.1903E-02	0.3618E-05
134	-0.1934E-02	0.5620E-03	0.1932E-02	0.3109E-05
135	-0.1957E-02	0.4262E-03	0.1956E-02	0.2979E-05

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136	-0.1973E-02	0.2924E-05	0.1973E-02	0.2976E-05
137	-0.1983E-02	0.1615E-05	0.1983E-02	0.2978E-05
138	-0.1990E-02	0.2394E-04	0.1990E-02	0.3002E-05
139	-0.1990E-02	0.2987E-05	0.1990E-02	0.2988E-05

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THE FREQUENCY OF MODE NUMBER, 3 IS = 0.2839E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	-0.1632E-02	0.2509E-04	0.1631E-02	0.0000E+00
3	-0.2446E-02	0.4863E-04	0.2390E-02	0.0000E+00
4	-0.2373E-02	0.4662E-04	0.2300E-02	0.0000E+00
5	-0.2097E-02	0.2326E-04	0.2090E-02	0.0000E+00
6	-0.1652E-02	-0.3998E-05	0.1652E-02	0.0000E+00
7	-0.2053E-02	-0.2792E-03	0.2039E-02	0.0000E+00
8	-0.1643E-02	-0.3097E-03	0.1664E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	-0.1640E-02	-0.1842E-03	0.1630E-02	0.0000E+00
11	-0.2365E-02	-0.3700E-03	0.2387E-02	0.0000E+00
12	-0.2221E-02	-0.4645E-03	0.2305E-02	0.0000E+00
13	-0.2008E-02	-0.5693E-03	0.2099E-02	0.0000E+00
14	-0.1614E-02	-0.6463E-03	0.1717E-02	0.0000E+00
15	-0.1986E-02	-0.1108E-02	0.2180E-02	0.0000E+00
16	-0.1575E-02	-0.1170E-02	0.1809E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.1435E-02	-0.5176E-03	0.1637E-02	0.0000E+00
19	-0.2139E-02	-0.1169E-02	0.2444E-02	0.0000E+00
20	-0.2023E-02	-0.1466E-02	0.2375E-02	0.0000E+00
21	-0.1944E-02	-0.1654E-02	0.2266E-02	0.0000E+00
22	-0.1532E-02	-0.1753E-02	0.1945E-02	0.0000E+00
23	-0.1933E-02	-0.2670E-02	0.2409E-02	0.0000E+00
24	-0.1492E-02	-0.2875E-02	0.2132E-02	0.0000E+00
25	-0.1433E-02	-0.3673E-02	0.2248E-02	0.0000E+00
26	-0.1478E-02	-0.4065E-02	0.2318E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.8020E-03	-0.9165E-03	0.1526E-02	0.0000E+00
29	-0.1308E-02	-0.2209E-02	0.2362E-02	0.0000E+00
30	-0.1360E-02	-0.2893E-02	0.2360E-02	0.0000E+00
31	-0.1503E-02	-0.3699E-02	0.2492E-02	0.0000E+00
32	-0.1461E-02	-0.4540E-02	0.2391E-02	0.0000E+00
33	-0.1324E-02	-0.3920E-02	0.2507E-02	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.5232E-03	-0.9407E-03	0.1453E-02	0.0000E+00
36	-0.9076E-03	-0.2322E-02	0.2264E-02	0.0000E+00
37	-0.1003E-02	-0.3057E-02	0.2267E-02	0.0000E+00
38	-0.1173E-02	-0.3960E-02	0.2490E-02	0.0000E+00
39	-0.1470E-02	-0.4660E-02	0.2584E-02	0.0000E+00
40	-0.1470E-02	-0.4649E-02	0.2547E-02	0.0000E+00
41	-0.1469E-02	-0.4636E-02	0.2512E-02	0.0000E+00
42	-0.1469E-02	-0.4615E-02	0.2454E-02	0.0000E+00
43	-0.3831E-03	-0.2838E-02	0.1978E-02	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	0.3204E-03	-0.8242E-03	0.1027E-02	0.0000E+00
46	0.3107E-02	-0.1949E-02	0.1609E-02	0.0000E+00
47	-0.1469E-02	-0.4660E-02	0.2600E-02	0.0000E+00
48	-0.1470E-02	-0.4661E-02	0.2596E-02	0.0000E+00
49	-0.1120E-02	-0.3949E-02	0.2474E-02	0.0000E+00
50	-0.1471E-02	-0.4684E-02	0.2556E-02	0.0000E+00

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51	-0.6076E-03	-0.3614E-02	0.2135E-02	0.0000E+00
52	-0.1046E-02	-0.4377E-02	0.2150E-02	0.0000E+00
53	-0.1468E-02	-0.4644E-02	0.2616E-02	0.0000E+00
54	0.1316E-03	-0.2541E-02	0.1616E-02	0.0000E+00
55	-0.6053E-04	-0.3257E-02	0.1719E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	0.8982E-03	-0.5021E-03	0.5755E-03	0.0000E+00
58	0.1133E-02	-0.1376E-02	0.9011E-03	0.0000E+00
59	-0.4052E-03	-0.3913E-02	0.1661E-02	0.0000E+00
60	-0.8667E-03	-0.4265E-02	0.2010E-02	0.0000E+00
61	-0.1471E-02	-0.4693E-02	0.2533E-02	0.0000E+00
62	0.1073E-02	-0.1823E-02	0.8803E-03	0.0000E+00
63	0.9146E-03	-0.2383E-02	0.9027E-03	0.0000E+00
64	-0.1050E-02	-0.4428E-02	0.2119E-02	0.0000E+00
65	-0.1471E-02	-0.4711E-02	0.2519E-02	0.0000E+00
66	-0.1473E-02	-0.4736E-02	0.2431E-02	0.0000E+00
67	-0.1474E-02	-0.4763E-02	0.2443E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	0.1065E-02	-0.3609E-03	0.2381E-03	0.0000E+00
70	0.1727E-02	-0.8332E-03	0.3758E-03	0.0000E+00
71	0.6665E-03	-0.2995E-02	0.8480E-03	0.0000E+00
72	-0.9297E-03	-0.4408E-02	0.1980E-02	0.0000E+00
73	0.1673E-02	-0.1491E-02	0.3264E-03	0.0000E+00
74	-0.1006E-02	-0.4637E-02	0.1880E-02	0.0000E+00
75	-0.1475E-02	-0.4786E-02	0.2404E-02	0.0000E+00
76	-0.1480E-02	-0.4830E-02	0.2321E-02	0.0000E+00
77	0.1491E-02	-0.1816E-02	0.2391E-03	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	0.1214E-02	-0.1290E-03	-0.1460E-04	0.0000E+00
80	0.1987E-02	-0.3273E-03	-0.8514E-04	0.0000E+00
81	0.2097E-02	-0.4451E-03	-0.1239E-03	0.0000E+00
82	0.2040E-02	-0.6511E-03	-0.1303E-03	0.0000E+00
83	0.2416E-03	-0.3587E-02	0.6737E-03	0.0000E+00
84	0.1346E-02	-0.1306E-02	-0.1847E-03	0.0000E+00
85	-0.1494E-02	-0.4887E-02	0.2209E-02	0.0000E+00
86	-0.1071E-02	-0.4900E-02	0.1716E-02	0.0000E+00
87	-0.1872E-02	-0.8662E-03	-0.1604E-03	0.0000E+00
88	-0.4121E-03	-0.4293E-02	0.1209E-02	0.0000E+00
89	-0.1499E-02	-0.4940E-02	0.2096E-02	0.0000E+00
90	0.2343E-02	-0.2822E-03	-0.3013E-04	0.0000E+00
91	0.2343E-02	-0.3464E-03	-0.7320E-04	0.0000E+00
92	0.2263E-02	-0.4152E-03	-0.8335E-04	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.1094E-02	0.0000E+00	0.8134E-04	0.0000E+00
95	0.1965E-03	0.0000E+00	0.1463E-03	0.0000E+00
96	0.2135E-02	0.0000E+00	0.1568E-03	0.0000E+00
97	0.2234E-02	0.0000E+00	0.1797E-03	0.0000E+00
98	0.2202E-02	0.0000E+00	0.1926E-03	0.0000E+00
99	0.2346E-02	-0.1992E-03	0.6016E-04	0.0000E+00
100	0.2187E-02	-0.5589E-03	-0.1467E-03	0.0000E+00
101	0.5327E-03	-0.1611E-02	-0.3222E-03	0.0000E+00
102	-0.1530E-02	-0.5014E-02	0.1921E-02	0.0000E+00
103	-0.5843E-04	-0.3896E-02	0.5221E-03	0.0000E+00
104	-0.1166E-02	-0.5264E-02	0.1443E-02	0.0000E+00
105	-0.1520E-02	-0.5077E-02	0.1740E-02	0.0000E+00
106	-0.4653E-03	-0.4111E-02	0.3489E-03	0.0000E+00
107	-0.1227E-02	-0.5519E-02	0.1114E-02	0.0000E+00
108	-0.1523E-02	-0.5134E-02	0.1554E-02	0.0000E+00
109	-0.1499E-02	-0.5160E-02	0.1361E-02	0.0000E+00
110	-0.1236E-02	-0.4335E-02	0.1343E-04	0.0000E+00

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111	-0.1350E-02	-0.5589E-02	0.7806E-03	0.0000E+00
112	-0.1484E-02	-0.5218E-02	0.1162E-02	0.0000E+00
113	-0.1353E-02	-0.4590E-02	-0.4267E-04	0.0000E+00
114	-0.1443E-02	-0.5242E-02	0.9562E-03	0.0000E+00
115	-0.1393E-02	-0.5258E-02	0.7433E-03	0.0000E+00
116	-0.1341E-02	-0.5262E-02	0.5218E-03	0.0000E+00
117	-0.1365E-02	-0.5673E-02	0.3911E-03	0.0000E+00
118	-0.1332E-02	-0.5261E-02	0.4093E-03	0.0000E+00
119	-0.1293E-02	-0.5254E-02	0.2139E-03	0.0000E+00
120	-0.1412E-02	-0.5605E-02	-0.1055E-03	0.0000E+00
121	-0.1233E-02	-0.5240E-02	-0.2643E-04	0.0000E+00
122	-0.1229E-02	-0.5223E-02	-0.2363E-04	-0.4325E-05
123	-0.1214E-02	-0.5185E-02	-0.3135E-04	-0.8145E-05
124	-0.1188E-02	-0.5120E-02	-0.3398E-04	-0.1306E-04
125	-0.1141E-02	-0.5021E-02	-0.5073E-04	-0.1979E-04
126	-0.1018E-02	-0.4766E-02	-0.7148E-04	-0.3019E-04
127	-0.8556E-03	-0.4432E-02	-0.9362E-04	-0.3585E-04
128	-0.4799E-03	-0.3605E-02	-0.1398E-03	-0.3714E-04
129	-0.1545E-03	-0.2847E-02	-0.1852E-03	-0.3116E-04
130	0.1154E-03	-0.2169E-02	-0.2360E-03	-0.2113E-04
131	0.3305E-03	-0.1558E-02	-0.3140E-03	-0.7967E-05
132	0.3929E-03	-0.1357E-02	-0.3810E-03	-0.2578E-05
133	0.4242E-03	-0.1245E-02	-0.4376E-03	-0.2978E-05
134	0.4623E-03	-0.1068E-02	-0.4318E-03	-0.4794E-05
135	0.5041E-03	-0.8171E-03	-0.5161E-03	-0.5924E-05
136	0.5369E-03	-0.5506E-03	-0.5417E-03	-0.5771E-05
137	0.5549E-03	-0.3002E-03	-0.5562E-03	-0.5575E-05
138	0.5668E-03	-0.4399E-04	-0.5667E-03	-0.5489E-05
139	0.5668E-03	-0.5503E-05	-0.5668E-03	-0.5503E-05

THE FREQUENCY OF MODE NUMBER, 4 IS = 0.4018E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	0.8221E-03	-0.6080E-05	-0.7753E-03	0.0000E+00
3	0.1407E-02	-0.1457E-05	-0.1423E-02	0.0000E+00
4	0.1510E-02	0.5778E-05	-0.1558E-02	0.0000E+00
5	0.1636E-02	0.8348E-05	-0.1641E-02	0.0000E+00
6	0.1647E-02	-0.6461E-06	-0.1648E-02	0.0000E+00
7	0.1633E-02	0.1833E-05	-0.1599E-02	0.0000E+00
8	0.1642E-02	-0.3910E-05	-0.1625E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	0.7189E-03	0.3949E-07	-0.6766E-03	0.0000E+00
11	0.1317E-02	0.3572E-05	-0.1241E-02	0.0000E+00
12	0.1463E-02	0.1545E-05	-0.1376E-02	0.0000E+00
13	0.1609E-02	-0.1360E-04	-0.1518E-02	0.0000E+00
14	0.1641E-02	-0.3058E-04	-0.1565E-02	0.0000E+00
15	0.1587E-02	-0.3988E-04	-0.1407E-02	0.0000E+00
16	0.1641E-02	-0.6603E-04	-0.1470E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	0.6544E-03	-0.1754E-04	-0.4933E-03	0.0000E+00
19	0.1220E-02	-0.4326E-04	-0.9423E-03	0.0000E+00
20	0.1378E-02	-0.5791E-04	-0.1075E-02	0.0000E+00
21	0.1534E-02	-0.8466E-04	-0.1243E-02	0.0000E+00
22	0.1643E-02	-0.1135E-03	-0.1344E-02	0.0000E+00
23	0.1514E-02	-0.1507E-03	-0.1023E-02	0.0000E+00
24	0.1643E-02	-0.2066E-03	-0.1193E-02	0.0000E+00
25	0.1652E-02	-0.2627E-03	-0.1111E-02	0.0000E+00

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26	0.1655E-02	-0.2964E-03	-0.1069E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	0.5830E-03	-0.4639E-04	-0.1616E-03	0.0000E+00
29	0.1106E-02	-0.1269E-03	-0.3800E-03	0.0000E+00
30	0.1257E-02	-0.1721E-03	-0.4982E-03	0.0000E+00
31	0.1422E-02	-0.2440E-03	-0.7484E-03	0.0000E+00
32	0.1653E-02	-0.3411E-03	-0.1023E-02	0.0000E+00
33	0.1471E-02	-0.2561E-03	-0.6342E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	0.5594E-03	-0.5510E-04	-0.3183E-04	0.0000E+00
36	0.1068E-02	-0.1383E-03	-0.1463E-03	0.0000E+00
37	0.1212E-02	-0.1955E-03	-0.2320E-03	0.0000E+00
38	0.1457E-02	-0.2713E-03	-0.5128E-03	0.0000E+00
39	0.1658E-02	-0.3482E-03	-0.9316E-03	0.0000E+00
40	0.1658E-02	-0.3472E-03	-0.9522E-03	0.0000E+00
41	0.1658E-02	-0.3464E-03	-0.9725E-03	0.0000E+00
42	0.1659E-02	-0.3453E-03	-0.9968E-03	0.0000E+00
43	0.1112E-02	-0.1892E-03	0.3590E-03	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	0.4231E-03	-0.4802E-04	0.5326E-03	0.0000E+00
46	0.8261E-03	-0.1313E-03	0.9247E-03	0.0000E+00
47	0.1657E-02	-0.3481E-03	-0.9153E-03	0.0000E+00
48	0.1658E-02	-0.3482E-03	-0.9251E-03	0.0000E+00
49	0.1453E-02	-0.2760E-03	-0.4663E-03	0.0000E+00
50	0.1659E-02	-0.3516E-03	-0.9362E-03	0.0000E+00
51	0.1351E-02	-0.2533E-03	0.2339E-03	0.0000E+00
52	0.1546E-02	-0.2974E-03	0.2967E-04	0.0000E+00
53	0.1653E-02	-0.3460E-03	-0.8810E-03	0.0000E+00
54	0.9464E-03	-0.1694E-03	0.9793E-03	0.0000E+00
55	0.1172E-02	-0.2213E-03	0.1031E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	0.2284E-03	-0.5189E-04	0.1018E-02	0.0000E+00
58	0.4866E-03	-0.9698E-04	0.1856E-02	0.0000E+00
59	0.1343E-02	-0.2748E-03	0.1009E-02	0.0000E+00
60	0.1498E-02	-0.2877E-03	0.3311E-03	0.0000E+00
61	0.1660E-02	-0.3532E-03	-0.9401E-03	0.0000E+00
62	0.5629E-03	-0.1354E-03	0.2129E-02	0.0000E+00
63	0.7244E-03	-0.1836E-03	0.2415E-02	0.0000E+00
64	0.1554E-02	-0.3029E-03	0.4159E-04	0.0000E+00
65	0.1660E-02	-0.3548E-03	-0.9442E-03	0.0000E+00
66	0.1663E-02	-0.3579E-03	-0.9522E-03	0.0000E+00
67	0.1666E-02	-0.3611E-03	-0.9600E-03	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	0.6085E-04	-0.2951E-04	0.1171E-02	0.0000E+00
70	0.1520E-03	-0.9869E-04	0.2106E-02	0.0000E+00
71	0.8911E-03	-0.2435E-03	0.2676E-02	0.0000E+00
72	0.1531E-02	-0.2956E-03	0.3335E-03	0.0000E+00
73	0.3007E-03	-0.1675E-03	0.2771E-02	0.0000E+00
74	0.1594E-02	-0.3200E-03	0.3551E-03	0.0000E+00
75	0.1668E-02	-0.3643E-03	-0.9681E-03	0.0000E+00
76	0.1684E-02	-0.3708E-03	-0.9833E-03	0.0000E+00
77	0.4141E-03	-0.2181E-03	0.3150E-02	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.9122E-04	-0.4329E-04	0.1359E-02	0.0000E+00
80	-0.1438E-03	-0.9176E-04	0.2257E-02	0.0000E+00
81	-0.1456E-03	-0.1167E-03	0.2420E-02	0.0000E+00
82	-0.4269E-04	-0.1499E-03	0.2566E-02	0.0000E+00
83	0.1043E-02	-0.3199E-03	0.2862E-02	0.0000E+00
84	0.2218E-03	-0.2516E-03	0.3590E-02	0.0000E+00
85	0.1717E-02	-0.3795E-03	-0.1004E-02	0.0000E+00

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86	0.1653E-02	-0.3592E-03	0.3131E-03	0.0000E+00
87	0.4113E-04	-0.1947E-03	0.2784E-02	0.0000E+00
88	0.1398E-02	-0.3382E-03	0.1583E-02	0.0000E+00
89	0.1748E-02	-0.3881E-03	-0.1026E-02	0.0000E+00
90	-0.6759E-04	-0.3849E-04	-0.1732E-03	0.0000E+00
91	-0.1177E-03	-0.8228E-05	-0.1679E-02	0.0000E+00
92	-0.1265E-03	0.1547E-04	-0.1532E-02	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.1456E-03	0.0000E+00	-0.2993E-02	0.0000E+00
95	0.1972E-03	0.0000E+00	-0.5162E-02	0.0000E+00
96	0.1870E-03	0.0000E+00	-0.5557E-02	0.0000E+00
97	0.2457E-03	0.0000E+00	-0.5731E-02	0.0000E+00
98	0.3008E-03	0.0000E+00	-0.5679E-02	0.0000E+00
99	0.2191E-04	0.3590E-04	-0.3720E-02	0.0000E+00
100	-0.1705E-03	-0.4145E-04	-0.4812E-03	0.0000E+00
101	0.3204E-03	-0.3155E-02	0.3970E-02	0.0000E+00
102	0.1831E-02	-0.4013E-03	-0.1059E-02	0.0000E+00
103	0.1150E-02	-0.3760E-03	0.2974E-02	0.0000E+00
104	0.1787E-02	-0.4152E-03	0.2528E-03	0.0000E+00
105	0.1902E-02	-0.4144E-03	-0.1093E-02	0.0000E+00
106	0.1237E-02	-0.4316E-03	0.2985E-02	0.0000E+00
107	0.1885E-02	-0.4617E-03	0.1766E-03	0.0000E+00
108	0.1964E-02	-0.4277E-03	-0.1127E-02	0.0000E+00
109	0.2013E-02	-0.4406E-03	-0.1162E-02	0.0000E+00
110	0.1387E-02	-0.5230E-03	0.2927E-02	0.0000E+00
111	0.1969E-02	-0.5075E-03	0.9955E-04	0.0000E+00
112	0.2054E-02	-0.4532E-03	-0.1196E-02	0.0000E+00
113	0.1564E-02	-0.5505E-03	0.2359E-02	0.0000E+00
114	0.2081E-02	-0.4656E-03	-0.1230E-02	0.0000E+00
115	0.2096E-02	-0.4772E-03	-0.1264E-02	0.0000E+00
116	0.2096E-02	-0.4876E-03	-0.1296E-02	0.0000E+00
117	0.1996E-02	-0.5636E-03	-0.1127E-04	0.0000E+00
118	0.2094E-02	-0.4924E-03	-0.1311E-02	0.0000E+00
119	0.2085E-02	-0.4992E-03	-0.1336E-02	0.0000E+00
120	0.2040E-02	-0.6297E-03	-0.1775E-03	0.0000E+00
121	0.2073E-02	-0.5079E-03	-0.1368E-02	0.0000E+00
122	0.2072E-02	-0.5165E-03	-0.1384E-02	0.2134E-05
123	0.2065E-02	-0.5351E-03	-0.1397E-02	0.3891E-05
124	0.2054E-02	-0.5655E-03	-0.1410E-02	0.6024E-05
125	0.2033E-02	-0.6108E-03	-0.1424E-02	0.8765E-05
126	0.1981E-02	-0.7206E-03	-0.1447E-02	0.1261E-04
127	0.1916E-02	-0.3571E-03	-0.1469E-02	0.1423E-04
128	0.1778E-02	-0.1166E-02	-0.1515E-02	0.1291E-04
129	0.1677E-02	-0.1403E-02	-0.1557E-02	0.8745E-05
130	0.1619E-02	-0.1559E-02	-0.1602E-02	0.3044E-05
131	0.1633E-02	-0.1527E-02	-0.1670E-02	-0.3429E-05
132	0.1703E-02	-0.1304E-02	-0.1729E-02	-0.5686E-05
133	0.1770E-02	-0.1055E-02	-0.1780E-02	-0.5207E-05
134	0.1817E-02	-0.8383E-03	-0.1821E-02	-0.4566E-05
135	0.1851E-02	-0.6346E-03	-0.1854E-02	-0.4487E-05
136	0.1877E-02	-0.4336E-03	-0.1878E-02	-0.4422E-05
137	0.1891E-02	-0.2394E-03	-0.1891E-02	-0.4403E-05
138	0.1901E-02	-0.3535E-04	-0.1901E-02	-0.4429E-05
139	0.1901E-02	-0.4413E-05	-0.1901E-02	-0.4414E-05

THE FREQUENCY OF MODE NUMBER, 5 IS = 0.4205E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA

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1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	0.8448E-03	-0.3459E-04	-0.4193E-03	0.0000E+00
3	0.7191E-03	-0.8600E-04	-0.6574E-03	0.0000E+00
4	0.3698E-03	-0.7895E-04	-0.3476E-03	0.0000E+00
5	-0.1985E-03	-0.2514E-04	0.1993E-03	0.0000E+00
6	-0.7724E-03	0.4061E-05	0.7730E-03	0.0000E+00
7	-0.2228E-03	0.3009E-03	0.2051E-03	0.0000E+00
8	-0.7311E-03	0.3219E-03	0.7716E-03	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	0.8515E-03	0.2377E-03	-0.8388E-03	0.0000E+00
11	0.6989E-03	0.4488E-03	-0.6951E-03	0.0000E+00
12	0.2785E-03	0.5480E-03	-0.3326E-03	0.0000E+00
13	-0.2550E-03	0.6429E-03	0.2104E-03	0.0000E+00
14	-0.3060E-03	0.7054E-03	0.7622E-03	0.0000E+00
15	-0.2668E-03	0.1246E-02	0.2002E-03	0.0000E+00
16	-0.8379E-03	0.1280E-02	0.7454E-03	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	0.6474E-03	0.6517E-03	-0.8054E-03	0.0000E+00
19	0.5170E-03	0.1386E-02	-0.6819E-03	0.0000E+00
20	0.1314E-03	0.1694E-02	-0.3131E-03	0.0000E+00
21	-0.2703E-03	0.1847E-02	0.1786E-03	0.0000E+00
22	-0.8722E-03	0.1905E-02	0.7171E-03	0.0000E+00
23	-0.2393E-03	0.2901E-02	0.1353E-03	0.0000E+00
24	-0.9042E-03	0.3057E-02	0.6762E-03	0.0000E+00
25	-0.9107E-03	0.3839E-02	0.6495E-03	0.0000E+00
26	-0.9150E-03	0.4221E-02	0.6329E-03	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.4074E-04	0.1116E-02	-0.6558E-03	0.0000E+00
29	-0.2464E-03	0.2541E-02	-0.5468E-03	0.0000E+00
30	-0.3839E-03	0.3229E-02	-0.2221E-03	0.0000E+00
31	-0.5664E-03	0.3939E-02	0.1299E-03	0.0000E+00
32	-0.9310E-03	0.4693E-02	0.6149E-03	0.0000E+00
33	-0.7011E-03	0.4142E-02	0.1356E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.3390E-03	0.1153E-02	-0.5823E-03	0.0000E+00
36	-0.6227E-03	0.2654E-02	-0.4543E-03	0.0000E+00
37	-0.6401E-03	0.3367E-02	-0.1496E-03	0.0000E+00
38	-0.8136E-03	0.4189E-02	0.1594E-03	0.0000E+00
39	-0.9257E-03	0.4812E-02	0.5263E-03	0.0000E+00
40	-0.9248E-03	0.4800E-02	0.5384E-03	0.0000E+00
41	-0.9239E-03	0.4789E-02	0.5494E-03	0.0000E+00
42	-0.9239E-03	0.4768E-02	0.5819E-03	0.0000E+00
43	-0.1083E-02	0.2914E-02	0.3768E-04	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1020E-02	0.8123E-03	-0.2157E-03	0.0000E+00
46	-0.1452E-02	0.1769E-02	0.2777E-05	0.0000E+00
47	-0.9260E-03	0.4812E-02	0.5218E-03	0.0000E+00
48	-0.9257E-03	0.4813E-02	0.5229E-03	0.0000E+00
49	-0.8560E-03	0.4177E-02	0.1707E-03	0.0000E+00
50	-0.9258E-03	0.4841E-02	0.5766E-03	0.0000E+00
51	-0.1150E-02	0.3543E-02	0.3745E-03	0.0000E+00
52	-0.1018E-02	0.4080E-02	0.3230E-03	0.0000E+00
53	-0.9260E-03	0.4784E-02	0.5178E-03	0.0000E+00
54	-0.1202E-02	0.2182E-02	0.2389E-03	0.0000E+00
55	-0.1330E-02	0.2595E-02	0.3876E-03	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.9141E-03	0.2690E-03	0.4468E-04	0.0000E+00
58	-0.1125E-02	0.2913E-03	0.3095E-03	0.0000E+00
59	-0.1113E-02	0.2862E-02	0.1013E-02	0.0000E+00
60	-0.1061E-02	0.3821E-02	0.8999E-03	0.0000E+00

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61	-0.9228E-03	0.4855E-02	0.6034E-03	0.0000E+00
62	-0.9936E-03	0.2713E-03	0.4606E-03	0.0000E+00
63	-0.9032E-03	0.1707E-03	0.7527E-03	0.0000E+00
64	-0.1024E-02	0.4095E-02	0.5817E-03	0.0000E+00
65	-0.9257E-03	0.4866E-02	0.6301E-03	0.0000E+00
66	-0.9255E-03	0.4891E-02	0.6836E-03	0.0000E+00
67	-0.9253E-03	0.4915E-02	0.7371E-03	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.2076E-03	-0.1985E-03	0.9507E-04	0.0000E+00
70	-0.1704E-03	-0.4613E-03	0.2534E-03	0.0000E+00
71	-0.8106E-03	0.1261E-03	0.1130E-02	0.0000E+00
72	-0.1060E-02	0.3901E-02	0.1011E-02	0.0000E+00
73	0.6028E-04	-0.1027E-02	0.5144E-03	0.0000E+00
74	-0.1075E-02	0.4002E-02	0.1235E-02	0.0000E+00
75	-0.9250E-03	0.4937E-02	0.7907E-03	0.0000E+00
76	-0.9234E-03	0.4977E-02	0.8991E-03	0.0000E+00
77	0.3609E-04	-0.1459E-02	0.7013E-03	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	0.4842E-03	-0.3877E-03	0.1288E-03	0.0000E+00
80	0.1115E-02	-0.1156E-02	0.1839E-03	0.0000E+00
81	0.1254E-02	-0.1541E-02	0.1730E-03	0.0000E+00
82	0.1283E-02	-0.1975E-02	0.2495E-03	0.0000E+00
83	-0.4889E-03	-0.1643E-04	0.1570E-02	0.0000E+00
84	0.9204E-03	-0.2382E-02	0.4267E-03	0.0000E+00
85	-0.9175E-03	0.5026E-02	0.1043E-02	0.0000E+00
86	-0.9581E-03	0.4124E-02	0.1503E-02	0.0000E+00
87	0.1378E-02	-0.2432E-02	0.3137E-03	0.0000E+00
88	-0.9179E-03	0.2163E-02	0.1576E-02	0.0000E+00
89	-0.9121E-03	0.5069E-02	0.1186E-02	0.0000E+00
90	0.2989E-02	-0.1098E-02	0.1835E-03	0.0000E+00
91	0.2842E-02	-0.1390E-02	0.1135E-03	0.0000E+00
92	0.2590E-02	-0.1590E-02	0.8941E-04	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.2251E-02	0.0000E+00	0.1378E-03	0.0000E+00
95	0.3695E-02	0.0000E+00	0.2566E-03	0.0000E+00
96	0.3851E-02	0.0000E+00	0.2747E-03	0.0000E+00
97	0.3644E-02	0.0000E+00	0.3290E-03	0.0000E+00
98	0.3276E-02	0.0000E+00	0.3572E-03	0.0000E+00
99	0.3288E-02	-0.7812E-03	0.2355E-03	0.0000E+00
100	0.2230E-02	-0.1961E-02	0.5553E-04	0.0000E+00
101	0.8361E-03	-0.3329E-02	0.4205E-03	0.0000E+00
102	-0.8935E-03	0.5126E-02	0.1400E-02	0.0000E+00
103	-0.3271E-03	-0.1949E-03	0.1822E-02	0.0000E+00
104	-0.8940E-03	0.4274E-02	0.1944E-02	0.0000E+00
105	-0.8810E-03	0.5171E-02	0.1612E-02	0.0000E+00
106	-0.2462E-04	-0.3321E-03	0.2004E-02	0.0000E+00
107	-0.7204E-03	0.4273E-02	0.2357E-02	0.0000E+00
108	-0.8636E-03	0.5208E-02	0.1622E-02	0.0000E+00
109	-0.8309E-03	0.5231E-02	0.2030E-02	0.0000E+00
110	0.6606E-03	-0.6305E-03	0.3269E-02	0.0000E+00
111	-0.5173E-03	0.4177E-02	0.2712E-02	0.0000E+00
112	-0.8035E-03	0.5244E-02	0.2236E-02	0.0000E+00
113	0.7257E-03	0.1733E-03	0.3572E-02	0.0000E+00
114	-0.7597E-03	0.5244E-02	0.3440E-02	0.0000E+00
115	-0.7326E-03	0.5235E-02	0.2644E-02	0.0000E+00
116	-0.6825E-03	0.5211E-02	0.2846E-02	0.0000E+00
117	-0.2537E-03	0.3932E-02	0.3040E-02	0.0000E+00
118	-0.6758E-03	0.5195E-02	0.2946E-02	0.0000E+00
119	-0.6756E-03	0.5170E-02	0.3121E-02	0.0000E+00
120	0.2421E-03	0.3540E-02	0.3422E-02	0.0000E+00

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121	-0.6743E-03	0.5124E-02	0.3343E-02	0.0000E+00
122	-0.6811E-03	0.5090E-02	0.3315E-02	0.8943E-05
123	-0.7113E-03	0.5011E-02	0.3303E-02	0.1670E-04
124	-0.7637E-03	0.4879E-02	0.3291E-02	0.2653E-04
125	-0.8587E-03	0.4678E-02	0.3283E-02	0.3974E-04
126	-0.1103E-02	0.4171E-02	0.3272E-02	0.5961E-04
127	-0.1420E-02	0.3515E-02	0.3264E-02	0.6969E-04
128	-0.2136E-02	0.1940E-02	0.3248E-02	0.6938E-04
129	-0.2726E-02	0.5602E-03	0.3238E-02	0.5471E-04
130	-0.3171E-02	-0.5610E-03	0.3230E-02	0.3196E-04
131	-0.3422E-02	-0.1277E-02	0.3221E-02	0.4163E-05
132	-0.3382E-02	-0.1136E-02	0.3216E-02	-0.6796E-05
133	-0.3304E-02	-0.8255E-03	0.3213E-02	-0.5973E-05
134	-0.3261E-02	-0.6076E-03	0.3210E-02	-0.3841E-05
135	-0.3237E-02	-0.4462E-03	0.3209E-02	-0.3174E-05
136	-0.3221E-02	-0.3082E-03	0.3208E-02	-0.2852E-05
137	-0.3213E-02	-0.1741E-03	0.3209E-02	-0.3072E-05
138	-0.3207E-02	-0.2537E-04	0.3207E-02	-0.3091E-05
139	-0.3207E-02	-0.3212E-05	0.3207E-02	-0.3207E-05

THE FREQUENCY OF MODE NUMBER, 6 IS = 0.5216E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	-0.2274E-02	0.3569E-04	0.1979E-02	0.0000E+00
3	-0.3225E-02	0.4951E-04	0.3296E-02	0.0000E+00
4	-0.3194E-02	0.1586E-04	0.3446E-02	0.0000E+00
5	-0.2879E-02	-0.3187E-04	0.2908E-02	0.0000E+00
6	-0.2288E-02	0.4190E-05	0.2287E-02	0.0000E+00
7	-0.2878E-02	0.2010E-03	0.2740E-02	0.0000E+00
8	-0.2243E-02	0.2307E-03	0.2183E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	-0.1928E-02	0.8450E-04	0.1705E-02	0.0000E+00
11	-0.3031E-02	0.2433E-03	0.2666E-02	0.0000E+00
12	-0.3117E-02	0.3186E-03	0.2748E-02	0.0000E+00
13	-0.2786E-02	0.3865E-03	0.2431E-02	0.0000E+00
14	-0.2176E-02	0.4336E-03	0.1918E-02	0.0000E+00
15	-0.2704E-02	0.5351E-03	0.2003E-02	0.0000E+00
16	-0.2073E-02	0.6022E-03	0.1498E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.1998E-02	0.1135E-03	0.1219E-02	0.0000E+00
19	-0.2991E-02	0.3844E-03	0.1799E-02	0.0000E+00
20	-0.2988E-02	0.4987E-03	0.1794E-02	0.0000E+00
21	-0.2604E-02	0.6145E-03	0.1418E-02	0.0000E+00
22	-0.1936E-02	0.7029E-03	0.9325E-03	0.0000E+00
23	-0.2502E-02	0.5595E-03	0.7460E-03	0.0000E+00
24	-0.1767E-02	0.6495E-03	0.2309E-03	0.0000E+00
25	-0.1675E-02	0.5853E-03	-0.1662E-03	0.0000E+00
26	-0.1622E-02	0.5435E-03	-0.3388E-03	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.2087E-02	-0.1974E-04	0.5962E-03	0.0000E+00
29	-0.2985E-02	0.1673E-03	0.6456E-03	0.0000E+00
30	-0.2837E-02	0.2911E-03	0.4894E-03	0.0000E+00
31	-0.2364E-02	0.4175E-03	-0.1683E-04	0.0000E+00
32	-0.1567E-02	0.4813E-03	-0.6194E-03	0.0000E+00
33	-0.2327E-02	0.3630E-03	-0.2468E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.2094E-02	-0.7504E-04	0.4438E-03	0.0000E+00

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36	-0.2985E-02	0.2981E-04	0.3296E-03	0.0000E+00
37	-0.2776E-02	0.1132E-03	0.1075E-03	0.0000E+00
38	-0.2310E-02	0.2987E-03	-0.4503E-03	0.0000E+00
39	-0.1490E-02	0.4743E-03	-0.1031E-02	0.0000E+00
40	-0.1506E-02	0.4753E-03	-0.9377E-03	0.0000E+00
41	-0.1522E-02	0.4762E-03	-0.8477E-03	0.0000E+00
42	-0.1540E-02	0.4794E-03	-0.7441E-03	0.0000E+00
43	-0.2730E-02	-0.3954E-03	-0.4339E-03	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1893E-02	-0.4411E-03	-0.6525E-05	0.0000E+00
46	-0.2709E-02	-0.7499E-03	-0.5311E-03	0.0000E+00
47	-0.1484E-02	0.4738E-03	-0.1079E-02	0.0000E+00
48	-0.1485E-02	0.4743E-03	-0.1061E-02	0.0000E+00
49	-0.2312E-02	0.2726E-03	-0.5152E-03	0.0000E+00
50	-0.1482E-02	0.4393E-03	-0.1081E-02	0.0000E+00
51	-0.2304E-02	-0.2709E-03	-0.1156E-02	0.0000E+00
52	-0.1566E-02	-0.1532E-04	-0.1929E-02	0.0000E+00
53	-0.1479E-02	0.4556E-03	-0.1146E-02	0.0000E+00
54	-0.2519E-02	-0.8687E-03	-0.8924E-03	0.0000E+00
55	-0.2236E-02	-0.8828E-03	-0.1706E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.1377E-02	-0.7064E-03	0.1947E-03	0.0000E+00
58	-0.2052E-02	-0.1539E-02	-0.4754E-03	0.0000E+00
59	-0.1636E-02	-0.7682E-03	-0.2514E-02	0.0000E+00
60	-0.1605E-02	-0.2139E-03	-0.2170E-02	0.0000E+00
61	-0.1481E-02	0.4948E-03	-0.1097E-02	0.0000E+00
62	-0.1980E-02	-0.1923E-02	-0.9682E-03	0.0000E+00
63	-0.1817E-02	-0.2174E-02	-0.1875E-02	0.0000E+00
64	-0.1535E-02	-0.1423E-04	-0.2018E-02	0.0000E+00
65	-0.1480E-02	0.5004E-03	-0.1114E-02	0.0000E+00
66	-0.1473E-02	0.5117E-03	-0.1146E-02	0.0000E+00
67	-0.1465E-02	0.5227E-03	-0.1180E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.8610E-03	-0.8565E-03	0.7837E-03	0.0000E+00
70	-0.1436E-02	-0.1661E-02	0.9208E-03	0.0000E+00
71	-0.1401E-02	-0.2308E-02	-0.3104E-02	0.0000E+00
72	-0.1514E-02	-0.1590E-03	-0.2378E-02	0.0000E+00
73	-0.1384E-02	-0.2418E-02	-0.9142E-04	0.0000E+00
74	-0.1344E-02	-0.1055E-03	-0.2774E-02	0.0000E+00
75	-0.1458E-02	0.5331E-03	-0.1211E-02	0.0000E+00
76	-0.1410E-02	0.5533E-03	-0.1265E-02	0.0000E+00
77	-0.1147E-02	-0.2665E-02	-0.9535E-03	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.5005E-03	-0.8164E-03	0.1743E-02	0.0000E+00
80	-0.9368E-03	-0.1711E-02	0.2410E-02	0.0000E+00
81	-0.1053E-02	-0.2115E-02	0.2294E-02	0.0000E+00
82	-0.1104E-02	-0.2431E-02	0.1703E-02	0.0000E+00
83	-0.6521E-03	-0.2291E-02	-0.4495E-02	0.0000E+00
84	-0.7338E-03	-0.2970E-02	-0.3150E-03	0.0000E+00
85	-0.1300E-02	0.5809E-03	-0.1343E-02	0.0000E+00
86	-0.1020E-02	-0.1871E-04	-0.3110E-02	0.0000E+00
87	-0.9630E-03	-0.2712E-02	0.3957E-03	0.0000E+00
88	-0.8853E-03	-0.1120E-02	-0.3887E-03	0.0000E+00
89	-0.1192E-02	0.6070E-03	-0.1418E-02	0.0000E+00
90	-0.6401E-03	-0.1215E-02	0.3262E-03	0.0000E+00
91	-0.1135E-02	-0.1253E-02	0.1071E-02	0.0000E+00
92	-0.1324E-02	-0.1267E-02	0.1110E-03	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.4359E-03	0.0000E+00	-0.3005E-03	0.0000E+00
95	0.1322E-03	0.0000E+00	-0.1057E-02	0.0000E+00

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96	-0.1902E-03	0.0000E+00	-0.9851E-03	0.0000E+00
97	-0.6293E-03	0.0000E+00	-0.9233E-03	0.0000E+00
98	-0.9537E-03	0.0000E+00	-0.8637E-03	0.0000E+00
99	-0.1081E-02	-0.6652E-03	0.5918E-04	0.0000E+00
100	-0.1345E-02	-0.1603E-02	0.1129E-02	0.0000E+00
101	-0.3053E-03	-0.2869E-02	-0.1291E-02	0.0000E+00
102	-0.8740E-03	0.6453E-03	-0.1527E-02	0.0000E+00
103	-0.1651E-03	-0.2229E-02	-0.5413E-02	0.0000E+00
104	-0.4727E-03	0.1258E-03	-0.3655E-02	0.0000E+00
105	-0.5716E-03	0.6830E-03	-0.1629E-02	0.0000E+00
106	0.3340E-03	-0.2048E-02	-0.6087E-02	0.0000E+00
107	0.1051E-03	0.2637E-03	-0.4067E-02	0.0000E+00
108	-0.2769E-03	0.7181E-03	-0.1719E-02	0.0000E+00
109	0.9401E-06	0.7500E-03	-0.1798E-02	0.0000E+00
110	0.1266E-02	-0.1693E-02	-0.7013E-02	0.0000E+00
111	0.6317E-03	0.4232E-03	-0.4424E-02	0.0000E+00
112	0.2636E-03	0.7788E-03	-0.1861E-02	0.0000E+00
113	0.1456E-02	-0.1237E-02	-0.6763E-02	0.0000E+00
114	0.4938E-03	0.8031E-03	-0.1906E-02	0.0000E+00
115	0.6993E-03	0.8242E-03	-0.1932E-02	0.0000E+00
116	0.8577E-03	0.8401E-03	-0.1933E-02	0.0000E+00
117	0.1022E-02	0.5392E-03	-0.4493E-02	0.0000E+00
118	0.8768E-03	0.8472E-03	-0.1926E-02	0.0000E+00
119	0.9284E-03	0.8535E-03	-0.1902E-02	0.0000E+00
120	0.1429E-02	0.6546E-03	-0.4452E-02	0.0000E+00
121	0.9858E-03	0.8577E-03	-0.1862E-02	0.0000E+00
122	0.9879E-03	0.8703E-03	-0.1844E-02	-0.3161E-05
123	0.9982E-03	0.8978E-03	-0.1828E-02	-0.5778E-05
124	0.1016E-02	0.9429E-03	-0.1812E-02	-0.8971E-05
125	0.1047E-02	0.1010E-02	-0.1796E-02	-0.1310E-04
126	0.1125E-02	0.1175E-02	-0.1769E-02	-0.1896E-04
127	0.1224E-02	0.1380E-02	-0.1744E-02	-0.2152E-04
128	0.1436E-02	0.1851E-02	-0.1692E-02	-0.1987E-04
129	0.1594E-02	0.2225E-02	-0.1644E-02	-0.1374E-04
130	0.1688E-02	0.2468E-02	-0.1593E-02	-0.5108E-05
131	0.1681E-02	0.2453E-02	-0.1518E-02	0.4168E-05
132	0.1592E-02	0.2164E-02	-0.1457E-02	0.7386E-05
133	0.1505E-02	0.1837E-02	-0.1405E-02	0.6942E-05
134	0.1438E-02	0.1518E-02	-0.1366E-02	0.7315E-05
135	0.1377E-02	0.1148E-02	-0.1336E-02	0.6375E-05
136	0.1332E-02	0.7750E-03	-0.1313E-02	0.7894E-05
137	0.1307E-02	0.4264E-03	-0.1302E-02	0.7779E-05
138	0.1291E-02	0.6192E-04	-0.1291E-02	0.7667E-05
139	0.1291E-02	0.7777E-05	-0.1291E-02	0.7773E-05

THE FREQUENCY OF MODE NUMBER, 7 IS = 0.5631E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	0.6336E-03	-0.1928E-05	-0.7602E-03	0.0000E+00
3	0.1199E-02	0.5570E-04	-0.1206E-02	0.0000E+00
4	0.1234E-02	0.5864E-04	-0.1168E-02	0.0000E+00
5	0.1393E-02	0.9084E-05	-0.1384E-02	0.0000E+00
6	0.1411E-02	0.2447E-05	-0.1413E-02	0.0000E+00
7	0.1346E-02	0.3661E-03	-0.1321E-02	0.0000E+00
8	0.1418E-02	0.3669E-03	-0.1402E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	0.3767E-03	0.1534E-03	-0.3707E-03	0.0000E+00

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11	0.6083E-03	0.4342E-03	-0.7995E-03	0.0000E+00
12	0.9369E-03	0.5497E-03	-0.8938E-03	0.0000E+00
13	0.1264E-02	0.6014E-03	-0.1210E-02	0.0000E+00
14	0.1440E-02	0.6124E-03	-0.1376E-02	0.0000E+00
15	0.1172E-02	0.7544E-03	-0.1071E-02	0.0000E+00
16	0.1480E-02	0.7557E-03	-0.1345E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.1761E-03	0.1691E-03	0.9497E-04	0.0000E+00
19	0.1860E-03	0.5233E-03	-0.1804E-03	0.0000E+00
20	0.4768E-03	0.6593E-03	-0.3595E-03	0.0000E+00
21	0.1031E-02	0.7363E-03	-0.8351E-03	0.0000E+00
22	0.1538E-02	0.7634E-03	-0.1320E-02	0.0000E+00
23	0.8709E-03	0.5460E-03	-0.6273E-03	0.0000E+00
24	0.1623E-02	0.4349E-03	-0.1323E-02	0.0000E+00
25	0.1671E-02	0.2957E-03	-0.1342E-02	0.0000E+00
26	0.1703E-02	0.1719E-03	-0.1362E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.7926E-03	-0.4690E-04	0.8577E-03	0.0000E+00
29	-0.5802E-03	0.9955E-04	0.9026E-03	0.0000E+00
30	-0.1323E-03	0.1574E-03	0.6084E-03	0.0000E+00
31	0.7351E-03	0.1529E-03	-0.3016E-03	0.0000E+00
32	0.1736E-02	-0.5583E-06	-0.1336E-02	0.0000E+00
33	0.6813E-03	0.8355E-04	-0.1422E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.9575E-03	-0.1305E-03	0.1111E-02	0.0000E+00
36	-0.8220E-03	-0.9536E-04	0.1328E-02	0.0000E+00
37	-0.3306E-03	-0.9035E-04	0.1027E-02	0.0000E+00
38	0.6067E-03	-0.2429E-04	0.3841E-04	0.0000E+00
39	0.1770E-02	-0.2655E-04	-0.1404E-02	0.0000E+00
40	0.1763E-02	-0.2348E-04	-0.1400E-02	0.0000E+00
41	0.1755E-02	-0.2095E-04	-0.1398E-02	0.0000E+00
42	0.1748E-02	-0.1569E-04	-0.1396E-02	0.0000E+00
43	-0.7654E-03	-0.5927E-04	0.1983E-02	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1344E-02	-0.5070E-03	0.1923E-02	0.0000E+00
46	-0.1566E-02	-0.8968E-03	0.2820E-02	0.0000E+00
47	0.1770E-02	-0.2693E-04	-0.1391E-02	0.0000E+00
48	0.1773E-02	-0.2664E-04	-0.1405E-02	0.0000E+00
49	0.5750E-03	-0.6588E-04	0.1137E-03	0.0000E+00
50	0.1778E-02	-0.2246E-04	-0.1440E-02	0.0000E+00
51	0.1275E-03	-0.5467E-03	0.1381E-02	0.0000E+00
52	0.1245E-02	-0.3586E-03	0.5497E-03	0.0000E+00
53	0.1759E-02	-0.3909E-04	-0.1342E-02	0.0000E+00
54	-0.1169E-02	-0.1028E-02	0.2749E-02	0.0000E+00
55	-0.4660E-03	-0.1066E-02	0.2541E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.1323E-02	-0.7608E-03	0.1628E-02	0.0000E+00
58	-0.1829E-02	-0.1549E-02	0.2779E-02	0.0000E+00
59	0.4697E-03	-0.9969E-03	0.1990E-02	0.0000E+00
60	0.1030E-02	-0.5196E-03	0.1123E-02	0.0000E+00
61	0.1730E-02	-0.2180E-04	-0.1457E-02	0.0000E+00
62	-0.1785E-02	-0.1925E-02	0.3041E-02	0.0000E+00
63	-0.1340E-02	-0.2127E-02	0.3230E-02	0.0000E+00
64	0.1283E-02	-0.3679E-03	0.5413E-03	0.0000E+00
65	0.1782E-02	-0.2092E-04	-0.1475E-02	0.0000E+00
66	0.1794E-02	-0.1924E-04	-0.1510E-02	0.0000E+00
67	0.1803E-02	-0.1806E-04	-0.1545E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.1029E-02	-0.8486E-03	0.1731E-03	0.0000E+00
70	-0.1646E-02	-0.1582E-02	0.1995E-03	0.0000E+00

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71	-0.6885E-03	-0.2266E-02	0.3543E-02	0.0000E+00
72	0.1184E-02	-0.4793E-03	0.1100E-02	0.0000E+00
73	-0.1615E-02	-0.2194E-02	0.4080E-03	0.0000E+00
74	0.1449E-02	-0.4766E-03	0.1071E-02	0.0000E+00
75	0.1819E-02	-0.1748E-04	-0.1530E-02	0.0000E+00
76	0.1895E-02	-0.1690E-04	-0.1643E-02	0.0000E+00
77	-0.1329E-02	-0.2336E-02	0.5207E-03	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.6332E-03	-0.8061E-03	-0.1587E-02	0.0000E+00
80	-0.1251E-02	-0.1540E-02	-0.2630E-02	0.0000E+00
81	-0.1442E-02	-0.1845E-02	-0.2781E-02	0.0000E+00
82	-0.1545E-02	-0.1991E-02	-0.2528E-02	0.0000E+00
83	0.2089E-03	-0.2303E-02	0.3636E-02	0.0000E+00
84	-0.1250E-02	-0.2230E-02	-0.1430E-02	0.0000E+00
85	0.2068E-02	-0.1588E-04	-0.1729E-02	0.0000E+00
86	0.1896E-02	-0.4710E-03	0.7545E-03	0.0000E+00
87	-0.1497E-02	-0.2109E-02	-0.2147E-02	0.0000E+00
88	0.1099E-02	-0.1367E-02	0.2326E-02	0.0000E+00
89	0.2234E-02	-0.1671E-04	-0.1818E-02	0.0000E+00
90	-0.1334E-02	-0.1005E-02	-0.1231E-02	0.0000E+00
91	-0.1615E-02	-0.9501E-03	-0.1841E-02	0.0000E+00
92	-0.1773E-02	-0.8930E-03	-0.2117E-02	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.1867E-03	0.0000E+00	0.1115E-02	0.0000E+00
95	-0.3309E-03	0.0000E+00	0.1455E-02	0.0000E+00
96	-0.6797E-03	0.0000E+00	0.1325E-02	0.0000E+00
97	-0.1162E-02	0.0000E+00	0.1137E-02	0.0000E+00
98	-0.1476E-02	0.0000E+00	0.9974E-03	0.0000E+00
99	-0.1573E-02	-0.5321E-03	-0.3038E-03	0.0000E+00
100	-0.1821E-02	-0.1100E-02	-0.2445E-02	0.0000E+00
101	-0.7831E-03	-0.1965E-02	-0.1244E-02	0.0000E+00
102	0.2716E-02	-0.2017E-04	-0.1953E-02	0.0000E+00
103	0.7879E-03	-0.2293E-02	0.3794E-02	0.0000E+00
104	0.2695E-02	-0.4538E-03	0.3871E-03	0.0000E+00
105	0.3153E-02	-0.2553E-04	-0.2086E-02	0.0000E+00
106	0.1437E-02	-0.2184E-02	0.3778E-02	0.0000E+00
107	0.3446E-02	-0.4250E-03	-0.6096E-06	0.0000E+00
108	0.3569E-02	-0.3439E-04	-0.2216E-02	0.0000E+00
109	0.3928E-02	-0.4603E-04	-0.2338E-02	0.0000E+00
110	0.2556E-02	-0.2004E-02	0.3825E-02	0.0000E+00
111	0.4110E-02	-0.3772E-03	-0.2757E-03	0.0000E+00
112	0.4256E-02	-0.6005E-04	-0.2450E-02	0.0000E+00
113	0.3302E-02	-0.1701E-02	0.3096E-02	0.0000E+00
114	0.4503E-02	-0.7867E-04	-0.2548E-02	0.0000E+00
115	0.4697E-02	-0.9813E-04	-0.2633E-02	0.0000E+00
116	0.4796E-02	-0.1195E-03	-0.2698E-02	0.0000E+00
117	0.4487E-02	-0.4231E-03	-0.5545E-03	0.0000E+00
118	0.4802E-02	-0.1297E-03	-0.2724E-02	0.0000E+00
119	0.4797E-02	-0.1491E-03	-0.2756E-02	0.0000E+00
120	0.4937E-02	-0.5013E-03	-0.8438E-03	0.0000E+00
121	0.4786E-02	-0.1770E-03	-0.2790E-02	0.0000E+00
122	0.4783E-02	-0.2017E-03	-0.2829E-02	0.6133E-05
123	0.4764E-02	-0.2554E-03	-0.2860E-02	0.1118E-04
124	0.4731E-02	-0.3430E-03	-0.2891E-02	0.1736E-04
125	0.4672E-02	-0.4739E-03	-0.2923E-02	0.2537E-04
126	0.4522E-02	-0.7940E-03	-0.2976E-02	0.3695E-04
127	0.4331E-02	-0.1197E-02	-0.3026E-02	0.4233E-04
128	0.3913E-02	-0.2136E-02	-0.3129E-02	0.4010E-04
129	0.3590E-02	-0.2909E-02	-0.3223E-02	0.2921E-04
130	0.3379E-02	-0.3461E-02	-0.3324E-02	0.1343E-04

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131	0.3551E-02	-0.3579E-02	-0.3477E-02	-0.5495E-05
132	0.3504E-02	-0.3108E-02	-0.3608E-02	-0.1313E-04
133	0.3667E-02	-0.2517E-02	-0.3723E-02	-0.1239E-04
134	0.3732E-02	-0.2004E-02	-0.3815E-02	-0.1089E-04
135	0.3870E-02	-0.1506E-02	-0.3886E-02	-0.1100E-04
136	0.3934E-02	-0.1018E-02	-0.3940E-02	-0.1052E-04
137	0.3969E-02	-0.5613E-03	-0.3971E-02	-0.1027E-04
138	0.3993E-02	-0.8219E-04	-0.3992E-02	-0.1031E-04
139	0.3993E-02	-0.1025E-04	-0.3993E-02	-0.1026E-04

THE FREQUENCY OF MODE NUMBER, B IS = 0.6326E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	0.8000E-03	-0.1533E-04	-0.1134E-02	0.0000E+00
3	0.6727E-03	0.2541E-04	-0.5524E-03	0.0000E+00
4	0.1883E-03	0.1178E-04	0.1030E-03	0.0000E+00
5	-0.4452E-03	-0.3536E-04	0.4799E-03	0.0000E+00
6	-0.9787E-03	0.9602E-05	0.9754E-03	0.0000E+00
7	-0.5228E-03	0.8557E-03	0.4280E-03	0.0000E+00
8	-0.9587E-03	0.9078E-03	0.9308E-03	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	0.7343E-03	0.4990E-03	-0.8747E-03	0.0000E+00
11	0.3676E-03	0.1139E-02	-0.6333E-03	0.0000E+00
12	-0.1246E-03	0.1404E-02	-0.1442E-03	0.0000E+00
13	-0.5669E-03	0.1587E-02	0.3367E-03	0.0000E+00
14	-0.9394E-03	0.1688E-02	0.3107E-03	0.0000E+00
15	-0.6089E-03	0.2309E-02	0.1569E-03	0.0000E+00
16	-0.9092E-03	0.2411E-02	0.6218E-03	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	0.1745E-04	0.9435E-03	-0.9216E-03	0.0000E+00
19	-0.2063E-03	0.2133E-02	-0.8593E-03	0.0000E+00
20	-0.4427E-03	0.2571E-02	-0.4601E-03	0.0000E+00
21	-0.6361E-03	0.2810E-02	-0.7296E-04	0.0000E+00
22	-0.8709E-03	0.2936E-02	0.3694E-03	0.0000E+00
23	-0.6255E-03	0.3216E-02	-0.3577E-03	0.0000E+00
24	-0.8316E-03	0.3368E-02	0.6205E-04	0.0000E+00
25	-0.8122E-03	0.3589E-02	-0.1038E-03	0.0000E+00
26	-0.8036E-03	0.3496E-02	-0.2043E-03	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.9661E-03	0.9779E-03	-0.8603E-03	0.0000E+00
29	-0.1085E-02	0.2373E-02	-0.1039E-02	0.0000E+00
30	-0.8088E-03	0.2951E-02	-0.8229E-03	0.0000E+00
31	-0.7214E-03	0.3414E-02	-0.6216E-03	0.0000E+00
32	-0.8005E-03	0.3819E-02	-0.3022E-03	0.0000E+00
33	-0.7596E-03	0.3391E-02	-0.7005E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.1230E-02	0.9153E-03	-0.8162E-03	0.0000E+00
36	-0.1400E-02	0.2069E-02	-0.1030E-02	0.0000E+00
37	-0.8941E-03	0.2616E-02	-0.8775E-03	0.0000E+00
38	-0.8339E-03	0.3295E-02	-0.7481E-03	0.0000E+00
39	-0.7368E-03	0.3856E-02	-0.5224E-03	0.0000E+00
40	-0.7883E-03	0.3852E-02	-0.4791E-03	0.0000E+00
41	-0.7909E-03	0.3643E-02	-0.4370E-03	0.0000E+00
42	-0.7942E-03	0.3842E-02	-0.3734E-03	0.0000E+00
43	-0.1115E-02	0.1019E-02	-0.3263E-03	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1061E-02	-0.2981E-03	-0.4576E-03	0.0000E+00

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46	-0.1256E-02	-0.5900E-03	-0.6896E-03	0.0000E+00
47	-0.7856E-03	0.3855E-02	-0.5443E-03	0.0000E+00
48	-0.7861E-03	0.3856E-02	-0.5366E-03	0.0000E+00
49	-0.8823E-03	0.3234E-02	-0.7563E-03	0.0000E+00
50	-0.7864E-03	0.3904E-02	-0.5029E-03	0.0000E+00
51	-0.1095E-02	0.1386E-02	-0.6934E-03	0.0000E+00
52	-0.7586E-03	0.1746E-02	-0.4238E-03	0.0000E+00
53	-0.7831E-03	0.3784E-02	-0.5714E-03	0.0000E+00
54	-0.6868E-03	-0.7343E-03	-0.6956E-05	0.0000E+00
55	-0.9948E-03	-0.8952E-03	-0.5473E-03	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	0.7585E-03	-0.8813E-03	-0.1748E-03	0.0000E+00
58	0.7386E-03	-0.2824E-02	-0.2886E-05	0.0000E+00
59	-0.8028E-03	-0.7739E-03	-0.2754E-03	0.0000E+00
60	-0.8357E-03	0.9807E-03	-0.3939E-03	0.0000E+00
61	-0.7864E-03	0.3918E-02	-0.4878E-03	0.0000E+00
62	-0.8254E-03	-0.3675E-02	-0.3419E-03	0.0000E+00
63	0.3717E-03	-0.4484E-02	-0.1571E-03	0.0000E+00
64	-0.8177E-03	0.1702E-02	-0.3927E-03	0.0000E+00
65	-0.7862E-03	0.3934E-02	-0.4726E-03	0.0000E+00
66	-0.7848E-03	0.3964E-02	-0.4420E-03	0.0000E+00
67	-0.7833E-03	0.3991E-02	-0.4114E-03	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	0.1564E-02	-0.3142E-03	-0.2412E-03	0.0000E+00
70	0.2380E-02	-0.7316E-03	-0.3258E-03	0.0000E+00
71	0.2578E-04	-0.5515E-02	0.3078E-04	0.0000E+00
72	-0.8644E-03	0.1019E-02	-0.3360E-03	0.0000E+00
73	0.1594E-02	-0.1277E-02	-0.7958E-04	0.0000E+00
74	-0.1005E-02	-0.9807E-03	-0.2192E-03	0.0000E+00
75	-0.7313E-03	0.4019E-02	-0.3799E-03	0.0000E+00
76	-0.7668E-03	0.4066E-02	-0.3135E-03	0.0000E+00
77	0.1209E-02	-0.1424E-02	0.1504E-03	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	0.1648E-02	0.5321E-03	-0.3444E-03	0.0000E+00
80	0.2083E-02	0.1451E-02	-0.3257E-03	0.0000E+00
81	0.2045E-02	0.1827E-02	-0.2239E-03	0.0000E+00
82	-0.1505E-02	0.1946E-02	-0.2251E-04	0.0000E+00
83	-0.1866E-03	-0.6213E-02	0.1906E-03	0.0000E+00
84	0.2723E-04	0.1367E-02	0.5311E-03	0.0000E+00
85	-0.7291E-03	0.4126E-02	-0.2247E-03	0.0000E+00
86	-0.7925E-03	0.1083E-02	-0.5620E-04	0.0000E+00
87	0.8182E-03	0.1965E-02	0.2322E-03	0.0000E+00
88	-0.7590E-03	-0.2458E-02	0.8775E-04	0.0000E+00
89	-0.6862E-03	0.4180E-02	-0.1360E-03	0.0000E+00
90	-0.3889E-03	0.1447E-02	-0.2451E-03	0.0000E+00
91	-0.1021E-03	0.1889E-02	-0.1974E-03	0.0000E+00
92	0.1038E-03	0.2085E-02	-0.1214E-03	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	-0.2096E-02	0.0000E+00	-0.6828E-04	0.0000E+00
95	-0.2811E-02	0.0000E+00	-0.2572E-03	0.0000E+00
96	-0.2653E-02	0.0000E+00	-0.3170E-03	0.0000E+00
97	-0.1937E-02	0.0000E+00	-0.3693E-03	0.0000E+00
98	-0.1245E-02	0.0000E+00	-0.3834E-03	0.0000E+00
99	-0.9180E-03	0.1056E-02	-0.2943E-03	0.0000E+00
100	0.4297E-03	0.2248E-02	0.3914E-04	0.0000E+00
101	-0.1363E-02	0.1272E-02	0.7346E-03	0.0000E+00
102	-0.5502E-03	0.4255E-02	-0.2628E-05	0.0000E+00
103	-0.5178E-03	-0.6495E-02	0.2515E-03	0.0000E+00
104	-0.6235E-03	0.1222E-02	0.1831E-03	0.0000E+00
105	-0.3953E-03	0.4323E-02	0.1310E-03	0.0000E+00

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106	-0.6977E-03	-0.6528E-02	0.1975E-03	0.0000E+00
107	-0.2028E-03	0.1335E-02	0.4004E-03	0.0000E+00
108	-0.2156E-03	0.4382E-02	0.2653E-03	0.0000E+00
109	-0.1573E-04	0.4428E-02	0.4006E-03	0.0000E+00
110	-0.7343E-03	-0.6436E-02	-0.7944E-04	0.0000E+00
111	0.2000E-03	0.1435E-02	0.5330E-03	0.0000E+00
112	0.2012E-03	0.4464E-02	0.5380E-03	0.0000E+00
113	0.6011E-03	-0.4779E-02	0.4018E-04	0.0000E+00
114	0.4287E-03	0.4488E-02	0.6782E-03	0.0000E+00
115	0.6767E-03	0.4501E-02	0.8227E-03	0.0000E+00
116	0.8979E-03	0.4492E-02	0.9747E-03	0.0000E+00
117	0.9273E-03	0.1493E-02	0.6447E-03	0.0000E+00
118	0.9273E-03	0.4484E-02	0.1051E-02	0.0000E+00
119	0.9975E-03	0.4456E-02	0.1194E-02	0.0000E+00
120	0.2363E-02	0.1397E-02	0.7563E-03	0.0000E+00
121	0.1093E-02	0.4406E-02	0.1378E-02	0.0000E+00
122	0.1087E-02	0.4376E-02	0.1351E-02	0.7728E-05
123	0.1061E-02	0.4308E-02	0.1338E-02	0.1448E-04
124	0.1016E-02	0.4194E-02	0.1325E-02	0.2310E-04
125	0.9334E-03	0.4017E-02	0.1315E-02	0.3478E-04
126	0.7189E-03	0.3571E-02	0.1301E-02	0.5261E-04
127	0.4384E-03	0.2990E-02	0.1290E-02	0.6204E-04
128	-0.2027E-03	0.1574E-02	0.1268E-02	0.6291E-04
129	-0.7422E-03	0.3090E-03	0.1251E-02	0.5074E-04
130	-0.1161E-02	-0.7501E-03	0.1236E-02	0.3089E-04
131	-0.1416E-02	-0.1486E-02	0.1217E-02	0.5308E-05
132	-0.1386E-02	-0.1391E-02	0.1204E-02	-0.6136E-05
133	-0.1306E-02	-0.1083E-02	0.1194E-02	-0.6414E-05
134	-0.1253E-02	-0.8276E-03	0.1186E-02	-0.4980E-05
135	-0.1217E-02	-0.6020E-03	0.1181E-02	-0.4635E-05
136	-0.1193E-02	-0.4037E-03	0.1177E-02	-0.3992E-05
137	-0.1181E-02	-0.2247E-03	0.1176E-02	-0.3999E-05
138	-0.1172E-02	-0.3244E-04	0.1172E-02	-0.3981E-05
139	-0.1172E-02	-0.4093E-05	0.1172E-02	-0.4088E-05

THE FREQUENCY OF MODE NUMBER, 9 IS = 0.6602E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	-0.8523E-02	0.7125E-04	0.8609E-02	0.0000E+00
3	-0.1145E-01	-0.2625E-03	0.1161E-01	0.0000E+00
4	-0.1053E-01	-0.3421E-03	0.1055E-01	0.0000E+00
5	-0.8075E-02	-0.1150E-03	0.5070E-02	0.0000E+00
6	-0.4829E-02	-0.3234E-06	0.4833E-02	0.0000E+00
7	-0.7779E-02	-0.9341E-03	0.7442E-02	0.0000E+00
8	-0.4704E-02	-0.9709E-03	0.4569E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	-0.6419E-02	-0.2585E-03	0.5660E-02	0.0000E+00
11	-0.9154E-02	-0.8626E-03	0.8293E-02	0.0000E+00
12	-0.8862E-02	-0.1119E-02	0.7977E-02	0.0000E+00
13	-0.7128E-02	-0.1283E-02	0.6420E-02	0.0000E+00
14	-0.4476E-02	-0.1402E-02	0.4042E-02	0.0000E+00
15	-0.6458E-02	-0.1372E-02	0.5249E-02	0.0000E+00
16	-0.4112E-02	-0.1517E-02	0.3229E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.4722E-02	-0.1999E-03	0.3489E-02	0.0000E+00
19	-0.6965E-02	-0.7056E-03	0.5049E-02	0.0000E+00
20	-0.6891E-02	-0.9212E-03	0.4814E-02	0.0000E+00

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21	-0.5583E-02	-0.1154E-02	0.3747E-02	0.0000E+00
22	-0.3623E-02	-0.1362E-02	0.2210E-02	0.0000E+00
23	-0.4710E-02	-0.6871E-03	0.2236E-02	0.0000E+00
24	-0.3035E-02	-0.7758E-03	0.1057E-02	0.0000E+00
25	-0.2700E-02	-0.3711E-03	0.4493E-03	0.0000E+00
26	-0.2516E-02	-0.1587E-03	0.1256E-03	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.3256E-02	0.7389E-04	0.1072E-02	0.0000E+00
29	-0.4930E-02	-0.2746E-04	0.1541E-02	0.0000E+00
30	-0.4905E-02	-0.5017E-04	0.1375E-02	0.0000E+00
31	-0.3947E-02	-0.3326E-05	0.6998E-03	0.0000E+00
32	-0.2328E-02	0.1062E-03	-0.2015E-03	0.0000E+00
33	-0.3744E-02	0.5981E-04	0.3199E-03	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.2886E-02	0.1199E-03	0.6197E-03	0.0000E+00
36	-0.4401E-02	0.5163E-04	0.7648E-03	0.0000E+00
37	-0.4378E-02	0.9867E-04	0.6137E-03	0.0000E+00
38	-0.3544E-02	0.1058E-03	0.1729E-04	0.0000E+00
39	-0.2082E-02	0.2047E-03	-0.7219E-03	0.0000E+00
40	-0.2129E-02	0.1987E-03	-0.6032E-03	0.0000E+00
41	-0.2176E-02	0.1932E-03	-0.4964E-03	0.0000E+00
42	-0.2233E-02	0.1802E-03	-0.3663E-03	0.0000E+00
43	-0.3545E-02	0.2651E-03	-0.3554E-03	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1731E-02	0.3233E-03	-0.7714E-03	0.0000E+00
46	-0.2689E-02	0.4889E-03	-0.1038E-02	0.0000E+00
47	-0.2064E-02	0.2050E-03	-0.7774E-03	0.0000E+00
48	-0.2067E-02	0.2049E-03	-0.7584E-03	0.0000E+00
49	-0.3479E-02	0.1207E-03	-0.7083E-04	0.0000E+00
50	-0.2057E-02	0.2146E-03	-0.7958E-03	0.0000E+00
51	-0.2811E-02	0.2477E-03	-0.7778E-03	0.0000E+00
52	-0.1675E-02	0.3232E-03	-0.1278E-02	0.0000E+00
53	-0.2054E-02	0.2075E-03	-0.8448E-03	0.0000E+00
54	-0.2747E-02	0.5509E-03	-0.1020E-02	0.0000E+00
55	-0.2114E-02	0.5311E-03	-0.1136E-02	0.0000E+00
56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.1032E-02	0.5720E-03	-0.1200E-02	0.0000E+00
58	-0.1585E-02	0.9512E-03	-0.1259E-02	0.0000E+00
59	-0.1160E-02	0.5255E-03	-0.1236E-02	0.0000E+00
60	-0.1543E-02	0.3418E-03	-0.1384E-02	0.0000E+00
61	-0.2053E-02	0.2209E-03	-0.8219E-03	0.0000E+00
62	-0.1506E-02	0.1115E-02	-0.9711E-03	0.0000E+00
63	-0.9974E-03	0.1107E-02	-0.4663E-03	0.0000E+00
64	-0.1588E-02	0.3257E-03	-0.1322E-02	0.0000E+00
65	-0.2050E-02	0.2273E-03	-0.8480E-03	0.0000E+00
66	-0.2025E-02	0.2397E-03	-0.9005E-03	0.0000E+00
67	-0.1999E-02	0.2511E-03	-0.9529E-03	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.7295E-03	0.5821E-03	-0.1266E-02	0.0000E+00
70	-0.9621E-03	0.1127E-02	-0.1495E-02	0.0000E+00
71	-0.1860E-03	0.9747E-03	0.1207E-04	0.0000E+00
72	-0.1353E-02	0.3469E-03	-0.1493E-02	0.0000E+00
73	-0.3265E-03	0.1401E-02	0.1432E-03	0.0000E+00
74	-0.9306E-03	0.3180E-03	-0.1682E-02	0.0000E+00
75	-0.1976E-02	0.2626E-03	-0.1004E-02	0.0000E+00
76	-0.1830E-02	0.2812E-03	-0.1095E-02	0.0000E+00
77	0.3939E-03	0.1424E-02	0.1594E-02	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.5723E-03	0.7230E-03	-0.1963E-02	0.0000E+00
80	-0.5251E-03	0.1277E-02	-0.1822E-02	0.0000E+00

81	-0.3113E-03	0.1473E-02	-0.1298E-02	0.0000E+00
82	0.6707E-04	0.1551E-02	0.1732E-03	0.0000E+00
83	0.8667E-03	0.3169E-03	0.3894E-03	0.0000E+00
84	0.9601E-03	0.1603E-02	0.4357E-02	0.0000E+00
85	-0.1515E-02	0.3046E-03	-0.1217E-02	0.0000E+00
86	-0.2966E-03	0.2578E-03	-0.1849E-02	0.0000E+00
87	0.4533E-03	0.1570E-02	0.2147E-02	0.0000E+00
88	0.3895E-03	0.5024E-03	-0.8005E-03	0.0000E+00
89	-0.1215E-02	0.3250E-03	-0.1339E-02	0.0000E+00
90	0.8177E-03	0.7031E-03	-0.6252E-03	0.0000E+00
91	0.1070E-02	0.6164E-03	-0.7745E-03	0.0000E+00
92	0.1201E-02	0.5483E-03	-0.6637E-03	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	0.1694E-03	0.0000E+00	0.6220E-03	0.0000E+00
95	0.8240E-03	0.0000E+00	0.3276E-03	0.0000E+00
96	0.1117E-02	0.0000E+00	0.9529E-04	0.0000E+00
97	0.1331E-02	0.0000E+00	-0.1708E-04	0.0000E+00
98	0.1419E-02	0.0000E+00	-0.5780E-04	0.0000E+00
99	0.1351E-02	0.2880E-03	-0.4324E-03	0.0000E+00
100	0.1147E-02	0.7051E-03	0.9743E-04	0.0000E+00
101	0.1343E-02	0.1363E-02	0.5810E-02	0.0000E+00
102	-0.4046E-03	0.3485E-03	-0.1521E-02	0.0000E+00
103	0.1518E-02	0.6870E-03	0.1036E-02	0.0000E+00
104	0.8407E-03	0.1579E-03	-0.2201E-02	0.0000E+00
105	0.3399E-03	0.3707E-03	-0.1694E-02	0.0000E+00
106	0.1952E-02	0.5843E-03	0.1271E-02	0.0000E+00
107	0.1856E-02	0.1282E-03	-0.2414E-02	0.0000E+00
108	0.9919E-03	0.3835E-03	-0.1856E-02	0.0000E+00
109	0.1561E-02	0.3922E-03	-0.2001E-02	0.0000E+00
110	0.2377E-02	0.4207E-03	0.1226E-02	0.0000E+00
111	0.2538E-02	0.9638E-04	-0.2545E-02	0.0000E+00
112	0.2034E-02	0.3942E-03	-0.2127E-02	0.0000E+00
113	0.2639E-02	0.4047E-03	0.4019E-03	0.0000E+00
114	0.2416E-02	0.3941E-03	-0.2228E-02	0.0000E+00
115	0.2704E-02	0.3898E-03	-0.2306E-02	0.0000E+00
116	0.2870E-02	0.3842E-03	-0.2352E-02	0.0000E+00
117	0.2903E-02	0.1072E-03	-0.2589E-02	0.0000E+00
118	0.2383E-02	0.3807E-03	-0.2365E-02	0.0000E+00
119	0.2909E-02	0.3747E-03	-0.2372E-02	0.0000E+00
120	0.3058E-02	0.8229E-04	-0.2735E-02	0.0000E+00
121	0.2929E-02	0.3662E-03	-0.2371E-02	0.0000E+00
122	0.2929E-02	0.3610E-03	-0.2382E-02	0.1245E-05
123	0.2926E-02	0.3500E-03	-0.2390E-02	0.2252E-05
124	0.2920E-02	0.3322E-03	-0.2399E-02	0.3476E-05
125	0.2908E-02	0.3057E-03	-0.2407E-02	0.5069E-05
126	0.2879E-02	0.2412E-03	-0.2422E-02	0.7423E-05
127	0.2841E-02	0.1592E-03	-0.2436E-02	0.8623E-05
128	0.2757E-02	-0.3568E-04	-0.2464E-02	0.8447E-05
129	0.2689E-02	-0.2040E-03	-0.2491E-02	0.6573E-05
130	0.2639E-02	-0.3382E-03	-0.2520E-02	0.3702E-05
131	0.2625E-02	-0.3975E-03	-0.2565E-02	-0.6925E-06
132	0.2658E-02	-0.3054E-03	-0.2606E-02	-0.3008E-05
133	0.2701E-02	-0.1636E-03	-0.2645E-02	-0.2963E-05
134	0.2725E-02	-0.6823E-04	-0.2678E-02	-0.1466E-05
135	0.2733E-02	-0.4031E-04	-0.2704E-02	-0.3238E-06
136	0.2737E-02	-0.2923E-04	-0.2724E-02	-0.3956E-06
137	0.2740E-02	-0.1747E-04	-0.2736E-02	-0.3432E-06
138	0.2742E-02	-0.3218E-05	-0.2742E-02	-0.4981E-06
139	0.2742E-02	-0.3525E-06	-0.2742E-02	-0.3584E-06

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THE FREQUENCY OF MODE NUMBER, 10 IS = 0.6833E+02 (FOR FOURIER TERM N = 1)

N.P.	R	Z	T	THETA
1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
2	-0.2776E-02	-0.5695E-04	0.3436E-02	0.0000E+00
3	-0.4455E-02	-0.3557E-03	0.4380E-02	0.0000E+00
4	-0.4269E-02	-0.5164E-03	0.3717E-02	0.0000E+00
5	-0.3285E-02	-0.1772E-04	0.3214E-02	0.0000E+00
6	-0.2010E-02	-0.5998E-05	0.2017E-02	0.0000E+00
7	-0.3066E-02	-0.7162E-03	0.3111E-02	0.0000E+00
8	-0.1985E-02	-0.8037E-03	0.2004E-02	0.0000E+00
9	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
10	-0.2175E-02	-0.1352E-03	0.2121E-02	0.0000E+00
11	-0.3345E-02	-0.6035E-03	0.3483E-02	0.0000E+00
12	-0.3346E-02	-0.8184E-03	0.3449E-02	0.0000E+00
13	-0.2810E-02	-0.1008E-02	0.2971E-02	0.0000E+00
14	-0.1901E-02	-0.1150E-02	0.2032E-02	0.0000E+00
15	-0.2532E-02	-0.9296E-03	0.3004E-02	0.0000E+00
16	-0.1751E-02	-0.1165E-02	0.2089E-02	0.0000E+00
17	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
18	-0.1353E-02	0.7763E-04	0.1968E-02	0.0000E+00
19	-0.2376E-02	-0.2128E-03	0.3286E-02	0.0000E+00
20	-0.2551E-02	-0.3595E-03	0.3343E-02	0.0000E+00
21	-0.2142E-02	-0.6462E-03	0.2969E-02	0.0000E+00
22	-0.1536E-02	-0.9252E-03	0.2172E-02	0.0000E+00
23	-0.1747E-02	0.1163E-03	0.3043E-02	0.0000E+00
24	-0.1247E-02	-0.1295E-03	0.2279E-02	0.0000E+00
25	-0.1071E-02	0.3958E-03	0.2339E-02	0.0000E+00
26	-0.9711E-03	0.6450E-03	0.2372E-02	0.0000E+00
27	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
28	-0.9841E-03	0.6119E-03	0.1854E-02	0.0000E+00
29	-0.1732E-02	0.9064E-03	0.3186E-02	0.0000E+00
30	-0.1904E-02	0.9890E-03	0.3344E-02	0.0000E+00
31	-0.1492E-02	0.9463E-03	0.3060E-02	0.0000E+00
32	-0.8717E-03	0.9492E-03	0.2404E-02	0.0000E+00
33	-0.1431E-02	0.1096E-02	0.3115E-02	0.0000E+00
34	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
35	-0.9917E-03	0.7081E-03	0.1846E-02	0.0000E+00
36	-0.1645E-02	0.1132E-02	0.3184E-02	0.0000E+00
37	-0.1747E-02	0.1267E-02	0.3319E-02	0.0000E+00
38	-0.1344E-02	0.1188E-02	0.3155E-02	0.0000E+00
39	-0.7461E-03	0.1050E-02	0.2530E-02	0.0000E+00
40	-0.7689E-03	0.1044E-02	0.2494E-02	0.0000E+00
41	-0.7902E-03	0.1038E-02	0.2459E-02	0.0000E+00
42	-0.8178E-03	0.1021E-02	0.2428E-02	0.0000E+00
43	-0.1474E-02	0.1697E-02	0.3196E-02	0.0000E+00
44	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
45	-0.1162E-02	0.9751E-03	0.1441E-02	0.0000E+00
46	-0.1380E-02	0.1696E-02	0.2565E-02	0.0000E+00
47	-0.7393E-03	0.1051E-02	0.2557E-02	0.0000E+00
48	-0.7389E-03	0.1051E-02	0.2542E-02	0.0000E+00
49	-0.1305E-02	0.1213E-02	0.3158E-02	0.0000E+00
50	-0.7311E-03	0.1045E-02	0.2547E-02	0.0000E+00
51	-0.9152E-03	0.1585E-02	0.3210E-02	0.0000E+00
52	-0.2974E-03	0.1351E-02	0.3045E-02	0.0000E+00
53	-0.7429E-03	0.1064E-02	0.2609E-02	0.0000E+00
54	-0.1159E-02	0.1852E-02	0.2804E-02	0.0000E+00
55	-0.5014E-03	0.1776E-02	0.2883E-02	0.0000E+00

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56	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
57	-0.1315E-02	0.7382E-03	0.9479E-03	0.0000E+00
58	-0.1044E-02	0.1346E-02	0.1342E-02	0.0000E+00
59	0.3542E-03	0.1418E-02	0.2649E-02	0.0000E+00
60	-0.1476E-03	0.1455E-02	0.3109E-02	0.0000E+00
61	-0.7286E-03	0.1043E-02	0.2549E-02	0.0000E+00
62	-0.4877E-03	0.1567E-02	0.1209E-02	0.0000E+00
63	0.5487E-03	0.1463E-02	0.9340E-03	0.0000E+00
64	-0.2203E-03	0.1333E-02	0.3035E-02	0.0000E+00
65	-0.7292E-03	0.1042E-02	0.2551E-02	0.0000E+00
66	-0.7071E-03	0.1039E-02	0.2554E-02	0.0000E+00
67	-0.6879E-03	0.1033E-02	0.2555E-02	0.0000E+00
68	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
69	-0.1075E-02	0.4182E-03	0.1015E-02	0.0000E+00
70	-0.8549E-03	0.7511E-03	0.1385E-02	0.0000E+00
71	0.1755E-02	0.1193E-02	0.7103E-03	0.0000E+00
72	0.2314E-04	0.1383E-02	0.3158E-02	0.0000E+00
73	0.1160E-02	0.9529E-03	-0.1128E-03	0.0000E+00
74	0.3992E-03	0.1223E-02	0.3192E-02	0.0000E+00
75	-0.6714E-03	0.1028E-02	0.2555E-02	0.0000E+00
76	-0.5643E-03	0.1013E-02	0.2554E-02	0.0000E+00
77	0.2591E-02	0.9525E-03	-0.1524E-02	0.0000E+00
78	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
79	-0.1101E-02	0.4586E-04	0.1889E-02	0.0000E+00
80	-0.5915E-03	0.1258E-03	0.1720E-02	0.0000E+00
81	-0.7243E-04	0.1984E-03	0.1235E-02	0.0000E+00
82	0.1060E-02	0.3687E-03	-0.2324E-03	0.0000E+00
83	0.3037E-02	0.6872E-03	0.3606E-03	0.0000E+00
84	0.4009E-02	0.8832E-03	-0.4479E-02	0.0000E+00
85	-0.3427E-03	0.9873E-03	0.2548E-02	0.0000E+00
86	0.8888E-03	0.8891E-03	0.3080E-03	0.0000E+00
87	0.2495E-02	0.5809E-03	-0.2245E-02	0.0000E+00
88	0.2079E-02	0.8433E-03	0.1848E-02	0.0000E+00
89	-0.1254E-03	0.9575E-03	0.2534E-02	0.0000E+00
90	-0.4567E-03	0.1939E-03	0.8033E-03	0.0000E+00
91	0.3472E-03	0.4158E-03	0.1296E-02	0.0000E+00
92	0.1007E-02	0.5898E-03	0.1334E-02	0.0000E+00
93	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
94	-0.1142E-02	0.0000E+00	-0.9562E-03	0.0000E+00
95	-0.1868E-02	0.0000E+00	-0.5756E-03	0.0000E+00
96	-0.1874E-02	0.0000E+00	-0.2334E-03	0.0000E+00
97	-0.1446E-02	0.0000E+00	-0.2605E-04	0.0000E+00
98	-0.1069E-02	0.0000E+00	0.5695E-04	0.0000E+00
99	-0.6832E-03	0.2229E-03	0.6227E-03	0.0000E+00
100	0.2011E-02	0.7307E-03	0.6223E-03	0.0000E+00
101	0.5134E-02	0.1042E-02	-0.5646E-02	0.0000E+00
102	0.4228E-03	0.9030E-03	0.2504E-02	0.0000E+00
103	0.3879E-02	0.4042E-03	0.8385E-04	0.0000E+00
104	0.1688E-02	0.3587E-03	0.3077E-02	0.0000E+00
105	0.9471E-03	0.8425E-03	0.2462E-02	0.0000E+00
106	0.4020E-02	0.6902E-04	0.5159E-04	0.0000E+00
107	0.2332E-02	-0.1636E-03	0.2987E-02	0.0000E+00
108	0.1356E-02	0.7730E-03	0.2413E-02	0.0000E+00
109	0.1735E-02	0.6992E-03	0.2358E-02	0.0000E+00
110	0.3513E-02	-0.4221E-03	0.4745E-03	0.0000E+00
111	0.2632E-02	-0.6354E-03	0.2962E-02	0.0000E+00
112	0.1996E-02	0.6210E-03	0.2301E-02	0.0000E+00
113	0.3564E-02	-0.7948E-03	0.1018E-02	0.0000E+00
114	0.2219E-02	0.5445E-03	0.2242E-02	0.0000E+00
115	0.2334E-02	0.4679E-03	0.2184E-02	0.0000E+00

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116	0.2387E-02	0.3963E-03	0.2129E-02	0.0000E+00
117	0.2730E-02	-0.1025E-02	0.2874E-02	0.0000E+00
118	0.2384E-02	0.3611E-03	0.2099E-02	0.0000E+00
119	0.2366E-02	0.3156E-03	0.2064E-02	0.0000E+00
120	0.2696E-02	-0.1526E-02	0.2930E-02	0.0000E+00
121	0.2342E-02	0.2573E-03	0.2039E-02	0.0000E+00
122	0.2339E-02	0.1964E-03	0.1964E-02	0.1526E-04
123	0.2291E-02	0.6285E-04	0.1905E-02	0.2794E-04
124	0.2207E-02	-0.1563E-03	0.1848E-02	0.4359E-04
125	0.2056E-02	-0.4856E-03	0.1791E-02	0.6416E-04
126	0.1672E-02	-0.1299E-02	0.1700E-02	0.9455E-04
127	0.1178E-02	-0.2337E-02	0.1613E-02	0.1095E-03
128	0.7649E-04	-0.4799E-02	0.1438E-02	0.1070E-03
129	-0.8068E-03	-0.6900E-02	0.1280E-02	0.8129E-04
130	-0.1424E-02	-0.8499E-02	0.1115E-02	0.4194E-04
131	-0.1643E-02	-0.9200E-02	0.8753E-03	-0.4263E-05
132	-0.1385E-02	-0.8425E-02	0.6858E-03	-0.2376E-04
133	-0.1076E-02	-0.7321E-02	0.5291E-03	-0.2393E-04
134	-0.8215E-03	-0.6177E-02	0.4130E-03	-0.2771E-04
135	-0.5602E-03	-0.4657E-02	0.3289E-03	-0.3539E-04
136	-0.3622E-03	-0.3085E-02	0.2624E-03	-0.3233E-04
137	-0.2573E-03	-0.1684E-02	0.2298E-03	-0.3070E-04
138	-0.1911E-03	-0.2406E-03	0.1928E-03	-0.2979E-04
139	-0.1912E-03	-0.3022E-04	0.1911E-03	-0.3021E-04

MAX. DIMENSION OF D --------- 60000
MIN. DIM. FOR RESPON 1 OR 2 - 58442

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```
NO OF GROUND ACCELERATION RECORD-------- 1001
TIME INTERVAL FOR INTEGRATION---------- 0.100E-01
NUMBER OF CYCLES OF INTEGRATION-------- 1000
INTERVAL FOR DISPL AND STRESS PRINTING-   10
FLAG FOR STRESS CALCULATION------------    0
    0---- CALCULATE STRESSES
    1---- SKIP STRESS CALCULATION
```

MODE	DAMPING
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000

37

000040

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VLO-K-65 TANK FACILITY - 50 YEAR DESIGN EVENT

SCALE FACTOR FOR TIME 1.000

SCALE FACTOR FOR ACCELERATION 386.400

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NO	TIME	ACCELERATION
1	0.000000	0.000000
2	0.010000	-0.309120
3	0.020000	-0.193200
4	0.030000	-15.726480
5	0.040000	-10.316880
6	0.050000	-15.185520
7	0.060000	-0.193200
8	0.070000	-0.309120
9	0.080000	-0.386400
10	0.090000	-0.463680
11	0.100000	-0.695520
12	0.110000	-1.004640
13	0.120000	-1.584240
14	0.130000	-2.163840
15	0.140000	-2.666160
16	0.150000	-3.168480
17	0.160000	-3.361680
18	0.170000	-3.361680
19	0.180000	-3.207120
20	0.190000	-2.898000
21	0.200000	-2.434320
22	0.210000	-1.700160
23	0.220000	-1.043280
24	0.230000	-0.695520
25	0.240000	-0.540960
26	0.250000	-0.270480
27	0.260000	0.386400
28	0.270000	1.236480
29	0.280000	1.854720
30	0.290000	1.893360
31	0.300000	1.661520
32	0.310000	1.468320
33	0.320000	1.197840
34	0.330000	1.352400
35	0.340000	1.816080
36	0.350000	1.661520
37	0.360000	1.584240
38	0.370000	1.506960
39	0.380000	1.313760
40	0.390000	1.777440
41	0.400000	1.970640
42	0.410000	1.854720
43	0.420000	2.279760
44	0.430000	2.743440
45	0.440000	3.864000
46	0.450000	5.564160
47	0.460000	6.336960
48	0.470000	6.646080
49	0.480000	7.071120
50	0.490000	7.225680
51	0.500000	7.341600

52	0.510000	7.496160
53	0.520000	7.418880
54	0.530000	6.916560
55	0.540000	5.680080
56	0.550000	3.902640
57	0.560000	1.700160
58	0.570000	-0.463680
59	0.580000	-1.661520
60	0.590000	-2.163840
61	0.600000	-1.970640
62	0.610000	-0.811440
63	0.620000	9.698640
64	0.630000	-0.425040
65	0.640000	-1.313760
66	0.650000	-2.202480
67	0.660000	-4.173120
68	0.670000	-6.336960
69	0.680000	-7.496160
70	0.690000	-8.075760
71	0.700000	-7.264320
72	0.710000	-4.675440
73	0.720000	-1.197840
74	0.730000	2.009280
75	0.740000	3.864000
76	0.750000	5.293680
77	0.760000	6.066480
78	0.770000	5.757360
79	0.780000	6.066480
80	0.790000	5.486880
81	0.800000	3.748080
82	0.810000	3.515240
83	0.820000	2.627520
84	0.830000	1.081920
85	0.840000	0.425040
86	0.850000	-1.197840
87	0.860000	-2.859360
88	0.870000	-2.743440
89	0.880000	-1.777440
90	0.890000	-0.511440
91	0.900000	-0.695520
92	0.910000	-0.966000
93	0.920000	-0.734160
94	0.930000	-0.695520
95	0.940000	-0.966000
96	0.950000	-0.695520
97	0.960000	0.154560
98	0.970000	0.579600
99	0.980000	0.927360
100	0.990000	2.666160
101	1.000000	4.791360
102	1.010000	5.525520
103	1.020000	5.564160
104	1.030000	5.177760
105	1.040000	4.018560
106	1.050000	3.593520
107	1.060000	4.289040
108	1.070000	6.027840
109	1.080000	8.925840
110	1.090000	10.896480
111	1.100000	10.780560

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112	1.110000	9.429160
113	1.120000	7.225680
114	1.130000	3.941280
115	1.140000	0.850080
116	1.150000	-0.927360
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	18.894960
129	1.280000	1.004640
130	1.290000	2.047920
131	1.300000	2.395680
132	1.310000	2.163840
133	1.320000	0.734160
134	1.330000	-0.772800
135	1.340000	-1.506960
136	1.350000	-2.163840
137	1.360000	-2.279760
138	1.370000	-1.932000
139	1.380000	-0.540960
140	1.390000	1.352400
141	1.400000	1.777440
142	1.410000	1.429680
143	1.420000	0.350080
144	1.430000	-0.463680
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	-6.877920
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	5.989200
165	1.640000	8.384880
166	1.650000	9.389520
167	1.660000	9.737280
168	1.670000	9.234960
169	1.680000	8.771280
170	1.690000	8.771280
171	1.700000	8.848560

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172	1.710000	5.153040
173	1.720000	6.993840
174	1.730000	6.452880
175	1.740000	4.907280
176	1.750000	2.898000
177	1.760000	1.661520
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	-6.414240
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	0.540960
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	-0.193200
207	2.060000	-2.588880
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	0.540960
225	2.240000	-3.400320
226	2.250000	-7.264320
227	2.260000	-10.819200
228	2.270000	-12.983040
229	2.280000	-13.678560
230	2.290000	-13.253520
231	2.300000	-12.055680

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232	2.310000	-11.553360
233	2.320000	-10.537360
234	2.330000	-9.775920
235	2.340000	-9.312240
236	2.350000	-6.800640
237	2.360000	-4.520880
238	2.370000	-2.318400
239	2.380000	0.772800
240	2.390000	1.777440
241	2.400000	2.472960
242	2.410000	2.434320
243	2.420000	0.888720
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	0.463680
252	2.510000	-0.772800
253	2.520000	-0.888720
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	-4.289040
260	2.590000	-3.979920
261	2.600000	-3.364000
262	2.610000	-2.782080
263	2.620000	-0.966000
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	0.579600
270	2.690000	-0.540960
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	0.154560
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	-2.859360
286	2.850000	-2.009280
287	2.860000	0.309120
288	2.870000	2.627520
289	2.880000	5.564160
290	2.890000	6.800640
291	2.900000	6.491520

42

43

292	2.910000	5.950360
293	2.920000	4.134480
294	2.930000	1.816080
295	2.940000	0.193200
296	2.950000	-0.656850
297	2.960000	-1.468320
298	2.970000	-2.898000
299	2.980000	-3.207120
300	2.990000	-2.241120
301	3.000000	-1.468320
302	3.010000	-0.695520
303	3.020000	-0.154560
304	3.030000	-0.540960
305	3.040000	0.838720
306	3.050000	10.587360
307	3.060000	-0.695520
308	3.070000	-0.772800
309	3.080000	0.231840
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	0.193200
318	3.170000	0.772800
319	3.180000	1.313760
320	3.190000	10.355520
321	3.200000	0.193200
322	3.210000	13.910400
323	3.220000	-0.502320
324	3.230000	0.772800
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	3.129840
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	0.193200

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59 22

44

352	3.510000	-2.279760
353	3.520000	-3.593520
354	3.530000	-1.970640
355	3.540000	-0.888720
356	3.550000	0.838720
357	3.560000	2.202480
358	3.570000	3.859360
359	3.580000	4.945920
360	3.590000	5.834640
361	3.600000	5.486880
362	3.610000	4.250400
363	3.620000	2.395680
364	3.630000	0.656880
365	3.640000	-1.661520
366	3.650000	-2.163840
367	3.660000	-2.009280
368	3.670000	-3.168480
369	3.680000	-3.013920
370	3.690000	-1.622830
371	3.700000	-1.197840
372	3.710000	-2.395680
373	3.720000	-2.163840
374	3.730000	-0.154560
375	3.740000	1.468320
376	3.750000	5.023200
377	3.760000	8.346240
378	3.770000	9.582720
379	3.780000	11.321520
380	3.790000	11.012400
381	3.800000	9.041760
382	3.810000	7.032480
383	3.820000	2.898000
384	3.830000	-1.275120
385	3.840000	-4.289040
386	3.850000	-6.762000
387	3.860000	-7.187040
388	3.870000	-7.457520
389	3.880000	-9.428160
390	3.890000	-10.819200
391	3.900000	-10.162320
392	3.910000	-9.312240
393	3.920000	-8.809920
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	-6.377920
410	4.090000	-8.307600
411	4.100000	-8.925840

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45

412	4.110000	-8.539440
413	4.120000	-7.882560
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	-0.966000
420	4.190000	1.932000
421	4.200000	3.902640
422	4.210000	4.520880
423	4.220000	4.598160
424	4.230000	4.211760
425	4.240000	3.168480
426	4.250000	3.516240
427	4.260000	4.095840
428	4.270000	4.830000
429	4.280000	6.298320
430	4.290000	6.027840
431	4.300000	6.105120
432	4.310000	6.192400
433	4.320000	4.752720
434	4.330000	3.670800
435	4.340000	2.241120
436	4.350000	0.502320
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	-5.443240
443	4.420000	-3.207120
444	4.430000	-0.386400
445	4.440000	3.168480
446	4.450000	6.336960
447	4.460000	8.887200
448	4.470000	10.780560
449	4.480000	12.171600
450	4.490000	12.667120
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	7.959840
457	4.560000	6.259630
458	4.570000	4.327680
459	4.580000	3.786720
460	4.590000	3.168480
461	4.600000	2.241120
462	4.610000	0.772800
463	4.620000	-0.850080
464	4.630000	-1.159200
465	4.640000	-2.241120
466	4.650000	-1.970640
467	4.660000	12.635280
468	4.670000	0.772800
469	4.680000	2.279760
470	4.690000	2.627520
471	4.700000	0.850080

472	4.710000	0.618240
473	4.720000	-0.540960
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	-9.389520
482	4.810000	-10.543720
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
488	4.870000	-5.216400
489	4.880000	-3.554880
490	4.890000	-1.313760
491	4.900000	2.241120
492	4.910000	3.593520
493	4.920000	2.550240
494	4.930000	2.318400
495	4.940000	2.975280
496	4.950000	2.704800
497	4.960000	1.545600
498	4.970000	0.386400
499	4.980000	-1.970640
500	4.990000	-3.748080
501	5.000000	-4.173120
502	5.010000	-3.091200
503	5.020000	-0.695520
504	5.030000	2.318400
505	5.040000	3.670800
506	5.050000	3.825360
507	5.060000	4.636800
508	5.070000	4.791360
509	5.080000	4.714080
510	5.090000	5.139120
511	5.100000	5.486880
512	5.110000	7.341600
513	5.120000	9.003120
514	5.130000	8.462160
515	5.140000	7.766640
516	5.150000	5.602800
517	5.160000	2.936640
518	5.170000	2.472960
519	5.180000	1.506960
520	5.190000	10.885680
521	5.200000	-0.270480
522	5.210000	-1.275120
523	5.220000	-2.086560
524	5.230000	-2.175200
525	5.240000	-2.163840
526	5.250000	-2.395680
527	5.260000	-2.898000
528	5.270000	-2.782080
529	5.280000	-2.320720
530	5.290000	-3.709440
531	5.300000	-4.443600

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532	5.310000	-5.332320
533	5.320000	-5.873280
534	5.330000	-5.332320
535	5.340000	-4.443600
536	5.350000	-4.290400
537	5.360000	-4.057200
538	5.370000	-2.472960
539	5.380000	-1.120560
540	5.390000	-0.231840
541	5.400000	1.275120
542	5.410000	1.545600
543	5.420000	2.395680
544	5.430000	5.525520
545	5.440000	8.230320
546	5.450000	10.857840
547	5.460000	14.026320
548	5.470000	16.692480
549	5.480000	18.160800
550	5.490000	18.276720
551	5.500000	18.972240
552	5.510000	19.320000
553	5.520000	17.272080
554	5.530000	13.833120
555	5.540000	9.428160
556	5.550000	4.830000
557	5.560000	1.854720
558	5.570000	5.525520
559	5.580000	-0.734160
560	5.590000	-0.386400
561	5.600000	0.309120
562	5.610000	0.540960
563	5.620000	-0.966000
564	5.630000	-3.786720
565	5.640000	-5.641440
566	5.650000	-5.796000
567	5.660000	-4.636800
568	5.670000	-2.898000
569	5.680000	-1.004640
570	5.690000	0.898720
571	5.700000	2.936640
572	5.710000	4.752720
573	5.720000	5.100480
574	5.730000	4.984560
575	5.740000	5.602800
576	5.750000	5.602800
577	5.760000	6.143760
578	5.770000	7.921200
579	5.780000	8.578080
580	5.790000	7.805280
581	5.800000	5.873280
582	5.810000	3.632160
583	5.820000	1.506960
584	5.830000	-2.279760
585	5.840000	-5.950560
586	5.850000	-8.423520
587	5.860000	-10.896480
588	5.870000	-11.592000
589	5.880000	-10.780560
590	5.890000	-9.544080
591	5.900000	-7.959840

48

592	5.910000	-6.916560
593	5.920000	-5.641440
594	5.930000	-4.907280
595	5.940000	-5.216400
596	5.950000	-4.752720
597	5.960000	-4.482240
598	5.970000	-4.675440
599	5.980000	-3.748080
600	5.990000	-2.743440
601	6.000000	-2.593880
602	6.010000	-2.704800
603	6.020000	-2.704800
604	6.030000	-2.086560
605	6.040000	-0.734160
606	6.050000	0.540960
607	6.060000	2.125200
608	6.070000	4.635800
609	6.080000	5.796000
610	6.090000	5.370960
611	6.100000	5.023200
612	6.110000	3.786720
613	6.120000	3.091200
614	6.130000	3.902640
615	6.140000	2.898000
616	6.150000	0.502320
617	6.160000	-1.236480
618	6.170000	-3.245760
619	6.180000	-5.486880
620	6.190000	-7.573440
621	6.200000	-9.312240
622	6.210000	-10.046400
623	6.220000	-10.239600
624	6.230000	-8.616720
625	6.240000	-5.023200
626	6.250000	-3.554880
627	6.260000	-3.438960
628	6.270000	-2.538860
629	6.280000	-2.898000
630	6.290000	-2.782080
631	6.300000	-2.241120
632	6.310000	-2.472960
633	6.320000	-1.081920
634	6.330000	0.966000
635	6.340000	2.820720
636	6.350000	5.100480
637	6.360000	6.221040
638	6.370000	6.568800
639	6.380000	6.143760
640	6.390000	4.752720
641	6.400000	3.554880
642	6.410000	1.932000
643	6.420000	-0.154560
644	6.430000	-2.975280
645	6.440000	-6.221040
646	6.450000	-8.423520
647	6.460000	-10.316880
648	6.470000	-11.746560
649	6.480000	-12.017040
650	6.490000	-11.823840
651	6.500000	-11.012400

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652	6.510000	-9.466800
653	6.520000	-7.457520
654	6.530000	-5.873280
655	6.540000	-4.675440
656	6.550000	-3.748080
657	6.560000	-4.714080
658	6.570000	-6.298320
659	6.580000	-6.955200
660	6.590000	-7.071120
661	6.600000	-5.718720
662	6.610000	-3.941280
663	6.620000	-3.091200
664	6.630000	-2.163840
665	6.640000	-1.622880
666	6.650000	-0.850080
667	6.660000	0.850080
668	6.670000	1.545600
669	6.680000	1.275120
670	6.690000	1.506960
671	6.700000	1.700160
672	6.710000	1.932000
673	6.720000	2.511600
674	6.730000	2.666160
675	6.740000	2.318400
676	6.750000	2.318400
677	6.760000	2.550240
678	6.770000	2.163840
679	6.780000	1.043280
680	6.790000	-0.309120
681	6.800000	-2.163840
682	6.810000	-4.675440
683	6.820000	-6.530160
684	6.830000	-7.706640
685	6.840000	-9.582720
686	6.850000	-11.360160
687	6.860000	-11.978400
688	6.870000	-11.205600
689	6.880000	-10.046400
690	6.890000	-9.080400
691	6.900000	-7.689360
692	6.910000	-6.452880
693	6.920000	-5.448240
694	6.930000	-4.327680
695	6.940000	-3.709440
696	6.950000	-3.284400
697	6.960000	-3.245760
698	6.970000	-3.554880
699	6.980000	-3.013920
700	6.990000	-1.545600
701	7.000000	8.539440
702	7.010000	1.236480
703	7.020000	2.279760
704	7.030000	2.975280
705	7.040000	2.125200
706	7.050000	1.622880
707	7.060000	2.357040
708	7.070000	3.284400
709	7.080000	5.216400
710	7.090000	6.491520
711	7.100000	6.916560

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712	7.110000	7.612030
713	7.120000	5.939200
714	7.130000	3.786720
715	7.140000	3.091200
716	7.150000	1.506960
717	7.160000	0.193200
718	7.170000	0.927360
719	7.180000	0.347760
720	7.190000	0.850080
721	7.200000	1.159200
722	7.210000	2.550240
723	7.220000	3.052560
724	7.230000	2.434320
725	7.240000	3.052560
726	7.250000	3.052560
727	7.260000	3.129840
728	7.270000	4.791360
729	7.280000	6.221040
730	7.290000	7.650720
731	7.300000	8.539440
732	7.310000	8.771280
733	7.320000	9.350880
734	7.330000	9.466800
735	7.340000	9.544080
736	7.350000	9.930480
737	7.360000	10.355520
738	7.370000	11.089680
739	7.380000	10.973760
740	7.390000	9.273600
741	7.400000	6.568800
742	7.410000	3.593520
743	7.420000	0.927360
744	7.430000	-0.966000
745	7.440000	-2.279760
746	7.450000	-3.361680
747	7.460000	-3.709440
748	7.470000	-3.554880
749	7.480000	-3.245760
750	7.490000	-2.859360
751	7.500000	-2.704800
752	7.510000	-1.468320
753	7.520000	-6.684720
754	7.530000	0.386400
755	7.540000	2.047920
756	7.550000	3.709440
757	7.560000	4.095840
758	7.570000	4.675440
759	7.580000	4.482240
760	7.590000	3.284400
761	7.600000	2.395680
762	7.610000	1.854720
763	7.620000	1.854720
764	7.630000	1.893360
765	7.640000	1.893360
766	7.650000	2.357040
767	7.660000	3.013920
768	7.670000	3.554880
769	7.680000	3.325360
770	7.690000	4.520880
771	7.700000	5.409600

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772	7.710000	5.939200
773	7.720000	6.375600
774	7.730000	6.182400
775	7.740000	5.680080
776	7.750000	5.139120
777	7.760000	4.095840
778	7.770000	3.129840
779	7.780000	3.129840
780	7.790000	3.168480
781	7.800000	2.357040
782	7.810000	1.584240
783	7.820000	1.081920
784	7.830000	0.734160
785	7.840000	0.618240
786	7.850000	0.386400
787	7.860000	-0.193200
788	7.870000	-1.429680
789	7.880000	-2.898000
790	7.890000	-4.211760
791	7.900000	-5.911920
792	7.910000	-6.452880
793	7.920000	-6.182400
794	7.930000	-6.568800
795	7.940000	-6.259680
796	7.950000	-5.911920
797	7.960000	-5.796000
798	7.970000	-5.023200
799	7.980000	-5.332320
800	7.990000	-5.757360
801	8.000000	-5.332320
802	8.010000	-5.023200
803	8.020000	-4.057200
804	8.030000	-3.168480
805	8.040000	-2.898000
806	8.050000	-2.202480
807	8.060000	-1.854720
808	8.070000	-1.816080
809	8.080000	-1.429680
810	8.090000	-0.927360
811	8.100000	10.239600
812	8.110000	1.545600
813	8.120000	3.129840
814	8.130000	4.366320
815	8.140000	4.714080
816	8.150000	4.404960
817	8.160000	3.516240
818	8.170000	2.357040
819	8.180000	1.120560
820	8.190000	-0.734160
821	8.200000	-2.318400
822	8.210000	-3.284400
823	8.220000	-4.095840
824	8.230000	-4.482240
825	8.240000	-4.830000
826	8.250000	-4.714080
827	8.260000	-3.323040
828	8.270000	-1.661520
829	8.280000	0.425040
830	8.290000	2.704800
831	8.300000	4.057200

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832	8.310000	4.830000
833	8.320000	4.714080
834	8.330000	3.670800
835	8.340000	2.859360
836	8.350000	2.125200
837	8.360000	1.120560
838	8.370000	0.154560
839	8.380000	-0.270480
840	8.390000	-0.579600
841	8.400000	-0.927360
842	8.410000	-0.811440
843	8.420000	-0.734160
844	8.430000	-0.347760
845	8.440000	17.349360
846	8.450000	1.854720
847	8.460000	0.347760
848	8.470000	15.340080
849	8.480000	-0.898720
850	8.490000	-1.197840
851	8.500000	-1.661520
852	8.510000	-1.584240
853	8.520000	-0.850080
854	8.530000	-0.618240
855	8.540000	0.193200
856	8.550000	1.004640
857	8.560000	0.927360
858	8.570000	0.502320
859	8.580000	0.231840
860	8.590000	-4.830000
861	8.600000	-0.540960
862	8.610000	-0.734160
863	8.620000	-0.888720
864	8.630000	-1.197840
865	8.640000	-0.734160
866	8.650000	-8.848560
867	8.660000	0.850080
868	8.670000	1.854720
869	8.680000	2.318400
870	8.690000	2.898000
871	8.700000	3.245760
872	8.710000	3.207120
873	8.720000	3.361680
874	8.730000	3.670800
875	8.740000	4.211760
876	8.750000	4.211760
877	8.760000	4.211760
878	8.770000	4.134480
879	8.780000	2.975280
880	8.790000	1.854720
881	8.800000	1.004640
882	8.810000	0.309120
883	8.820000	-3.632160
884	8.830000	-1.120560
885	8.840000	-2.202480
886	8.850000	-2.743440
887	8.860000	-3.361680
888	8.870000	-3.554880
889	8.880000	-3.400320
890	8.890000	-3.323040
891	8.900000	-3.438960

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892	8.910000	-5.670800
893	8.920000	-3.748080
894	8.930000	-3.400320
895	8.940000	-2.550240
896	8.950000	-1.584240
897	8.960000	-0.734160
898	8.970000	-10.780560
899	8.980000	0.154560
900	8.990000	0.231840
901	9.000000	0.154560
902	9.010000	7.071120
903	9.020000	5.641440
904	9.030000	15.649200
905	9.040000	0.386400
906	9.050000	0.850080
907	9.060000	1.081920
908	9.070000	1.159200
909	9.080000	1.197840
910	9.090000	0.966000
911	9.100000	0.347760
912	9.110000	-0.270480
913	9.120000	-0.695520
914	9.130000	-1.313760
915	9.140000	-1.893360
916	9.150000	-2.434320
917	9.160000	-3.013920
918	9.170000	-3.593520
919	9.180000	-4.173120
920	9.190000	-4.404960
921	9.200000	-4.095840
922	9.210000	-3.361680
923	9.220000	-2.318400
924	9.230000	-1.081920
925	9.240000	2.627520
926	9.250000	0.425040
927	9.260000	0.618240
928	9.270000	0.656880
929	9.280000	0.425040
930	9.290000	0.502320
931	9.300000	0.347760
932	9.310000	0.154560
933	9.320000	0.425040
934	9.330000	0.386400
935	9.340000	0.309120
936	9.350000	0.231840
937	9.360000	-9.775920
938	9.370000	-0.154560
939	9.380000	-14.721840
940	9.390000	-10.703280
941	9.400000	-0.231840
942	9.410000	-0.425040
943	9.420000	-0.347760
944	9.430000	-0.347760
945	9.440000	-0.502320
946	9.450000	-0.695520
947	9.460000	-0.888720
948	9.470000	-1.043280
949	9.480000	-1.004640
950	9.490000	-0.811440
951	9.500000	-0.540960

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952	9.510000	-16.962960
953	9.520000	0.386400
954	9.530000	0.695520
955	9.540000	0.927360
956	9.550000	1.004640
957	9.560000	0.850080
958	9.570000	0.811440
959	9.580000	0.656880
960	9.590000	0.425040
961	9.600000	0.309120
962	9.610000	18.083520
963	9.620000	-12.944400
964	9.630000	-0.270480
965	9.640000	-0.463680
966	9.650000	-0.734160
967	9.660000	-0.927360
968	9.670000	-1.004640
969	9.680000	-1.043280
970	9.690000	-1.043280
971	9.700000	-0.888720
972	9.710000	-0.772800
973	9.720000	-0.618240
974	9.730000	-0.502320
975	9.740000	-0.463680
976	9.750000	-0.540960
977	9.760000	-0.695520
978	9.770000	-0.656880
979	9.780000	-0.579600
980	9.790000	-0.502320
981	9.800000	-0.347760
982	9.810000	-0.193200
983	9.820000	-0.154560
984	9.830000	-11.514720
985	9.840000	0.695520
986	9.850000	2.666160
987	9.860000	3.979920
988	9.870000	11.205600
989	9.880000	6.762000
990	9.890000	0.927360
991	9.900000	-0.811440
992	9.910000	-14.064960
993	9.920000	-0.154560
994	9.930000	-0.154560
995	9.940000	-0.193200
996	9.950000	-0.193200
997	9.960000	-0.231840
998	9.970000	-0.270480
999	9.980000	-0.309120
1000	9.990000	-0.309120
1001	10.000000	-0.309120

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PERCENTAGE MODAL PARTICIPATION FACTORS

MODES	MODAL PARTICIPATION
1	0.43931E+02
2	0.18473E+02
3	0.59051E+01
4	0.47951E+01
5	0.55402E+01
6	0.72087E+01
7	0.38707E+01
8	0.11955E+01
9	0.16253E+01
10	0.74554E+01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.56855E-02	-0.60746E-05	-0.56802E-02	0.00000E+00
3	0.11039E-01	-0.15230E-04	-0.11050E-01	0.00000E+00
4	0.12592E-01	-0.12082E-04	-0.12609E-01	0.00000E+00
5	0.14876E-01	-0.41382E-05	-0.14879E-01	0.00000E+00
6	0.16635E-01	0.38308E-07	-0.16635E-01	0.00000E+00
7	0.14935E-01	-0.17181E-04	-0.14959E-01	0.00000E+00
8	0.16691E-01	-0.49869E-04	-0.16712E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.57410E-02	0.14678E-04	-0.57683E-02	0.00000E+00
11	0.11131E-01	0.91669E-05	-0.11173E-01	0.00000E+00
12	0.12697E-01	0.62825E-06	-0.12755E-01	0.00000E+00
13	0.15026E-01	-0.42202E-04	-0.15084E-01	0.00000E+00
14	0.16819E-01	-0.90724E-04	-0.16909E-01	0.00000E+00
15	0.15189E-01	0.12779E-04	-0.15378E-01	0.00000E+00
16	0.17032E-01	-0.75887E-04	-0.17237E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.58031E-02	0.39705E-04	-0.59128E-02	0.00000E+00
19	0.11288E-01	0.72258E-04	-0.11503E-01	0.00000E+00
20	0.12921E-01	0.31140E-04	-0.13174E-01	0.00000E+00
21	0.15382E-01	0.21188E-04	-0.15693E-01	0.00000E+00
22	0.17336E-01	-0.66203E-04	-0.17710E-01	0.00000E+00
23	0.15621E-01	0.10462E-03	-0.16138E-01	0.00000E+00
24	0.17740E-01	-0.33038E-04	-0.18346E-01	0.00000E+00
25	0.17978E-01	0.18455E-04	-0.18734E-01	0.00000E+00
26	0.18119E-01	0.14652E-04	-0.18963E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.58461E-02	0.31907E-04	-0.60378E-02	0.00000E+00
29	0.11413E-01	0.73990E-04	-0.11815E-01	0.00000E+00
30	0.13139E-01	0.10436E-03	-0.13627E-01	0.00000E+00
31	0.15830E-01	0.10275E-03	-0.16550E-01	0.00000E+00
32	0.18262E-01	-0.12114E-04	-0.19204E-01	0.00000E+00
33	0.15679E-01	-0.99059E-04	-0.16657E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.58595E-02	0.11891E-04	-0.60541E-02	0.00000E+00
36	0.11450E-01	0.17882E-04	-0.11852E-01	0.00000E+00
37	0.13181E-01	0.21885E-04	-0.13667E-01	0.00000E+00
38	0.15923E-01	0.25433E-04	-0.16708E-01	0.00000E+00
39	0.18444E-01	0.20083E-04	-0.19553E-01	0.00000E+00
40	0.18408E-01	0.19536E-04	-0.19481E-01	0.00000E+00
41	0.18371E-01	0.18814E-04	-0.19407E-01	0.00000E+00
42	0.18331E-01	0.16171E-04	-0.19322E-01	0.00000E+00
43	0.13245E-01	-0.50587E-04	-0.13593E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.58692E-02	-0.12965E-04	-0.60598E-02	0.00000E+00
46	0.11517E-01	-0.26677E-04	-0.11769E-01	0.00000E+00
47	0.18455E-01	0.20138E-04	-0.19582E-01	0.00000E+00
48	0.18456E-01	0.20106E-04	-0.19584E-01	0.00000E+00
49	0.15933E-01	0.46856E-05	-0.16704E-01	0.00000E+00
50	0.18468E-01	0.22117E-04	-0.19645E-01	0.00000E+00
51	0.15935E-01	-0.55113E-04	-0.16340E-01	0.00000E+00
52	0.18272E-01	0.14532E-03	-0.18775E-01	0.00000E+00
53	0.18450E-01	0.22435E-04	-0.19578E-01	0.00000E+00
54	0.13209E-01	-0.15803E-04	-0.13470E-01	0.00000E+00
55	0.15849E-01	0.20761E-04	-0.16087E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.58250E-02	-0.70399E-04	-0.60591E-02	0.00000E+00
58	0.11425E-01	-0.69391E-04	-0.11709E-01	0.00000E+00
59	0.16007E-01	0.81921E-04	-0.18288E-01	0.00000E+00
60	0.18164E-01	0.13340E-03	-0.18558E-01	0.00000E+00
61	0.18472E-01	0.24392E-04	-0.19683E-01	0.00000E+00
62	0.13141E-01	-0.85589E-04	-0.13403E-01	0.00000E+00
63	0.15653E-01	-0.77703E-04	-0.15860E-01	0.00000E+00
64	0.18397E-01	0.14724E-03	-0.18939E-01	0.00000E+00
65	0.18476E-01	0.26573E-04	-0.19720E-01	0.00000E+00
66	0.18504E-01	0.30692E-04	-0.19795E-01	0.00000E+00
67	0.18533E-01	0.34305E-04	-0.19872E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.58077E-02	-0.14205E-03	-0.59297E-02	0.00000E+00
70	0.11289E-01	-0.25579E-03	-0.11488E-01	0.00000E+00
71	0.17884E-01	-0.81092E-04	-0.17996E-01	0.00000E+00
72	0.18519E-01	0.17426E-03	-0.18911E-01	0.00000E+00
73	0.15429E-01	-0.26759E-03	-0.15387E-01	0.00000E+00
74	0.19119E-01	0.17265E-03	-0.19521E-01	0.00000E+00
75	0.18557E-01	0.36796E-04	-0.19943E-01	0.00000E+00
76	0.18712E-01	0.39748E-04	-0.20075E-01	0.00000E+00
77	0.17526E-01	-0.17983E-03	-0.17615E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.58183E-02	-0.22895E-03	-0.58083E-02	0.00000E+00
80	0.11164E-01	-0.40711E-03	-0.11178E-01	0.00000E+00
81	0.12685E-01	-0.47989E-03	-0.12725E-01	0.00000E+00
82	0.14924E-01	-0.41438E-03	-0.14919E-01	0.00000E+00
83	0.19827E-01	-0.28030E-04	-0.19887E-01	0.00000E+00
84	0.18877E-01	-0.85081E-04	-0.18873E-01	0.00000E+00
85	0.19036E-01	0.43352E-04	-0.20249E-01	0.00000E+00
86	0.19818E-01	0.10752E-03	-0.20234E-01	0.00000E+00
87	0.16929E-01	-0.31270E-03	-0.16902E-01	0.00000E+00
88	0.19974E-01	0.59366E-04	-0.20083E-01	0.00000E+00
89	0.19331E-01	0.44716E-04	-0.20419E-01	0.00000E+00
90	0.13777E-01	-0.26056E-03	-0.13079E-01	0.00000E+00
91	0.14985E-01	-0.11063E-03	-0.13997E-01	0.00000E+00
92	0.15725E-01	0.35310E-04	-0.14467E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.55696E-02	0.00000E+00	-0.51317E-02	0.00000E+00
95	0.10267E-01	0.00000E+00	-0.93396E-02	0.00000E+00
96	0.11409E-01	0.00000E+00	-0.10304E-01	0.00000E+00
97	0.12798E-01	0.00000E+00	-0.11344E-01	0.00000E+00
98	0.13388E-01	0.00000E+00	-0.11681E-01	0.00000E+00
99	0.14003E-01	-0.79547E-04	-0.12809E-01	0.00000E+00
100	0.16647E-01	0.62779E-04	-0.15444E-01	0.00000E+00
101	0.20380E-01	0.25818E-03	-0.19995E-01	0.00000E+00
102	0.20096E-01	0.42264E-04	-0.20667E-01	0.00000E+00
103	0.20932E-01	0.40168E-04	-0.20883E-01	0.00000E+00
104	0.20957E-01	0.28144E-04	-0.21108E-01	0.00000E+00
105	0.20749E-01	0.39758E-04	-0.20898E-01	0.00000E+00
106	0.21589E-01	0.12077E-03	-0.21497E-01	0.00000E+00
107	0.21831E-01	-0.87336E-05	-0.21758E-01	0.00000E+00
108	0.21296E-01	0.32040E-04	-0.21112E-01	0.00000E+00
109	0.21750E-01	0.23588E-04	-0.21302E-01	0.00000E+00
110	0.22332E-01	0.29165E-03	-0.22026E-01	0.00000E+00
111	0.22434E-01	-0.37960E-05	-0.22214E-01	0.00000E+00
112	0.22118E-01	0.12505E-04	-0.21468E-01	0.00000E+00
113	0.22526E-01	0.19693E-03	-0.22247E-01	0.00000E+00
114	0.22395E-01	0.70154E-06	-0.21605E-01	0.00000E+00
115	0.22591E-01	-0.11843E-04	-0.21716E-01	0.00000E+00
116	0.22691E-01	-0.22864E-04	-0.21791E-01	0.00000E+00

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117	0.22683E-01	-0.48173E-05	-0.22416E-01	0.00000E+00
118	0.22697E-01	-0.28075E-04	-0.21819E-01	0.00000E+00
119	0.22701E-01	-0.36353E-04	-0.21847E-01	0.00000E+00
120	0.22772E-01	-0.11897E-04	-0.22507E-01	0.00000E+00
121	0.22697E-01	-0.46699E-04	-0.21868E-01	0.00000E+00
122	0.22696E-01	-0.36300E-04	-0.21885E-01	0.23480E-05
123	0.22690E-01	-0.76914E-04	-0.21899E-01	0.42447E-05
124	0.22677E-01	-0.11020E-03	-0.21912E-01	0.65371E-05
125	0.22656E-01	-0.15949E-03	-0.21927E-01	0.94881E-05
126	0.22600E-01	-0.27917E-03	-0.21950E-01	0.13741E-04
127	0.22530E-01	-0.42949E-03	-0.21973E-01	0.15734E-04
128	0.22377E-01	-0.77913E-03	-0.22019E-01	0.14927E-04
129	0.22257E-01	-0.10687E-02	-0.22062E-01	0.10966E-04
130	0.22179E-01	-0.12792E-02	-0.22108E-01	0.52467E-05
131	0.22168E-01	-0.13338E-02	-0.22178E-01	-0.19136E-05
132	0.22227E-01	-0.11629E-02	-0.22239E-01	-0.48910E-05
133	0.22291E-01	-0.94397E-03	-0.22293E-01	-0.65912E-05
134	0.22336E-01	-0.75851E-03	-0.22337E-01	-0.39813E-05
135	0.22371E-01	-0.57281E-03	-0.22371E-01	-0.42321E-05
136	0.22397E-01	-0.38361E-03	-0.22396E-01	-0.41045E-05
137	0.22411E-01	-0.21006E-03	-0.22411E-01	-0.38765E-05
138	0.22421E-01	-0.30623E-04	-0.22421E-01	-0.38817E-05
139	0.22421E-01	-0.36000E-05	-0.22421E-01	-0.33033E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1000E+00 59

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.11467E-01	0.82749E-02	0.55395E-02	0.69908E+00	-0.25226E-02	-0.69996E+00
2	0.13846E-01	0.57797E-02	0.18771E-02	0.65827E+00	-0.52122E-02	-0.65850E+00
3	0.36701E-01	0.45714E-02	-0.12899E-01	0.57473E+00	-0.10855E-01	-0.57464E+00
4	0.40027E-01	0.21900E-01	0.26764E-02	0.49246E+00	-0.65869E-02	-0.48584E+00
5	0.23433E-01	-0.55051E-03	-0.74366E-02	0.49750E+00	-0.72977E-02	-0.49165E+00
6	0.41227E-01	-0.10163E-01	-0.16765E-02	0.50012E+00	-0.17551E-01	-0.50249E+00
7	0.33185E-01	0.58972E-02	-0.35755E-02	0.38302E+00	-0.10042E-01	-0.33671E+00
8	0.59161E-01	0.13913E-02	0.80053E-02	0.39165E+00	-0.23223E-01	-0.39489E+00
9	0.20557E-01	0.22458E-01	0.12324E-01	0.70643E+00	-0.37756E-02	-0.71454E+00
10	0.36699E-01	0.23237E-01	0.99518E-02	0.66792E+00	-0.13118E-01	-0.67361E+00
11	0.80134E-01	0.22122E-01	-0.69396E-02	0.59761E+00	-0.42779E-01	-0.60074E+00
12	0.10765E+00	0.30354E-01	0.33197E-01	0.51456E+00	-0.45162E-01	-0.50387E+00
13	0.56756E-01	0.41627E-02	-0.37235E-02	0.52289E+00	-0.27808E-01	-0.52473E+00
14	0.10715E+00	0.11652E-01	0.12904E-01	0.53461E+00	-0.44470E-01	-0.54751E+00
15	0.10271E+00	0.41868E-02	0.15374E-01	0.41371E+00	-0.46408E-01	-0.40923E+00
16	0.13426E+00	0.51698E-02	0.16787E-01	0.42713E+00	-0.57144E-01	-0.43303E+00
17	0.18033E-01	0.23549E-01	0.10206E-01	0.71160E+00	-0.24120E-02	-0.73086E+00
18	0.29556E-01	0.25629E-01	0.25878E-02	0.67544E+00	-0.94998E-02	-0.69633E+00
19	0.71731E-01	0.33632E-01	-0.21994E-01	0.61694E+00	-0.36981E-01	-0.64371E+00
20	0.14743E+00	0.34960E-01	0.30895E-01	0.54815E+00	-0.65438E-01	-0.54850E+00
21	0.66484E-01	0.32855E-01	-0.25908E-02	0.56375E+00	-0.25176E-01	-0.59731E+00
22	0.14528E+00	0.71339E-01	0.35515E-01	0.58256E+00	-0.53999E-01	-0.63655E+00
23	0.17298E+00	0.51862E-02	0.20464E-01	0.46651E+00	-0.79542E-01	-0.47369E+00
24	0.30037E+00	0.64469E-01	0.84625E-01	0.49529E+00	-0.11823E+00	-0.49585E+00
25	0.17629E+00	0.22332E-01	0.15090E-01	0.51108E+00	-0.78903E-01	-0.54837E+00
26	0.38292E+00	0.13560E+00	0.13630E+00	0.52682E+00	-0.13960E+00	-0.59599E+00
27	0.11085E-01	0.13161E-01	0.31592E-02	0.71295E+00	-0.37052E-03	-0.73921E+00
28	0.16219E-01	0.11103E-01	-0.90261E-02	0.67307E+00	0.78614E-03	-0.70815E+00
29	0.39824E-01	0.16793E-01	-0.38463E-01	0.59974E+00	0.28589E-02	-0.66776E+00
30	0.81081E-01	0.26935E-01	-0.11299E-01	0.58089E+00	-0.38509E-01	-0.63625E+00
31	0.37398E-01	0.30050E-01	-0.19496E-01	0.56553E+00	-0.51415E-02	-0.65399E+00
32	0.84511E-01	0.33855E-01	-0.52536E-02	0.55056E+00	-0.11588E-01	-0.66013E+00
33	0.33211E+00	0.11640E+00	0.10892E+00	0.57646E+00	-0.10546E+00	-0.62217E+00
34	0.67912E+00	0.35265E+00	0.33775E+00	0.59966E+00	-0.17580E+00	-0.66343E+00
35	0.72953E-01	-0.51892E-01	-0.67453E-01	0.60088E+00	-0.60423E-01	-0.66344E+00
36	0.18021E-01	-0.54736E-01	-0.82888E-01	0.55998E+00	-0.60163E-02	-0.67513E+00
37	0.14659E+00	0.57381E-01	0.58738E-02	0.60764E+00	-0.64228E-01	-0.68679E+00
38	-0.57985E-02	-0.66133E-02	-0.10275E-01	0.71588E+00	0.16973E-02	-0.74029E+00
39	-0.63419E-02	-0.12619E-01	-0.21903E-01	0.68437E+00	0.78022E-02	-0.70315E+00
40	0.37805E-01	0.50484E-02	-0.33697E-01	0.61428E+00	0.38683E-01	-0.66568E+00
41	-0.12588E-01	-0.65059E-01	-0.57496E-01	0.63953E+00	0.24706E-01	-0.65299E+00
42	-0.44972E-01	-0.16758E-01	-0.45425E-01	0.63011E+00	0.44921E-01	-0.62253E+00
43	-0.55831E-02	-0.42305E-01	-0.62537E-01	0.57629E+00	0.26617E-01	-0.65972E+00
44	-0.50799E-01	-0.53599E-01	-0.76334E-01	0.57211E+00	0.78408E-01	-0.59435E+00
45	-0.11897E+00	-0.92374E-01	-0.10510E+00	0.59554E+00	0.49345E-01	-0.59453E+00
46	-0.28230E-01	-0.42065E-03	-0.28285E-01	0.57788E+00	0.26438E-01	-0.56661E+00
47	-0.76834E-01	0.18748E-01	-0.33359E-01	0.58572E+00	-0.89758E-02	-0.69139E+00
48	-0.12367E+00	-0.10602E+00	-0.16742E+00	0.60721E+00	0.34320E-01	-0.69333E+00
49	-0.66479E-01	-0.48340E-01	-0.10739E+00	0.59880E+00	0.68169E-01	-0.71066E+00
50	-0.43065E+00	-0.16417E+00	-0.28377E+00	0.52881E+00	0.24499E+00	-0.52842E+00
51	-0.13591E+00	-0.11696E+00	-0.18705E+00	0.26189E-01	0.38018E-01	-0.13307E+00
52	0.45980E-02	0.16177E+00	0.39374E-02	-0.46149E-01	0.12934E+00	0.31416E+00
53	-0.77603E-01	0.28224E-01	-0.39309E-01	0.48329E+00	0.57748E-01	-0.48864E+00
54	-0.36676E-01	-0.43619E-01	-0.36711E-01	0.71254E+00	0.16654E-02	-0.74028E+00

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55	-0.47968E-01	-0.39489E-01	-0.45362E-01	0.68368E+00	0.59553E-02	-0.69349E+00
56	-0.54759E-01	-0.33280E-01	-0.47705E-01	0.61654E+00	0.17473E-01	-0.62089E+00
57	-0.67201E-01	-0.34640E-01	-0.53111E-01	0.55036E+00	0.17137E-01	-0.54886E+00
58	-0.73307E-01	-0.33106E-01	-0.53267E-01	0.46420E+00	0.26332E-01	-0.46966E+00
59	-0.33520E-01	-0.55729E-01	-0.40572E-01	0.71194E+00	0.10257E-02	-0.74025E+00
60	-0.82918E-01	-0.11511E+00	-0.83334E-01	0.70453E+00	0.10962E-01	-0.72386E+00
61	-0.66462E-01	-0.10274E+00	-0.69843E-01	0.70346E+00	0.93179E-02	-0.72336E+00
62	-0.11179E+00	-0.16776E+00	-0.11172E+00	0.71113E+00	-0.35370E-04	-0.70909E+00
63	-0.71857E-01	-0.74437E-01	-0.66012E-01	0.66775E+00	0.15532E-01	-0.68324E+00
64	-0.10008E+00	-0.12735E+00	-0.93442E-01	0.65296E+00	0.16687E-01	-0.66504E+00
65	-0.88245E-01	-0.60385E-01	-0.61567E-01	0.60188E+00	0.38972E-01	-0.61758E+00
66	-0.13775E+00	-0.90634E-01	-0.78706E-01	0.56637E+00	0.53688E-01	-0.57143E+00
67	-0.10692E+00	-0.12360E+00	-0.73795E-01	0.53535E+00	0.47199E-01	-0.55889E+00
68	-0.12261E+00	-0.80379E-01	-0.90298E-01	0.52772E+00	0.26902E-01	-0.53000E+00
69	-0.11396E+00	-0.67872E-01	-0.78695E-01	0.52798E+00	0.31538E-01	-0.54277E+00
70	-0.20862E+00	-0.92840E-01	-0.12284E+00	0.47251E+00	0.58676E-01	-0.47062E+00
71	-0.12341E+00	-0.54652E-01	-0.77203E-01	0.45647E+00	0.30451E-01	-0.44884E+00
72	-0.20699E+00	-0.70502E-01	-0.11293E+00	0.43222E+00	0.60547E-01	-0.43073E+00
73	-0.66094E-01	-0.89517E-01	-0.59758E-01	0.69803E+00	0.53141E-02	-0.66810E+00
74	-0.95796E-01	-0.96558E-01	-0.69385E-01	0.61959E+00	0.20359E-01	-0.58406E+00
75	-0.14771E+00	-0.94703E-01	-0.52323E-01	0.50439E+00	0.70252E-01	-0.45670E+00
76	-0.23186E+00	-0.10402E+00	-0.12757E+00	0.49189E+00	0.77335E-01	-0.47126E+00
77	-0.16171E+00	-0.11535E+00	-0.95392E-01	0.38526E+00	0.46947E-01	-0.33665E+00
78	-0.21883E+00	-0.13403E+00	-0.11623E+00	0.31238E+00	0.66266E-01	-0.22473E+00
79	-0.27478E+00	-0.86311E-01	-0.13180E+00	0.35572E+00	0.98290E-01	-0.31143E+00
80	-0.38061E+00	-0.13385E+00	-0.18141E+00	0.26461E+00	0.10133E+00	-0.19772E+00
81	-0.16540E+00	-0.54994E-01	-0.61678E-01	0.15955E+00	0.65706E-01	-0.11651E+00
82	-0.25454E+00	-0.15429E+00	-0.13119E+00	0.13420E+00	0.80305E-01	-0.72855E-01
83	-0.34162E+00	-0.78751E-01	-0.13903E+00	0.20856E+00	0.99639E-01	-0.12992E+00
84	-0.34599E+00	-0.81483E-01	-0.14658E+00	0.24442E+00	0.12292E+00	-0.15539E+00
85	-0.39085E+00	-0.92430E-01	-0.18028E+00	0.30266E+00	0.15011E+00	-0.25815E+00
86	-0.39346E+00	-0.99232E-01	-0.18000E+00	0.21031E+00	0.14866E+00	-0.15279E+00
87	-0.47233E+00	0.70846E-03	-0.69344E-01	0.32157E+00	0.62090E-01	-0.32746E+00
88	-0.18092E+00	-0.61633E-01	-0.99679E-01	0.33946E+00	0.45207E-01	-0.33164E+00
89	-0.22475E+00	-0.88310E-01	-0.12532E+00	0.29627E+00	0.53104E-01	-0.26933E+00
90	-0.21544E+00	0.13982E-01	-0.74993E-01	0.20606E+00	0.73837E-01	-0.15286E+00
91	-0.28171E+00	-0.11154E+00	-0.14995E+00	0.18510E+00	0.76014E-01	-0.15850E+00
92	-0.25660E+00	-0.76433E-01	-0.12229E+00	0.12379E+00	0.74738E-01	-0.86394E-01
93	-0.93173E-01	0.75333E-01	-0.28375E-01	0.35149E+00	0.68554E-01	-0.38571E+00
94	-0.10613E+00	-0.47331E-01	-0.78122E-01	0.36433E+00	0.43003E-01	-0.40109E+00
95	-0.11330E-01	-0.10448E+00	-0.64657E-01	0.27805E+00	0.26040E-01	-0.29199E+00
96	-0.79644E-01	-0.41537E-01	-0.57234E-01	0.36611E+00	0.33374E-01	-0.34815E+00
97	0.15612E-01	-0.67616E-01	-0.34164E-01	0.30218E+00	0.24264E-01	-0.23818E+00
98	-0.42194E-01	-0.52823E-01	-0.41747E-01	0.26363E+00	0.15460E-01	-0.24888E+00
99	-0.36400E-01	0.36388E-01	-0.19243E-02	0.28860E+00	0.24535E-01	-0.27010E+00
100	-0.25264E-01	0.32929E-02	-0.79497E-02	0.21173E+00	0.14928E-01	-0.17204E+00
101	-0.75291E-01	-0.42305E-01	-0.39832E-01	0.17150E+00	0.13756E-01	-0.12419E+00
102	-0.85938E-01	-0.78659E-02	-0.26268E-01	0.13479E+00	0.25083E-01	-0.95793E-01
103	-0.53210E-01	-0.29426E-01	-0.18419E-01	0.83137E-01	0.78903E-02	-0.56217E-01
104	-0.57463E-01	-0.36413E-01	-0.22066E-01	0.36116E-01	0.75871E-02	-0.22203E-01
105	-0.14569E+00	-0.19085E-01	-0.94878E-01	0.32452E+00	0.13901E+00	-0.37477E+00
106	-0.26280E+00	-0.17519E+00	-0.24416E+00	0.37379E-01	0.17545E+00	-0.16631E+00
107	-0.18727E+00	-0.13277E+00	-0.18916E+00	0.18429E+00	0.16277E+00	-0.27655E+00
108	-0.12389E+00	-0.11615E+00	-0.15602E+00	0.19310E+00	0.14850E+00	-0.27605E+00
109	-0.58157E-01	-0.46552E-01	-0.11302E+00	0.81476E-01	0.14506E+00	-0.16804E+00
110	0.98750E-01	0.41537E-01	-0.41563E-02	0.24305E+00	0.12355E+00	-0.27153E+00
111	0.23739E+00	0.13359E+00	0.74196E-01	0.18556E+00	0.18155E+00	-0.14480E+00
112	0.24215E+00	0.13780E+00	0.31862E-01	0.28159E+00	0.10009E+00	-0.14353E+00
113	0.18113E+00	0.11123E-01	0.31893E-01	0.29736E+00	0.66423E-01	-0.29215E+00
114	0.30860E+00	0.17911E+00	0.13122E+00	0.24832E+00	0.47943E-01	-0.13979E+00

115	0.32068E+00	0.18612E+00	0.15391E+00	0.42303E+00	-0.42539E-01	-0.13566E+00
116	0.11454E+00	-0.73022E-02	0.17698E-01	0.31186E+00	0.84119E-02	-0.23821E+00
117	0.13461E+00	0.75458E-01	0.63533E-01	0.35162E+00	-0.21143E-01	-0.12622E+00
118	0.14870E+00	0.83894E-01	0.90303E-01	0.29507E+00	-0.27486E-01	-0.11660E+00
119	0.42799E-01	-0.33374E-02	0.18021E-01	0.23366E+00	-0.44351E-01	-0.17635E+00
120	0.71021E-01	0.40000E-01	0.61027E-01	0.24150E+00	-0.67709E-01	-0.10328E+00
121	0.80980E-01	0.47108E-01	0.73814E-01	0.19500E+00	-0.71623E-01	-0.90358E-01
122	0.46826E-01	0.45633E-01	0.57896E-01	0.16084E+00	-0.77576E-01	-0.12346E+00
123	0.62314E-01	0.33833E-01	0.79524E-01	0.14912E+00	-0.96308E-01	-0.74547E-01
124	0.68270E-01	0.43987E-01	0.89262E-01	0.10565E+00	-0.98199E-01	-0.59573E-01
125	0.16006E-01	0.24126E-01	0.46247E-01	0.68546E-01	-0.91948E-01	-0.54771E-01
126	0.38368E-01	0.28570E-01	0.74843E-01	0.56904E-01	-0.10185E+00	-0.40513E-01
127	0.39778E-01	0.30627E-01	0.76310E-01	0.89342E-02	-0.10188E+00	-0.29565E-01
128	0.60915E-01	0.48340E-01	0.82670E-01	0.17111E-01	-0.97711E-01	-0.19551E-01
129	0.10372E+00	0.72301E-01	0.11626E+00	0.24005E-02	-0.10288E+00	-0.10414E-01
183	-0.19476E+00	0.18273E-02	-0.10467E+00	0.49896E+00	0.14409E+00	-0.52922E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.27684E-01	0.18456E+00	-0.15687E+00	0.10085E+02	-0.23373E+01	-0.46433E+01
131	0.50394E-02	0.33596E-01	-0.28556E-01	0.23175E+02	-0.33517E+01	-0.12780E+02
132	-0.11656E-01	-0.77704E-01	0.66048E-01	0.38485E+02	-0.51132E+01	-0.21638E+02
133	-0.32136E-02	-0.34771E-01	0.29555E-01	0.55008E+02	-0.70251E+01	-0.31256E+02
134	-0.62727E-02	-0.41318E-01	0.35545E-01	0.73206E+02	-0.91172E+01	-0.42314E+02
135	-0.17112E-01	-0.11408E+00	0.96965E-01	0.86204E+02	-0.11012E+02	-0.51847E+02
136	0.22361E-02	0.15240E-01	-0.12954E-01	0.96580E+02	-0.11728E+02	-0.58085E+02
137	0.13549E-01	0.90327E-01	-0.76778E-01	0.98069E+02	-0.13241E+02	-0.61153E+02
138	-0.10697E+00	-0.71314E+00	0.51910E+00	0.99648E+02	-0.28834E+02	-0.65331E+02
139	-0.13698E+00	-0.91318E+00	0.47586E+00	0.99013E+02	-0.59619E+02	-0.69003E+02
140	-0.90527E-02	-0.60351E-01	0.51299E-01	0.12126E+03	-0.72491E+02	-0.77227E+02
141	-0.50796E-02	-0.33864E-01	0.28784E-01	0.12176E+03	-0.73597E+02	-0.81708E+02
142	0.49032E-02	0.32688E-01	-0.27785E-01	0.12493E+03	-0.73976E+02	-0.85695E+02
143	0.41373E-02	0.27585E-01	-0.23447E-01	-0.30217E+02	-0.97109E+02	0.50034E+02
144	-0.36295E-01	-0.24197E+00	0.20567E+00	-0.31335E+02	-0.95838E+02	0.45514E+02
145	-0.17944E+00	-0.11963E+01	0.89151E+00	-0.71583E+00	-0.75285E+02	0.14043E+03
146	-0.74388E-01	-0.49592E+00	0.76568E+00	0.92235E+01	-0.56016E+02	0.12852E+03
147	-0.76504E-01	-0.51003E+00	0.75216E+00	0.82374E+01	-0.57797E+02	0.12595E+03
148	-0.78996E-01	-0.52664E+00	-0.14961E+00	0.69722E+01	-0.59910E+02	0.12658E+03
149	-0.81935E-01	-0.54624E+00	-0.13183E+00	0.46186E+01	-0.62531E+02	0.12976E+03
150	-0.94336E-01	-0.62892E+00	-0.14278E-01	-0.18646E+00	-0.67888E+02	0.12591E+03
151	-0.11382E+00	-0.75879E+00	-0.31401E+01	-0.49702E+01	-0.77252E+02	0.12933E+03
152	-0.10664E+00	-0.71096E+00	-0.56646E+01	-0.48002E+01	-0.72403E+02	0.12821E+03
153	-0.95240E-01	-0.63494E+00	-0.50705E+01	-0.74788E+01	-0.65140E+02	0.12537E+03
154	-0.68629E-01	-0.45753E+00	-0.96785E+01	-0.98906E+01	-0.47614E+02	0.12164E+03
155	-0.29783E-01	-0.19855E+00	-0.81497E+01	-0.59453E+01	-0.20911E+02	0.11373E+03
156	0.14523E-02	0.96821E-02	-0.67530E+01	-0.87004E+01	-0.32885E+00	0.10502E+03
157	0.26199E-01	0.17466E+00	-0.55368E+01	-0.69903E+01	0.16562E+02	0.95245E+02
158	0.45473E-01	0.30315E+00	-0.44313E+01	-0.80188E+01	0.29363E+02	0.81529E+02
159	0.59571E-01	0.39714E+00	-0.32687E+01	-0.73911E+01	0.38933E+02	0.67162E+02
160	0.63880E-01	0.45920E+00	-0.22600E+01	-0.72808E+01	0.45207E+02	0.53579E+02
161	0.81075E-01	0.54049E+00	-0.11794E+01	-0.52276E+01	0.50292E+02	0.37342E+02
162	0.82720E-01	0.55147E+00	0.10353E+00	-0.43048E+01	0.48223E+02	0.26079E+02
163	0.93017E-01	0.62012E+00	0.12018E+00	-0.45539E+01	0.54269E+02	0.18136E+02
164	0.90363E-01	0.60242E+00	0.20536E+00	-0.53353E+01	0.52584E+02	0.10356E+02

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165	0.50578E+02	0.72942E+01	0.35375E+00	0.85007E+00	0.52603E+02	0.67694E+01
166	0.40123E+02	0.52862E+01	0.81032E+00	0.16389E+00	0.48762E+02	0.60735E+01
167	0.31525E+02	0.38677E+01	0.88993E+00	-0.22019E+00	0.41518E+02	0.55007E+01
168	0.23960E+02	0.28025E+01	0.82037E+00	-0.60960E+00	0.34126E+02	0.50167E+01
169	0.15461E+02	0.13957E+01	0.93398E+00	-0.96925E+00	0.29147E+02	0.44755E+01
170	0.71270E+01	-0.15363E+00	0.12172E+01	-0.13755E+01	0.25972E+02	0.38556E+01
171	-0.15831E+01	-0.16762E+01	0.13960E+01	-0.19165E+01	0.20192E+02	0.29868E+01
172	-0.69636E+01	-0.24152E+01	0.13012E+01	-0.24543E+01	0.12485E+02	0.20475E+01
173	-0.72953E+01	-0.20097E+01	0.84893E+00	-0.27322E+01	0.56025E+01	0.13934E+01
174	-0.45300E+01	-0.10598E+01	0.33709E+00	-0.27233E+01	0.41295E+00	0.96818E+00
175	-0.12410E+01	-0.19602E+00	-0.19642E-03	-0.23520E+01	-0.11141E+01	0.83632E+00
176	0.90961E-01	0.55477E-01	-0.42598E-01	-0.19506E+01	-0.60973E+00	0.81970E+00
177	0.13970E+00	0.23333E-01	-0.50569E-02	-0.15197E+01	-0.26763E+00	0.66978E+00
178	-0.41161E-01	-0.32904E-03	-0.68490E-02	-0.10938E+01	-0.21102E+00	0.47457E+00
179	0.24103E-01	0.20509E-01	-0.16031E-01	-0.77964E+00	-0.84320E-01	0.36421E+00
180	0.30636E-01	0.62901E-02	-0.19517E-02	-0.49394E+00	-0.22122E-02	0.23665E+00
181	0.30066E-03	0.52596E-02	-0.49364E-02	-0.23719E+00	0.98588E-02	0.10523E+00
182	0.34636E-01	0.16080E-01	-0.94647E-02	-0.26832E-01	0.37551E-01	0.21620E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.15789E-02	-0.26298E-04	-0.14286E-02	0.00000E+00
3	0.21044E-02	-0.38725E-04	-0.21206E-02	0.00000E+00
4	0.19784E-02	-0.20283E-04	-0.20922E-02	0.00000E+00
5	0.16102E-02	0.10806E-04	-0.16237E-02	0.00000E+00
6	0.10917E-02	-0.10110E-05	-0.10911E-02	0.00000E+00
7	0.15976E-02	-0.79865E-05	-0.15289E-02	0.00000E+00
8	0.10639E-02	-0.16661E-04	-0.10334E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.13749E-02	0.24402E-04	-0.12485E-02	0.00000E+00
11	0.19652E-02	0.82956E-05	-0.17710E-02	0.00000E+00
12	0.18918E-02	-0.56186E-06	-0.17090E-02	0.00000E+00
13	0.15348E-02	-0.97864E-05	-0.13559E-02	0.00000E+00
14	0.10193E-02	-0.15775E-04	-0.88759E-03	0.00000E+00
15	0.14813E-02	0.63030E-04	-0.11246E-02	0.00000E+00
16	0.95079E-03	0.39854E-04	-0.65623E-03	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.13434E-02	0.11491E-03	-0.98056E-03	0.00000E+00
19	0.18837E-02	0.16729E-03	-0.12973E-02	0.00000E+00
20	0.17755E-02	0.18633E-03	-0.11847E-02	0.00000E+00
21	0.14210E-02	0.16513E-03	-0.80433E-03	0.00000E+00
22	0.86057E-03	0.13537E-03	-0.34323E-03	0.00000E+00
23	0.13689E-02	0.43228E-03	-0.43444E-03	0.00000E+00
24	0.74980E-03	0.42445E-03	0.46990E-04	0.00000E+00
25	0.69114E-03	0.63154E-03	0.26862E-03	0.00000E+00
26	0.65699E-03	0.73996E-03	0.39286E-03	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.12110E-02	0.29409E-03	-0.58275E-03	0.00000E+00
29	0.16894E-02	0.53757E-03	-0.59089E-03	0.00000E+00
30	0.15733E-02	0.64630E-03	-0.40351E-03	0.00000E+00
31	0.12194E-02	0.73933E-03	0.12122E-04	0.00000E+00
32	0.61915E-03	0.83028E-03	0.52175E-03	0.00000E+00
33	0.11704E-02	0.91107E-03	0.15493E-03	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.11404E-02	0.33228E-03	-0.45604E-03	0.00000E+00
36	0.15989E-02	0.64131E-03	-0.35516E-03	0.00000E+00
37	0.14849E-02	0.76360E-03	-0.12444E-03	0.00000E+00
38	0.11347E-02	0.85486E-03	0.29162E-03	0.00000E+00
39	0.57290E-03	0.91004E-03	0.73509E-03	0.00000E+00
40	0.58275E-03	0.90674E-03	0.68503E-03	0.00000E+00
41	0.59305E-03	0.90372E-03	0.63644E-03	0.00000E+00
42	0.60426E-03	0.89735E-03	0.58525E-03	0.00000E+00
43	0.13568E-02	0.87198E-03	0.37575E-03	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.87899E-03	0.40558E-03	0.95351E-04	0.00000E+00
46	0.12608E-02	0.74670E-03	0.61462E-03	0.00000E+00
47	0.56901E-03	0.91016E-03	0.76182E-03	0.00000E+00
48	0.56983E-03	0.91015E-03	0.75126E-03	0.00000E+00
49	0.11247E-02	0.86467E-03	0.33766E-03	0.00000E+00
50	0.56779E-03	0.91018E-03	0.77565E-03	0.00000E+00
51	0.10540E-02	0.93659E-03	0.87471E-03	0.00000E+00
52	0.61507E-03	0.90546E-03	0.14097E-02	0.00000E+00
53	0.56666E-03	0.91052E-03	0.79971E-03	0.00000E+00
54	0.12326E-02	0.87609E-03	0.92298E-03	0.00000E+00
55	0.98538E-03	0.93547E-03	0.14973E-02	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.66489E-03	0.59109E-03	0.58453E-03	0.00000E+00
58	0.10238E-02	0.69732E-03	0.14798E-02	0.00000E+00
59	0.64786E-03	0.89298E-03	0.21129E-02	0.00000E+00
60	0.62670E-03	0.91853E-03	0.16140E-02	0.00000E+00
61	0.56716E-03	0.91039E-03	0.79173E-03	0.00000E+00
62	0.10240E-02	0.82350E-03	0.19023E-02	0.00000E+00
63	0.88444E-03	0.82742E-03	0.26170E-02	0.00000E+00
64	0.59133E-03	0.90501E-03	0.14758E-02	0.00000E+00
65	0.56654E-03	0.91060E-03	0.80753E-03	0.00000E+00
66	0.56150E-03	0.91087E-03	0.83934E-03	0.00000E+00
67	0.55622E-03	0.91088E-03	0.87194E-03	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.54454E-03	0.36329E-03	0.90261E-03	0.00000E+00
70	0.88881E-03	0.61380E-03	0.19637E-02	0.00000E+00
71	0.61133E-03	0.78607E-03	0.33850E-02	0.00000E+00
72	0.56986E-03	0.90264E-03	0.17392E-02	0.00000E+00
73	0.82484E-03	0.69836E-03	0.31641E-02	0.00000E+00
74	0.45153E-03	0.88679E-03	0.19888E-02	0.00000E+00
75	0.55159E-03	0.91102E-03	0.90304E-03	0.00000E+00
76	0.52041E-03	0.91002E-03	0.96267E-03	0.00000E+00
77	0.61155E-03	0.60323E-03	0.39018E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.45842E-03	0.32516E-03	0.11079E-02	0.00000E+00
80	0.81170E-03	0.51605E-03	0.23836E-02	0.00000E+00
81	0.87345E-03	0.57151E-03	0.28221E-02	0.00000E+00
82	0.82884E-03	0.51919E-03	0.35134E-02	0.00000E+00
83	0.22591E-03	0.63873E-03	0.41888E-02	0.00000E+00
84	0.42937E-03	0.27871E-03	0.47945E-02	0.00000E+00
85	0.44986E-03	0.90759E-03	0.10420E-02	0.00000E+00
86	0.27864E-03	0.86274E-03	0.22593E-02	0.00000E+00
87	0.70189E-03	0.42620E-03	0.41983E-02	0.00000E+00
88	0.21729E-03	0.76897E-03	0.32254E-02	0.00000E+00
89	0.38082E-03	0.90442E-03	0.11206E-02	0.00000E+00
90	0.83613E-03	0.23071E-03	0.36973E-02	0.00000E+00
91	0.86015E-03	0.10218E-03	0.39979E-02	0.00000E+00
92	0.83728E-03	-0.53283E-05	0.41692E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.52502E-04	0.00000E+00	0.18160E-02	0.00000E+00
95	0.35692E-03	0.00000E+00	0.32710E-02	0.00000E+00
96	0.50001E-03	0.00000E+00	0.35999E-02	0.00000E+00
97	0.59443E-03	0.00000E+00	0.39554E-02	0.00000E+00
98	0.60355E-03	0.00000E+00	0.40755E-02	0.00000E+00
99	0.84623E-03	0.38889E-04	0.40000E-02	0.00000E+00
100	0.77555E-03	-0.56607E-05	0.43354E-02	0.00000E+00
101	0.80629E-04	-0.71049E-04	0.53063E-02	0.00000E+00
102	0.18131E-03	0.39862E-03	0.12366E-02	0.00000E+00
103	-0.35842E-04	0.49077E-03	0.46647E-02	0.00000E+00
104	-0.48842E-04	0.81275E-03	0.26503E-02	0.00000E+00
105	-0.57370E-05	0.89036E-03	0.13478E-02	0.00000E+00
106	-0.24972E-03	0.30267E-03	0.49694E-02	0.00000E+00
107	-0.34167E-03	0.72441E-03	0.29697E-02	0.00000E+00
108	-0.18324E-03	0.86159E-03	0.14531E-02	0.00000E+00
109	-0.33993E-03	0.87087E-03	0.15498E-02	0.00000E+00
110	-0.55780E-03	-0.43749E-04	0.52728E-02	0.00000E+00
111	-0.57998E-03	0.59456E-03	0.32102E-02	0.00000E+00
112	-0.48539E-03	0.85964E-03	0.16375E-02	0.00000E+00
113	-0.61100E-03	0.17077E-04	0.49870E-02	0.00000E+00
114	-0.59920E-03	0.64708E-03	0.17136E-02	0.00000E+00
115	-0.69886E-03	0.83403E-03	0.17784E-02	0.00000E+00
116	-0.75865E-03	0.81908E-03	0.18290E-02	0.00000E+00

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117	-0.69174E-03	0.45203E-03	0.33044E-02	0.00000E+00
118	-0.76573E-03	0.81110E-03	0.18495E-02	0.00000E+00
119	-0.78465E-03	0.80089E-03	0.18794E-02	0.00000E+00
120	-0.70870E-03	0.26370E-03	0.33233E-02	0.00000E+00
121	-0.80411E-03	0.78571E-03	0.19109E-02	0.00000E+00
122	-0.80698E-03	0.77119E-03	0.18943E-02	0.37158E-05
123	-0.81950E-03	0.73865E-03	0.18828E-02	0.69027E-05
124	-0.84107E-03	0.68451E-03	0.18714E-02	0.10887E-04
125	-0.87988E-03	0.60224E-03	0.18606E-02	0.16166E-04
126	-0.97864E-03	0.39756E-03	0.18435E-02	0.23877E-04
127	-0.11047E-02	0.13711E-03	0.18275E-02	0.27494E-04
128	-0.13319E-02	-0.47300E-03	0.17951E-02	0.26307E-04
129	-0.15998E-02	-0.98214E-03	0.17663E-02	0.19499E-04
130	-0.17488E-02	-0.13569E-02	0.17361E-02	0.96007E-05
131	-0.17963E-02	-0.14903E-02	0.16917E-02	-0.17470E-05
132	-0.17368E-02	-0.12878E-02	0.16553E-02	-0.57530E-05
133	-0.16728E-02	-0.10348E-02	0.16245E-02	-0.51487E-05
134	-0.16300E-02	-0.82059E-03	0.16004E-02	-0.44226E-05
135	-0.15985E-02	-0.61998E-03	0.15821E-02	-0.43356E-05
136	-0.15761E-02	-0.42622E-03	0.15683E-02	-0.41914E-05
137	-0.15634E-02	-0.23659E-03	0.15610E-02	-0.43075E-05
138	-0.15547E-02	-0.34815E-04	0.15548E-02	-0.43025E-05
139	-0.15547E-02	-0.43774E-05	0.15547E-02	-0.43744E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2000E+00

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.47501E-02	0.10406E-01	0.31776E-01	0.18245E+00	-0.36921E-02	-0.16353E+00
2	-0.16170E-01	0.65637E-02	0.44785E-01	0.71915E-01	0.28634E-02	-0.72982E-01
3	-0.29413E-01	0.85877E-02	0.42809E-01	-0.31444E-01	0.37113E-01	0.20483E-01
4	-0.29115E-01	-0.11075E-01	-0.45725E-01	-0.83155E-01	0.27693E-01	0.10467E+00
5	-0.11618E-01	0.50603E-02	0.20575E-01	-0.71348E-01	0.26312E-01	0.82258E-01
6	-0.13893E-01	0.47967E-02	0.39875E-01	-0.77692E-01	0.15703E-01	0.77162E-01
7	-0.25421E-03	0.25735E-02	0.22575E-01	-0.12102E+00	0.61123E-02	0.11643E+00
8	-0.15450E-01	0.65448E-03	0.28599E-01	-0.11766E+00	0.16461E-01	0.10952E+00
9	0.51757E-01	0.71137E-01	0.66617E-01	0.16957E+00	0.40062E-02	-0.13799E+00
10	0.47658E-01	0.60714E-01	0.88617E-01	0.78620E-01	0.12160E-01	-0.55292E-01
11	0.93850E-02	0.43234E-01	0.11863E+00	-0.68563E-02	0.36655E-01	0.22800E-01
12	0.82693E-02	0.23559E-01	0.64619E-01	-0.64220E-01	0.23227E-01	0.75141E-01
13	0.18245E-02	0.98906E-02	0.68182E-01	-0.59465E-01	0.24651E-01	0.64824E-01
14	0.18964E-01	0.31564E-01	0.92101E-01	-0.58372E-01	0.32155E-01	0.75613E-01
15	-0.96409E-02	0.58328E-02	0.47103E-01	-0.10563E+00	0.24399E-01	0.10358E+00
16	-0.13183E-01	0.21344E-02	0.60049E-01	-0.10443E+00	0.34147E-01	0.98963E-01
17	0.10026E+00	0.16022E+00	0.12534E+00	0.16236E+00	0.74356E-02	-0.98651E-01
18	0.30021E-01	0.14080E+00	0.14541E+00	0.82946E-01	0.21211E-01	-0.28338E-01
19	0.93042E-02	0.11590E+00	0.17404E+00	0.21440E-01	0.59586E-01	0.31566E-01
20	0.44206E-01	0.53825E-01	0.12251E+00	-0.28573E-01	0.37037E-01	0.71531E-01
21	0.38059E-01	0.82350E-01	0.13883E+00	-0.25530E-01	0.37178E-01	0.63891E-01
22	0.64270E-01	0.15713E+00	0.18744E+00	-0.22737E-01	0.43136E-01	0.70809E-01
23	0.99058E-02	0.30865E-01	0.96792E-01	-0.81978E-01	0.39880E-01	0.94019E-01
24	-0.87242E-02	0.30135E-01	0.96336E-01	-0.63989E-01	0.48684E-01	0.90569E-01
25	0.37607E-01	0.11500E+00	0.15574E+00	-0.74217E-01	0.46939E-01	0.89025E-01
26	0.10974E+00	0.22470E+00	0.23087E+00	-0.38527E-01	0.53508E-01	0.90317E-01
27	0.13404E+00	0.22749E+00	0.16673E+00	0.14827E+00	0.72501E-02	-0.67251E-01
28	0.10749E+00	0.21353E+00	0.18999E+00	0.74218E-01	0.21341E-01	-0.51958E-02
29	0.13302E-02	0.17205E+00	0.20463E+00	0.10677E-01	0.64464E-01	0.45496E-01
30	0.67427E-01	0.16086E+00	0.19361E+00	-0.37825E-01	0.40818E-01	0.68517E-01
31	0.86019E-01	0.18096E+00	0.20904E+00	-0.44162E-01	0.42335E-01	0.68404E-01
32	0.10343E+00	0.19514E+00	0.22099E+00	-0.50000E-01	0.43073E-01	0.67873E-01
33	0.70333E-01	0.19234E+00	0.20546E+00	-0.10399E+00	0.46003E-01	0.91406E-01
34	0.20295E-01	0.13554E+00	0.16240E+00	-0.12337E+00	0.39030E-01	0.90986E-01
35	0.15977E+00	0.22871E+00	0.25585E+00	-0.13542E+00	0.21553E-01	0.91312E-01
36	0.93133E-01	0.17081E+00	0.20956E+00	-0.11129E+00	0.43634E-01	0.87394E-01
37	0.12885E+00	0.17871E+00	0.22497E+00	-0.13136E+00	0.22751E-01	0.82457E-01
38	0.15808E+00	0.26653E+00	0.19274E+00	0.12598E+00	0.11149E-01	-0.25675E-01
39	0.12700E+00	0.24847E+00	0.21606E+00	0.57610E-01	0.29764E-01	0.27430E-01
40	0.35854E-01	0.19734E+00	0.23332E+00	-0.11429E-01	0.77348E-01	0.51609E-01
41	0.27591E-01	0.25288E+00	0.24977E+00	-0.12008E-01	0.72187E-01	0.60532E-01
42	0.53126E-01	0.21763E+00	0.26113E+00	-0.91682E-02	0.84170E-01	0.83114E-01
43	0.11178E+00	0.19234E+00	0.23022E+00	-0.57241E-01	0.44834E-01	0.69015E-01
44	0.14500E+00	0.12870E+00	0.25375E+00	-0.52529E-01	0.56120E-01	0.86442E-01
45	0.17045E+00	0.22102E+00	0.28410E+00	-0.65791E-01	0.57569E-01	0.87770E-01
46	0.10884E+00	0.17571E+00	0.24038E+00	-0.52777E-01	0.45425E-01	0.10541E+00
47	0.10499E+00	0.16108E+00	0.21047E+00	-0.12412E+00	0.37745E-01	0.81758E-01
48	0.17242E+00	0.20038E+00	0.25187E+00	-0.13372E+00	0.25101E-02	0.78165E-01
49	0.12781E+00	0.16145E+00	0.22479E+00	-0.12181E+00	0.40469E-01	0.62611E-01
50	0.26521E+00	0.21139E+00	0.31047E+00	-0.95529E-01	0.78794E-01	0.93775E-01
51	0.12496E+00	0.13114E+00	0.20246E+00	-0.43636E-02	0.34850E-02	0.28431E-01
52	0.17043E+00	0.15402E+00	0.23864E+00	0.28415E-01	0.49060E-01	0.24213E+00
53	0.15541E+00	0.15100E+00	0.26463E+00	-0.84999E-01	0.56839E-01	0.10809E+00
54	0.13199E+00	0.29506E+00	0.21487E+00	0.93817E-01	0.93477E-02	0.38471E-01

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55	0.15101E+00	0.27321E+00	0.24509E+00	0.42921E-01	0.24157E-01	0.77787E-01
56	0.65533E-01	0.22460E+00	0.27705E+00	-0.12602E-01	0.62181E-01	0.10972E+00
57	0.14887E+00	0.18945E+00	0.27677E+00	-0.48807E-01	0.40442E-01	0.12384E+00
58	0.16044E+00	0.15424E+00	0.28872E+00	-0.75520E-01	0.45485E-01	0.13418E+00
59	0.21309E+00	0.30869E+00	0.22404E+00	0.81264E-01	-0.54734E-02	0.69730E-01
60	0.16924E+00	0.27570E+00	0.20919E+00	0.64516E-01	0.12179E-01	0.10720E+00
61	0.18449E+00	0.26593E+00	0.21952E+00	0.63759E-01	0.38619E-02	0.10776E+00
62	0.18112E+00	0.26060E+00	0.19220E+00	0.56029E-01	-0.55384E-02	0.13426E+00
63	0.18269E+00	0.26946E+00	0.23279E+00	0.38890E-01	0.37179E-02	0.11296E+00
64	0.17048E+00	0.23640E+00	0.23170E+00	0.37646E-01	-0.16993E-02	0.13786E+00
65	0.10897E+00	0.24109E+00	0.29369E+00	-0.12177E-01	-0.15853E-02	0.13624E+00
66	0.11863E+00	0.20209E+00	0.28901E+00	0.34846E-02	-0.67010E-02	0.13039E+00
67	0.94274E-01	0.15757E+00	0.25470E+00	0.83045E-02	-0.73205E-02	0.14875E+00
68	0.13812E+00	0.20015E+00	0.30631E+00	-0.41418E-01	-0.65118E-02	0.14268E+00
69	0.15789E+00	0.17131E+00	0.26908E+00	-0.37759E-01	-0.92152E-02	0.16406E+00
70	0.15776E+00	0.13439E+00	0.25758E+00	-0.25195E-01	-0.19983E-01	0.14231E+00
71	0.16672E+00	0.14230E+00	0.29252E+00	-0.66208E-01	-0.14223E-01	0.15214E+00
72	0.17096E+00	0.12202E+00	0.27675E+00	-0.52294E-01	-0.29002E-01	0.14690E+00
73	0.84399E-01	0.13158E+00	0.10546E+00	0.28243E-01	-0.31928E-03	0.17804E+00
74	0.80679E-01	0.11979E+00	0.13714E+00	0.32482E-01	-0.57128E-02	0.16520E+00
75	0.49061E-01	0.99765E-01	0.19537E+00	0.17614E-01	-0.27440E-01	0.13636E+00
76	0.14012E+00	0.11682E+00	0.23128E+00	-0.22168E-01	-0.37925E-01	0.14496E+00
77	0.57815E-01	0.50143E-01	0.15103E+00	0.19988E-01	-0.21666E-01	0.10286E+00
78	0.81145E-01	0.10209E+00	0.17409E+00	0.10461E-01	-0.24810E-01	0.76410E-01
79	0.12136E+00	0.66193E-01	0.21210E+00	-0.24420E-01	-0.49315E-01	0.10341E+00
80	0.52996E-01	-0.12168E-03	0.14163E+00	-0.65489E-03	-0.42844E-01	0.64020E-01
81	0.21906E-01	0.65204E-02	0.12156E+00	0.16700E-01	-0.28168E-01	0.38643E-01
82	0.30720E-01	0.70255E-01	0.14492E+00	-0.11924E-02	-0.31179E-01	0.25912E-01
83	0.50654E-01	-0.84937E-02	0.14213E+00	-0.12216E-01	-0.44273E-01	0.47150E-01
84	0.11112E+00	0.29264E-01	0.19570E+00	-0.22691E-01	-0.60313E-01	0.54262E-01
85	0.17191E+00	0.64784E-01	0.25562E+00	-0.53079E-01	-0.78198E-01	0.95608E-01
86	0.14517E+00	0.19199E-01	0.23434E+00	-0.60061E-01	-0.80936E-01	0.68534E-01
87	0.13641E+00	0.41067E-01	0.24514E+00	-0.61501E-01	-0.36501E-01	0.12791E+00
88	0.17236E+00	0.95533E-01	0.29343E+00	-0.76119E-01	-0.29092E-01	0.12662E+00
89	0.18792E+00	0.86482E-01	0.30879E+00	-0.89732E-01	-0.39383E-01	0.12188E+00
90	0.17917E+00	0.54007E-01	0.28738E+00	-0.67476E-01	-0.49142E-01	0.66130E-01
91	0.19360E+00	0.57130E-01	0.30584E+00	-0.77485E-01	-0.55780E-01	0.78907E-01
92	0.18154E+00	0.38133E-01	0.29464E+00	-0.67929E-01	-0.56209E-01	0.46700E-01
93	0.17150E+00	0.12750E+00	0.26776E+00	-0.67353E-01	0.59870E-01	0.11600E+00
94	0.15804E+00	0.12779E+00	0.27648E+00	-0.83062E-01	0.52954E-01	0.11411E+00
95	0.15151E+00	0.14778E+00	0.28637E+00	-0.82329E-01	0.65071E-01	0.92121E-01
96	0.16864E+00	0.13017E+00	0.30313E+00	-0.92168E-01	0.49497E-01	0.13449E+00
97	0.14101E+00	0.12976E+00	0.27814E+00	-0.10078E+00	0.63932E-01	0.88598E-01
98	0.15402E+00	0.91333E-01	0.28797E+00	-0.90538E-01	0.58420E-01	0.96112E-01
99	0.13403E+00	0.51790E-01	0.27594E+00	-0.86758E-01	0.45376E-01	0.11795E+00
100	0.14736E+00	0.65909E-01	0.27947E+00	-0.91914E-01	0.56400E-01	0.73431E-01
101	0.16052E+00	0.78658E-01	0.28232E+00	-0.90964E-01	0.58622E-01	0.54294E-01
102	0.14071E+00	0.23458E-01	0.27196E+00	-0.76295E-01	0.45553E-01	0.49601E-01
103	0.14543E+00	0.55728E-01	0.26411E+00	-0.63924E-01	0.64610E-01	0.18264E-01
104	0.12454E+00	0.24511E-01	0.24301E+00	-0.37595E-01	0.64717E-01	-0.61706E-03
105	0.18653E+00	0.15533E+00	0.27495E+00	-0.52555E-01	0.75595E-01	0.11800E+00
106	0.21411E+00	0.19962E+00	0.27829E+00	-0.35240E-02	0.69621E-01	0.46426E-01
107	0.20353E+00	0.19176E+00	0.27732E+00	-0.32045E-01	0.71139E-01	0.89344E-01
108	0.19059E+00	0.18447E+00	0.27366E+00	-0.34337E-01	0.74863E-01	0.89161E-01
109	0.17967E+00	0.17746E+00	0.26379E+00	-0.12558E-01	0.78666E-01	0.47730E-01
110	0.13815E+00	0.13609E+00	0.24037E+00	-0.47205E-01	0.82081E-01	0.89366E-01
111	0.12052E+00	0.13701E+00	0.22959E+00	-0.36921E-01	0.93741E-01	0.41835E-01
112	0.11821E+00	0.13292E+00	0.22791E+00	-0.60469E-01	0.93428E-01	0.41748E-01
113	0.96859E-01	0.10027E+00	0.22224E+00	-0.74682E-01	0.95313E-01	0.88891E-01
114	0.92661E-01	0.11519E+00	0.21333E+00	-0.61741E-01	0.10770E+00	0.41364E-01

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115	0.37902E-01	0.10922E+00	0.20733E+00	-0.11371E+00	0.10333E+00	0.40417E-01
116	0.99489E-01	0.90401E-01	0.22127E+00	-0.96936E-01	0.11306E+00	0.85502E-01
117	0.12736E+00	0.13009E+00	0.22917E+00	-0.11163E+00	0.13131E+00	0.38352E-01
118	0.12126E+00	0.12343E+00	0.22058E+00	-0.10666E+00	0.13255E+00	0.35309E-01
119	0.10029E+00	0.55697E-01	0.20643E+00	-0.94612E-01	0.13231E+00	0.67384E-01
120	0.14709E+00	0.13595E+00	0.23344E+00	-0.10470E+00	0.14935E+00	0.31570E-01
121	0.14204E+00	0.13035E+00	0.22641E+00	-0.98623E-01	0.15034E+00	0.26895E-01
122	0.82235E-01	0.52494E-02	0.17706E+00	-0.91646E-01	0.14595E+00	0.47884E-01
123	0.15305E+00	0.13424E+00	0.23017E+00	-0.95843E-01	0.16130E+00	0.21863E-01
124	0.14955E+00	0.13021E+00	0.22545E+00	-0.88177E-01	0.16211E+00	0.15948E-01
125	0.96940E-01	0.26709E-02	0.17996E+00	-0.72346E-01	0.15023E+00	0.10632E-01
126	0.18212E+00	0.14731E+00	0.24407E+00	-0.82092E-01	0.15977E+00	0.97016E-02
127	0.18006E+00	0.14464E+00	0.24207E+00	-0.57368E-01	0.15973E+00	0.46932E-02
128	0.12644E+00	0.46109E-01	0.19582E+00	-0.65964E-01	0.15036E+00	-0.40976E-02
129	0.20658E+00	0.16429E+00	0.26170E+00	-0.81234E-01	0.15078E+00	0.14856E-02
183	0.20608E+00	0.17619E+00	0.28661E+00	-0.87017E-01	0.78995E-01	0.94765E-01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.65940E-02	0.43960E-01	-0.37366E-01	-0.44569E+01	0.49794E+01	0.22357E+01
131	-0.42438E-02	-0.28292E-01	0.24048E-01	-0.68866E+01	0.89388E+01	0.73635E+01
132	-0.16490E-01	-0.10993E+00	0.93441E-01	-0.10515E+02	0.14151E+02	0.11720E+02
133	-0.17712E-01	-0.11808E+00	0.10037E+00	-0.13745E+02	0.19337E+02	0.15804E+02
134	-0.43275E-01	-0.28850E+00	0.24522E+00	-0.16774E+02	0.24423E+02	0.19590E+02
135	-0.51999E-01	-0.34666E+00	0.29466E+00	-0.17408E+02	0.28254E+02	0.22137E+02
136	-0.46037E-01	-0.30691E+00	0.26087E+00	-0.19375E+02	0.30011E+02	0.23457E+02
137	-0.58711E-01	-0.39141E+00	0.33269E+00	-0.21803E+02	0.31007E+02	0.24275E+02
138	0.14125E-01	0.94168E-01	-0.22594E-01	-0.21213E+02	0.49586E+02	0.25472E+02
139	0.17526E+00	0.11684E+01	-0.78764E+00	-0.20182E+02	0.85839E+02	0.27367E+02
140	0.24405E+00	0.16270E+01	-0.13829E+01	-0.21670E+02	0.10411E+03	0.29871E+02
141	0.22661E+00	0.15107E+01	-0.12841E+01	-0.19944E+02	0.10517E+03	0.31921E+02
142	0.23044E+00	0.18696E+01	-0.15892E+01	-0.19073E+02	0.10588E+03	0.32781E+02
143	0.28269E+00	0.18346E+01	-0.16019E+01	0.72130E+01	0.10998E+03	0.49102E+01
144	0.26830E+00	0.17897E+01	-0.15204E+01	0.87606E+01	0.11033E+03	0.73105E+01
145	0.20751E+00	0.13834E+01	-0.64975E+00	0.13491E+02	0.88957E+02	-0.29937E+02
146	0.84192E-01	0.56128E+00	-0.40406E+00	0.11706E+02	0.66721E+02	-0.35128E+02
147	0.35146E-01	0.56764E+00	-0.39683E+00	0.11680E+02	0.67453E+02	-0.34203E+02
148	0.86454E-01	0.57636E+00	-0.23756E+00	0.11328E+02	0.68409E+02	-0.34552E+02
149	0.88139E-01	0.56759E+00	-0.23838E+00	0.10488E+02	0.69504E+02	-0.35874E+02
150	0.99785E-01	0.66524E+00	-0.27201E+00	0.11588E+02	0.73517E+02	-0.34545E+02
151	0.12159E+00	0.81060E+00	0.32038E+00	0.10245E+02	0.83266E+02	-0.36094E+02
152	0.12313E+00	0.82088E+00	0.93763E+00	0.85177E+01	0.84043E+02	-0.36031E+02
153	0.12389E+00	0.82594E+00	0.91104E+00	0.73275E+01	0.84375E+02	-0.35529E+02
154	0.12083E+00	0.80553E+00	0.22800E+01	0.58098E+01	0.82089E+02	-0.34718E+02
155	0.11423E+00	0.76155E+00	0.21260E+01	0.23161E+01	0.77131E+02	-0.32546E+02
156	0.10810E+00	0.72069E+00	0.20186E+01	0.10905E+01	0.72828E+02	-0.29885E+02
157	0.10263E+00	0.68422E+00	0.17640E+01	-0.17091E+01	0.68731E+02	-0.25941E+02
158	0.97762E-01	0.65175E+00	0.16472E+01	-0.27930E+01	0.65294E+02	-0.21834E+02
159	0.93312E-01	0.62541E+00	0.12539E+01	-0.47275E+01	0.62349E+02	-0.16432E+02
160	0.90805E-01	0.60537E+00	0.11067E+01	-0.55995E+01	0.60197E+02	-0.11227E+02
161	0.98177E-01	0.65432E+00	0.67145E+00	-0.82266E+01	0.60569E+02	-0.48102E+01
162	0.10018E+00	0.66784E+00	0.77515E-02	-0.89974E+01	0.57832E+02	-0.24958E+00
163	0.11696E+00	0.77975E+00	0.19724E+00	-0.54225E+01	0.68285E+02	0.22633E+01
164	0.11820E+00	0.78799E+00	0.16517E+00	-0.91284E+01	0.68459E+02	0.44010E+01

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165	0.60129E+02	0.12123E+02	0.31963E-01	0.68442E+01	0.71223E+02	0.45177E+01
166	0.67492E+02	0.93770E+01	0.38169E+00	0.57082E+01	0.66287E+02	0.36619E+01
167	0.54849E+02	0.70939E+01	0.11824E+01	0.49970E+01	0.56676E+02	0.29455E+01
168	0.42894E+02	0.52661E+01	0.12099E+01	0.42857E+01	0.46725E+02	0.23239E+01
169	0.28067E+02	0.27477E+01	0.14736E+01	0.35992E+01	0.39791E+02	0.16111E+01
170	0.12963E+02	-0.50007E-01	0.19789E+01	0.28106E+01	0.34869E+02	0.79633E+00
171	-0.23655E+01	-0.27233E+01	0.22918E+01	0.17413E+01	0.25696E+02	-0.30432E+00
172	-0.11951E+02	-0.40340E+01	0.21226E+01	0.61044E+00	0.13431E+02	-0.13883E+01
173	-0.12686E+02	-0.33441E+01	0.13434E+01	-0.91061E-01	0.30479E+01	-0.19757E+01
174	-0.71706E+01	-0.16224E+01	0.47997E+00	-0.39705E+00	-0.41059E+01	-0.20551E+01
175	-0.16672E+01	-0.24635E+00	-0.19424E-01	-0.21560E+00	-0.47984E+01	-0.16672E+01
176	0.17857E+00	0.79975E-01	-0.56841E-01	-0.83941E-02	-0.31470E+01	-0.12749E+01
177	0.16818E+00	0.40216E-01	-0.18750E-01	0.45169E-01	-0.21035E+01	-0.95248E+00
178	0.15411E-01	0.76631E-02	-0.78547E-02	0.29761E-01	-0.13750E+01	-0.68178E+00
179	0.24091E-01	0.22121E-02	-0.11205E-02	0.31266E-01	-0.99047E+00	-0.48737E+00
180	-0.16062E-01	-0.63388E-02	0.24293E-02	0.31235E-01	-0.61167E+00	-0.29936E+00
181	0.16640E-02	0.79760E-02	-0.74605E-02	0.53013E-01	-0.29115E+00	-0.10177E+00
182	-0.31765E-01	-0.14754E-01	0.86866E-02	0.30265E-01	0.75941E-01	0.83585E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	-0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.33290E-02	0.14299E-04	0.32498E-02	0.00000E+00
3	-0.60658E-02	0.19072E-04	0.60826E-02	0.00000E+00
4	-0.67303E-02	0.71876E-05	0.68037E-02	0.00000E+00
5	-0.76675E-02	-0.69661E-05	0.76762E-02	0.00000E+00
6	-0.82682E-02	0.51338E-06	0.82683E-02	0.00000E+00
7	-0.76860E-02	-0.20012E-04	0.76492E-02	0.00000E+00
8	-0.82308E-02	0.59375E-05	0.82649E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.32114E-02	-0.31632E-04	0.31601E-02	0.00000E+00
11	-0.59363E-02	-0.50665E-04	0.58939E-02	0.00000E+00
12	-0.67079E-02	-0.51879E-04	0.66133E-02	0.00000E+00
13	-0.76831E-02	-0.21634E-04	0.75848E-02	0.00000E+00
14	-0.83250E-02	0.15791E-04	0.82518E-02	0.00000E+00
15	-0.77226E-02	-0.65639E-04	0.75406E-02	0.00000E+00
16	-0.84007E-02	0.37114E-05	0.82377E-02	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.31460E-02	-0.66503E-04	0.29743E-02	0.00000E+00
19	-0.59242E-02	-0.11293E-03	0.56238E-02	0.00000E+00
20	-0.66852E-02	-0.12266E-03	0.63664E-02	0.00000E+00
21	-0.77594E-02	-0.70711E-04	0.74338E-02	0.00000E+00
22	-0.85122E-02	0.25142E-05	0.82302E-02	0.00000E+00
23	-0.78112E-02	-0.12543E-03	0.73063E-02	0.00000E+00
24	-0.86652E-02	-0.62500E-05	0.82438E-02	0.00000E+00
25	-0.87569E-02	-0.32872E-04	0.82654E-02	0.00000E+00
26	-0.83123E-02	-0.23299E-04	0.32843E-02	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.30205E-02	-0.85789E-04	0.25769E-02	0.00000E+00
29	-0.57860E-02	-0.14097E-03	0.49876E-02	0.00000E+00
30	-0.65993E-02	-0.15653E-03	0.57578E-02	0.00000E+00
31	-0.78335E-02	-0.11600E-03	0.70745E-02	0.00000E+00
32	-0.88678E-02	-0.11699E-04	0.83060E-02	0.00000E+00
33	-0.78316E-02	-0.11925E-03	0.69577E-02	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.29714E-02	-0.76529E-04	0.24050E-02	0.00000E+00
36	-0.57267E-02	-0.12373E-03	0.46830E-02	0.00000E+00
37	-0.65506E-02	-0.11539E-03	0.54089E-02	0.00000E+00
38	-0.78267E-02	-0.81042E-04	0.68094E-02	0.00000E+00
39	-0.89343E-02	-0.27461E-04	0.83053E-02	0.00000E+00
40	-0.89211E-02	-0.27186E-04	0.83074E-02	0.00000E+00
41	-0.89083E-02	-0.26794E-04	0.83101E-02	0.00000E+00
42	-0.88942E-02	-0.24871E-04	0.83124E-02	0.00000E+00
43	-0.64373E-02	-0.46714E-04	0.45696E-02	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.27708E-02	-0.34714E-04	0.16073E-02	0.00000E+00
46	-0.54265E-02	-0.50355E-05	0.31476E-02	0.00000E+00
47	-0.89367E-02	-0.27473E-04	0.82909E-02	0.00000E+00
48	-0.89387E-02	-0.27474E-04	0.83050E-02	0.00000E+00
49	-0.78228E-02	-0.67528E-04	0.67440E-02	0.00000E+00
50	-0.89446E-02	-0.26722E-04	0.83350E-02	0.00000E+00
51	-0.77022E-02	0.14348E-05	0.56543E-02	0.00000E+00
52	-0.87726E-02	-0.30383E-04	0.67126E-02	0.00000E+00
53	-0.89297E-02	-0.27486E-04	0.82422E-02	0.00000E+00
54	-0.62545E-02	0.13320E-04	0.36433E-02	0.00000E+00
55	-0.74796E-02	0.73074E-04	0.44414E-02	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.25955E-02	0.49159E-04	0.82270E-03	0.00000E+00
58	-0.51294E-02	0.19341E-03	0.16827E-02	0.00000E+00
59	-0.84849E-02	0.15377E-03	0.51478E-02	0.00000E+00
60	-0.86918E-02	-0.22969E-05	0.62213E-02	0.00000E+00
61	-0.89464E-02	-0.26561E-04	0.83502E-02	0.00000E+00
62	-0.59033E-02	0.29956E-03	0.13962E-02	0.00000E+00
63	-0.70414E-02	0.46051E-03	0.22479E-02	0.00000E+00
64	-0.86258E-02	-0.21837E-04	0.67463E-02	0.00000E+00
65	-0.89482E-02	-0.26487E-04	0.83653E-02	0.00000E+00
66	-0.89621E-02	-0.26110E-04	0.83958E-02	0.00000E+00
67	-0.89761E-02	-0.25030E-04	0.84264E-02	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.25419E-02	0.13960E-03	0.34276E-03	0.00000E+00
70	-0.49126E-02	0.38071E-03	0.71570E-03	0.00000E+00
71	-0.80578E-02	0.63383E-03	0.25583E-02	0.00000E+00
72	-0.88524E-02	-0.49724E-05	0.63307E-02	0.00000E+00
73	-0.66829E-02	0.72123E-03	0.92027E-03	0.00000E+00
74	-0.91381E-02	0.34684E-04	0.64916E-02	0.00000E+00
75	-0.89879E-02	-0.23729E-04	0.84558E-02	0.00000E+00
76	-0.90634E-02	-0.19245E-04	0.85092E-02	0.00000E+00
77	-0.75496E-02	0.92544E-03	0.10071E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.25327E-02	0.18975E-03	-0.63308E-04	0.00000E+00
80	-0.47943E-02	0.53262E-03	-0.14953E-03	0.00000E+00
81	-0.54043E-02	0.71857E-03	-0.16973E-03	0.00000E+00
82	-0.62905E-02	0.90312E-03	-0.19083E-03	0.00000E+00
83	-0.89664E-02	0.83758E-03	0.29052E-02	0.00000E+00
84	-0.79205E-02	0.13041E-02	0.97753E-04	0.00000E+00
85	-0.92218E-02	-0.12719E-04	0.85807E-02	0.00000E+00
86	-0.94753E-02	0.11736E-03	0.67489E-02	0.00000E+00
87	-0.70922E-02	0.11022E-02	-0.20310E-03	0.00000E+00
88	-0.92984E-02	0.45004E-03	0.48581E-02	0.00000E+00
89	-0.93665E-02	-0.46478E-05	0.86518E-02	0.00000E+00
90	-0.55801E-02	0.52251E-03	-0.12328E-02	0.00000E+00
91	-0.59204E-02	0.62540E-03	-0.13608E-02	0.00000E+00
92	-0.61152E-02	0.69403E-03	-0.14108E-02	0.00000E+00
93	-0.00000E+00	0.00000E+00	-0.00000E+00	0.00000E+00
94	-0.22215E-02	0.00000E+00	-0.96899E-03	0.00000E+00
95	-0.40165E-02	0.00000E+00	-0.17617E-02	0.00000E+00
96	-0.43953E-02	0.00000E+00	-0.19481E-02	0.00000E+00
97	-0.47656E-02	0.00000E+00	-0.21179E-02	0.00000E+00
98	-0.48120E-02	0.00000E+00	-0.21757E-02	0.00000E+00
99	-0.53982E-02	0.37007E-03	-0.17244E-02	0.00000E+00
100	-0.64967E-02	0.85334E-03	-0.12088E-02	0.00000E+00
101	-0.85053E-02	0.15081E-02	0.18538E-03	0.00000E+00
102	-0.97432E-02	0.10349E-04	0.87575E-02	0.00000E+00
103	-0.94922E-02	0.98549E-03	0.30750E-02	0.00000E+00
104	-0.10046E-01	0.23476E-03	0.70742E-02	0.00000E+00
105	-0.10066E-01	0.26569E-04	0.88592E-02	0.00000E+00
106	-0.98562E-02	0.11154E-02	0.32744E-02	0.00000E+00
107	-0.10503E-01	0.34575E-03	0.73452E-02	0.00000E+00
108	-0.10339E-01	0.45912E-04	0.89563E-02	0.00000E+00
109	-0.10567E-01	0.66705E-04	0.90461E-02	0.00000E+00
110	-0.10374E-01	0.13209E-02	0.35987E-02	0.00000E+00
111	-0.10346E-01	0.45775E-03	0.75734E-02	0.00000E+00
112	-0.10752E-01	0.89003E-04	0.91287E-02	0.00000E+00
113	-0.10653E-01	0.12333E-02	0.46600E-02	0.00000E+00
114	-0.10895E-01	0.11272E-03	0.92018E-02	0.00000E+00
115	-0.10992E-01	0.13653E-03	0.92659E-02	0.00000E+00
116	-0.11043E-01	0.16011E-03	0.93173E-02	0.00000E+00

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117	-0.11021E-01	0.59490E-03	0.77676E-02	0.00000E+00
118	-0.11045E-01	0.17165E-03	0.93397E-02	0.00000E+00
119	-0.11040E-01	0.13822E-03	0.93681E-02	0.00000E+00
120	-0.11207E-01	0.77612E-03	0.80071E-02	0.00000E+00
121	-0.11031E-01	0.21161E-03	0.93990E-02	0.00000E+00
122	-0.11028E-01	0.23141E-03	0.94309E-02	-0.49665E-05
123	-0.11013E-01	0.27491E-03	0.94567E-02	-0.91043E-05
124	-0.10935E-01	0.34621E-03	0.94825E-02	-0.14179E-04
125	-0.10936E-01	0.45303E-03	0.95088E-02	-0.20776E-04
126	-0.10812E-01	0.71458E-03	0.95522E-02	-0.30208E-04
127	-0.10655E-01	0.10431E-02	0.95938E-02	-0.34419E-04
128	-0.10317E-01	0.17991E-02	0.96791E-02	-0.32058E-04
129	-0.10059E-01	0.24099E-02	0.97370E-02	-0.22771E-04
130	-0.98975E-02	0.28283E-02	0.98409E-02	-0.97125E-05
131	-0.98393E-02	0.28692E-02	0.99675E-02	0.54986E-05
132	-0.10019E-01	0.24561E-02	0.10077E-01	0.11016E-04
133	-0.10149E-01	0.19710E-02	0.10172E-01	0.10063E-04
134	-0.10238E-01	0.15588E-02	0.10248E-01	0.85788E-05
135	-0.10303E-01	0.11787E-02	0.10308E-01	0.83387E-05
136	-0.10350E-01	0.80541E-03	0.10352E-01	0.82075E-05
137	-0.10377E-01	0.44500E-03	0.10377E-01	0.81769E-05
138	-0.10395E-01	0.65677E-04	0.10395E-01	0.82290E-05
139	-0.10395E-01	0.81996E-05	0.10395E-01	0.82007E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3000E+00

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.27817E-02	-0.83202E-02	-0.16167E-01	-0.40144E+00	0.15567E-02	0.39238E+00
2	0.10195E-01	-0.65997E-02	-0.20595E-01	-0.34125E+00	-0.27627E-02	0.34205E+00
3	0.12558E-01	-0.78085E-02	-0.17774E-01	-0.26395E+00	-0.21569E-01	0.26993E+00
4	0.48836E-03	0.10368E-02	0.23570E-01	-0.20541E+00	-0.13065E-01	0.19261E+00
5	0.24507E-03	-0.27916E-02	-0.10764E-01	-0.21483E+00	-0.13705E-01	0.20771E+00
6	-0.10011E-01	0.38744E-02	-0.26176E-01	-0.21268E+00	-0.31684E-02	0.21385E+00
7	-0.17675E-01	-0.45134E-02	-0.19887E-01	-0.13465E+00	-0.11733E-02	0.13722E+00
8	-0.24263E-01	-0.16974E-02	-0.29697E-01	-0.13729E+00	-0.99894E-04	0.14435E+00
9	-0.20371E-01	-0.37357E-01	-0.31040E-01	-0.38984E+00	-0.42564E-02	0.37613E+00
10	-0.18156E-01	-0.35331E-01	-0.43570E-01	-0.34307E+00	-0.95718E-02	0.33232E+00
11	-0.11143E-01	-0.28101E-01	-0.65140E-01	-0.28196E+00	-0.18969E-01	0.27664E+00
12	-0.50379E-01	-0.24808E-01	-0.57513E-01	-0.22033E+00	0.18251E-02	0.21406E+00
13	-0.16766E-01	-0.11482E-01	-0.44743E-01	-0.22871E+00	-0.10349E-01	0.23248E+00
14	-0.49011E-01	-0.13243E-01	-0.62883E-01	-0.23364E+00	-0.57201E-02	0.23552E+00
15	-0.49530E-01	-0.56892E-02	-0.48457E-01	-0.15243E+00	0.41535E-02	0.15410E+00
16	-0.65493E-01	-0.67825E-02	-0.63312E-01	-0.16092E+00	0.19652E-02	0.16905E+00
17	-0.27595E-01	-0.55669E-01	-0.46429E-01	-0.37757E+00	-0.10284E-01	0.34040E+00
18	-0.17457E-01	-0.49746E-01	-0.63443E-01	-0.34057E+00	-0.25882E-01	0.31233E+00
19	-0.49524E-03	-0.42539E-01	-0.10211E+00	-0.29329E+00	-0.59370E-01	0.28547E+00
20	-0.74977E-01	-0.33750E-01	-0.88184E-01	-0.24261E+00	-0.70548E-02	0.23570E+00
21	-0.22078E-01	-0.31332E-01	-0.77385E-01	-0.25615E+00	-0.34183E-01	0.27354E+00
22	-0.77502E-01	-0.52110E-01	-0.11425E+00	-0.26573E+00	-0.18439E-01	0.28949E+00
23	-0.86247E-01	-0.61365E-02	-0.80033E-01	-0.18581E+00	0.51105E-02	0.19632E+00
24	-0.15803E+00	-0.38329E-01	-0.12479E+00	-0.20103E+00	0.24297E-01	0.21205E+00
25	-0.89620E-01	-0.18132E-01	-0.94887E-01	-0.21118E+00	-0.33356E-02	0.24871E+00
26	-0.20943E+00	-0.86674E-01	-0.17089E+00	-0.22048E+00	0.33574E-01	0.27760E+00
27	-0.28760E-01	-0.60341E-01	-0.32657E-01	-0.36506E+00	-0.14480E-01	0.30542E+00
28	-0.15863E-01	-0.54313E-01	-0.76125E-01	-0.33422E+00	-0.39809E-01	0.28910E+00
29	0.19471E-01	-0.34900E-01	-0.12433E+00	-0.28619E+00	-0.11022E+00	0.28074E+00
30	-0.55858E-01	-0.40309E-01	-0.10639E+00	-0.26915E+00	-0.39018E-01	0.23912E+00
31	-0.11857E-01	-0.32579E-01	-0.93576E-01	-0.26087E+00	-0.71533E-01	0.30312E+00
32	-0.64151E-01	-0.55037E-01	-0.12553E+00	-0.25392E+00	-0.59790E-01	0.30634E+00
33	-0.16323E+00	-0.62427E-01	-0.14730E+00	-0.24769E+00	0.70180E-02	0.29570E+00
34	-0.33968E+00	-0.17840E+00	-0.26213E+00	-0.25757E+00	0.71423E-01	0.32722E+00
35	-0.80279E-01	-0.54292E-02	-0.89101E-01	-0.25966E+00	0.16413E-01	0.32721E+00
36	-0.50131E-02	0.24348E-01	-0.57070E-01	-0.24030E+00	-0.64451E-01	0.34489E+00
37	-0.12420E+00	-0.67217E-01	-0.13413E+00	-0.26696E+00	0.18068E-01	0.36136E+00
38	-0.19108E-01	-0.46757E-01	-0.50196E-01	-0.34944E+00	-0.19427E-01	0.24574E+00
39	-0.14834E-02	-0.35784E-01	-0.83379E-01	-0.32505E+00	-0.56857E-01	0.23453E+00
40	0.27595E-01	-0.29767E-01	-0.15332E+00	-0.28284E+00	-0.17649E+00	0.27029E+00
41	0.54727E-01	-0.16452E-01	-0.16571E+00	-0.29897E+00	-0.14701E+00	0.24223E+00
42	0.70513E-01	-0.14852E-01	-0.19424E+00	-0.28537E+00	-0.17848E+00	0.18217E+00
43	0.25855E-02	-0.69972E-02	-0.94428E-01	-0.26380E+00	-0.10078E+00	0.30953E+00
44	0.11439E-01	-0.11570E-01	-0.11339E+00	-0.26151E+00	-0.15765E+00	0.23593E+00
45	0.56699E-01	0.38554E-02	-0.12009E+00	-0.26219E+00	-0.14933E+00	0.23481E+00
46	0.15837E-01	-0.21000E-01	-0.15138E+00	-0.25468E+00	-0.10008E+00	0.17260E+00
47	-0.59377E-01	-0.30593E-01	-0.99313E-01	-0.25311E+00	-0.48671E-01	0.36702E+00
48	0.82393E-03	0.46463E-02	-0.56708E-01	-0.26814E+00	-0.31442E-01	0.37348E+00
49	0.13680E-01	-0.88590E-02	-0.77984E-01	-0.26381E+00	-0.12281E+00	0.41508E+00
50	0.16443E+00	0.35207E-01	-0.28159E-01	-0.23187E+00	-0.31874E+00	0.22974E+00
51	-0.14654E-01	-0.26858E-01	-0.63893E-01	-0.12757E-01	-0.35583E-01	0.63669E-01
52	0.32420E-01	-0.13560E-01	-0.64305E-01	0.55212E-01	-0.18270E+00	-0.63622E+00
53	0.31222E-01	-0.42902E-01	-0.16907E+00	-0.20071E+00	-0.16146E+00	0.17526E+00
54	-0.32667E-02	-0.14357E-01	-0.38805E-01	-0.32486E+00	-0.17426E-01	0.14844E+00

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55	0.12624E-01	-0.76219E-03	-0.83930E-01	-0.30679E+00	-0.49023E-01	0.14590E+00
56	0.53973E-01	0.11583E-01	-0.22681E+00	-0.25851E+00	-0.14019E+00	0.12611E+00
57	0.34864E-01	0.13193E-01	-0.16546E+00	-0.22704E+00	-0.10480E+00	0.12068E+00
58	0.30735E-01	0.10772E-01	-0.19642E+00	-0.18143E+00	-0.13118E+00	0.10412E+00
59	-0.70313E-02	0.49853E-02	-0.22563E-01	-0.31723E+00	0.77661E-02	0.10034E+00
60	0.26130E-01	0.52400E-01	-0.14562E-01	-0.30405E+00	-0.13776E-01	0.41113E-01
61	0.10463E-02	0.53318E-01	-0.35934E-01	-0.30700E+00	-0.11964E-01	0.40670E-01
62	0.56052E-01	0.10244E+00	0.37694E-01	-0.30956E+00	0.91792E-02	-0.84036E-02
63	0.54457E-02	0.32720E-01	-0.89492E-01	-0.28954E+00	-0.15999E-01	0.72913E-01
64	0.19316E-01	0.81342E-01	-0.65771E-01	-0.27567E+00	-0.87446E-02	0.14145E-01
65	0.16555E-01	0.30813E-01	-0.25119E+00	-0.25630E+00	-0.39753E-01	0.70609E-01
66	0.36925E-01	0.57870E-01	-0.25193E+00	-0.24105E+00	-0.43666E-01	0.43142E-01
67	0.58948E-02	0.10857E+00	-0.23591E+00	-0.20138E+00	-0.22841E-01	-0.18949E-01
68	0.24338E-01	0.31936E-01	-0.18860E+00	-0.22400E+00	-0.39665E-01	0.68545E-01
69	0.29770E-01	0.72460E-01	-0.15540E+00	-0.20481E+00	-0.18562E-01	0.43187E-02
70	0.66155E-01	0.79119E-01	-0.15077E+00	-0.17624E+00	-0.21839E-01	-0.14361E-01
71	0.48120E-01	0.54812E-01	-0.19739E+00	-0.18007E+00	-0.39549E-01	0.32701E-01
72	0.60643E-01	0.74364E-01	-0.13053E+00	-0.16521E+00	-0.16830E-01	-0.36492E-02
73	0.17610E-01	0.35096E-01	-0.11042E-01	-0.29228E+00	0.31708E-02	-0.63461E-01
74	0.12780E-01	0.34720E-01	-0.72648E-01	-0.25453E+00	0.96514E-02	-0.55143E-01
75	0.31124E-01	0.33795E-01	-0.21394E+00	-0.20421E+00	0.27615E-01	-0.42849E-01
76	0.69135E-01	0.87535E-01	-0.13020E+00	-0.20850E+00	0.23731E-01	-0.12398E-01
77	0.33563E-01	0.65570E-01	-0.12220E+00	-0.16296E+00	0.19986E-01	-0.41540E-01
78	-0.71199E-02	-0.77705E-01	-0.18714E+00	-0.10288E+00	0.16364E-01	-0.38204E-01
79	0.82631E-01	0.60482E-01	-0.14538E+00	-0.14230E+00	0.25567E-01	-0.23480E-01
80	0.12275E+00	0.70649E-01	-0.10218E+00	-0.97377E-01	0.30449E-01	-0.32321E-01
81	0.56299E-01	0.25622E-01	-0.13192E+00	-0.65834E-01	0.20463E-01	-0.19300E-01
82	0.63797E-01	-0.31711E-01	-0.14307E+00	-0.40188E-01	0.18925E-01	-0.13509E-01
83	0.10122E+00	0.42657E-01	-0.12803E+00	-0.77765E-01	0.32605E-01	-0.19016E-01
84	0.11117E+00	0.53665E-01	-0.14335E+00	-0.83593E-01	0.25331E-01	-0.25702E-01
85	0.13387E+00	0.51688E-01	-0.16687E+00	-0.12993E+00	0.27131E-01	0.46570E-03
86	0.13073E+00	0.57436E-01	-0.18049E+00	-0.99539E-01	0.32365E-01	-0.21740E-02
87	0.70645E-01	0.91834E-01	-0.19272E+00	-0.11295E+00	-0.12845E-01	-0.36231E-01
88	0.71101E-01	0.46430E-01	-0.21907E+00	-0.13373E+00	-0.46416E-01	0.35007E-01
89	0.84098E-01	0.54740E-01	-0.22766E+00	-0.11799E+00	-0.45785E-01	0.30430E-01
90	0.10171E+00	0.23045E-01	-0.23744E+00	-0.57177E-01	-0.50899E-01	-0.54103E-02
91	0.14010E+00	0.69067E-01	-0.21372E+00	-0.78032E-01	-0.55452E-01	0.36008E-01
92	0.12131E+00	0.44451E-01	-0.23608E+00	-0.60751E-01	-0.53668E-01	0.31275E-01
93	0.27909E-01	-0.71443E-01	-0.18623E+00	-0.13862E+00	-0.18243E+00	0.11743E+00
94	0.54069E-01	0.19785E-01	-0.16732E+00	-0.13390E+00	-0.16015E+00	0.11993E+00
95	-0.61399E-02	0.15389E-02	-0.19051E+00	-0.94087E-01	-0.17450E+00	0.10027E+00
96	0.25743E-01	0.17798E-01	-0.22211E+00	-0.13308E+00	-0.15024E+00	0.62025E-01
97	-0.22528E-01	-0.45892E-02	-0.21150E+00	-0.11178E+00	-0.17219E+00	0.82428E-01
98	0.18864E-01	0.30343E-01	-0.22626E+00	-0.32656E-01	-0.16271E+00	0.63433E-01
99	0.12641E-01	0.11867E-01	-0.26338E+00	-0.95188E-01	-0.14037E+00	0.32902E-01
100	-0.76865E-02	-0.17704E-01	-0.26494E+00	-0.63523E-01	-0.16180E+00	0.50935E-01
101	0.16354E-01	-0.35565E-02	-0.23808E+00	-0.44544E-01	-0.16811E+00	0.48994E-01
102	0.20944E-01	0.85016E-03	-0.27765E+00	-0.45466E-01	-0.15686E+00	0.37048E-01
103	-0.27624E-01	-0.10244E-01	-0.25799E+00	0.19391E-02	-0.16922E+00	0.37024E-01
104	-0.59370E-02	0.21294E-01	-0.23531E+00	0.62839E-02	-0.16972E+00	0.37821E-01
105	0.44103E-01	-0.20058E-01	-0.13642E+00	-0.13639E+00	-0.24275E+00	0.99868E-01
106	0.70387E-01	0.12148E-01	-0.44914E-01	-0.84640E-02	-0.25338E+00	0.66499E-01
107	0.56641E-01	0.29971E-01	-0.58253E-01	-0.70097E-01	-0.24767E+00	0.70632E-01
108	0.26457E-01	0.21430E-01	-0.80262E-01	-0.73248E-01	-0.24460E+00	0.73419E-01
109	-0.23783E-01	-0.46827E-01	-0.11467E+00	-0.27392E-01	-0.24907E+00	0.66878E-01
110	-0.63300E-01	-0.56658E-01	-0.16299E+00	-0.10472E+00	-0.23914E+00	0.79057E-01
111	-0.16682E+00	-0.13686E+00	-0.20933E+00	-0.74470E-01	-0.24183E+00	0.57915E-01
112	-0.16870E+00	-0.13786E+00	-0.21305E+00	-0.12143E+00	-0.24092E+00	0.58093E-01
113	-0.12503E+00	-0.34861E-01	-0.19724E+00	-0.12497E+00	-0.21788E+00	0.10342E+00
114	-0.19943E+00	-0.15535E+00	-0.23360E+00	-0.10106E+00	-0.22337E+00	0.56903E-01

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115	-0.20476E+00	-0.15905E+00	-0.24972E+00	-0.18752E+00	-0.22047E+00	0.56223E-01
116	-0.98808E-01	-0.30434E-01	-0.19983E+00	-0.13224E+00	-0.19707E+00	0.85228E-01
117	-0.12246E+00	-0.11024E+00	-0.21465E+00	-0.14678E+00	-0.19830E+00	0.52814E-01
118	-0.12903E+00	-0.11343E+00	-0.22789E+00	-0.11935E+00	-0.19497E+00	0.49996E-01
119	-0.65795E-01	-0.22939E-01	-0.20199E+00	-0.90627E-01	-0.17706E+00	0.68433E-01
120	-0.10666E+00	-0.10150E+00	-0.22594E+00	-0.86133E-01	-0.17938E+00	0.44807E-01
121	-0.11150E+00	-0.10472E+00	-0.23484E+00	-0.62304E-01	-0.17735E+00	0.40521E-01
122	-0.70541E-01	-0.30911E-01	-0.21907E+00	-0.50411E-01	-0.16232E+00	0.54749E-01
123	-0.13017E+00	-0.11731E+00	-0.25428E+00	-0.30639E-01	-0.16512E+00	0.34050E-01
124	-0.13339E+00	-0.12093E+00	-0.25922E+00	-0.56233E-02	-0.16426E+00	0.28803E-01
125	-0.65323E-01	-0.68161E-02	-0.21172E+00	0.53249E-02	-0.15074E+00	0.43199E-01
126	-0.15628E+00	-0.13675E+00	-0.27503E+00	0.30926E-01	-0.15348E+00	0.20301E-01
127	-0.15669E+00	-0.13772E+00	-0.27510E+00	0.56923E-01	-0.15365E+00	0.16506E-01
128	-0.16846E+00	-0.92035E-01	-0.27250E+00	0.41210E-01	-0.14107E+00	0.30831E-01
129	-0.31062E+00	-0.23774E+00	-0.37242E+00	0.81125E-01	-0.13382E+00	0.68640E-02
183	0.70709E-01	-0.43052E-01	-0.13008E+00	-0.21454E+00	-0.25371E+00	0.22953E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.19529E-02	-0.13019E-01	0.11066E-01	-0.28552E+01	-0.33120E+01	0.97084E+00
131	-0.26347E-02	-0.17565E-01	0.14930E-01	-0.91744E+01	-0.68570E+01	0.13371E+01
132	0.46181E-02	0.30788E-01	-0.26169E-01	-0.15634E+02	-0.11061E+02	0.26548E+01
133	0.40223E-03	0.26816E-02	-0.22793E-02	-0.22838E+02	-0.15156E+02	0.44973E+01
134	0.14833E-02	0.98887E-02	-0.84054E-02	-0.31093E+02	-0.19083E+02	0.73652E+01
135	0.76039E-02	0.50692E-01	-0.43089E-01	-0.37101E+02	-0.21607E+02	0.10432E+02
136	-0.29255E-02	-0.19504E-01	0.16578E-01	-0.42123E+02	-0.23019E+02	0.13007E+02
137	-0.86927E-02	-0.57952E-01	0.49259E-01	-0.42342E+02	-0.23403E+02	0.14007E+02
138	0.38664E-01	0.25776E+00	-0.21784E+00	-0.44068E+02	-0.32508E+02	0.15602E+02
139	0.22539E-01	0.15026E+00	-0.14156E+00	-0.44376E+02	-0.50008E+02	0.15776E+02
140	-0.75705E-03	-0.50470E-02	0.42900E-02	-0.55559E+02	-0.60431E+02	0.18433E+02
141	-0.30975E-02	-0.20650E-01	0.17552E-01	-0.56911E+02	-0.60720E+02	0.19369E+02
142	-0.78395E-02	-0.52263E-01	0.44424E-01	-0.59344E+02	-0.61204E+02	0.21239E+02
143	-0.86550E-02	-0.57700E-01	0.49045E-01	0.16185E+02	-0.50113E+02	-0.47098E+02
144	-0.80563E-02	-0.53708E-01	0.45652E-01	0.15269E+02	-0.51600E+02	-0.46927E+02
145	-0.96830E-01	-0.64553E+00	-0.43743E+00	-0.21790E+01	-0.40893E+02	-0.69290E+02
146	-0.37571E-01	-0.25047E+00	-0.27773E+00	-0.31688E+01	-0.29466E+02	-0.51705E+02
147	-0.36736E-01	-0.24491E+00	-0.28137E+00	-0.37661E+01	-0.28911E+02	-0.51691E+02
148	-0.35805E-01	-0.23870E+00	0.16182E+00	-0.27459E+01	-0.28040E+02	-0.51777E+02
149	-0.34771E-01	-0.23181E+00	0.15992E+00	-0.16388E+00	-0.26806E+02	-0.52165E+02
150	-0.37446E-01	-0.24964E+00	0.95640E-01	0.12101E+01	-0.26754E+02	-0.51790E+02
151	-0.44962E-01	-0.29974E+00	0.16353E+01	0.56457E+01	-0.29375E+02	-0.52566E+02
152	-0.49473E-01	-0.32982E+00	0.28620E+01	0.61216E+01	-0.32336E+02	-0.52676E+02
153	-0.56119E-01	-0.37413E+00	0.25733E+01	0.80953E+01	-0.36507E+02	-0.52165E+02
154	-0.70383E-01	-0.46922E+00	0.48401E+01	0.99372E+01	-0.45819E+02	-0.51449E+02
155	-0.90758E-01	-0.60505E+00	0.40981E+01	0.92396E+01	-0.59619E+02	-0.49127E+02
156	-0.10717E+00	-0.71449E+00	0.34023E+01	0.11127E+02	-0.70370E+02	-0.46430E+02
157	-0.12018E+00	-0.80120E+00	0.28184E+01	0.11447E+02	-0.79065E+02	-0.42420E+02
158	-0.13016E+00	-0.86774E+00	0.22291E+01	0.12145E+02	-0.85669E+02	-0.38368E+02
159	-0.13728E+00	-0.91518E+00	0.16791E+01	0.13034E+02	-0.90318E+02	-0.33185E+02
160	-0.14151E+00	-0.94338E+00	0.10668E+01	0.12710E+02	-0.93211E+02	-0.28248E+02
161	-0.15763E+00	-0.10509E+01	0.53953E+00	0.12720E+02	-0.97322E+02	-0.22135E+02
162	-0.15953E+00	-0.10639E+01	-0.13069E+00	0.11668E+02	-0.92526E+02	-0.17625E+02
163	-0.18132E+00	-0.12088E+01	-0.32393E+00	0.95487E+01	-0.10569E+03	-0.13973E+02
164	-0.17739E+00	-0.11826E+01	-0.34844E+00	0.14501E+02	-0.10262E+03	-0.11668E+02

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165	-0.10697E+03	-0.15337E+02	-0.50340E+00	-0.62391E+01	-0.10426E+03	-0.98555E+01
166	-0.87525E+02	-0.11475E+02	-0.17780E+01	-0.47686E+01	-0.96647E+02	-0.85494E+01
167	-0.69784E+02	-0.85459E+01	-0.19522E+01	-0.38612E+01	-0.83279E+02	-0.74683E+01
168	-0.53560E+02	-0.62653E+01	-0.18074E+01	-0.29525E+01	-0.67570E+02	-0.65453E+01
169	-0.34288E+02	-0.30817E+01	-0.20649E+01	-0.20949E+01	-0.57424E+02	-0.55042E+01
170	-0.15034E+02	0.46174E+00	-0.26851E+01	-0.11220E+01	-0.50514E+02	-0.43191E+01
171	0.44697E+01	0.33281E+01	-0.30465E+01	0.17927E+00	-0.37979E+02	-0.27020E+01
172	0.16235E+02	0.53894E+01	-0.27819E+01	0.15072E+01	-0.21492E+02	-0.10520E+01
173	0.16627E+02	0.43901E+01	-0.17458E+01	0.22633E+01	-0.74247E+01	-0.50320E-01
174	0.96065E+01	0.21390E+01	-0.60686E+00	0.24516E+01	0.24096E+01	0.35393E+00
175	0.22910E+01	0.30449E+00	0.53879E-01	0.19587E+01	0.39920E+01	0.15714E+00
176	-0.28562E+00	-0.15225E+00	0.11104E+00	0.14515E+01	0.21279E+01	-0.11255E+00
177	-0.34447E+00	-0.87165E-01	0.38929E-01	0.10665E+01	0.96413E+00	-0.17365E+00
178	-0.41552E-01	-0.14590E-01	0.11567E-01	0.76324E+00	0.54078E+00	-0.12866E+00
179	-0.22942E-01	-0.87493E-02	0.78099E-02	0.54860E+00	0.35351E+00	-0.10345E+00
180	-0.33278E-02	0.43591E-02	-0.29019E-02	0.34923E+00	0.20694E+00	-0.67980E-01
181	0.42566E-02	-0.43393E-02	0.53737E-02	0.15564E+00	0.99324E-01	-0.40128E-01
182	-0.12507E-01	-0.58033E-02	0.34150E-02	0.83227E-02	-0.54962E-01	-0.18889E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.11842E-02	0.12407E-04	-0.12347E-02	0.00000E+00
3	0.25455E-02	0.51286E-04	-0.25637E-02	0.00000E+00
4	0.29863E-02	0.49301E-04	-0.29709E-02	0.00000E+00
5	0.37018E-02	0.11091E-04	-0.36986E-02	0.00000E+00
6	0.42749E-02	-0.48146E-06	-0.42763E-02	0.00000E+00
7	0.37060E-02	0.33258E-04	-0.36938E-02	0.00000E+00
8	0.42929E-02	0.16325E-04	-0.42829E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.10916E-02	-0.14459E-04	-0.11005E-02	0.00000E+00
11	0.24264E-02	0.21018E-04	-0.24336E-02	0.00000E+00
12	0.29396E-02	0.27588E-04	-0.29112E-02	0.00000E+00
13	0.37119E-02	-0.11058E-05	-0.36748E-02	0.00000E+00
14	0.43400E-02	-0.36586E-04	-0.42945E-02	0.00000E+00
15	0.37200E-02	-0.15988E-03	-0.36640E-02	0.00000E+00
16	0.44143E-02	-0.19899E-03	-0.43154E-02	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.97688E-03	-0.14754E-03	-0.97051E-03	0.00000E+00
19	0.23122E-02	-0.27478E-03	-0.22601E-02	0.00000E+00
20	0.28908E-02	-0.34237E-03	-0.27828E-02	0.00000E+00
21	0.37202E-02	-0.39808E-03	-0.36215E-02	0.00000E+00
22	0.45159E-02	-0.44312E-03	-0.43481E-02	0.00000E+00
23	0.37096E-02	-0.88687E-03	-0.35380E-02	0.00000E+00
24	0.46459E-02	-0.10211E-02	-0.44009E-02	0.00000E+00
25	0.47157E-02	-0.14174E-02	-0.44382E-02	0.00000E+00
26	0.47582E-02	-0.16273E-02	-0.44636E-02	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.10138E-02	-0.40503E-03	-0.69258E-03	0.00000E+00
29	0.23747E-02	-0.86765E-03	-0.18179E-02	0.00000E+00
30	0.29568E-02	-0.11439E-02	-0.23798E-02	0.00000E+00
31	0.38647E-02	-0.14734E-02	-0.33955E-02	0.00000E+00
32	0.48063E-02	-0.18977E-02	-0.44911E-02	0.00000E+00
33	0.39218E-02	-0.15933E-02	-0.33078E-02	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.10665E-02	-0.45458E-03	-0.56176E-03	0.00000E+00
36	0.24445E-02	-0.10254E-02	-0.15888E-02	0.00000E+00
37	0.30187E-02	-0.13284E-02	-0.21188E-02	0.00000E+00
38	0.39566E-02	-0.16711E-02	-0.31998E-02	0.00000E+00
39	0.48523E-02	-0.19509E-02	-0.44913E-02	0.00000E+00
40	0.48422E-02	-0.19448E-02	-0.44890E-02	0.00000E+00
41	0.48321E-02	-0.19391E-02	-0.44872E-02	0.00000E+00
42	0.48218E-02	-0.19290E-02	-0.44929E-02	0.00000E+00
43	0.30692E-02	-0.14635E-02	-0.14256E-02	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.12108E-02	-0.55344E-03	0.76116E-04	0.00000E+00
46	0.25484E-02	-0.12022E-02	-0.31258E-03	0.00000E+00
47	0.48542E-02	-0.19511E-02	-0.44823E-02	0.00000E+00
48	0.48556E-02	-0.19511E-02	-0.44923E-02	0.00000E+00
49	0.39652E-02	-0.16891E-02	-0.31522E-02	0.00000E+00
50	0.48599E-02	-0.19584E-02	-0.45407E-02	0.00000E+00
51	0.39467E-02	-0.17671E-02	-0.22972E-02	0.00000E+00
52	0.47289E-02	-0.19471E-02	-0.33002E-02	0.00000E+00
53	0.48492E-02	-0.19494E-02	-0.44480E-02	0.00000E+00
54	0.30207E-02	-0.15020E-02	-0.64082E-03	0.00000E+00
55	0.38231E-02	-0.18111E-02	-0.12582E-02	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.12762E-02	-0.53121E-03	0.89997E-03	0.00000E+00
58	0.24659E-02	-0.12104E-02	0.11793E-02	0.00000E+00
59	0.44991E-02	-0.20310E-02	-0.19384E-02	0.00000E+00
60	0.46734E-02	-0.19737E-02	-0.29096E-02	0.00000E+00
61	0.48612E-02	-0.19629E-02	-0.45652E-02	0.00000E+00
62	0.28466E-02	-0.15583E-02	0.11569E-02	0.00000E+00
63	0.34499E-02	-0.18873E-02	0.97917E-03	0.00000E+00
64	0.47667E-02	-0.19706E-02	-0.33498E-02	0.00000E+00
65	0.48625E-02	-0.19670E-02	-0.45897E-02	0.00000E+00
66	0.48729E-02	-0.19754E-02	-0.46389E-02	0.00000E+00
67	0.48835E-02	-0.19845E-02	-0.46883E-02	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.12004E-02	-0.47142E-03	0.14985E-02	0.00000E+00
70	0.22429E-02	-0.10294E-02	0.25633E-02	0.00000E+00
71	0.40775E-02	-0.22092E-02	0.61046E-03	0.00000E+00
72	0.47837E-02	-0.20019E-02	-0.30562E-02	0.00000E+00
73	0.30015E-02	-0.16093E-02	-0.29559E-02	0.00000E+00
74	0.49983E-02	-0.20859E-02	-0.53069E-02	0.00000E+00
75	0.48925E-02	-0.19927E-02	-0.47367E-02	0.00000E+00
76	0.49518E-02	-0.20090E-02	-0.48296E-02	0.00000E+00
77	0.34623E-02	-0.18447E-02	0.29752E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.11038E-02	-0.37147E-03	0.21657E-02	0.00000E+00
80	0.18901E-02	-0.80939E-03	0.38444E-02	0.00000E+00
81	0.20685E-02	-0.10322E-02	0.42125E-02	0.00000E+00
82	0.23943E-02	-0.12475E-02	0.45491E-02	0.00000E+00
83	0.46909E-02	-0.24704E-02	0.28998E-04	0.00000E+00
84	0.32814E-02	-0.17639E-02	0.44870E-02	0.00000E+00
85	0.50790E-02	-0.20296E-02	-0.49541E-02	0.00000E+00
86	0.52663E-02	-0.21935E-02	-0.36516E-02	0.00000E+00
87	0.27200E-02	-0.14690E-02	0.47494E-02	0.00000E+00
88	0.50684E-02	-0.23341E-02	-0.18736E-02	0.00000E+00
89	0.51996E-02	-0.20492E-02	-0.50786E-02	0.00000E+00
90	0.14070E-02	-0.62741E-03	0.47231E-02	0.00000E+00
91	0.13898E-02	-0.68076E-03	0.51810E-02	0.00000E+00
92	0.14101E-02	-0.72742E-03	0.53715E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.47756E-03	0.00000E+00	0.18738E-02	0.00000E+00
95	0.67312E-03	0.00000E+00	0.35498E-02	0.00000E+00
96	0.62824E-03	0.00000E+00	0.39868E-02	0.00000E+00
97	0.59161E-03	0.00000E+00	0.44220E-02	0.00000E+00
98	0.49891E-03	0.00000E+00	0.45805E-02	0.00000E+00
99	0.92968E-03	-0.38080E-03	0.48124E-02	0.00000E+00
100	0.16939E-02	-0.93220E-03	0.54543E-02	0.00000E+00
101	0.35967E-02	-0.19053E-02	0.43138E-02	0.00000E+00
102	0.55262E-02	-0.20778E-02	-0.52654E-02	0.00000E+00
103	0.50688E-02	-0.26021E-02	-0.34368E-03	0.00000E+00
104	0.57787E-02	-0.23311E-02	-0.41744E-02	0.00000E+00
105	0.58239E-02	-0.21029E-02	-0.54492E-02	0.00000E+00
106	0.53470E-02	-0.26659E-02	-0.74599E-03	0.00000E+00
107	0.62175E-02	-0.24112E-02	-0.46485E-02	0.00000E+00
108	0.60898E-02	-0.21272E-02	-0.56289E-02	0.00000E+00
109	0.63233E-02	-0.21483E-02	-0.58017E-02	0.00000E+00
110	0.57881E-02	-0.27069E-02	-0.14533E-02	0.00000E+00
111	0.65715E-02	-0.24521E-02	-0.50857E-02	0.00000E+00
112	0.65283E-02	-0.21676E-02	-0.52673E-02	0.00000E+00
113	0.61507E-02	-0.26676E-02	-0.23997E-02	0.00000E+00
114	0.66948E-02	-0.21839E-02	-0.61227E-02	0.00000E+00
115	0.68302E-02	-0.21977E-02	-0.62686E-02	0.00000E+00
116	0.69137E-02	-0.22072E-02	-0.64007E-02	0.00000E+00

117	0.67771E-02	-0.24692E-02	-0.54447E-02	0.00000E+00
118	0.69217E-02	-0.22105E-02	-0.64624E-02	0.00000E+00
119	0.69333E-02	-0.22157E-02	-0.65594E-02	0.00000E+00
120	0.69859E-02	-0.24795E-02	-0.53721E-02	0.00000E+00
121	0.69590E-02	-0.22215E-02	-0.66757E-02	0.00000E+00
122	0.69595E-02	-0.22233E-02	-0.66913E-02	0.37194E-06
123	0.69590E-02	-0.22265E-02	-0.67080E-02	0.57552E-06
124	0.69581E-02	-0.22307E-02	-0.67249E-02	0.71226E-06
125	0.69567E-02	-0.22355E-02	-0.67440E-02	0.71998E-06
126	0.69553E-02	-0.22417E-02	-0.67763E-02	0.32582E-06
127	0.69565E-02	-0.22422E-02	-0.68082E-02	-0.36848E-06
128	0.69721E-02	-0.22146E-02	-0.68743E-02	-0.22665E-05
129	0.70040E-02	-0.21465E-02	-0.69362E-02	-0.39187E-05
130	0.70551E-02	-0.20252E-02	-0.70044E-02	-0.53127E-05
131	0.71544E-02	-0.17535E-02	-0.71089E-02	-0.65234E-05
132	0.72474E-02	-0.14586E-02	-0.72012E-02	-0.65784E-05
133	0.73250E-02	-0.11740E-02	-0.72822E-02	-0.60654E-05
134	0.73800E-02	-0.92330E-03	-0.73477E-02	-0.52732E-05
135	0.74184E-02	-0.70322E-03	-0.73998E-02	-0.48407E-05
136	0.74466E-02	-0.48452E-03	-0.74380E-02	-0.49989E-05
137	0.74633E-02	-0.26732E-03	-0.74608E-02	-0.49769E-05
138	0.74746E-02	-0.40038E-04	-0.74747E-02	-0.50674E-05
139	0.74747E-02	-0.49722E-05	-0.74746E-02	-0.49761E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4000E+00

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.30805E-01	-0.23930E-01	-0.28266E-01	0.13805E+00	0.73924E-02	-0.14263E+00
2	-0.43323E-01	-0.16052E-01	-0.33615E-01	0.16258E+00	0.13329E-01	-0.16537E+00
3	-0.41082E-01	-0.13965E-01	-0.12753E-01	0.17102E+00	0.13048E-01	-0.17361E+00
4	-0.58440E-02	-0.23948E-01	0.39250E-02	0.15890E+00	-0.47899E-02	-0.17458E+00
5	-0.16490E-01	-0.10202E-01	-0.11481E-02	0.15899E+00	0.19851E-02	-0.16973E+00
6	-0.73504E-02	-0.21864E-01	-0.38403E-02	0.16112E+00	0.62983E-03	-0.16760E+00
7	0.78229E-02	-0.26747E-02	0.80661E-02	0.13352E+00	-0.23129E-02	-0.13616E+00
8	0.17775E-01	-0.35280E-02	0.14522E-01	0.12827E+00	-0.24778E-02	-0.13583E+00
9	-0.66017E-01	-0.77054E-01	-0.57320E-01	0.12132E+00	0.49988E-02	-0.12450E+00
10	-0.72742E-01	-0.66471E-01	-0.54180E-01	0.14679E+00	0.11056E-01	-0.15498E+00
11	-0.53441E-01	-0.50912E-01	-0.19313E-01	0.14931E+00	0.18453E-01	-0.16890E+00
12	-0.35474E-02	-0.18913E-01	-0.21476E-03	0.13866E+00	-0.11826E-02	-0.16200E+00
13	-0.13151E-01	-0.54175E-02	0.33174E-02	0.14098E+00	0.77368E-02	-0.16749E+00
14	-0.30772E-01	-0.55001E-01	-0.22234E-01	0.13670E+00	0.33636E-02	-0.16694E+00
15	-0.28399E-01	-0.32170E-02	0.22079E-01	0.11921E+00	-0.52010E-02	-0.13529E+00
16	0.39148E-01	0.19097E-02	0.31643E-01	0.12344E+00	-0.45477E-02	-0.13896E+00
17	-0.11674E+00	-0.18706E+00	-0.11453E+00	0.11195E+00	0.79745E-02	-0.97424E-01
18	-0.98053E-01	-0.18009E+00	-0.91282E-01	0.13198E+00	0.19995E-01	-0.13451E+00
19	-0.25571E-01	-0.16367E+00	-0.55208E-02	0.10622E+00	0.43966E-01	-0.15848E+00
20	-0.38743E-01	-0.59059E-01	-0.24407E-01	0.91460E-01	0.98106E-02	-0.15912E+00
21	-0.52920E-01	-0.12934E+00	-0.44090E-01	0.99000E-01	0.25589E-01	-0.17818E+00
22	-0.70500E-01	-0.26777E+00	-0.99214E-01	0.93695E-01	0.12142E-01	-0.18298E+00
23	0.11778E-01	-0.49971E-01	0.39119E-02	0.97799E-01	-0.40871E-02	-0.15055E+00
24	0.63248E-01	-0.47325E-01	0.29011E-01	0.66736E-01	-0.21573E-01	-0.15466E+00
25	-0.31556E-01	-0.20635E+00	-0.67655E-01	0.91479E-01	0.26781E-03	-0.17828E+00
26	-0.13919E+00	-0.39524E+00	-0.18316E+00	0.26056E-01	-0.29694E-01	-0.19490E+00
27	-0.15240E+00	-0.27003E+00	-0.15508E+00	0.12121E+00	0.10671E-01	-0.71481E-01
28	-0.11578E+00	-0.27331E+00	-0.11812E+00	0.14498E+00	0.29558E-01	-0.11485E+00
29	0.85089E-02	-0.25950E+00	0.15112E-01	0.13491E+00	0.82419E-01	-0.14739E+00
30	-0.34870E-01	-0.23951E+00	-0.64178E-01	0.13177E+00	0.31246E-01	-0.17830E+00
31	-0.12162E+00	-0.30983E+00	-0.11719E+00	0.14994E+00	0.53958E-01	-0.19205E+00
32	-0.90368E-01	-0.27994E+00	-0.89835E-01	0.15726E+00	0.43008E-01	-0.19211E+00
33	-0.80801E-01	-0.34632E+00	-0.13537E+00	0.15577E+00	-0.40222E-02	-0.20875E+00
34	0.25337E-02	-0.25948E+00	-0.68362E-01	0.19432E+00	-0.53365E-01	-0.23180E+00
35	-0.21219E+00	-0.40259E+00	-0.21143E+00	0.21250E+00	-0.14434E-01	-0.23251E+00
36	-0.11400E+00	-0.30561E+00	-0.12324E+00	0.17142E+00	0.47896E-01	-0.24923E+00
37	-0.14450E+00	-0.30306E+00	-0.14156E+00	0.20837E+00	-0.16100E-01	-0.26027E+00
38	-0.18078E+00	-0.31410E+00	-0.17325E+00	0.13571E+00	0.13523E-01	-0.24715E-01
39	-0.14975E+00	-0.31620E+00	-0.11905E+00	0.15629E+00	0.43011E-01	-0.70588E-01
40	-0.43250E-01	-0.29352E+00	0.26919E-01	0.17270E+00	0.14501E+00	-0.13900E+00
41	-0.48062E-01	-0.33364E+00	0.47140E-01	0.18523E+00	0.11667E+00	-0.12567E+00
42	-0.99785E-01	-0.29245E+00	0.77708E-01	0.16234E+00	0.14480E+00	-0.70321E-01
43	-0.13700E+00	-0.31181E+00	-0.10487E+00	0.17940E+00	0.80453E-01	-0.20045E+00
44	-0.15023E+00	-0.27506E+00	-0.76934E-01	0.17594E+00	0.12217E+00	-0.14897E+00
45	-0.21227E+00	-0.30290E+00	-0.84499E-01	0.18285E+00	0.12865E+00	-0.15147E+00
46	-0.12910E+00	-0.24694E+00	-0.19545E-01	0.16748E+00	0.83230E-01	-0.99870E-01
47	-0.11507E+00	-0.27568E+00	-0.11305E+00	0.19561E+00	0.34537E-01	-0.26624E+00
48	-0.22793E+00	-0.34378E+00	-0.19002E+00	0.21418E+00	0.23202E-01	-0.27035E+00
49	-0.17503E+00	-0.28396E+00	-0.12564E+00	0.20440E+00	0.96692E-01	-0.30725E+00
50	-0.30439E+00	-0.29563E+00	-0.16164E+00	0.17389E+00	0.24470E+00	-0.17176E+00
51	-0.55976E-01	-0.77090E-01	-0.26333E-01	0.94975E-02	0.27584E-01	-0.52461E-01
52	-0.95980E-01	-0.90378E-01	-0.29296E-01	-0.42140E-01	0.14215E+00	0.49146E+00
53	-0.16900E+00	-0.19955E+00	-0.18556E-01	0.14716E+00	0.14798E+00	-0.13312E+00
54	-0.19733E+00	-0.33473E+00	-0.17537E+00	0.15279E+00	0.16832E-01	0.63840E-01

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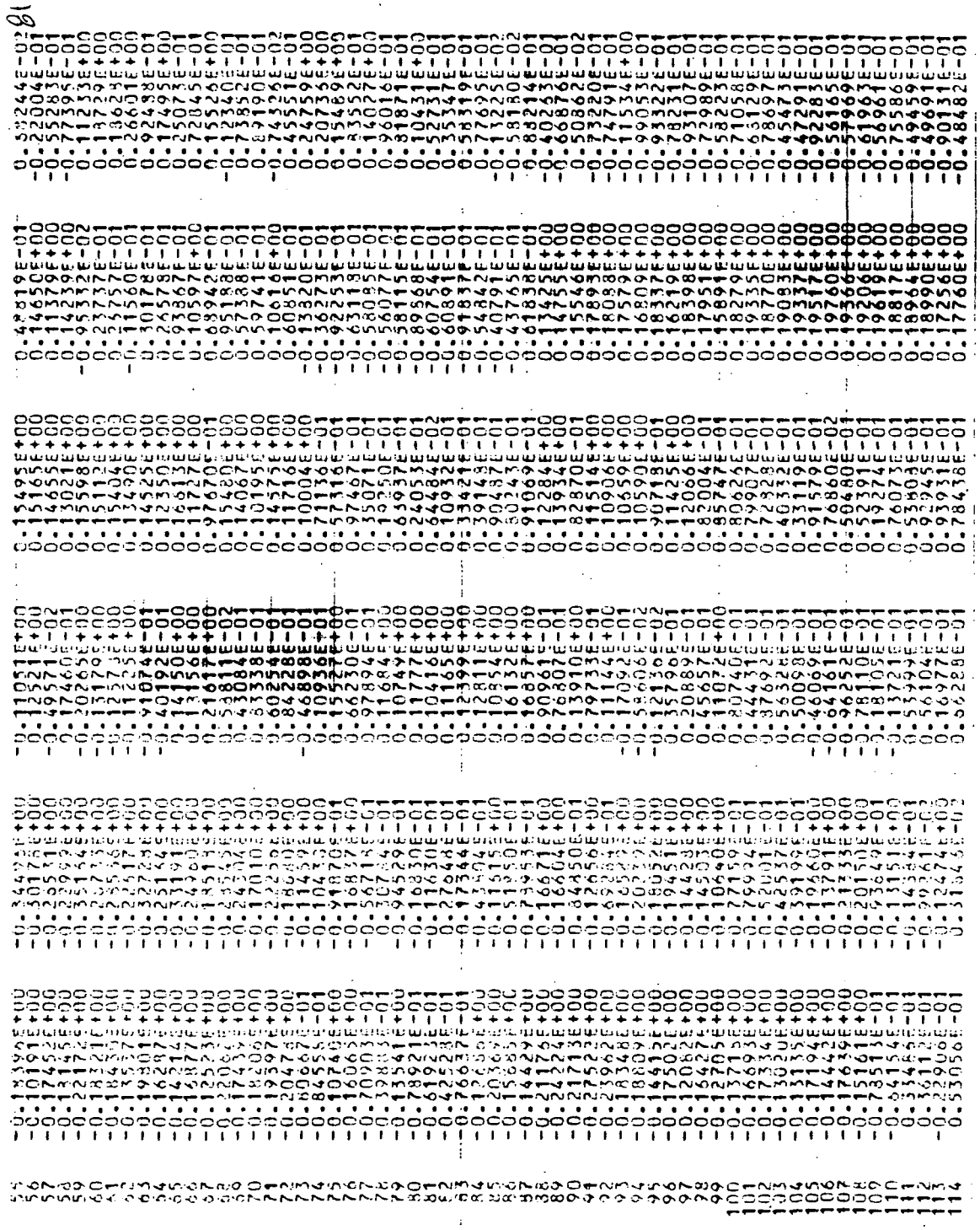

115	0.59336E-01	-0.10320E-01	0.74850E-01	0.15735E+00	0.17646E+00	-0.48040E-01
116	-0.41872E-01	-0.11537E+00	0.14217E-01	0.11380E+00	0.15560E+00	-0.89327E-01
117	-0.15825E-01	-0.30769E-01	0.34081E-01	0.13037E+00	0.15379E+00	-0.44787E-01
118	-0.74733E-02	-0.21606E-01	0.45797E-01	0.11314E+00	0.15211E+00	-0.42218E-01
119	-0.46322E-01	-0.64903E-01	0.36050E-01	0.85821E-01	0.13610E+00	-0.74019E-01
120	-0.45748E-01	-0.39920E-01	0.25789E-01	0.90837E-01	0.13472E+00	-0.37369E-01
121	-0.38703E-01	-0.31035E-01	0.34516E-01	0.75428E-01	0.13388E+00	-0.33153E-01
122	-0.38484E-01	-0.24394E-01	0.54979E-01	0.60109E-01	0.12037E+00	-0.62779E-01
123	-0.47364E-01	-0.31594E-01	0.30054E-01	0.53873E-01	0.11842E+00	-0.27016E-01
124	-0.41899E-01	-0.23408E-01	0.35530E-01	0.37065E-01	0.11841E+00	-0.21554E-01
125	-0.38280E-01	-0.53160E-02	0.57462E-01	0.20067E-01	0.10912E+00	-0.40875E-01
126	-0.50672E-01	-0.23949E-01	0.26808E-01	0.97323E-02	0.10922E+00	-0.13758E-01
127	-0.48166E-01	-0.18470E-01	0.27592E-01	-0.26833E-01	0.11008E+00	-0.90072E-02
128	0.17086E-01	0.28925E-01	0.74665E-01	-0.11134E-02	0.10070E+00	-0.28084E-01
129	0.68893E-01	0.55283E-01	0.91475E-01	-0.23748E-01	0.93881E-01	-0.48446E-02
183	-0.21368E+00	-0.22301E+00	-0.70787E-01	0.15303E+00	0.20468E+00	-0.17373E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.10279E-01	-0.68524E-01	0.58245E-01	0.36703E+01	0.21046E+01	-0.12134E+01
131	0.25381E-01	0.16920E+00	-0.14382E+00	0.94141E+01	0.48194E+01	-0.24090E+01
132	0.41209E-01	0.27472E+00	-0.23352E+00	0.14857E+02	0.75575E+01	-0.39944E+01
133	0.41114E-01	0.27409E+00	-0.23298E+00	0.20243E+02	0.10067E+02	-0.56781E+01
134	0.82052E-01	0.54701E+00	-0.46496E+00	0.25850E+02	0.12341E+02	-0.79154E+01
135	0.95556E-01	0.63704E+00	-0.54148E+00	0.27757E+02	0.13346E+02	-0.99843E+01
136	0.85896E-01	0.57264E+00	-0.48675E+00	0.31778E+02	0.14137E+02	-0.11803E+02
137	0.11008E+00	0.73334E+00	-0.62376E+00	0.35375E+02	0.14921E+02	-0.12484E+02
138	-0.14914E-01	-0.99427E-01	0.70683E-01	0.36459E+02	0.20051E+02	-0.13787E+02
139	-0.29060E+00	-0.19373E+01	0.16304E+01	0.36957E+02	0.30294E+02	-0.13928E+02
140	-0.54205E+00	-0.36137E+01	0.30716E+01	0.42034E+02	0.36319E+02	-0.15871E+02
141	-0.50539E+00	-0.33693E+01	0.28639E+01	0.41948E+02	0.36286E+02	-0.16663E+02
142	-0.60332E+00	-0.40222E+01	0.34184E+01	0.42904E+02	0.36393E+02	-0.13112E+02
143	-0.61113E+00	-0.40742E+01	0.34631E+01	-0.11504E+02	0.28461E+02	0.36204E+02
144	-0.62035E+00	-0.41336E+01	0.35153E+01	-0.12075E+02	0.29435E+02	0.36022E+02
145	0.53147E-01	0.35431E+00	0.12621E+01	-0.35568E+02	0.16930E+02	0.55187E+02
146	0.19166E-01	0.12777E+00	0.58416E+00	-0.33322E+02	0.97906E+01	0.41563E+02
147	0.17720E-01	0.11813E+00	0.58704E+00	-0.30953E+02	0.90301E+01	0.41600E+02
148	0.15788E-01	0.10526E+00	0.25541E+00	-0.31441E+02	0.74665E+01	0.41612E+02
149	0.13370E-01	0.89131E-01	0.25279E+00	-0.34355E+02	0.51635E+01	0.41861E+02
150	0.12149E-01	0.80994E-01	0.33380E+00	-0.32542E+02	0.38580E+01	0.41297E+02
151	0.11511E-01	0.76737E-01	-0.80282E+00	-0.36147E+02	0.23150E+01	0.42140E+02
152	0.10231E-01	0.68206E-01	-0.18223E+01	-0.34339E+02	0.17260E+01	0.42191E+02
153	0.10178E-01	0.67853E-01	-0.16813E+01	-0.32636E+02	0.19458E+01	0.41725E+02
154	0.15800E-01	0.10533E+00	-0.37467E+01	-0.31150E+02	0.59476E+01	0.41109E+02
155	0.26304E-01	0.17536E+00	-0.33521E+01	-0.26072E+02	0.13770E+02	0.38979E+02
156	0.34587E-01	0.23058E+00	-0.29200E+01	-0.24359E+02	0.19595E+02	0.36443E+02
157	0.40665E-01	0.27110E+00	-0.24927E+01	-0.19952E+02	0.24341E+02	0.32481E+02
158	0.44806E-01	0.29871E+00	-0.21232E+01	-0.17577E+02	0.27481E+02	0.28504E+02
159	0.46893E-01	0.31262E+00	-0.16257E+01	-0.13816E+02	0.29448E+02	0.23130E+02
160	0.46922E-01	0.31281E+00	-0.12313E+01	-0.10933E+02	0.29899E+02	0.18080E+02
161	0.49079E-01	0.32720E+00	-0.61715E+00	-0.65120E+01	0.29919E+02	0.11659E+02
162	0.45221E-01	0.30147E+00	0.40119E+00	-0.35467E+01	0.26183E+02	0.66725E+01
163	0.45006E-01	0.30004E+00	0.34643E+00	-0.39729E+01	0.25993E+02	0.36044E+01
164	0.35559E-01	0.23706E+00	0.33273E+00	-0.44133E+01	0.20346E+02	0.34214E+01

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165	0.77817E+01	-0.37845E+00	0.13798E+01	-0.91582E+00	0.17499E+02	0.35197E+01
166	0.41185E+01	-0.65732E+00	0.11888E+01	-0.10902E+01	0.15619E+02	0.32734E+01
167	0.17495E+01	-0.64278E+00	0.82425E+00	-0.11628E+01	0.12744E+02	0.30819E+01
168	-0.22204E-01	-0.55350E+00	0.51112E+00	-0.12295E+01	0.10013E+02	0.29318E+01
169	-0.15106E+01	-0.64650E+00	0.38534E+00	-0.12735E+01	0.80878E+01	0.27795E+01
170	-0.26080E+01	-0.73669E+00	0.35842E+00	-0.13056E+01	0.68678E+01	0.26193E+01
171	-0.32530E+01	-0.81108E+00	0.28325E+00	-0.13222E+01	0.52188E+01	0.24107E+01
172	-0.28469E+01	-0.62187E+00	0.15694E+00	-0.12789E+01	0.36346E+01	0.21919E+01
173	-0.17525E+01	-0.31994E+00	0.30275E-01	-0.11803E+01	0.25685E+01	0.20275E+01
174	-0.74757E+00	-0.56576E-01	-0.68367E-01	-0.10080E+01	0.21330E+01	0.18623E+01
175	-0.10245E-01	0.76937E-01	-0.80202E-01	-0.79863E+00	0.20648E+01	0.16899E+01
176	0.15403E+00	0.84248E-01	-0.59440E-01	-0.64689E+00	0.21252E+01	0.15185E+01
177	0.18554E+00	0.57494E-01	-0.28775E-01	-0.48516E+00	0.20585E+01	0.12259E+01
178	0.72155E-01	0.84754E-02	0.75119E-03	-0.34154E+00	0.15046E+01	0.88333E+00
179	-0.27481E-01	-0.93079E-02	0.34835E-02	-0.26873E+00	0.10720E+01	0.62642E+00
180	0.24032E-02	-0.31049E-02	0.26090E-02	-0.19155E+00	0.63324E+00	0.38005E+00
181	-0.10060E-01	-0.10246E-01	0.71809E-02	-0.13252E+00	0.29013E+00	0.13540E+00
182	0.40352E-01	0.18740E-01	-0.11033E-01	-0.39030E-01	-0.63082E-01	-0.11390E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.66303E-02	-0.54621E-05	0.66282E-02	0.00000E+00
3	-0.12551E-01	-0.72387E-04	0.12603E-01	0.00000E+00
4	-0.14145E-01	-0.79725E-04	0.14183E-01	0.00000E+00
5	-0.16334E-01	-0.25821E-04	0.16337E-01	0.00000E+00
6	-0.17875E-01	0.23088E-05	0.17876E-01	0.00000E+00
7	-0.16364E-01	0.61167E-04	0.16321E-01	0.00000E+00
8	-0.17914E-01	0.10581E-03	0.17900E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.63854E-02	0.72960E-04	0.63146E-02	0.00000E+00
11	-0.12334E-01	0.11524E-03	0.12242E-01	0.00000E+00
12	-0.14082E-01	0.14877E-03	0.13960E-01	0.00000E+00
13	-0.16385E-01	0.23456E-03	0.16273E-01	0.00000E+00
14	-0.18019E-01	0.31605E-03	0.17960E-01	0.00000E+00
15	-0.16463E-01	0.53506E-03	0.16339E-01	0.00000E+00
16	-0.18189E-01	0.64076E-03	0.18070E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.63581E-02	0.28361E-03	0.61705E-02	0.00000E+00
19	-0.12333E-01	0.61827E-03	0.12066E-01	0.00000E+00
20	-0.14153E-01	0.77541E-03	0.13858E-01	0.00000E+00
21	-0.16545E-01	0.92310E-03	0.16328E-01	0.00000E+00
22	-0.18429E-01	0.10461E-02	0.18242E-01	0.00000E+00
23	-0.16653E-01	0.15652E-02	0.16374E-01	0.00000E+00
24	-0.18743E-01	0.18232E-02	0.18499E-01	0.00000E+00
25	-0.18922E-01	0.23217E-02	0.18668E-01	0.00000E+00
26	-0.19029E-01	0.25923E-02	0.18773E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.66318E-02	0.59310E-03	0.59156E-02	0.00000E+00
29	-0.12689E-01	0.13985E-02	0.11664E-01	0.00000E+00
30	-0.14467E-01	0.18045E-02	0.13527E-01	0.00000E+00
31	-0.16975E-01	0.23067E-02	0.16323E-01	0.00000E+00
32	-0.19145E-01	0.29451E-02	0.18885E-01	0.00000E+00
33	-0.17689E-01	0.24529E-02	0.16278E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.67784E-02	0.63602E-03	0.58130E-02	0.00000E+00
36	-0.12889E-01	0.15372E-02	0.11466E-01	0.00000E+00
37	-0.14618E-01	0.20002E-02	0.13274E-01	0.00000E+00
38	-0.17180E-01	0.25588E-02	0.16190E-01	0.00000E+00
39	-0.19272E-01	0.30007E-02	0.18985E-01	0.00000E+00
40	-0.19245E-01	0.29930E-02	0.18960E-01	0.00000E+00
41	-0.19219E-01	0.29860E-02	0.18937E-01	0.00000E+00
42	-0.19191E-01	0.29743E-02	0.18922E-01	0.00000E+00
43	-0.14864E-01	0.19249E-02	0.12613E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.71101E-02	0.56249E-03	0.52372E-02	0.00000E+00
46	-0.13283E-01	0.13103E-02	0.10240E-01	0.00000E+00
47	-0.19279E-01	0.30007E-02	0.18981E-01	0.00000E+00
48	-0.19281E-01	0.30010E-02	0.18994E-01	0.00000E+00
49	-0.17207E-01	0.25753E-02	0.16138E-01	0.00000E+00
50	-0.19291E-01	0.30160E-02	0.19079E-01	0.00000E+00
51	-0.17321E-01	0.24005E-02	0.15174E-01	0.00000E+00
52	-0.19181E-01	0.26607E-02	0.17531E-01	0.00000E+00
53	-0.19271E-01	0.29875E-02	0.18936E-01	0.00000E+00
54	-0.14852E-01	0.16502E-02	0.11792E-01	0.00000E+00
55	-0.17237E-01	0.20274E-02	0.14098E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.70875E-02	0.34273E-03	0.44702E-02	0.00000E+00
58	-0.13065E-01	0.77543E-03	0.87536E-02	0.00000E+00
59	-0.18982E-01	0.23152E-02	0.16037E-01	0.00000E+00
60	-0.19134E-01	0.25887E-02	0.17076E-01	0.00000E+00
61	-0.19294E-01	0.30229E-02	0.19126E-01	0.00000E+00
62	-0.14661E-01	0.10133E-02	0.10003E-01	0.00000E+00
63	-0.16660E-01	0.12804E-02	0.11814E-01	0.00000E+00
64	-0.19281E-01	0.26875E-02	0.17678E-01	0.00000E+00
65	-0.19296E-01	0.30296E-02	0.19172E-01	0.00000E+00
66	-0.19319E-01	0.30431E-02	0.19263E-01	0.00000E+00
67	-0.19342E-01	0.30573E-02	0.19356E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.67304E-02	0.17215E-03	0.37511E-02	0.00000E+00
70	-0.12557E-01	0.45749E-03	0.72939E-02	0.00000E+00
71	-0.18670E-01	0.15902E-02	0.13479E-01	0.00000E+00
72	-0.19392E-01	0.26295E-02	0.17424E-01	0.00000E+00
73	-0.16211E-01	0.73304E-03	0.97407E-02	0.00000E+00
74	-0.19863E-01	0.27513E-02	0.18011E-01	0.00000E+00
75	-0.19362E-01	0.30707E-02	0.19445E-01	0.00000E+00
76	-0.19485E-01	0.30973E-02	0.19614E-01	0.00000E+00
77	-0.17897E-01	0.81021E-03	0.10880E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.64300E-02	0.58900E-04	0.31143E-02	0.00000E+00
80	-0.11809E-01	0.12196E-03	0.58607E-02	0.00000E+00
81	-0.13213E-01	0.18263E-03	0.65411E-02	0.00000E+00
82	-0.15168E-01	0.22936E-03	0.77820E-02	0.00000E+00
83	-0.20000E-01	0.16344E-02	0.15039E-01	0.00000E+00
84	-0.18348E-01	0.37717E-03	0.99728E-02	0.00000E+00
85	-0.19739E-01	0.31312E-02	0.19838E-01	0.00000E+00
86	-0.20351E-01	0.29367E-02	0.18713E-01	0.00000E+00
87	-0.16750E-01	0.26131E-03	0.87549E-02	0.00000E+00
88	-0.20366E-01	0.24056E-02	0.16964E-01	0.00000E+00
89	-0.19969E-01	0.31634E-02	0.20058E-01	0.00000E+00
90	-0.13409E-01	0.13178E-03	0.67435E-02	0.00000E+00
91	-0.14424E-01	0.79392E-04	0.70897E-02	0.00000E+00
92	-0.15039E-01	0.36719E-04	0.72400E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.50122E-02	0.00000E+00	0.27030E-02	0.00000E+00
95	-0.94342E-02	0.00000E+00	0.49169E-02	0.00000E+00
96	-0.10533E-01	0.00000E+00	0.53942E-02	0.00000E+00
97	-0.11882E-01	0.00000E+00	0.58765E-02	0.00000E+00
98	-0.12436E-01	0.00000E+00	0.60009E-02	0.00000E+00
99	-0.13329E-01	0.64806E-04	0.65903E-02	0.00000E+00
100	-0.15903E-01	0.71406E-04	0.76913E-02	0.00000E+00
101	-0.19218E-01	0.39489E-03	0.10583E-01	0.00000E+00
102	-0.20550E-01	0.32112E-02	0.20382E-01	0.00000E+00
103	-0.20713E-01	0.19438E-02	0.15883E-01	0.00000E+00
104	-0.21183E-01	0.31749E-02	0.19654E-01	0.00000E+00
105	-0.21043E-01	0.32523E-02	0.20693E-01	0.00000E+00
106	-0.21038E-01	0.20190E-02	0.16533E-01	0.00000E+00
107	-0.21773E-01	0.33063E-02	0.20415E-01	0.00000E+00
108	-0.21443E-01	0.32923E-02	0.20991E-01	0.00000E+00
109	-0.21779E-01	0.33251E-02	0.21271E-01	0.00000E+00
110	-0.21286E-01	0.20541E-02	0.17415E-01	0.00000E+00
111	-0.22151E-01	0.33698E-02	0.21047E-01	0.00000E+00
112	-0.22045E-01	0.33545E-02	0.21534E-01	0.00000E+00
113	-0.21563E-01	0.23095E-02	0.18463E-01	0.00000E+00
114	-0.22247E-01	0.33767E-02	0.21777E-01	0.00000E+00
115	-0.22396E-01	0.33941E-02	0.22001E-01	0.00000E+00
116	-0.22475E-01	0.34024E-02	0.22201E-01	0.00000E+00

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117	-0.22293E-01	0.35575E-02	0.21516E-01	0.00000E+00
118	-0.22481E-01	0.34044E-02	0.22293E-01	0.00000E+00
119	-0.22493E-01	0.34057E-02	0.22439E-01	0.00000E+00
120	-0.22312E-01	0.33014E-02	0.22031E-01	0.00000E+00
121	-0.22505E-01	0.34031E-02	0.22612E-01	0.00000E+00
122	-0.22507E-01	0.33991E-02	0.22626E-01	0.11176E-05
123	-0.22512E-01	0.33892E-02	0.22643E-01	0.22227E-05
124	-0.22520E-01	0.33714E-02	0.22661E-01	0.37641E-05
125	-0.22535E-01	0.33420E-02	0.22683E-01	0.60492E-05
126	-0.22575E-01	0.32611E-02	0.22719E-01	0.99937E-05
127	-0.22632E-01	0.31473E-02	0.22756E-01	0.12624E-04
128	-0.22776E-01	0.28374E-02	0.22832E-01	0.14959E-04
129	-0.22919E-01	0.25112E-02	0.22904E-01	0.14430E-04
130	-0.23059E-01	0.21654E-02	0.22984E-01	0.12092E-04
131	-0.23224E-01	0.17084E-02	0.23107E-01	0.86382E-05
132	-0.23327E-01	0.13609E-02	0.23217E-01	0.65978E-05
133	-0.23404E-01	0.11026E-02	0.23315E-01	0.59672E-05
134	-0.23458E-01	0.85926E-03	0.23394E-01	0.50782E-05
135	-0.23493E-01	0.66030E-03	0.23457E-01	0.43795E-05
136	-0.23520E-01	0.45997E-03	0.23503E-01	0.47659E-05
137	-0.23536E-01	0.25403E-03	0.23531E-01	0.47753E-05
138	-0.23547E-01	0.38570E-04	0.23547E-01	0.49237E-05
139	-0.23547E-01	0.47680E-05	0.23547E-01	0.47744E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5000E+00

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.61484E-01	0.51034E-01	0.37203E-01	-0.79241E+00	-0.91925E-02	0.78837E+00
2	0.82832E-01	0.44437E-01	0.38952E-01	-0.71515E+00	-0.21467E-01	0.72317E+00
3	0.67981E-01	0.34774E-01	0.63232E-02	-0.58109E+00	-0.35150E-01	0.59604E+00
4	0.12309E-01	0.46748E-01	0.22806E-01	-0.45845E+00	-0.24699E-02	0.47462E+00
5	0.26462E-01	0.26686E-01	-0.16080E-03	-0.46697E+00	-0.12489E-01	0.47962E+00
6	0.11321E-01	0.56054E-01	-0.11748E-02	-0.46769E+00	-0.12546E-02	0.48504E+00
7	-0.24374E-01	0.42249E-02	-0.21104E-01	-0.32902E+00	0.54362E-02	0.33660E+00
8	-0.39430E-01	0.11634E-01	-0.30382E-01	-0.32206E+00	0.78542E-02	0.34436E+00
9	0.30270E-01	0.12175E+00	0.71601E-01	-0.77072E+00	-0.22147E-02	0.75844E+00
10	0.57132E-01	0.11111E+00	0.49353E-01	-0.70136E+00	-0.43971E-02	0.70367E+00
11	0.40899E-02	0.84699E-01	-0.24710E-01	-0.56804E+00	-0.15544E-02	0.60111E+00
12	-0.46591E-01	0.18555E-01	-0.37135E-01	-0.44474E+00	0.21211E-01	0.47740E+00
13	-0.18515E-01	0.25868E-01	-0.27490E-01	-0.45155E+00	0.16161E-02	0.49726E+00
14	-0.30672E-02	0.90690E-01	0.57965E-02	-0.44825E+00	0.85045E-02	0.49865E+00
15	-0.80304E-01	0.63957E-02	-0.50557E-01	-0.32008E+00	0.23439E-01	0.35184E+00
16	-0.10534E+00	0.40874E-02	-0.63373E-01	-0.33294E+00	0.22910E-01	0.36789E+00
17	0.12489E+00	0.25267E+00	0.13175E+00	-0.75217E+00	-0.27179E-02	0.73191E+00
18	0.69415E-01	0.25622E+00	0.83414E-01	-0.69423E+00	-0.80376E-02	0.63952E+00
19	-0.79582E-01	0.22786E+00	-0.35633E-01	-0.52335E+00	-0.16722E-01	0.60002E+00
20	-0.32424E-01	0.70399E-01	-0.15575E-01	-0.40238E+00	0.19306E-01	0.48998E+00
21	0.41912E-02	0.18242E+00	0.23712E-01	-0.41644E+00	-0.11243E-01	0.53081E+00
22	0.15971E-01	0.34691E+00	0.89700E-01	-0.41323E+00	0.10806E-01	0.54572E+00
23	-0.94950E-01	0.66637E-01	-0.37363E-01	-0.31726E+00	0.36651E-01	0.39883E+00
24	-0.19250E+00	0.52359E-01	-0.81405E-01	-0.26855E+00	0.70162E-01	0.40968E+00
25	-0.42112E-01	0.27259E+00	0.59508E-01	-0.32577E+00	0.31155E-01	0.45762E+00
26	0.48655E-01	0.49357E+00	0.18378E+00	-0.24492E+00	0.89641E-01	0.49484E+00
27	0.15430E+00	0.34009E+00	0.16962E+00	-0.81438E+00	-0.21498E-02	0.70935E+00
28	0.69013E-01	0.36051E+00	0.10222E+00	-0.72188E+00	-0.11029E-01	0.67168E+00
29	-0.14063E+00	0.34610E+00	-0.86457E-01	-0.56305E+00	-0.50847E-01	0.59158E+00
30	-0.28606E-01	0.31213E+00	0.47450E-01	-0.46430E+00	-0.94279E-03	0.54146E+00
31	0.99510E-01	0.42126E+00	0.12637E+00	-0.49573E+00	-0.42264E-01	0.56536E+00
32	0.47295E-01	0.39653E+00	0.96770E-01	-0.49240E+00	-0.23274E-01	0.56751E+00
33	-0.47035E-01	0.41413E+00	0.10591E+00	-0.42779E+00	0.58681E-01	0.52026E+00
34	-0.23548E+00	0.25342E+00	-0.29207E-01	-0.47372E+00	0.13599E+00	0.55982E+00
35	0.27399E+00	0.59322E+00	0.31065E+00	-0.50445E+00	0.40659E-01	0.56098E+00
36	0.70547E-01	0.41223E+00	0.13915E+00	-0.44562E+00	-0.32838E-01	0.58243E+00
37	0.17920E+00	0.45514E+00	0.21394E+00	-0.49465E+00	0.43795E-01	0.59523E+00
38	0.16736E+00	0.33708E+00	0.16264E+00	-0.85132E+00	-0.61945E-02	0.66938E+00
39	0.10669E+00	0.35906E+00	0.85593E-01	-0.76119E+00	-0.27165E-01	0.63126E+00
40	-0.95328E-01	0.33165E+00	-0.10333E+00	-0.65513E+00	-0.11252E+00	0.58362E+00
41	-0.49866E-01	0.42309E+00	-0.11583E+00	-0.68385E+00	-0.83639E-01	0.58257E+00
42	0.48206E-01	0.29075E+00	-0.15913E+00	-0.55244E+00	-0.12976E+00	0.51041E+00
43	0.11636E+00	0.46547E+00	0.13006E+00	-0.55710E+00	-0.69057E-01	0.57605E+00
44	0.10999E+00	0.35767E+00	0.62965E-01	-0.56412E+00	-0.13093E+00	0.49896E+00
45	0.22172E+00	0.41627E+00	0.97726E-01	-0.59411E+00	-0.12190E+00	0.50781E+00
46	0.97549E-01	0.25703E+00	-0.27027E-01	-0.57289E+00	-0.75645E-01	0.45995E+00
47	0.93080E-01	0.38849E+00	0.14298E+00	-0.48458E+00	-0.25354E-01	0.60394E+00
48	0.39367E+00	0.58415E+00	0.34979E+00	-0.49996E+00	-0.34403E-01	0.60793E+00
49	0.26206E+00	0.50004E+00	0.23533E+00	-0.51666E+00	-0.10975E+00	0.65089E+00
50	0.45444E+00	0.44655E+00	0.26730E+00	-0.43012E+00	-0.32515E+00	0.44610E+00
51	0.14483E+00	0.19556E+00	0.11622E+00	-0.22314E-01	-0.42048E-01	0.10489E+00
52	-0.45328E+00	-0.72515E+00	-0.51615E+00	-0.33673E-01	-0.18215E+00	-0.56464E+00
53	0.14011E+00	0.32709E+00	-0.91434E-02	-0.44523E+00	-0.14860E+00	0.40169E+00
54	0.15684E+00	0.26582E+00	0.12051E+00	-0.87570E+00	-0.10781E-01	0.58973E+00

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55	0.15843E+00	0.28510E+00	0.49309E-01	-0.77020E+00	-0.36866E-01	0.55592E+00
56	0.89374E-01	0.24113E+00	-0.20359E+00	-0.66613E+00	-0.12374E+00	0.47685E+00
57	0.14858E+00	0.23461E+00	-0.50621E-01	-0.56196E+00	-0.10366E+00	0.41886E+00
58	0.15221E+00	0.21764E+00	-0.61285E-01	-0.44351E+00	-0.13509E+00	0.35752E+00
59	0.12169E+00	0.20547E+00	0.98760E-01	-0.86627E+00	0.11466E-01	0.54485E+00
60	0.14851E+00	0.13850E+00	0.50144E-01	-0.83511E+00	-0.29594E-01	0.45634E+00
61	0.12279E+00	0.12032E+00	0.31965E-01	-0.83091E+00	-0.23314E-01	0.45761E+00
62	-0.13099E-01	-0.37011E-02	-0.41546E-01	-0.78589E+00	0.11724E-01	0.38043E+00
63	0.17229E+00	0.19660E+00	0.12029E-01	-0.73929E+00	-0.31484E-01	0.47269E+00
64	0.12555E+00	0.91240E-01	-0.46486E-01	-0.70126E+00	-0.28331E-01	0.38213E+00
65	0.20455E+00	0.22996E+00	-0.19386E+00	-0.63162E+00	-0.89382E-01	0.43834E+00
66	0.25385E+00	0.14530E+00	-0.21597E+00	-0.56770E+00	-0.11740E+00	0.36399E+00
67	0.22872E+00	0.53759E-01	-0.24232E+00	-0.56583E+00	-0.84419E-01	0.28079E+00
68	0.23423E+00	0.23739E+00	-0.45815E-01	-0.52405E+00	-0.95991E-01	0.37688E+00
69	0.16459E+00	0.98093E-01	-0.12419E+00	-0.52818E+00	-0.63789E-01	0.29349E+00
70	0.24152E+00	0.80920E-01	-0.11010E+00	-0.46605E+00	-0.84373E-01	0.24241E+00
71	0.17957E+00	0.14019E+00	-0.12234E+00	-0.43620E+00	-0.11304E+00	0.28713E+00
72	0.25468E+00	0.92802E-01	-0.12059E+00	-0.39885E+00	-0.84264E-01	0.22223E+00
73	0.47769E-01	0.28975E-01	-0.52901E-03	-0.69978E+00	0.73817E-02	0.35538E+00
74	0.96403E-01	0.34576E-01	-0.36936E-01	-0.60061E+00	0.19481E-01	0.30277E+00
75	0.20906E+00	0.45966E-01	-0.15224E+00	-0.46631E+00	0.47816E-01	0.22939E+00
76	0.19663E+00	0.64429E-01	-0.10643E+00	-0.42663E+00	0.30300E-01	0.24521E+00
77	0.15367E+00	0.55083E-01	-0.77338E-01	-0.33555E+00	0.30426E-01	0.15627E+00
78	0.20235E+00	0.70044E-01	-0.27242E-01	-0.29684E+00	0.11074E-01	0.10413E+00
79	0.22227E+00	0.45281E-01	-0.10911E+00	-0.28793E+00	0.18611E-01	0.14101E+00
80	0.31296E+00	0.87599E-01	-0.15267E-01	-0.22146E+00	0.16431E-01	0.74194E-01
81	0.17299E+00	0.38355E-01	-0.68987E-01	-0.14320E+00	0.17266E-01	0.54171E-01
82	0.23281E+00	0.87384E-01	-0.14352E-01	-0.12532E+00	0.28582E-02	0.26780E-01
83	0.29625E+00	0.69388E-01	-0.38835E-01	-0.17227E+00	0.19859E-01	0.41194E-01
84	0.27170E+00	0.43035E-01	-0.94149E-01	-0.19593E+00	0.52585E-02	0.45801E-01
85	0.32259E+00	0.11753E+00	-0.83599E-01	-0.23551E+00	-0.10243E-01	0.15194E+00
86	0.28526E+00	0.69341E-01	-0.12864E+00	-0.13169E+00	-0.63799E-02	0.79375E-01
87	0.15325E+00	-0.98524E-01	-0.26436E+00	-0.27583E+00	-0.84813E-01	0.86826E-01
88	0.23052E+00	0.14344E+00	-0.11259E+00	-0.29910E+00	-0.15403E+00	0.22469E+00
89	0.27547E+00	0.16176E+00	-0.78512E-01	-0.26921E+00	-0.17466E+00	0.20773E+00
90	0.21811E+00	0.20898E-01	-0.18258E+00	-0.19942E+00	-0.19399E+00	0.70252E-01
91	0.29476E+00	0.14520E+00	-0.74628E-01	-0.17324E+00	-0.22185E+00	0.15431E+00
92	0.25454E+00	0.75027E-01	-0.10552E+00	-0.12421E+00	-0.22662E+00	0.11623E+00
93	0.18034E+00	0.20016E+00	0.10917E-01	-0.34129E+00	-0.18443E+00	0.32161E+00
94	0.17142E+00	0.22653E+00	-0.92575E-02	-0.33474E+00	-0.16786E+00	0.30907E+00
95	0.95000E-01	0.24942E+00	0.13870E-02	-0.26634E+00	-0.17687E+00	0.22801E+00
96	0.14265E+00	0.18213E+00	-0.67964E-01	-0.34212E+00	-0.16220E+00	0.26254E+00
97	0.60964E-01	0.19330E+00	-0.28090E-01	-0.29379E+00	-0.17915E+00	0.19452E+00
98	0.11440E+00	0.14823E+00	-0.68535E-01	-0.23654E+00	-0.17427E+00	0.18448E+00
99	0.81548E-01	0.51706E-01	-0.15972E+00	-0.26234E+00	-0.15846E+00	0.19277E+00
100	0.10538E+00	0.86318E-01	-0.85919E-01	-0.20294E+00	-0.18161E+00	0.14143E+00
101	0.15884E+00	0.10114E+00	-0.26340E-01	-0.18300E+00	-0.19670E+00	0.11316E+00
102	0.17754E+00	0.59497E-01	-0.63131E-01	-0.13194E+00	-0.20295E+00	0.11978E+00
103	0.18268E+00	0.61727E-01	0.25682E-02	-0.11907E+00	-0.20219E+00	0.65160E-01
104	0.17447E+00	0.38193E-01	0.55786E-02	-0.85351E-01	-0.20780E+00	0.58603E-01
105	0.13134E+00	0.19834E+00	0.15661E-01	-0.29986E+00	-0.22808E+00	0.29095E+00
106	0.16432E+00	0.18646E+00	0.91901E-01	-0.74589E-01	-0.25104E+00	0.12643E+00
107	0.14662E+00	0.22169E+00	0.85393E-01	-0.19065E+00	-0.24019E+00	0.19618E+00
108	0.93569E-01	0.20626E+00	0.55040E-01	-0.19628E+00	-0.23055E+00	0.19779E+00
109	-0.32479E-02	0.78018E-01	-0.17433E-01	-0.10585E+00	-0.23220E+00	0.12732E+00
110	-0.68624E-01	0.10080E+00	-0.50887E-01	-0.23283E+00	-0.21368E+00	0.20402E+00
111	-0.24705E+00	-0.87192E-01	-0.17230E+00	-0.18047E+00	-0.20324E+00	0.10839E+00
112	-0.25125E+00	-0.93760E-01	-0.17624E+00	-0.25335E+00	-0.20337E+00	0.10643E+00
113	-0.10495E+00	0.14527E+00	-0.59019E-01	-0.23724E+00	-0.17297E+00	0.21541E+00
114	-0.25463E+00	-0.98955E-01	-0.17565E+00	-0.21717E+00	-0.16990E+00	0.10129E+00

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115	-0.26484E+00	-0.10950E+00	-0.19014E+00	-0.34533E+00	-0.16766E+00	0.97163E-01
116	-0.24175E-01	0.16375E+00	-0.18075E-01	-0.24633E+00	-0.13588E+00	0.13093E+00
117	-0.93607E-01	-0.11241E-01	-0.90151E-01	-0.27765E+00	-0.12350E+00	0.87436E-01
118	-0.10583E+00	-0.24607E-01	-0.10716E+00	-0.22964E+00	-0.12107E+00	0.79618E-01
119	0.11513E-01	0.90965E-01	-0.33120E-01	-0.16686E+00	-0.10303E+00	0.12884E+00
120	-0.27617E-02	0.31435E-01	-0.43199E-01	-0.18180E+00	-0.96336E-01	0.63239E-01
121	-0.11742E-01	0.13875E-01	-0.53090E-01	-0.14692E+00	-0.95881E-01	0.53708E-01
122	0.41854E-01	0.53845E-01	-0.27604E-01	-0.10461E+00	-0.85192E-01	0.91356E-01
123	0.55485E-01	0.53417E-01	-0.55143E-02	-0.11039E+00	-0.81233E-01	0.46532E-01
124	0.49265E-01	-0.42175E-01	-0.98232E-02	-0.92726E-01	-0.82189E-01	0.36133E-01
125	0.53293E-01	-0.32422E-02	-0.30468E-01	-0.42684E-01	-0.79385E-01	0.46676E-01
126	0.11765E+00	0.77294E-01	0.43888E-01	-0.48390E-01	-0.80614E-01	0.22939E-01
127	0.11493E+00	0.69652E-01	0.44651E-01	-0.13274E-01	-0.82372E-01	0.14736E-01
128	0.91770E-01	0.26780E-01	0.25153E-01	-0.15759E-01	-0.79177E-01	0.27811E-01
129	0.14364E+00	0.86540E-01	0.37479E-01	-0.20572E-01	-0.76672E-01	0.86813E-02
183	0.22221E+00	0.27625E+00	0.73754E-01	-0.44756E+00	-0.23685E+00	0.45222E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.52537E-01	-0.35025E+00	0.29771E+00	-0.77165E+01	-0.33982E+01	0.29031E+01
131	-0.61080E-01	-0.40720E+00	0.34612E+00	-0.20560E+02	-0.75686E+01	0.67213E+01
132	-0.62015E-01	-0.41343E+00	0.35142E+00	-0.33164E+02	-0.11568E+02	0.11721E+02
133	-0.54984E-01	-0.36656E+00	0.31157E+00	-0.46481E+02	-0.15045E+02	0.17313E+02
134	-0.98665E-01	-0.65777E+00	0.55911E+00	-0.60707E+02	-0.17951E+02	0.24454E+02
135	-0.10993E+00	-0.73236E+00	0.62293E+00	-0.68375E+02	-0.19094E+02	0.30959E+02
136	-0.10256E+00	-0.68370E+00	0.58115E+00	-0.77777E+02	-0.20024E+02	0.35569E+02
137	-0.13660E+00	-0.91067E+00	0.77407E+00	-0.84240E+02	-0.20708E+02	0.37632E+02
138	0.82180E-01	0.54787E+00	-0.42193E+00	-0.84936E+02	-0.24713E+02	0.40606E+02
139	0.52330E+00	0.34886E+01	-0.28587E+01	-0.86434E+02	-0.33218E+02	0.42192E+02
140	0.86950E+00	0.57967E+01	-0.49272E+01	-0.10181E+03	-0.39663E+02	0.47549E+02
141	0.81480E+00	0.54320E+01	-0.46172E+01	-0.10273E+03	-0.39433E+02	0.49874E+02
142	0.93160E+00	0.62110E+01	-0.52794E+01	-0.10421E+03	-0.39366E+02	0.52739E+02
143	0.95501E+00	0.63667E+01	-0.54117E+01	0.18842E+02	-0.21204E+02	-0.55074E+02
144	0.11490E+01	0.76599E+01	-0.65110E+01	0.21187E+02	-0.22434E+02	-0.53239E+02
145	-0.33786E-01	-0.25857E+00	-0.20030E+01	0.78320E+02	-0.45013E+01	-0.11040E+03
146	-0.11805E-01	-0.78701E-01	-0.10609E+01	0.53463E+02	-0.10897E+01	-0.92815E+02
147	-0.91213E-02	-0.60609E-01	-0.10536E+01	0.51961E+02	0.75595E+00	-0.90947E+02
148	-0.56475E-02	-0.37650E-01	-0.32311E+00	0.52749E+02	0.35546E+01	-0.90844E+02
149	-0.13397E-02	-0.89316E-02	-0.33594E+00	0.56220E+02	0.73992E+01	-0.92281E+02
150	0.33291E-02	0.22154E-01	-0.48589E+00	0.55450E+02	0.10712E+02	-0.88874E+02
151	0.37600E-02	0.55400E-01	0.16973E+01	0.61806E+02	0.15159E+02	-0.90378E+02
152	0.94073E-02	0.62712E-01	0.38172E+01	0.59369E+02	0.15229E+02	-0.88337E+02
153	0.77690E-02	0.51793E-01	0.33194E+01	0.56174E+02	0.13648E+02	-0.84817E+02
154	-0.32520E-02	-0.21580E-01	0.67031E+01	0.54476E+02	0.59855E+01	-0.80758E+02
155	-0.21429E-01	-0.14256E+00	0.55222E+01	0.44890E+02	-0.76708E+01	-0.73388E+02
156	-0.33392E-01	-0.22261E+00	0.43280E+01	0.42370E+02	-0.16090E+02	-0.65986E+02
157	-0.39920E-01	-0.26513E+00	0.33679E+01	0.33551E+02	-0.21800E+02	-0.56411E+02
158	-0.42160E-01	-0.28107E+00	0.25338E+01	0.29530E+02	-0.23909E+02	-0.47553E+02
159	-0.40611E-01	-0.27074E+00	0.17177E+01	0.21086E+02	-0.24135E+02	-0.36844E+02
160	-0.35906E-01	-0.23933E+00	0.10316E+01	0.16256E+02	-0.21697E+02	-0.27309E+02
161	-0.30674E-01	-0.20449E+00	0.16372E+00	0.69340E+01	-0.18269E+02	-0.15703E+02
162	-0.21513E-01	-0.14342E+00	-0.78629E+00	0.23955E+01	-0.12350E+02	-0.76734E+01
163	-0.13010E-01	-0.86731E-01	-0.81485E+00	0.92271E+00	-0.75474E+01	-0.31402E+01
164	0.27937E-02	0.18625E-01	-0.82913E+00	-0.31137E+01	0.11834E+01	-0.21885E+01

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165	0.24423E+02	0.58388E+01	-0.18350E+01	0.36079E+01	0.77416E+01	-0.26897E+01
166	0.23670E+02	0.50247E+01	-0.12519E+01	0.33541E+01	0.81263E+01	-0.27414E+01
167	0.21402E+02	0.39648E+01	-0.61989E+00	0.31481E+01	0.77893E+01	-0.23049E+01
168	0.18687E+02	0.30607E+01	-0.17748E+00	0.29331E+01	0.71051E+01	-0.28819E+01
169	0.14463E+02	0.21112E+01	0.11186E+00	0.26960E+01	0.66846E+01	-0.29984E+01
170	0.95980E+01	0.11100E+01	0.37474E+00	0.23972E+01	0.62206E+01	-0.31519E+01
171	0.38490E+01	-0.31227E-01	0.62990E+00	0.19537E+01	0.44549E+01	-0.33772E+01
172	-0.10173E+01	-0.90526E+00	0.75109E+00	0.14006E+01	0.11465E+01	-0.35944E+01
173	-0.30183E+01	-0.10615E+01	0.59410E+00	0.96282E+00	-0.21595E+01	-0.36678E+01
174	-0.22133E+01	-0.70142E+00	0.35278E+00	0.61302E+00	-0.50407E+01	-0.35141E+01
175	-0.86971E+00	-0.26239E+00	0.12416E+00	0.45944E+00	-0.54925E+01	-0.31181E+01
176	-0.18842E+00	-0.97519E-01	0.63845E-01	0.41602E+00	-0.48604E+01	-0.26932E+01
177	-0.20906E+00	-0.70278E-01	0.35096E-01	0.31678E+00	-0.42480E+01	-0.21349E+01
178	-0.11557E+00	-0.69334E-02	-0.89797E-02	0.21900E+00	-0.30230E+01	-0.15332E+01
179	0.67447E-01	0.24870E-01	-0.12642E-01	0.20265E+00	-0.21228E+01	-0.10762E+01
180	0.20353E-02	0.54397E-02	-0.44149E-02	0.16741E+00	-0.12444E+01	-0.64837E+00
181	0.17136E-01	0.21101E-01	-0.15898E-01	0.15953E+00	-0.57012E+00	-0.22262E+00
182	-0.65997E-01	-0.30653E-01	0.18046E-01	0.65567E-01	0.14078E+00	0.11542E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6000E+00 (FOR FOURIER TERMS NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.43557E-02	0.59965E-05	0.45091E-02	0.00000E+00
3	-0.85268E-02	0.29286E-04	0.85270E-02	0.00000E+00
4	-0.97746E-02	0.40261E-04	0.95292E-02	0.00000E+00
5	-0.11534E-01	0.34069E-04	0.11519E-01	0.00000E+00
6	-0.12899E-01	-0.44940E-05	0.12899E-01	0.00000E+00
7	-0.11559E-01	-0.24492E-03	0.11662E-01	0.00000E+00
8	-0.12958E-01	-0.25298E-03	0.13017E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.45844E-02	-0.16516E-03	0.47050E-02	0.00000E+00
11	-0.87201E-02	-0.34347E-03	0.89342E-02	0.00000E+00
12	-0.96050E-02	-0.42887E-03	0.10077E-01	0.00000E+00
13	-0.11642E-01	-0.49534E-03	0.11912E-01	0.00000E+00
14	-0.13068E-01	-0.52903E-03	0.13329E-01	0.00000E+00
15	-0.11796E-01	-0.96782E-03	0.12395E-01	0.00000E+00
16	-0.13255E-01	-0.96996E-03	0.13843E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.44841E-02	-0.42175E-03	0.50508E-02	0.00000E+00
19	-0.87260E-02	-0.99675E-03	0.96358E-02	0.00000E+00
20	-0.99171E-02	-0.12546E-02	0.10897E-01	0.00000E+00
21	-0.11968E-01	-0.13870E-02	0.12972E-01	0.00000E+00
22	-0.13526E-01	-0.14251E-02	0.14568E-01	0.00000E+00
23	-0.12196E-01	-0.21412E-02	0.13730E-01	0.00000E+00
24	-0.13893E-01	-0.22131E-02	0.15519E-01	0.00000E+00
25	-0.14116E-01	-0.27987E-02	0.16087E-01	0.00000E+00
26	-0.14248E-01	-0.30512E-02	0.16417E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.40618E-02	-0.63506E-03	0.53666E-02	0.00000E+00
29	-0.82687E-02	-0.16405E-02	0.10362E-01	0.00000E+00
30	-0.96968E-02	-0.21836E-02	0.11845E-01	0.00000E+00
31	-0.12116E-01	-0.28071E-02	0.14463E-01	0.00000E+00
32	-0.14373E-01	-0.33398E-02	0.16763E-01	0.00000E+00
33	-0.12042E-01	-0.29389E-02	0.14663E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.38809E-02	-0.41228E-03	0.54033E-02	0.00000E+00
36	-0.80176E-02	-0.16106E-02	0.10473E-01	0.00000E+00
37	-0.95013E-02	-0.21643E-02	0.11992E-01	0.00000E+00
38	-0.11978E-01	-0.23826E-02	0.14785E-01	0.00000E+00
39	-0.14558E-01	-0.34473E-02	0.17364E-01	0.00000E+00
40	-0.14522E-01	-0.34386E-02	0.17235E-01	0.00000E+00
41	-0.14486E-01	-0.34301E-02	0.17111E-01	0.00000E+00
42	-0.14445E-01	-0.34147E-02	0.16956E-01	0.00000E+00
43	-0.91297E-02	-0.17763E-02	0.11999E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.33807E-02	-0.38881E-03	0.53659E-02	0.00000E+00
46	-0.73182E-02	-0.10612E-02	0.10410E-01	0.00000E+00
47	-0.14569E-01	-0.34472E-02	0.17416E-01	0.00000E+00
48	-0.14571E-01	-0.34476E-02	0.17406E-01	0.00000E+00
49	-0.11947E-01	-0.28430E-02	0.14800E-01	0.00000E+00
50	-0.14582E-01	-0.34714E-02	0.17436E-01	0.00000E+00
51	-0.11582E-01	-0.23833E-02	0.14580E-01	0.00000E+00
52	-0.14065E-01	-0.32047E-02	0.16850E-01	0.00000E+00
53	-0.14566E-01	-0.34321E-02	0.17454E-01	0.00000E+00
54	-0.88007E-02	-0.14564E-02	0.11893E-01	0.00000E+00
55	-0.11132E-01	-0.20150E-02	0.14369E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.30974E-02	-0.36399E-04	0.50451E-02	0.00000E+00
58	-0.68450E-02	-0.41132E-03	0.99682E-02	0.00000E+00
59	-0.13332E-01	-0.26164E-02	0.16417E-01	0.00000E+00
60	-0.13845E-01	-0.30545E-02	0.16693E-01	0.00000E+00
61	-0.14585E-01	-0.34849E-02	0.17461E-01	0.00000E+00
62	-0.82164E-02	-0.61035E-03	0.11491E-01	0.00000E+00
63	-0.10342E-01	-0.99274E-03	0.13805E-01	0.00000E+00
64	-0.14181E-01	-0.32463E-02	0.16998E-01	0.00000E+00
65	-0.14589E-01	-0.34980E-02	0.17485E-01	0.00000E+00
66	-0.14616E-01	-0.35238E-02	0.17533E-01	0.00000E+00
67	-0.14643E-01	-0.35501E-02	0.17582E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.31026E-02	0.14290E-03	0.44658E-02	0.00000E+00
70	-0.64248E-02	0.13512E-03	0.88187E-02	0.00000E+00
71	-0.12455E-01	-0.14435E-02	0.15969E-01	0.00000E+00
72	-0.14197E-01	-0.32161E-02	0.17040E-01	0.00000E+00
73	-0.96353E-02	-0.16515E-03	0.12386E-01	0.00000E+00
74	-0.14809E-01	-0.34108E-02	0.17623E-01	0.00000E+00
75	-0.14666E-01	-0.35726E-02	0.17626E-01	0.00000E+00
76	-0.14813E-01	-0.36148E-02	0.17699E-01	0.00000E+00
77	-0.11526E-01	-0.46859E-03	0.14308E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.30775E-02	0.35766E-03	0.38836E-02	0.00000E+00
80	-0.61951E-02	0.59894E-03	0.76046E-02	0.00000E+00
81	-0.71896E-02	0.67365E-03	0.87267E-02	0.00000E+00
82	-0.88986E-02	0.51377E-03	0.10503E-01	0.00000E+00
83	-0.14619E-01	-0.19994E-02	0.17919E-01	0.00000E+00
84	-0.12773E-01	-0.21510E-03	0.14650E-01	0.00000E+00
85	-0.15130E-01	-0.36696E-02	0.17794E-01	0.00000E+00
86	-0.15545E-01	-0.35925E-02	0.18222E-01	0.00000E+00
87	-0.10627E-01	0.29681E-03	0.12267E-01	0.00000E+00
88	-0.15205E-01	-0.28518E-02	0.18133E-01	0.00000E+00
89	-0.15416E-01	-0.37193E-02	0.17884E-01	0.00000E+00
90	-0.73345E-02	0.34599E-03	0.66562E-02	0.00000E+00
91	-0.81736E-02	0.17383E-03	0.71058E-02	0.00000E+00
92	-0.87864E-02	0.15376E-05	0.74681E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.27894E-02	0.00000E+00	0.15253E-02	0.00000E+00
95	-0.50080E-02	0.00000E+00	0.27917E-02	0.00000E+00
96	-0.55186E-02	0.00000E+00	0.30828E-02	0.00000E+00
97	-0.62548E-02	0.00000E+00	0.36075E-02	0.00000E+00
98	-0.65922E-02	0.00000E+00	0.38381E-02	0.00000E+00
99	-0.71674E-02	0.12049E-03	0.54533E-02	0.00000E+00
100	-0.97078E-02	-0.72840E-04	0.87801E-02	0.00000E+00
101	-0.14852E-01	-0.85316E-03	0.15932E-01	0.00000E+00
102	-0.16189E-01	-0.37861E-02	0.18008E-01	0.00000E+00
103	-0.15932E-01	-0.23602E-02	0.18979E-01	0.00000E+00
104	-0.16764E-01	-0.38633E-02	0.18961E-01	0.00000E+00
105	-0.16635E-01	-0.38456E-02	0.18112E-01	0.00000E+00
106	-0.16960E-01	-0.26965E-02	0.19609E-01	0.00000E+00
107	-0.17744E-01	-0.40965E-02	0.19425E-01	0.00000E+00
108	-0.17404E-01	-0.38951E-02	0.18194E-01	0.00000E+00
109	-0.17867E-01	-0.39353E-02	0.18245E-01	0.00000E+00
110	-0.18479E-01	-0.32062E-02	0.20139E-01	0.00000E+00
111	-0.18528E-01	-0.43155E-02	0.19699E-01	0.00000E+00
112	-0.18262E-01	-0.39670E-02	0.18267E-01	0.00000E+00
113	-0.18798E-01	-0.34199E-02	0.20156E-01	0.00000E+00
114	-0.18545E-01	-0.39866E-02	0.18252E-01	0.00000E+00
115	-0.18747E-01	-0.39989E-02	0.18202E-01	0.00000E+00
116	-0.18846E-01	-0.40018E-02	0.18107E-01	0.00000E+00

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117	-0.18871E-01	-0.43798E-02	0.19600E-01	0.00000E+00
118	-0.18850E-01	-0.40010E-02	0.18047E-01	0.00000E+00
119	-0.18842E-01	-0.39945E-02	0.17922E-01	0.00000E+00
120	-0.19035E-01	-0.44140E-02	0.19295E-01	0.00000E+00
121	-0.18813E-01	-0.39810E-02	0.17752E-01	0.00000E+00
122	-0.18811E-01	-0.39681E-02	0.17758E-01	-0.32397E-05
123	-0.18800E-01	-0.39395E-02	0.17755E-01	-0.60332E-05
124	-0.18782E-01	-0.38917E-02	0.17753E-01	-0.95883E-05
125	-0.18748E-01	-0.38184E-02	0.17747E-01	-0.14424E-04
126	-0.18660E-01	-0.36324E-02	0.17738E-01	-0.21936E-04
127	-0.18544E-01	-0.33885E-02	0.17727E-01	-0.26122E-04
128	-0.18272E-01	-0.27833E-02	0.17705E-01	-0.27308E-04
129	-0.18034E-01	-0.22202E-02	0.17682E-01	-0.23260E-04
130	-0.17833E-01	-0.17057E-02	0.17657E-01	-0.16288E-04
131	-0.17670E-01	-0.12229E-02	0.17619E-01	-0.63531E-05
132	-0.17626E-01	-0.10623E-02	0.17586E-01	-0.18732E-05
133	-0.17610E-01	-0.98360E-03	0.17564E-01	-0.20366E-05
134	-0.17585E-01	-0.84522E-03	0.17547E-01	-0.37526E-05
135	-0.17556E-01	-0.64730E-03	0.17534E-01	-0.45650E-05
136	-0.17534E-01	-0.44217E-03	0.17523E-01	-0.44048E-05
137	-0.17522E-01	-0.24303E-03	0.17519E-01	-0.44687E-05
138	-0.17514E-01	-0.35721E-04	0.17514E-01	-0.43827E-05
139	-0.17514E-01	-0.45080E-05	0.17514E-01	-0.45029E-05

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ARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC 3 .01 FOR DT)

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6000E+00

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.49450E-01	-0.51431E-01	-0.11043E-01	-0.55287E+00	-0.29825E-02	0.56916E+00
2	-0.55435E-01	-0.46723E-01	0.49450E-02	-0.53208E+00	0.66774E-02	0.52207E+00
3	-0.32062E-01	-0.34340E-01	0.35849E-01	-0.48097E+00	0.43853E-01	0.46526E+00
4	-0.73135E-01	-0.66980E-01	-0.84924E-01	-0.43162E+00	0.35994E-01	0.44036E+00
5	-0.50350E-02	-0.21437E-01	0.28075E-01	-0.42562E+00	0.26601E-01	0.43001E+00
6	-0.54826E-01	-0.53507E-01	0.21872E-01	-0.44327E+00	0.21909E-01	0.43983E+00
7	-0.11673E-01	-0.62310E-02	0.29781E-01	-0.35767E+00	0.10414E-01	0.34828E+00
8	-0.40399E-01	-0.14743E-01	0.36335E-01	-0.36415E+00	0.29955E-01	0.35650E+00
9	-0.05465E-01	-0.16437E+00	-0.75630E-01	-0.56398E+00	0.44533E-02	0.60366E+00
10	-0.70242E-01	-0.16954E+00	-0.31347E-01	-0.54572E+00	0.16943E-01	0.56318E+00
11	-0.35216E-01	-0.14303E+00	0.10377E+00	-0.53024E+00	0.55726E-01	0.51762E+00
12	-0.10698E+00	-0.80091E-01	0.75686E-02	-0.48336E+00	0.57842E-01	0.44642E+00
13	-0.21549E-01	-0.55939E-01	0.72944E-01	-0.49386E+00	0.36871E-01	0.46674E+00
14	-0.13078E+00	-0.12631E+00	0.15881E-01	-0.51997E+00	0.61777E-01	0.50901E+00
15	-0.76531E-01	-0.23091E-01	0.47001E-01	-0.40574E+00	0.59007E-01	0.37457E+00
16	-0.91007E-01	-0.20100E-01	0.72335E-01	-0.41706E+00	0.75813E-01	0.40234E+00
17	-0.10587E+00	-0.26635E+00	-0.10917E+00	-0.53023E+00	-0.23603E-02	0.64467E+00
18	-0.39006E-01	-0.29844E+00	-0.31007E-01	-0.54861E+00	0.21179E-02	0.61361E+00
19	0.98518E-01	-0.29724E+00	0.18323E+00	-0.59870E+00	0.32768E-01	0.59558E+00
20	-0.16687E+00	-0.14176E+00	0.13356E-01	-0.58046E+00	0.87922E-01	0.51620E+00
21	-0.29646E-01	-0.25455E+00	0.43135E-01	-0.60005E+00	0.28449E-01	0.57960E+00
22	-0.20020E+00	-0.49857E+00	-0.10084E+00	-0.64105E+00	0.64886E-01	0.64264E+00
23	-0.16295E+00	-0.80077E-01	0.49012E-01	-0.50408E+00	0.10204E+00	0.45123E+00
24	-0.30798E+00	-0.17932E+00	-0.27583E-01	-0.59186E+00	0.14520E+00	0.48436E+00
25	-0.20007E+00	-0.31633E+00	-0.24871E-01	-0.53745E+00	0.97887E-01	0.54670E+00
26	-0.71200E+00	-0.77940E+00	-0.40066E+00	-0.70348E+00	0.16677E+00	0.60871E+00
27	-0.10707E+00	-0.30278E+00	-0.11630E+00	-0.48266E+00	-0.12617E-01	0.66567E+00
28	-0.23261E-02	-0.35056E+00	-0.16884E-01	-0.50359E+00	-0.26749E-01	0.64214E+00
29	0.23813E+00	-0.37767E+00	0.24563E+00	-0.52208E+00	-0.48839E-01	0.64197E+00
30	-0.23377E-01	-0.37287E+00	0.36832E-01	-0.59549E+00	0.38755E-01	0.64488E+00
31	-0.36595E-01	-0.49830E+00	-0.29551E-01	-0.52486E+00	-0.27119E-01	0.66293E+00
32	-0.10204E+00	-0.48995E+00	-0.33518E-01	-0.50320E+00	-0.52912E-03	0.67824E+00
33	-0.48843E+00	-0.64212E+00	-0.24952E+00	-0.62086E+00	0.11660E+00	0.63572E+00
34	-0.10289E+01	-0.93135E+00	-0.59678E+00	-0.62461E+00	0.19185E+00	0.68276E+00
35	-0.43326E+00	-0.58338E+00	-0.19749E+00	-0.59822E+00	0.71817E-01	0.68143E+00
36	0.22603E-01	-0.30822E+00	0.96358E-01	-0.57149E+00	-0.31446E-02	0.69010E+00
37	-0.49777E+00	-0.68408E+00	-0.26067E+00	-0.63167E+00	0.76535E-01	0.70974E+00
38	-0.70498E-01	-0.22790E+00	-0.70998E-01	-0.43594E+00	-0.18582E-01	0.66305E+00
39	0.22069E-01	-0.26617E+00	0.27191E-01	-0.46634E+00	-0.48094E-01	0.63612E+00
40	0.32979E+00	-0.38452E+00	0.24797E+00	-0.43529E+00	-0.11146E+00	0.63768E+00
41	0.26653E+00	-0.25246E+00	0.29153E+00	-0.45901E+00	-0.11930E+00	0.62949E+00
42	0.26836E+00	-0.20590E+00	0.30131E+00	-0.45393E+00	-0.13837E+00	0.59530E+00
43	0.22913E-01	-0.40832E+00	0.45855E-01	-0.47356E+00	-0.62528E-01	0.67398E+00
44	0.15540E+00	-0.24051E+00	0.16383E+00	-0.44678E+00	-0.11075E+00	0.61596E+00
45	0.19071E+00	-0.22123E+00	0.17672E+00	-0.47030E+00	-0.10229E+00	0.60493E+00
46	0.10385E+00	-0.24716E+00	0.12539E+00	-0.45216E+00	-0.82799E-01	0.57380E+00
47	-0.16681E+00	-0.47294E+00	-0.42814E-01	-0.58906E+00	-0.57114E-02	0.71182E+00
48	-0.24843E+00	-0.54499E+00	-0.10424E+00	-0.62977E+00	-0.39544E-01	0.71669E+00
49	-0.31691E-01	-0.50191E+00	-0.25867E-01	-0.58679E+00	-0.88129E-01	0.73066E+00
50	0.54923E+00	-0.13408E+00	0.36138E+00	-0.47045E+00	-0.25120E+00	0.56460E+00
51	0.12305E+00	0.11903E-01	0.26769E+00	-0.23259E-01	-0.39742E-01	0.15790E+00
52	0.85931E+00	0.33246E+00	0.88086E+00	0.27582E+00	-0.12899E+00	-0.28309E+00
53	0.21746E+00	-0.27297E+00	0.16143E+00	-0.42125E+00	-0.11307E+00	0.51337E+00
54	0.19151E-01	-0.53595E-01	0.28755E-01	-0.38296E+00	-0.26951E-01	0.63787E+00

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55	0.67225E-01	-0.11526E+00	0.90131E-01	-0.43289E+00	-0.67143E-01	0.61643E+00
56	0.25390E+00	-0.11921E+00	0.29308E+00	-0.41352E+00	-0.15902E+00	0.57845E+00
57	0.18816E+00	-0.13490E+00	0.18836E+00	-0.40190E+00	-0.10150E+00	0.54208E+00
58	0.22005E+00	-0.15238E+00	0.19692E+00	-0.37208E+00	-0.10497E+00	0.48751E+00
59	0.16335E-01	0.74377E-02	0.33400E-01	-0.37857E+00	-0.85325E-02	0.61679E+00
60	0.12264E+00	0.15332E+00	0.15092E+00	-0.36605E+00	-0.54927E-01	0.54758E+00
61	0.11339E+00	0.14465E+00	0.12597E+00	-0.36345E+00	-0.52139E-01	0.54616E+00
62	0.18626E+00	0.27369E+00	0.19196E+00	-0.37614E+00	-0.28503E-02	0.47340E+00
63	0.11053E+00	0.33423E-01	0.13664E+00	-0.40543E+00	-0.90955E-01	0.56631E+00
64	0.17824E+00	0.18310E+00	0.19212E+00	-0.36867E+00	-0.82803E-01	0.43894E+00
65	0.22173E+00	-0.47459E-01	0.25256E+00	-0.42271E+00	-0.24564E+00	0.56623E+00
66	0.29121E+00	0.64740E-01	0.25341E+00	-0.37450E+00	-0.25913E+00	0.47157E+00
67	0.21565E+00	0.20306E+00	0.22380E+00	-0.29663E+00	-0.21583E+00	0.40150E+00
68	0.23262E+00	-0.55592E-01	0.20835E+00	-0.38885E+00	-0.17210E+00	0.51042E+00
69	0.23628E+00	0.62021E-01	0.21725E+00	-0.36302E+00	-0.15477E+00	0.49379E+00
70	0.34300E+00	0.14603E+00	0.26455E+00	-0.31144E+00	-0.18777E+00	0.33068E+00
71	0.28709E+00	-0.18134E-01	0.23954E+00	-0.35557E+00	-0.18018E+00	0.45317E+00
72	0.31250E+00	0.53002E-01	0.22714E+00	-0.32940E+00	-0.19818E+00	0.39875E+00
73	0.99642E-01	0.13807E+00	0.92544E-01	-0.36181E+00	-0.20710E-01	0.32984E+00
74	0.13009E+00	0.13253E+00	0.98026E-01	-0.33487E+00	-0.63228E-01	0.30288E+00
75	0.19384E+00	0.11543E+00	0.75559E-01	-0.29927E+00	-0.18486E+00	0.25515E+00
76	0.30409E+00	0.99252E-01	0.18652E+00	-0.37755E+00	-0.17570E+00	0.37935E+00
77	0.20556E+00	0.13712E+00	0.12333E+00	-0.22702E+00	-0.11725E+00	0.15899E+00
78	0.21786E+00	0.12428E+00	0.92354E-01	-0.17452E+00	-0.11640E+00	0.11144E+00
79	0.36938E+00	0.11099E+00	0.20318E+00	-0.28440E+00	-0.19913E+00	0.23631E+00
80	0.36794E+00	0.10701E+00	0.16070E+00	-0.18673E+00	-0.14255E+00	0.95460E-01
81	0.16867E+00	0.47542E-01	0.46615E-01	-0.88267E-01	-0.11788E+00	0.47190E-01
82	0.20562E+00	0.11191E+00	0.74169E-01	-0.82916E-01	-0.11269E+00	0.49663E-01
83	0.31798E+00	0.35930E-01	0.10687E+00	-0.17516E+00	-0.14061E+00	0.99764E-01
84	0.44208E+00	0.11720E+00	0.21229E+00	-0.19611E+00	-0.22155E+00	0.10892E+00
85	0.49730E+00	0.34591E-01	0.24011E+00	-0.29394E+00	-0.27471E+00	0.25434E+00
86	0.51565E+00	0.66110E-01	0.25446E+00	-0.27512E+00	-0.27271E+00	0.17801E+00
87	0.38439E+00	0.13352E+00	0.28211E+00	-0.28490E+00	-0.20360E+00	0.32288E+00
88	0.33097E+00	-0.35483E-01	0.23584E+00	-0.30147E+00	-0.20085E+00	0.35005E+00
89	0.35272E+00	-0.35976E-01	0.24140E+00	-0.26211E+00	-0.21206E+00	0.30978E+00
90	0.42909E+00	0.34454E-01	0.26187E+00	-0.18597E+00	-0.22030E+00	0.18923E+00
91	0.43246E+00	0.29669E-01	0.27936E+00	-0.18190E+00	-0.22618E+00	0.20011E+00
92	0.44915E+00	0.63514E-01	0.28224E+00	-0.14202E+00	-0.21927E+00	0.11699E+00
93	0.24931E+00	-0.33272E+00	0.14453E+00	-0.28245E+00	-0.12581E+00	0.44099E+00
94	0.28529E+00	-0.15528E+00	0.23140E+00	-0.30170E+00	-0.11018E+00	0.42182E+00
95	0.20595E+00	-0.29414E-01	0.23720E+00	-0.20374E+00	-0.70888E-01	0.31280E+00
96	0.25778E+00	-0.10064E+00	0.22400E+00	-0.30257E+00	-0.93021E-01	0.39876E+00
97	0.19043E+00	-0.43953E-01	0.21298E+00	-0.23437E+00	-0.66531E-01	0.27320E+00
98	0.21545E+00	-0.41104E-01	0.21507E+00	-0.21844E+00	-0.50823E-01	0.28417E+00
99	0.25135E+00	-0.86866E-01	0.21554E+00	-0.25163E+00	-0.79599E-01	0.32858E+00
100	0.17727E+00	-0.76208E-01	0.16714E+00	-0.13099E+00	-0.39244E-01	0.21004E+00
101	0.20450E+00	-0.12333E-01	0.17977E+00	-0.12464E+00	-0.25238E-01	0.14851E+00
102	0.12368E+00	-0.74934E-01	0.10537E+00	-0.15329E+00	-0.15491E-01	0.13990E+00
103	0.53273E-01	0.70307E-02	0.86331E-01	-0.18707E-01	0.20845E-01	0.55651E-01
104	0.65029E-01	0.37782E-01	0.84970E-01	0.24676E-01	0.27403E-01	0.12434E-01
105	0.36090E+00	-0.13897E+00	0.26939E+00	-0.25144E+00	-0.15041E+00	0.42511E+00
106	0.59373E+00	0.29767E+00	0.55974E+00	0.31241E-01	-0.17410E+00	0.19342E+00
107	0.44369E+00	0.13690E+00	0.43088E+00	-0.10807E+00	-0.16150E+00	0.31253E+00
108	0.33339E+00	0.11700E+00	0.39853E+00	-0.11398E+00	-0.14585E+00	0.31280E+00
109	0.40515E+00	0.17733E+00	0.43797E+00	-0.17266E-01	-0.13977E+00	0.19440E+00
110	0.10693E+00	-0.11993E+00	0.19268E+00	-0.19565E+00	-0.11501E+00	0.32230E+00
111	0.11160E+00	0.19205E-01	0.25624E+00	-0.13197E+00	-0.83081E-01	0.16816E+00
112	0.10677E+00	0.16647E-01	0.24623E+00	-0.22989E+00	-0.80591E-01	0.16708E+00
113	-0.75373E-01	-0.21023E+00	0.66469E-01	-0.27653E+00	-0.47160E-01	0.32762E+00
114	-0.37745E-02	-0.49595E-01	0.16241E+00	-0.21561E+00	-0.19866E-01	0.16516E+00

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115	-0.15531E-01	-0.53066E-01	0.13644E+00	-0.40147E+00	-0.12762E-01	0.16076E+00
116	-0.53117E-01	-0.20931E+00	0.43386E-01	-0.32202E+00	0.26008E-01	0.28932E+00
117	0.10707E+00	0.23230E-01	0.17671E+00	-0.35211E+00	0.70504E-01	0.15288E+00
118	0.94276E-01	0.21350E-01	0.14662E+00	-0.31068E+00	0.79156E-01	0.14180E+00
119	0.17357E-01	-0.14975E+00	0.50501E-01	-0.27696E+00	0.98332E-01	0.21940E+00
120	0.10903E+00	0.32017E-01	0.12347E+00	-0.27272E+00	0.13578E+00	0.12824E+00
121	0.10109E+00	0.33237E-01	0.10234E+00	-0.23572E+00	0.14238E+00	0.11275E+00
122	-0.44066E-01	-0.19659E+00	-0.33055E-01	-0.24472E+00	0.15271E+00	0.17227E+00
123	0.12723E-02	-0.24584E-01	0.11474E-01	-0.19775E+00	0.18852E+00	0.94976E-01
124	-0.15879E-02	-0.19630E-01	-0.63138E-03	-0.15384E+00	0.19314E+00	0.76226E-01
125	0.11599E-01	-0.36076E-01	0.20239E-01	-0.14021E+00	0.18528E+00	0.73513E-01
126	-0.45671E-01	-0.41856E-01	-0.43087E-01	-0.10473E+00	0.20680E+00	0.52561E-01
127	-0.44675E-01	-0.36041E-01	-0.51443E-01	-0.56257E-01	0.20898E+00	0.38825E-01
128	-0.12268E+00	-0.10313E+00	-0.10618E+00	-0.82501E-01	0.20758E+00	0.27850E-01
129	-0.25153E+00	-0.16316E+00	-0.20757E+00	-0.42633E-01	0.22376E+00	0.12252E-01
183	0.37242E+00	-0.25679E+00	0.23144E+00	-0.44510E+00	-0.16380E+00	0.55826E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.12823E+00	0.65519E+00	-0.72691E+00	-0.95095E+01	0.92866E+01	0.49036E+01
131	0.53641E-01	0.35760E+00	-0.30396E+00	-0.17849E+02	0.17006E+02	0.16509E+02
132	0.75814E-01	0.50543E+00	-0.42961E+00	-0.30403E+02	0.26781E+02	0.27600E+02
133	0.51021E-01	0.34014E+00	-0.28912E+00	-0.44628E+02	0.36271E+02	0.39439E+02
134	0.90604E-01	0.60403E+00	-0.51342E+00	-0.60873E+02	0.45556E+02	0.52522E+02
135	0.12779E+00	0.85192E+00	-0.72413E+00	-0.74389E+02	0.52041E+02	0.63582E+02
136	0.65295E-01	0.56863E+00	-0.48334E+00	-0.84000E+02	0.55201E+02	0.70772E+02
137	0.97682E-01	0.65122E+00	-0.55353E+00	-0.78648E+02	0.59518E+02	0.74170E+02
138	0.78416E-01	0.52277E+00	-0.31736E+00	-0.81145E+02	0.98791E+02	0.79469E+02
139	-0.36390E+00	-0.24260E+01	0.25519E+01	-0.75791E+02	0.17733E+03	0.84785E+02
140	-0.99008E+00	-0.66005E+01	0.56104E+01	-0.10021E+03	0.21446E+03	0.95509E+02
141	-0.93782E+00	-0.62521E+01	0.53143E+01	-0.98707E+02	0.21692E+03	0.10221E+03
142	-0.10697E+01	-0.71312E+01	0.60615E+01	-0.10450E+03	0.21765E+03	0.10789E+03
143	-0.11004E+01	-0.73358E+01	0.62354E+01	0.48362E+02	0.24059E+03	-0.52691E+02
144	-0.13208E+01	-0.88051E+01	0.74844E+01	0.46828E+02	0.23879E+03	-0.46166E+02
145	0.44312E+00	0.29541E+01	0.14815E+00	-0.99544E+02	0.17071E+03	-0.16696E+03
146	0.17852E+00	0.11901E+01	-0.40605E+00	-0.85825E+02	0.12487E+03	-0.15577E+03
147	0.17931E+00	0.11987E+01	-0.38799E+00	-0.81858E+02	0.12647E+03	-0.15306E+03
148	0.18110E+00	0.12073E+01	0.46509E+00	-0.81138E+02	0.12757E+03	-0.15394E+03
149	0.18246E+00	0.12164E+01	0.45251E+00	-0.82553E+02	0.12841E+03	-0.15783E+03
150	0.20421E+00	0.13614E+01	0.39767E+00	-0.69902E+02	0.13641E+03	-0.15326E+03
151	0.24196E+00	0.16131E+01	0.34866E+01	-0.71829E+02	0.15187E+03	-0.15808E+03
152	0.22970E+00	0.15313E+01	0.60656E+01	-0.70481E+02	0.14383E+03	-0.15755E+03
153	0.21237E+00	0.14158E+01	0.54560E+01	-0.63570E+02	0.13321E+03	-0.15492E+03
154	0.17739E+00	0.11826E+01	0.10367E+02	-0.58361E+02	0.11048E+03	-0.15149E+03
155	0.12813E+00	0.85422E+00	0.86614E+01	-0.55045E+02	0.77871E+02	-0.14292E+03
156	0.85533E-01	0.57022E+00	0.76817E+01	-0.47891E+02	0.50309E+02	-0.13345E+03
157	0.48325E-01	0.32217E+00	0.63214E+01	-0.41126E+02	0.26314E+02	-0.11989E+03
158	0.15858E-01	0.10572E+00	0.54934E+01	-0.34720E+02	0.54512E+01	-0.10628E+03
159	-0.11908E-01	-0.79335E-01	0.40807E+01	-0.23671E+02	-0.11555E+02	-0.88865E+02
160	-0.34667E-01	-0.23111E+00	0.30974E+01	-0.17747E+02	-0.25964E+02	-0.72139E+02
161	-0.58614E-01	-0.39076E+00	0.20413E+01	-0.90865E+01	-0.38261E+02	-0.52111E+02
162	-0.71739E-01	-0.47820E+00	0.78872E+00	-0.47057E+01	-0.43082E+02	-0.37607E+02
163	-0.92566E-01	-0.61711E+00	0.73687E+00	0.19043E+01	-0.54400E+02	-0.26929E+02
164	-0.10636E+00	-0.70905E+00	0.49638E+00	0.80155E+01	-0.61632E+02	-0.15720E+02

165	-0.70212E+02	-0.12903E+02	0.19310E+01	-0.40545E+01	-0.68221E+02	-0.10051E+02
166	-0.59447E+02	-0.10124E+02	0.81700E+00	-0.32146E+01	-0.64317E+02	-0.92009E+01
167	-0.49132E+02	-0.76159E+01	0.18933E-01	-0.27048E+01	-0.55830E+02	-0.84896E+01
168	-0.39419E+02	-0.56308E+01	-0.43423E+00	-0.21852E+01	-0.46855E+02	-0.78814E+01
169	-0.27445E+02	-0.33759E+01	-0.34090E+00	-0.16938E+01	-0.41150E+02	-0.71898E+01
170	-0.15166E+02	-0.10205E+01	-0.13331E+01	-0.11177E+01	-0.37903E+02	-0.63789E+01
171	-0.17447E+01	0.14184E+01	-0.17050E+01	-0.31235E+00	-0.31170E+02	-0.52034E+01
172	0.71552E+01	0.27940E+01	-0.17018E+01	0.57440E+00	-0.21425E+02	-0.38851E+01
173	0.89050E+01	0.23321E+01	-0.11651E+01	0.11453E+01	-0.12001E+02	-0.29212E+01
174	0.62802E+01	0.14349E+01	-0.47809E+00	0.14055E+01	-0.44630E+01	-0.22232E+01
175	0.18603E+01	0.24837E+00	0.15683E-01	0.11907E+01	-0.15589E+01	-0.19275E+01
176	-0.78442E-01	-0.13039E+00	0.98689E-01	0.88653E+00	-0.19235E+01	-0.18111E+01
177	-0.39015E+00	-0.12082E+00	0.49279E-01	0.61932E+00	-0.23479E+01	-0.15050E+01
178	-0.13669E+00	-0.23468E-01	-0.10885E-02	0.42339E+00	-0.18320E+01	-0.10953E+01
179	0.27549E-01	0.75611E-02	-0.57607E-02	0.32902E+00	-0.13251E+01	-0.77911E+00
180	-0.81693E-02	0.97564E-03	-0.31370E-02	0.23261E+00	-0.79238E+00	-0.47421E+00
181	0.97902E-02	0.11341E-01	-0.94248E-02	0.16190E+00	-0.36724E+00	-0.16915E+00
182	-0.53063E-01	-0.24644E-01	0.14508E-01	0.48653E-01	0.80089E-01	0.18218E-02

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7000E+00 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.13791E-01	-0.10543E-04	-0.14097E-01	0.00000E+00
3	0.25331E-01	0.11529E-03	-0.25289E-01	0.00000E+00
4	0.27992E-01	0.11078E-03	-0.27733E-01	0.00000E+00
5	0.31318E-01	-0.62598E-05	-0.31288E-01	0.00000E+00
6	0.33343E-01	0.52608E-05	-0.33346E-01	0.00000E+00
7	0.31279E-01	0.52507E-03	-0.31333E-01	0.00000E+00
8	0.33414E-01	0.52881E-03	-0.33466E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.13460E-01	0.22278E-03	-0.13407E-01	0.00000E+00
11	0.24773E-01	0.57230E-03	-0.24840E-01	0.00000E+00
12	0.27539E-01	0.72750E-03	-0.27664E-01	0.00000E+00
13	0.31243E-01	0.81489E-03	-0.31414E-01	0.00000E+00
14	0.33564E-01	0.85194E-03	-0.33817E-01	0.00000E+00
15	0.31349E-01	0.12476E-02	-0.31921E-01	0.00000E+00
16	0.33816E-01	0.12456E-02	-0.34419E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.12976E-01	0.40251E-03	-0.13451E-01	0.00000E+00
19	0.24342E-01	0.10501E-02	-0.25144E-01	0.00000E+00
20	0.27326E-01	0.13438E-02	-0.28175E-01	0.00000E+00
21	0.31431E-01	0.15041E-02	-0.32400E-01	0.00000E+00
22	0.34188E-01	0.15509E-02	-0.35300E-01	0.00000E+00
23	0.31620E-01	0.20201E-02	-0.33203E-01	0.00000E+00
24	0.34697E-01	0.20275E-02	-0.36504E-01	0.00000E+00
25	0.35006E-01	0.24619E-02	-0.37244E-01	0.00000E+00
26	0.35193E-01	0.26190E-02	-0.37683E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.12387E-01	0.43538E-03	-0.13365E-01	0.00000E+00
29	0.23600E-01	0.12831E-02	-0.25306E-01	0.00000E+00
30	0.26840E-01	0.17823E-02	-0.28669E-01	0.00000E+00
31	0.31510E-01	0.23723E-02	-0.33849E-01	0.00000E+00
32	0.35374E-01	0.27757E-02	-0.38146E-01	0.00000E+00
33	0.31427E-01	0.24620E-02	-0.34033E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.12204E-01	0.37951E-03	-0.13289E-01	0.00000E+00
36	0.23311E-01	0.11537E-02	-0.25213E-01	0.00000E+00
37	0.26552E-01	0.16445E-02	-0.28558E-01	0.00000E+00
38	0.31345E-01	0.23233E-02	-0.34088E-01	0.00000E+00
39	0.35627E-01	0.28708E-02	-0.38918E-01	0.00000E+00
40	0.35576E-01	0.28638E-02	-0.38750E-01	0.00000E+00
41	0.35525E-01	0.28569E-02	-0.38589E-01	0.00000E+00
42	0.35470E-01	0.28448E-02	-0.38395E-01	0.00000E+00
43	0.26048E-01	0.12253E-02	-0.27960E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.11615E-01	0.18073E-03	-0.12548E-01	0.00000E+00
46	0.22306E-01	0.67796E-03	-0.23863E-01	0.00000E+00
47	0.35642E-01	0.28707E-02	-0.38978E-01	0.00000E+00
48	0.35644E-01	0.28710E-02	-0.38974E-01	0.00000E+00
49	0.31303E-01	0.22697E-02	-0.34055E-01	0.00000E+00
50	0.35662E-01	0.28925E-02	-0.39054E-01	0.00000E+00
51	0.30720E-01	0.18208E-02	-0.33010E-01	0.00000E+00
52	0.34792E-01	0.28163E-02	-0.37293E-01	0.00000E+00
53	0.35632E-01	0.28598E-02	-0.38996E-01	0.00000E+00
54	0.25378E-01	0.10764E-02	-0.27028E-01	0.00000E+00
55	0.29924E-01	0.17090E-02	-0.31839E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.11017E-01	0.45847E-05	-0.11473E-01	0.00000E+00
58	0.21112E-01	0.51974E-03	-0.21911E-01	0.00000E+00
59	0.33503E-01	0.24778E-02	-0.35579E-01	0.00000E+00
60	0.34430E-01	0.26925E-02	-0.36776E-01	0.00000E+00
61	0.35667E-01	0.29062E-02	-0.39107E-01	0.00000E+00
62	0.24015E-01	0.79731E-03	-0.24845E-01	0.00000E+00
63	0.28103E-01	0.13362E-02	-0.29074E-01	0.00000E+00
64	0.34973E-01	0.28665E-02	-0.37554E-01	0.00000E+00
65	0.35672E-01	0.29192E-02	-0.39158E-01	0.00000E+00
66	0.35713E-01	0.29453E-02	-0.39261E-01	0.00000E+00
67	0.35753E-01	0.29723E-02	-0.39365E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.10462E-01	0.43484E-04	-0.10308E-01	0.00000E+00
70	0.19875E-01	0.21680E-03	-0.19685E-01	0.00000E+00
71	0.31640E-01	0.19589E-02	-0.32802E-01	0.00000E+00
72	0.34976E-01	0.28995E-02	-0.37417E-01	0.00000E+00
73	0.26376E-01	0.82074E-03	-0.25932E-01	0.00000E+00
74	0.35891E-01	0.31403E-02	-0.38456E-01	0.00000E+00
75	0.35787E-01	0.29943E-02	-0.39460E-01	0.00000E+00
76	0.36002E-01	0.30369E-02	-0.39626E-01	0.00000E+00
77	0.29582E-01	0.13320E-02	-0.28798E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.10047E-01	-0.85852E-04	-0.95221E-02	0.00000E+00
80	0.18721E-01	0.13761E-04	-0.17469E-01	0.00000E+00
81	0.21101E-01	0.71179E-04	-0.19570E-01	0.00000E+00
82	0.24602E-01	0.37275E-03	-0.22452E-01	0.00000E+00
83	0.34671E-01	0.27701E-02	-0.35979E-01	0.00000E+00
84	0.31050E-01	0.14027E-02	-0.28086E-01	0.00000E+00
85	0.36454E-01	0.30931E-02	-0.39840E-01	0.00000E+00
86	0.36859E-01	0.33728E-02	-0.39517E-01	0.00000E+00
87	0.27625E-01	0.71754E-03	-0.24911E-01	0.00000E+00
88	0.36013E-01	0.31125E-02	-0.37904E-01	0.00000E+00
89	0.36848E-01	0.31456E-02	-0.40042E-01	0.00000E+00
90	0.21648E-01	0.59916E-04	-0.16669E-01	0.00000E+00
91	0.23512E-01	0.28975E-03	-0.17888E-01	0.00000E+00
92	0.24714E-01	0.51577E-03	-0.18561E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.81546E-02	0.00000E+00	-0.45901E-02	0.00000E+00
95	0.15301E-01	0.00000E+00	-0.88323E-02	0.00000E+00
96	0.17106E-01	0.00000E+00	-0.99001E-02	0.00000E+00
97	0.19335E-01	0.00000E+00	-0.11217E-01	0.00000E+00
98	0.20321E-01	0.00000E+00	-0.11713E-01	0.00000E+00
99	0.21663E-01	0.10875E-03	-0.14773E-01	0.00000E+00
100	0.26282E-01	0.72893E-03	-0.20492E-01	0.00000E+00
101	0.33897E-01	0.21742E-02	-0.29628E-01	0.00000E+00
102	0.37881E-01	0.32174E-02	-0.40323E-01	0.00000E+00
103	0.36391E-01	0.32845E-02	-0.37605E-01	0.00000E+00
104	0.38428E-01	0.37456E-02	-0.40840E-01	0.00000E+00
105	0.38696E-01	0.32849E-02	-0.40564E-01	0.00000E+00
106	0.37667E-01	0.37380E-02	-0.38623E-01	0.00000E+00
107	0.39560E-01	0.41176E-02	-0.41676E-01	0.00000E+00
108	0.39394E-01	0.33434E-02	-0.40768E-01	0.00000E+00
109	0.39925E-01	0.33957E-02	-0.40923E-01	0.00000E+00
110	0.39458E-01	0.44294E-02	-0.39656E-01	0.00000E+00
111	0.40442E-01	0.44765E-02	-0.42225E-01	0.00000E+00
112	0.40372E-01	0.34408E-02	-0.41033E-01	0.00000E+00
113	0.39963E-01	0.45281E-02	-0.40415E-01	0.00000E+00
114	0.40667E-01	0.34746E-02	-0.41087E-01	0.00000E+00
115	0.40874E-01	0.35022E-02	-0.41091E-01	0.00000E+00
116	0.40954E-01	0.35214E-02	-0.41031E-01	0.00000E+00

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117	0.40758E-01	0.46602E-02	-0.42242E-01	0.00000E+00
118	0.40956E-01	0.35291E-02	-0.40983E-01	0.00000E+00
119	0.40935E-01	0.35334E-02	-0.40873E-01	0.00000E+00
120	0.40875E-01	0.48585E-02	-0.42074E-01	0.00000E+00
121	0.40882E-01	0.35358E-02	-0.40724E-01	0.00000E+00
122	0.40883E-01	0.35373E-02	-0.40718E-01	-0.38354E-06
123	0.40884E-01	0.35403E-02	-0.40707E-01	-0.63695E-06
124	0.40886E-01	0.35450E-02	-0.40697E-01	-0.88677E-06
125	0.40889E-01	0.35511E-02	-0.40685E-01	-0.11295E-05
126	0.40895E-01	0.35638E-02	-0.40665E-01	-0.13511E-05
127	0.40902E-01	0.35772E-02	-0.40645E-01	-0.12685E-05
128	0.40912E-01	0.35992E-02	-0.40605E-01	-0.51730E-06
129	0.40909E-01	0.35942E-02	-0.40567E-01	0.10695E-05
130	0.40896E-01	0.35353E-02	-0.40528E-01	0.34806E-05
131	0.40819E-01	0.33464E-02	-0.40473E-01	0.46403E-05
132	0.40746E-01	0.31053E-02	-0.40436E-01	0.54130E-05
133	0.40678E-01	0.28439E-02	-0.40409E-01	0.63075E-05
134	0.40600E-01	0.24644E-02	-0.40393E-01	0.10283E-04
135	0.40503E-01	0.18621E-02	-0.40385E-01	0.14152E-04
136	0.40429E-01	0.12347E-02	-0.40376E-01	0.12760E-04
137	0.40390E-01	0.67335E-03	-0.40375E-01	0.12257E-04
138	0.40365E-01	0.96085E-04	-0.40366E-01	0.11777E-04
139	0.40365E-01	0.12132E-04	-0.40365E-01	0.12118E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7000E+00

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.62582E-01	-0.11470E-01	-0.56782E-01	0.16742E+01	0.36058E-01	-0.16889E+01
2	-0.12994E+00	-0.39730E-02	-0.83340E-01	0.14230E+01	0.54167E-01	-0.14170E+01
3	-0.21651E+00	-0.68188E-02	-0.45632E-01	0.10769E+01	0.31376E-01	-0.10826E+01
4	0.25295E-01	-0.11269E-01	0.12404E+00	0.81668E+00	-0.50482E-01	-0.88385E+00
5	-0.13491E+00	-0.71673E-02	-0.43671E-01	0.81704E+00	0.15299E-02	-0.56952E+00
6	-0.14501E-01	0.35536E-01	-0.26710E-01	0.85490E+00	-0.18211E-02	-0.88702E+00
7	-0.72576E-02	-0.11253E-01	-0.27057E-01	0.56202E+00	-0.80333E-02	-0.56379E+00
8	0.16080E-01	0.46920E-02	-0.36341E-01	0.55468E+00	-0.22992E-01	-0.59009E+00
9	0.20492E-01	0.13357E+00	0.46688E-01	0.16224E+01	0.36717E-02	-0.16493E+01
10	-0.31737E-01	0.16003E+00	0.52757E-02	0.14111E+01	0.30981E-02	-0.14419E+01
11	-0.11902E+00	0.14392E+00	-0.11461E+00	0.11377E+01	-0.15333E-01	-0.11675E+01
12	0.10113E+00	0.10064E+00	0.17928E-01	0.88069E+00	-0.69186E-01	-0.88432E+00
13	-0.55450E-01	0.74693E-01	-0.79200E-01	0.90422E+00	-0.15062E-01	-0.93355E+00
14	0.71111E-01	0.11038E+00	-0.37036E-01	0.93571E+00	-0.47207E-01	-0.98260E+00
15	0.94275E-01	0.37447E-01	-0.28160E-01	0.61120E+00	-0.71328E-01	-0.62432E+00
16	0.96189E-01	0.26207E-01	-0.67819E-01	0.63615E+00	-0.80730E-01	-0.67648E+00
17	0.27336E-01	0.17414E+00	0.49583E-01	0.15512E+01	0.14321E-01	-0.16452E+01
18	-0.56182E-01	0.22688E+00	-0.16233E-01	0.13898E+01	0.27357E-01	-0.14684E+01
19	-0.22440E+00	0.25147E+00	-0.19733E+00	0.11918E+01	0.29659E-01	-0.12554E+01
20	0.15513E+00	0.15824E+00	-0.76561E-02	0.98254E+00	-0.97707E-01	-0.98299E+00
21	-0.65825E-01	0.22011E+00	-0.81588E-01	0.10214E+01	0.72067E-02	-0.10983E+01
22	0.15188E+00	0.44627E+00	0.68818E-01	0.10738E+01	-0.52782E-01	-0.11878E+01
23	0.18310E+00	0.69166E-01	-0.52705E-01	0.74333E+00	-0.12628E+00	-0.76618E+00
24	0.41457E+00	0.19452E+00	0.60104E-01	0.84642E+00	-0.20200E+00	-0.81572E+00
25	0.17721E+00	0.24352E+00	-0.27760E-01	0.86533E+00	-0.10927E+00	-0.93306E+00
26	0.79564E+00	0.72910E+00	0.39423E+00	0.97313E+00	-0.23952E+00	-0.10417E+01
27	0.18189E-01	0.16156E+00	0.37132E-01	0.14961E+01	0.21536E-01	-0.16338E+01
28	-0.78575E-01	0.23249E+00	-0.34002E-01	0.13418E+01	0.54317E-01	-0.14780E+01
29	-0.34495E+00	0.29397E+00	-0.24820E+00	0.11244E+01	0.13830E+00	-0.13003E+01
30	-0.25207E-01	0.32082E+00	-0.67707E-01	0.10605E+01	-0.32975E-01	-0.11873E+01
31	-0.81276E-01	0.40727E+00	-0.40479E-01	0.98749E+00	-0.92447E-01	-0.12306E+01
32	0.27196E-01	0.41846E+00	-0.10541E-01	0.95652E+00	0.34960E-01	-0.12572E+01
33	0.56054E+00	0.59193E+00	0.24236E+00	0.97690E+00	-0.16366E+00	-0.10901E+01
34	0.13965E+01	0.11385E+01	0.78425E+00	0.10155E+01	-0.31063E+00	-0.11747E+01
35	0.41324E+00	0.48170E+00	0.12554E+00	0.99472E+00	-0.10738E+00	-0.11736E+01
36	-0.15266E+00	0.17133E+00	-0.21303E+00	0.92686E+00	0.46279E-01	-0.11997E+01
37	0.55426E+00	0.69710E+00	0.26600E+00	0.10392E+01	-0.11497E+00	-0.12362E+01
38	-0.26515E-01	0.83196E-01	-0.51548E-02	0.14486E+01	0.35883E-01	-0.15817E+01
39	-0.13194E+00	0.13508E+00	-0.74260E-01	0.13085E+01	0.10021E+00	-0.14319E+01
40	-0.35110E+00	0.29146E+00	-0.23714E+00	0.10709E+01	0.25185E+00	-0.12846E+01
41	-0.42623E+00	0.60232E-01	-0.28777E+00	0.11210E+01	0.25972E+00	-0.12948E+01
42	-0.52979E+00	0.13769E+00	-0.27741E+00	0.10846E+01	0.32258E+00	-0.11964E+01
43	-0.17432E+00	0.26939E+00	-0.13282E+00	0.96164E+00	0.14904E+00	-0.12553E+01
44	-0.34533E+00	0.12472E+00	-0.24606E+00	0.93072E+00	0.24634E+00	-0.11373E+01
45	-0.45627E+00	0.65456E-01	-0.28323E+00	0.99382E+00	0.23923E+00	-0.11294E+01
46	-0.27248E+00	0.22340E+00	-0.12843E+00	0.96026E+00	0.19316E+00	-0.10708E+01
47	0.10644E+00	0.41635E+00	-0.19120E-01	0.97978E+00	0.31357E-01	-0.12447E+01
48	0.17750E+00	0.48860E+00	0.31247E-01	0.10432E+01	0.69583E-01	-0.12566E+01
49	-0.92902E-01	0.38723E+00	-0.92666E-01	0.10128E+01	0.19755E+00	-0.13085E+01
50	-0.10350E+01	-0.58471E-01	-0.62106E+00	0.85092E+00	0.53139E+00	-0.98817E+00
51	-0.23875E+00	-0.12394E+00	-0.39686E+00	0.36779E-01	0.75507E-01	-0.25859E+00
52	-0.81496E+00	-0.53051E+00	-0.76422E+00	-0.40579E+00	0.28228E+00	0.74915E+00
53	-0.45887E+00	0.24339E+00	-0.21639E+00	0.78660E+00	0.27581E+00	-0.90009E+00
54	-0.10782E+00	-0.41233E-01	-0.74666E-01	0.13766E+01	0.44794E-01	-0.14687E+01

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55	-0.20472E+00	0.50456E-01	-0.10221E+00	0.12580E+01	0.12545E+00	-0.13347E+01
56	-0.52645E+00	0.96464E-01	-0.22612E+00	0.10633E+01	0.34058E+00	-0.11418E+01
57	-0.41816E+00	0.11161E+00	-0.19120E+00	0.90708E+00	0.23894E+00	-0.10018E+01
58	-0.46666E+00	0.15413E+00	-0.20329E+00	0.73218E+00	0.26812E+00	-0.84315E+00
59	-0.57539E-02	-0.46332E-02	-0.97516E-02	0.13465E+01	0.19988E-02	-0.14023E+01
60	-0.22806E+00	-0.13599E+00	-0.14912E+00	0.12815E+01	0.86718E-01	-0.12600E+01
61	-0.15118E+00	-0.79707E-01	-0.85295E-01	0.12691E+01	0.55083E-01	-0.12597E+01
62	-0.34553E-01	-0.55539E-01	-0.30843E-01	0.12279E+01	-0.18549E-02	-0.11635E+01
63	-0.23763E+00	-0.22051E-01	-0.11201E+00	0.11826E+01	0.12726E+00	-0.12135E+01
64	-0.25538E+00	-0.10697E+00	-0.12880E+00	0.10932E+01	0.10431E+00	-0.10592E+01
65	-0.50122E+00	0.65173E-01	-0.16359E+00	0.10199E+01	0.33908E+00	-0.10891E+01
66	-0.61791E+00	-0.31043E-01	-0.17655E+00	0.93039E+00	0.37987E+00	-0.93318E+00
67	-0.52928E+00	-0.14866E+00	-0.14871E+00	0.84274E+00	0.30407E+00	-0.77245E+00
68	-0.45934E+00	0.73613E-01	-0.17397E+00	0.84106E+00	0.27928E+00	-0.93155E+00
69	-0.40154E+00	0.18500E-01	-0.13840E+00	0.79569E+00	0.22330E+00	-0.81492E+00
70	-0.59209E+00	-0.15395E+00	-0.25017E+00	0.71970E+00	0.28438E+00	-0.62984E+00
71	-0.50633E+00	0.67407E-01	-0.18313E+00	0.68099E+00	0.31304E+00	-0.73486E+00
72	-0.52069E+00	-0.11901E-01	-0.15826E+00	0.62889E+00	0.29970E+00	-0.59717E+00
73	-0.92621E-01	-0.68426E-01	-0.41717E-01	0.11131E+01	0.37103E-01	-0.86224E+00
74	-0.17419E+00	-0.64614E-01	-0.29958E-01	0.96748E+00	0.10096E+00	-0.74474E+00
75	-0.36218E+00	-0.69206E-01	-0.40262E-01	0.76561E+00	0.27035E+00	-0.58126E+00
76	-0.38026E+00	0.64404E-02	-0.61017E-01	0.74497E+00	0.21899E+00	-0.62639E+00
77	-0.32691E+00	-0.14324E+00	-0.68081E-01	0.54975E+00	0.16666E+00	-0.41952E+00
78	-0.37969E+00	-0.17922E+00	-0.68353E-01	0.48033E+00	0.18082E+00	-0.28556E+00
79	-0.50721E+00	-0.76456E-01	-0.11969E+00	0.51351E+00	0.23681E+00	-0.40214E+00
80	-0.61641E+00	-0.17446E+00	-0.16832E+00	0.38722E+00	0.23557E+00	-0.26548E+00
81	-0.30894E+00	-0.75157E-01	0.44631E-02	0.23538E+00	0.17979E+00	-0.14245E+00
82	-0.40555E+00	-0.18685E+00	-0.61581E-01	0.20488E+00	0.18660E+00	-0.10772E+00
83	-0.55029E+00	-0.82364E-01	-0.95094E-01	0.31706E+00	0.23202E+00	-0.18979E+00
84	-0.63616E+00	-0.13544E+00	-0.16624E+00	0.34068E+00	0.25874E+00	-0.21630E+00
85	-0.68678E+00	-0.40490E-01	-0.16976E+00	0.46096E+00	0.29955E+00	-0.35776E+00
86	-0.67404E+00	-0.34601E-01	-0.14380E+00	0.35506E+00	0.29294E+00	-0.22520E+00
87	-0.54534E+00	-0.25057E-01	-0.15127E+00	0.47276E+00	0.30945E+00	-0.36616E+00
88	-0.56643E+00	0.63975E-01	-0.18787E+00	0.49963E+00	0.37942E+00	-0.54092E+00
89	-0.57118E+00	0.86425E-01	-0.18788E+00	0.39160E+00	0.41090E+00	-0.47757E+00
90	-0.69984E+00	-0.81856E-01	-0.23614E+00	0.30717E+00	0.43049E+00	-0.23992E+00
91	-0.65100E+00	-0.10668E-01	-0.23553E+00	0.26645E+00	0.46037E+00	-0.52156E+00
92	-0.68768E+00	-0.75911E-01	-0.26197E+00	0.19939E+00	0.45526E+00	-0.21365E+00
93	-0.55979E+00	0.30795E+00	-0.23984E+00	0.54252E+00	0.32033E+00	-0.75348E+00
94	-0.57781E+00	0.10860E+00	-0.30380E+00	0.54609E+00	0.29658E+00	-0.70088E+00
95	-0.47841E+00	-0.71196E-01	-0.36063E+00	0.35981E+00	0.25830E+00	-0.49908E+00
96	-0.53114E+00	0.92541E-01	-0.26441E+00	0.53036E+00	0.27653E+00	-0.63551E+00
97	-0.44791E+00	-0.27614E-01	-0.32797E+00	0.39137E+00	0.25721E+00	-0.43060E+00
98	-0.46679E+00	0.11285E-01	-0.28049E+00	0.35596E+00	0.23778E+00	-0.43392E+00
99	-0.52572E+00	0.79850E-01	-0.24977E+00	0.42145E+00	0.26008E+00	-0.49328E+00
100	-0.42092E+00	0.49473E-01	-0.23793E+00	0.30102E+00	0.22889E+00	-0.32194E+00
101	-0.45227E+00	-0.20698E-01	-0.28002E+00	0.21525E+00	0.22373E+00	-0.23107E+00
102	-0.29885E+00	0.99156E-01	-0.12214E+00	0.24885E+00	0.20458E+00	-0.24293E+00
103	-0.26156E+00	-0.42210E-01	-0.19213E+00	0.75261E-01	0.16661E+00	-0.97625E-01
104	-0.26054E+00	-0.48600E-01	-0.18314E+00	0.16884E-01	0.16263E+00	-0.56919E-01
105	-0.62257E+00	0.96818E-01	-0.36816E+00	0.45505E+00	0.35033E+00	-0.70618E+00
106	-0.98589E+00	-0.56541E+00	-0.84320E+00	0.95988E-02	0.38483E+00	-0.30266E+00
107	-0.74233E+00	-0.30491E+00	-0.62865E+00	0.22753E+00	0.36266E+00	-0.49527E+00
108	-0.64812E+00	-0.27383E+00	-0.57727E+00	0.23170E+00	0.33737E+00	-0.49472E+00
109	-0.68803E+00	-0.37155E+00	-0.64983E+00	0.81848E-01	0.33030E+00	-0.30153E+00
110	-0.23365E+00	0.82368E-01	-0.27096E+00	0.34974E+00	0.28871E+00	-0.51077E+00
111	-0.23716E+00	-0.11495E+00	-0.37297E+00	0.24633E+00	0.24135E+00	-0.25697E+00
112	-0.22940E+00	-0.10812E+00	-0.36040E+00	0.38111E+00	0.23894E+00	-0.25195E+00
113	0.41447E-01	0.25156E+00	-0.73597E-01	0.41550E+00	0.18375E+00	-0.50708E+00
114	-0.13079E+00	-0.48401E-01	-0.28911E+00	0.35136E+00	0.14871E+00	-0.24451E+00

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115	-0.11428E+00	-0.39223E-01	-0.25671E+00	0.59021E+00	0.14076E+00	-0.23392E+00
116	-0.26640E-01	0.23957E+00	-0.81257E-01	0.47121E+00	0.78949E-01	-0.44009E+00
117	-0.29749E+00	-0.15175E+00	-0.33790E+00	0.50398E+00	0.19182E-01	-0.21716E+00
118	-0.23141E+00	-0.14529E+00	-0.30368E+00	0.44061E+00	0.10208E-01	-0.19771E+00
119	-0.10936E+00	0.20062E+00	-0.94305E-01	0.38607E+00	-0.19607E-01	-0.31522E+00
120	-0.33432E+00	-0.17878E+00	-0.31090E+00	0.38497E+00	-0.64233E-01	-0.17520E+00
121	-0.32580E+00	-0.17300E+00	-0.29040E+00	0.34019E+00	-0.70228E-01	-0.15144E+00
122	-0.57282E-01	0.23775E+00	-0.28883E-01	0.35498E+00	-0.88205E-01	-0.24394E+00
123	-0.20552E+00	-0.10811E+00	-0.19287E+00	0.29514E+00	-0.13007E+00	-0.12506E+00
124	-0.20411E+00	-0.11346E+00	-0.18398E+00	0.24822E+00	-0.13381E+00	-0.98362E-01
125	-0.13433E+00	0.39493E-01	-0.11513E+00	0.22987E+00	-0.12717E+00	-0.10448E+00
126	-0.17752E+00	-0.10361E+00	-0.15429E+00	0.19726E+00	-0.14901E+00	-0.65825E-01
127	-0.17936E+00	-0.10957E+00	-0.15295E+00	0.15631E+00	-0.15060E+00	-0.45898E-01
128	-0.55949E-01	0.39565E-01	-0.51902E-01	0.17604E+00	-0.15360E+00	-0.50181E-01
129	-0.34221E-01	-0.27503E-01	-0.48535E-01	0.15071E+00	-0.17468E+00	-0.19374E-01
183	-0.69871E+00	0.18025E+00	-0.36051E+00	0.80554E+00	0.37452E+00	-0.93403E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.27836E+00	-0.18591E+01	0.15802E+01	0.11980E+02	-0.80695E+01	-0.54700E+01
131	-0.35420E-02	-0.56947E-01	0.48405E-01	0.25467E+02	-0.14907E+02	-0.20011E+02
132	-0.35857E-01	-0.23905E+00	0.20319E+00	0.42725E+02	-0.25172E+02	-0.34606E+02
133	-0.87648E-02	-0.58432E-01	0.49667E-01	0.63288E+02	-0.35710E+02	-0.50992E+02
134	-0.36960E-01	-0.24640E+00	0.20944E+00	0.86893E+02	-0.46794E+02	-0.70554E+02
135	-0.87441E-01	-0.58294E+00	0.49550E+00	0.10584E+03	-0.55197E+02	-0.87966E+02
136	-0.41156E-01	-0.27438E+00	0.23322E+00	0.12156E+03	-0.59220E+02	-0.99681E+02
137	-0.38544E-01	-0.25695E+00	0.21842E+00	0.11666E+03	-0.64844E+02	-0.10483E+03
138	-0.10370E+00	-0.69133E+00	0.41356E+00	0.12015E+03	-0.11099E+03	-0.11322E+03
139	0.24248E+00	0.16165E+01	-0.20151E+01	0.11236E+03	-0.20319E+03	-0.12059E+03
140	0.82719E+00	0.55146E+01	-0.46874E+01	0.14964E+03	-0.24573E+03	-0.13717E+03
141	0.78870E+00	0.52580E+01	-0.44693E+01	0.14764E+03	-0.24933E+03	-0.14685E+03
142	0.89100E+00	0.59400E+01	-0.50490E+01	0.15692E+03	-0.25029E+03	-0.15598E+03
143	0.91579E+00	0.61052E+01	-0.51895E+01	-0.76090E+02	-0.28512E+03	0.99792E+02
144	0.10683E+01	0.71223E+01	-0.60540E+01	-0.74456E+02	-0.28199E+03	0.91165E+02
145	-0.52343E+00	-0.34895E+01	0.97544E+00	0.81992E+02	-0.20700E+03	0.26471E+03
146	-0.21283E+00	-0.14189E+01	0.10561E+01	0.83402E+02	-0.15172E+03	0.23885E+03
147	-0.21576E+00	-0.14384E+01	0.10234E+01	0.77707E+02	-0.15483E+03	0.23373E+03
148	-0.21913E+00	-0.14609E+01	-0.26546E+00	0.77424E+02	-0.15747E+03	0.23394E+03
149	-0.22307E+00	-0.14871E+01	-0.24114E+00	0.80468E+02	-0.16006E+03	0.23867E+03
150	-0.25216E+00	-0.16811E+01	-0.11210E+00	0.62761E+02	-0.17197E+03	0.22953E+03
151	-0.30202E+00	-0.20135E+01	-0.45108E+01	0.66459E+02	-0.19304E+03	0.23479E+03
152	-0.29018E+00	-0.19345E+01	-0.80889E+01	0.66698E+02	-0.18505E+03	0.23073E+03
153	-0.27235E+00	-0.18157E+01	-0.69619E+01	0.62307E+02	-0.17372E+03	0.22277E+03
154	-0.23323E+00	-0.15549E+01	-0.13314E+02	0.58261E+02	-0.14803E+03	0.21380E+03
155	-0.17838E+00	-0.11892E+01	-0.10413E+02	0.59026E+02	-0.11105E+03	0.19653E+03
156	-0.13419E+00	-0.89458E+00	-0.89339E+01	0.53196E+02	-0.82217E+02	0.17960E+03
157	-0.98198E-01	-0.65465E+00	-0.67839E+01	0.49838E+02	-0.58530E+02	0.15704E+03
158	-0.68677E-01	-0.45734E+00	-0.58264E+01	0.44697E+02	-0.39458E+02	0.13610E+03
159	-0.44742E-01	-0.29828E+00	-0.39173E+01	0.34130E+02	-0.24955E+02	0.11001E+03
160	-0.26356E-01	-0.17571E+00	-0.29269E+01	0.28870E+02	-0.13385E+02	0.86266E+02
161	-0.13408E-01	-0.89389E-01	-0.15545E+01	0.21450E+02	-0.52232E+01	0.57674E+02
162	-0.48333E-02	-0.32222E-01	-0.57545E+00	0.17002E+02	-0.30510E+00	0.37534E+02
163	0.18876E-02	0.12584E-01	-0.34447E+00	0.69701E+01	0.21607E+01	0.24340E+02
164	0.11850E-01	0.79000E-01	0.48847E-01	0.41765E+01	0.76272E+01	0.14510E+02

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165	-0.78511E+01	0.13452E+01	-0.21576E+01	0.91651E+00	0.10492E+02	0.10807E+02
166	-0.50463E+01	0.13878E+01	-0.18211E+01	0.11610E+01	0.10594E+02	0.10700E+02
167	-0.32230E+01	0.99536E+00	-0.12553E+01	0.13201E+01	0.99996E+01	0.10621E+02
168	-0.18383E+01	0.65103E+00	-0.78452E+00	0.14844E+01	0.92458E+01	0.10579E+02
169	-0.69919E+00	0.63722E+00	-0.62820E+00	0.16781E+01	0.94575E+01	0.10537E+02
170	0.42300E+00	0.84635E+00	-0.66256E+00	0.19022E+01	0.10831E+02	0.10524E+02
171	0.13951E+01	0.10332E+01	-0.69795E+00	0.21933E+01	0.13020E+02	0.10406E+02
172	0.28309E+01	0.12425E+01	-0.67684E+00	0.24818E+01	0.15814E+02	0.10124E+02
173	0.31120E+01	0.10916E+01	-0.50035E+00	0.26415E+01	0.17266E+02	0.96842E+01
174	0.79866E+00	0.60265E+00	-0.37584E+00	0.26425E+01	0.18088E+02	0.83953E+01
175	0.37344E+00	0.39470E+00	-0.26272E+00	0.24784E+01	0.16126E+02	0.78622E+01
176	0.29820E+00	0.34437E+00	-0.23931E+00	0.22429E+01	0.14651E+02	0.68927E+01
177	0.94084E+00	0.35376E+00	-0.16779E+00	0.19332E+01	0.13731E+02	0.55790E+01
178	0.64459E+00	0.69975E-01	0.36399E-01	0.14598E+01	0.10220E+02	0.40540E+01
179	-0.24708E+00	-0.11802E+00	0.80159E-01	0.89073E+00	0.70956E+01	0.27869E+01
180	-0.70363E-01	-0.31827E-01	0.22547E-01	0.43594E+00	0.40609E+01	0.16428E+01
181	-0.56965E-01	-0.78660E-01	0.63615E-01	-0.48444E-01	0.18371E+01	0.51627E+00
182	0.15062E+00	0.69971E-01	-0.41198E-01	-0.15998E+00	-0.53212E+00	-0.80332E-01

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8000E+00 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.91281E-02	0.34443E-04	0.90534E-02	0.00000E+00
3	-0.16393E-01	0.25211E-04	0.16409E-01	0.00000E+00
4	-0.18060E-01	0.60716E-05	0.18119E-01	0.00000E+00
5	-0.20162E-01	-0.47150E-05	0.20170E-01	0.00000E+00
6	-0.21423E-01	-0.27344E-06	0.21422E-01	0.00000E+00
7	-0.20186E-01	-0.86358E-04	0.20156E-01	0.00000E+00
8	-0.21454E-01	-0.58765E-04	0.21460E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.89087E-02	-0.78039E-04	0.87908E-02	0.00000E+00
11	-0.16216E-01	-0.12409E-03	0.16080E-01	0.00000E+00
12	-0.17956E-01	-0.14030E-03	0.17867E-01	0.00000E+00
13	-0.20185E-01	-0.12529E-03	0.20120E-01	0.00000E+00
14	-0.21537E-01	-0.10089E-03	0.21570E-01	0.00000E+00
15	-0.20286E-01	-0.35094E-03	0.20275E-01	0.00000E+00
16	-0.21682E-01	-0.27397E-03	0.21772E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.88484E-02	-0.23769E-03	0.87131E-02	0.00000E+00
19	-0.16196E-01	-0.46369E-03	0.16047E-01	0.00000E+00
20	-0.17989E-01	-0.56241E-03	0.17898E-01	0.00000E+00
21	-0.20399E-01	-0.54698E-03	0.20374E-01	0.00000E+00
22	-0.21699E-01	-0.47856E-03	0.22083E-01	0.00000E+00
23	-0.20588E-01	-0.10653E-02	0.20648E-01	0.00000E+00
24	-0.22202E-01	-0.98698E-03	0.22535E-01	0.00000E+00
25	-0.22390E-01	-0.13988E-02	0.22825E-01	0.00000E+00
26	-0.22502E-01	-0.15740E-02	0.23001E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.86559E-02	-0.45174E-03	0.85833E-02	0.00000E+00
29	-0.15982E-01	-0.97424E-03	0.15953E-01	0.00000E+00
30	-0.17832E-01	-0.12566E-02	0.17922E-01	0.00000E+00
31	-0.20569E-01	-0.15463E-02	0.20836E-01	0.00000E+00
32	-0.22611E-01	-0.17733E-02	0.23188E-01	0.00000E+00
33	-0.20537E-01	-0.16549E-02	0.20901E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.85665E-02	-0.47221E-03	0.85560E-02	0.00000E+00
36	-0.15868E-01	-0.10299E-02	0.15906E-01	0.00000E+00
37	-0.17773E-01	-0.13163E-02	0.17860E-01	0.00000E+00
38	-0.20521E-01	-0.16261E-02	0.20911E-01	0.00000E+00
39	-0.22761E-01	-0.18573E-02	0.23476E-01	0.00000E+00
40	-0.22731E-01	-0.18511E-02	0.23417E-01	0.00000E+00
41	-0.22702E-01	-0.18451E-02	0.23360E-01	0.00000E+00
42	-0.22670E-01	-0.18325E-02	0.23287E-01	0.00000E+00
43	-0.17632E-01	-0.13415E-02	0.17707E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.82354E-02	-0.52926E-03	0.83882E-02	0.00000E+00
46	-0.15472E-01	-0.11111E-02	0.15618E-01	0.00000E+00
47	-0.22768E-01	-0.18575E-02	0.23491E-01	0.00000E+00
48	-0.22770E-01	-0.18575E-02	0.23496E-01	0.00000E+00
49	-0.20512E-01	-0.16136E-02	0.20890E-01	0.00000E+00
50	-0.22781E-01	-0.18648E-02	0.23527E-01	0.00000E+00
51	-0.20367E-01	-0.16033E-02	0.20439E-01	0.00000E+00
52	-0.22539E-01	-0.19978E-02	0.22601E-01	0.00000E+00
53	-0.22762E-01	-0.16537E-02	0.23478E-01	0.00000E+00
54	-0.17404E-01	-0.14117E-02	0.17495E-01	0.00000E+00
55	-0.20158E-01	-0.17342E-02	0.20160E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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104

57	-0.79132E-02	-0.47186E-03	0.84969E-02	0.00000E+00
58	-0.15036E-01	-0.11286E-02	0.15682E-01	0.00000E+00
59	-0.22203E-01	-0.19962E-02	0.22154E-01	0.00000E+00
60	-0.22430E-01	-0.20022E-02	0.22375E-01	0.00000E+00
61	-0.22784E-01	-0.18707E-02	0.23549E-01	0.00000E+00
62	-0.17025E-01	-0.14356E-02	0.17597E-01	0.00000E+00
63	-0.19756E-01	-0.17223E-02	0.20192E-01	0.00000E+00
64	-0.22649E-01	-0.20184E-02	0.22730E-01	0.00000E+00
65	-0.22787E-01	-0.18763E-02	0.23569E-01	0.00000E+00
66	-0.22811E-01	-0.18872E-02	0.23611E-01	0.00000E+00
67	-0.22835E-01	-0.18980E-02	0.23654E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.77151E-02	-0.41116E-03	0.85830E-02	0.00000E+00
70	-0.14723E-01	-0.85496E-03	0.16160E-01	0.00000E+00
71	-0.21942E-01	-0.19709E-02	0.22149E-01	0.00000E+00
72	-0.22735E-01	-0.20737E-02	0.22650E-01	0.00000E+00
73	-0.19460E-01	-0.13874E-02	0.20872E-01	0.00000E+00
74	-0.23241E-01	-0.21389E-02	0.23087E-01	0.00000E+00
75	-0.22855E-01	-0.19067E-02	0.23692E-01	0.00000E+00
76	-0.22979E-01	-0.19214E-02	0.23757E-01	0.00000E+00
77	-0.21603E-01	-0.16628E-02	0.22877E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.76347E-02	-0.25898E-03	0.89257E-02	0.00000E+00
80	-0.14512E-01	-0.59096E-03	0.16552E-01	0.00000E+00
81	-0.16419E-01	-0.74800E-03	0.18559E-01	0.00000E+00
82	-0.19048E-01	-0.99496E-03	0.21124E-01	0.00000E+00
83	-0.23610E-01	-0.22080E-02	0.23574E-01	0.00000E+00
84	-0.23090E-01	-0.16822E-02	0.24771E-01	0.00000E+00
85	-0.23234E-01	-0.19395E-02	0.23840E-01	0.00000E+00
86	-0.23770E-01	-0.21533E-02	0.23580E-01	0.00000E+00
87	-0.21229E-01	-0.12577E-02	0.23201E-01	0.00000E+00
88	-0.23803E-01	-0.22112E-02	0.23565E-01	0.00000E+00
89	-0.23456E-01	-0.19343E-02	0.23918E-01	0.00000E+00
90	-0.18230E-01	-0.43712E-03	0.19672E-01	0.00000E+00
91	-0.19824E-01	-0.61136E-03	0.21148E-01	0.00000E+00
92	-0.20748E-01	-0.77911E-03	0.21798E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.72398E-02	0.00000E+00	0.77981E-02	0.00000E+00
95	-0.13724E-01	0.00000E+00	0.14425E-01	0.00000E+00
96	-0.15432E-01	0.00000E+00	0.16005E-01	0.00000E+00
97	-0.17445E-01	0.00000E+00	0.17604E-01	0.00000E+00
98	-0.18359E-01	0.00000E+00	0.18113E-01	0.00000E+00
99	-0.18934E-01	-0.31592E-03	0.19559E-01	0.00000E+00
100	-0.21636E-01	-0.99393E-03	0.22764E-01	0.00000E+00
101	-0.24473E-01	-0.20200E-02	0.25536E-01	0.00000E+00
102	-0.24005E-01	-0.19707E-02	0.24025E-01	0.00000E+00
103	-0.24485E-01	-0.23400E-02	0.24210E-01	0.00000E+00
104	-0.24546E-01	-0.21767E-02	0.24073E-01	0.00000E+00
105	-0.24434E-01	-0.19837E-02	0.24114E-01	0.00000E+00
106	-0.24958E-01	-0.24083E-02	0.24486E-01	0.00000E+00
107	-0.25055E-01	-0.21914E-02	0.24350E-01	0.00000E+00
108	-0.24770E-01	-0.19904E-02	0.24186E-01	0.00000E+00
109	-0.25021E-01	-0.19935E-02	0.24237E-01	0.00000E+00
110	-0.25380E-01	-0.24893E-02	0.24466E-01	0.00000E+00
111	-0.25357E-01	-0.21986E-02	0.24460E-01	0.00000E+00
112	-0.25205E-01	-0.19926E-02	0.24270E-01	0.00000E+00
113	-0.25424E-01	-0.23915E-02	0.24447E-01	0.00000E+00
114	-0.25322E-01	-0.19876E-02	0.24280E-01	0.00000E+00
115	-0.25382E-01	-0.19800E-02	0.24269E-01	0.00000E+00
116	-0.25389E-01	-0.19697E-02	0.24235E-01	0.00000E+00

117	-0.25413E-01	-0.21599E-02	0.24407E-01	0.00000E+00
118	-0.25384E-01	-0.19637E-02	0.24211E-01	0.00000E+00
119	-0.25360E-01	-0.19542E-02	0.24157E-01	0.00000E+00
120	-0.25338E-01	-0.20934E-02	0.24238E-01	0.00000E+00
121	-0.25320E-01	-0.19409E-02	0.24082E-01	0.00000E+00
122	-0.25318E-01	-0.19254E-02	0.24098E-01	-0.39059E-05
123	-0.25305E-01	-0.18911E-02	0.24107E-01	-0.72193E-05
124	-0.25283E-01	-0.17343E-02	0.24116E-01	-0.11356E-04
125	-0.25243E-01	-0.17482E-02	0.24124E-01	-0.16851E-04
126	-0.25141E-01	-0.15338E-02	0.24137E-01	-0.25018E-04
127	-0.25010E-01	-0.12591E-02	0.24148E-01	-0.29085E-04
128	-0.24715E-01	-0.60438E-03	0.24171E-01	-0.28619E-04
129	-0.24475E-01	-0.37693E-04	0.24191E-01	-0.22281E-04
130	-0.24298E-01	0.41528E-03	0.24211E-01	-0.12706E-04
131	-0.24210E-01	0.65062E-03	0.24241E-01	-0.82888E-06
132	-0.24243E-01	0.58154E-03	0.24268E-01	0.38071E-05
133	-0.24290E-01	0.41335E-03	0.24292E-01	0.32471E-05
134	-0.24316E-01	0.30226E-03	0.24312E-01	0.19493E-05
135	-0.24330E-01	0.22567E-03	0.24328E-01	0.15925E-05
136	-0.24341E-01	0.15473E-03	0.24339E-01	0.15732E-05
137	-0.24347E-01	0.86622E-04	0.24346E-01	0.15672E-05
138	-0.24351E-01	0.12753E-04	0.24351E-01	0.16223E-05
139	-0.24351E-01	0.15804E-05	0.24351E-01	0.15821E-05

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000111

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3000E+00

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.10197E-01	-0.11883E-01	-0.21269E-01	-0.11065E+01	-0.26754E-02	0.10921E+01
2	0.29473E-01	-0.75765E-02	-0.24763E-01	-0.90057E+00	-0.10649E-01	0.90039E+00
3	0.48037E-01	-0.81234E-02	-0.10162E-01	-0.64721E+00	-0.32849E-01	0.65894E+00
4	-0.83346E-02	-0.43690E-02	0.13772E-01	-0.46999E+00	-0.91987E-02	0.45972E+00
5	0.25584E-01	-0.14947E-02	-0.50963E-03	-0.48500E+00	-0.19135E-01	0.48203E+00
6	-0.12974E-01	-0.62933E-02	-0.26282E-01	-0.49005E+00	0.16627E-03	0.50100E+00
7	-0.20708E-01	-0.33463E-02	-0.13557E-01	-0.29615E+00	0.36130E-02	0.29988E+00
8	-0.23481E-01	-0.17750E-02	-0.16744E-01	-0.30092E+00	0.83933E-02	0.31977E+00
9	-0.76230E-01	-0.11943E+00	-0.87287E-01	-0.10913E+01	0.25464E-03	0.10737E+01
10	-0.75419E-01	-0.11435E+00	-0.95321E-01	-0.91465E+00	0.26341E-02	0.90508E+00
11	-0.52866E-01	-0.93298E-01	-0.74712E-01	-0.70588E+00	0.11742E-01	0.69998E+00
12	-0.11205E+00	-0.69169E-01	-0.84399E-01	-0.52377E+00	0.32170E-01	0.50418E+00
13	-0.32601E-01	-0.26356E-01	-0.34300E-01	-0.53921E+00	0.66575E-02	0.53952E+00
14	-0.11791E+00	-0.70229E-01	-0.81063E-01	-0.55757E+00	0.19995E-01	0.56045E+00
15	-0.83737E-01	-0.16820E-01	-0.37830E-01	-0.34396E+00	0.31281E-01	0.34359E+00
16	-0.10193E+00	-0.95480E-02	-0.35987E-01	-0.36079E+00	0.34031E-01	0.38056E+00
17	-0.13137E+00	-0.23013E+00	-0.14903E+00	-0.10778E+01	-0.33084E-02	0.10623E+01
18	-0.10282E+00	-0.22494E+00	-0.13934E+00	-0.92399E+00	-0.54886E-02	0.91472E+00
19	-0.25414E-01	-0.21349E+00	-0.80754E-01	-0.76801E+00	-0.17751E-02	0.75013E+00
20	-0.19492E+00	-0.11984E+00	-0.12808E+00	-0.61575E+00	0.50241E-01	0.56668E+00
21	-0.81734E-01	-0.17031E+00	-0.10053E+00	-0.63641E+00	0.20314E-02	0.62793E+00
22	-0.21473E+00	-0.34723E+00	-0.21392E+00	-0.66654E+00	0.29074E-01	0.67224E+00
23	-0.17654E+00	-0.56826E-01	-0.78647E-01	-0.44167E+00	0.59970E-01	0.43388E+00
24	-0.29876E+00	-0.12780E+00	-0.14362E+00	-0.51038E+00	0.95156E-01	0.46313E+00
25	-0.21288E+00	-0.21538E+00	-0.14292E+00	-0.51192E+00	0.53444E-01	0.52253E+00
26	-0.59427E+00	-0.54759E+00	-0.41865E+00	-0.59404E+00	0.11439E+00	0.57679E+00
27	-0.16372E+00	-0.29803E+00	-0.18610E+00	-0.10549E+01	-0.27582E-02	0.10530E+01
28	-0.11984E+00	-0.30053E+00	-0.16940E+00	-0.90296E+00	-0.84401E-02	0.91712E+00
29	0.33107E-01	-0.28229E+00	-0.70490E-01	-0.72540E+00	-0.27679E-01	0.77449E+00
30	-0.12271E+00	-0.28229E+00	-0.14359E+00	-0.64085E+00	0.28879E-01	0.67499E+00
31	-0.11416E+00	-0.33509E+00	-0.16667E+00	-0.60446E+00	-0.22127E-01	0.69252E+00
32	-0.17958E+00	-0.33323E+00	-0.18354E+00	-0.57838E+00	-0.20806E-02	0.70308E+00
33	-0.46174E+00	-0.46656E+00	-0.33362E+00	-0.54642E+00	0.90836E-01	0.60151E+00
34	-0.85079E+00	-0.69391E+00	-0.57606E+00	-0.54231E+00	0.16176E+00	0.64283E+00
35	-0.32500E+00	-0.34768E+00	-0.22427E+00	-0.52824E+00	0.50961E-01	0.64215E+00
36	-0.91425E-01	-0.21217E+00	-0.84200E-01	-0.51310E+00	-0.76694E-02	0.65185E+00
37	-0.36643E+00	-0.40807E+00	-0.26417E+00	-0.54655E+00	0.53988E-01	0.66613E+00
38	-0.17241E+00	-0.31601E+00	-0.19421E+00	-0.10288E+01	-0.65810E-02	0.10404E+01
39	-0.11950E+00	-0.30965E+00	-0.16716E+00	-0.89327E+00	-0.17548E-01	0.90647E+00
40	-0.15289E-01	-0.30405E+00	-0.88284E-01	-0.70575E+00	-0.45974E-01	0.77013E+00
41	0.49800E-01	-0.25967E+00	-0.54141E-01	-0.73095E+00	-0.43633E-01	0.75871E+00
42	0.63905E-01	-0.28433E+00	-0.56436E-01	-0.72807E+00	-0.63085E-01	0.73436E+00
43	-0.89618E-01	-0.25435E+00	-0.12070E+00	-0.59295E+00	-0.35045E-01	0.69633E+00
44	-0.52448E-01	-0.21835E+00	-0.96413E-01	-0.59065E+00	-0.86374E-01	0.62892E+00
45	-0.14460E-01	-0.19723E+00	-0.81605E-01	-0.61421E+00	-0.47236E-01	0.62666E+00
46	-0.48247E-01	-0.26353E+00	-0.12140E+00	-0.60819E+00	-0.36258E-01	0.60934E+00
47	-0.19747E+00	-0.30098E+00	-0.15771E+00	-0.52845E+00	-0.62995E-02	0.66953E+00
48	-0.12892E+00	-0.25992E+00	-0.10989E+00	-0.54334E+00	-0.32964E-01	0.67369E+00
49	-0.70531E-01	-0.22962E+00	-0.86209E-01	-0.54813E+00	-0.72382E-01	0.69009E+00
50	0.26236E+00	-0.10089E+00	0.83700E-01	-0.49243E+00	-0.24583E+00	0.51230E+00
51	0.56201E-01	0.11118E-01	0.81873E-01	-0.22467E-01	-0.36287E-01	0.41715E+00
52	-0.92561E-01	-0.32060E+00	-0.12495E+00	0.69359E-01	-0.12832E+00	-0.33214E+00
53	-0.24868E-01	-0.24901E+00	-0.11000E+00	-0.46348E+00	-0.47718E-01	0.47371E+00
54	-0.16244E+00	-0.30844E+00	-0.18039E+00	-0.98476E+00	0.11431E-02	0.10357E+01

55	-0.11218E+00	-0.31921E+00	-0.15603E+00	-0.37607E+00	0.40885E-03	0.89345E+00
56	0.59319E-01	-0.20323E+00	-0.37951E-01	-0.72186E+00	0.91349E-03	0.73439E+00
57	-0.40559E-01	-0.24034E+00	-0.98283E-01	-0.59466E+00	0.78421E-03	0.59864E+00
58	-0.37938E-01	-0.20602E+00	-0.89943E-01	-0.45675E+00	-0.15588E-02	0.46198E+00
59	-0.22046E+00	-0.33580E+00	-0.21534E+00	-0.96717E+00	-0.25571E-02	0.10406E+01
60	-0.89866E-01	-0.21942E+00	-0.10691E+00	-0.93851E+00	0.31427E-03	0.10527E+01
61	-0.13355E+00	-0.24585E+00	-0.12930E+00	-0.93180E+00	0.17112E-01	0.10515E+01
62	-0.10835E+00	-0.17166E+00	-0.99224E-01	-0.93313E+00	-0.45648E-02	0.10918E+01
63	-0.11141E+00	-0.28341E+00	-0.12635E+00	-0.85125E+00	0.94263E-02	0.91130E+00
64	-0.64326E-01	-0.18049E+00	-0.55034E-01	-0.83325E+00	0.11609E-01	0.93488E+00
65	0.26825E-01	-0.29021E+00	-0.18501E-01	-0.68911E+00	0.46919E-01	0.73218E+00
66	0.74026E-01	-0.18855E+00	0.50113E-01	-0.68255E+00	0.38074E-01	0.72693E+00
67	0.81362E-01	-0.95592E-01	0.99042E-01	-0.66037E+00	0.17709E-01	0.75145E+00
68	-0.44670E-01	-0.22014E+00	-0.70841E-01	-0.56269E+00	0.46365E-01	0.58577E+00
69	-0.22269E-01	-0.20287E+00	-0.36645E-01	-0.56354E+00	0.22621E-01	0.62175E+00
70	0.94571E-01	-0.83951E-01	0.70110E-01	-0.53560E+00	-0.16117E-02	0.56885E+00
71	-0.13417E-01	-0.18148E+00	-0.42365E-01	-0.44172E+00	0.48450E-01	0.45477E+00
72	0.59142E-01	-0.12611E+00	0.33725E-01	-0.43450E+00	0.33888E-02	0.45932E+00
73	-0.26919E-01	-0.65812E-01	-0.26826E-01	-0.90662E+00	-0.14003E-01	0.10225E+01
74	0.20303E-01	-0.41953E-01	0.16826E-01	-0.30876E+00	-0.38934E-01	0.87275E+00
75	0.10307E+00	-0.19547E-01	0.81292E-01	-0.63817E+00	-0.10745E+00	0.66279E+00
76	0.81151E-01	-0.96715E-01	0.51621E-01	-0.54544E+00	-0.83612E-01	0.56373E+00
77	0.12541E+00	0.53323E-01	0.10863E+00	-0.48311E+00	-0.68331E-01	0.52146E+00
78	0.22777E+00	0.15976E+00	0.17162E+00	-0.41717E+00	-0.95524E-01	0.34775E+00
79	0.17117E+00	-0.19803E-01	0.11068E+00	-0.38292E+00	-0.93866E-01	0.39365E+00
80	0.38422E+00	0.14397E+00	0.23996E+00	-0.31803E+00	-0.15740E+00	0.32405E+00
81	0.15694E+00	0.52794E-01	0.10149E+00	-0.21326E+00	-0.95878E-01	0.13736E+00
82	0.28693E+00	0.19319E+00	0.19604E+00	-0.17226E+00	-0.11920E+00	0.11112E+00
83	0.34411E+00	0.86164E-01	0.19748E+00	-0.22916E+00	-0.15622E+00	0.18557E+00
84	0.27262E+00	0.43681E-01	0.16495E+00	-0.25328E+00	-0.11186E+00	0.23048E+00
85	0.23564E+00	-0.10902E-01	0.14044E+00	-0.27497E+00	-0.10863E+00	0.24613E+00
86	0.27019E+00	0.47440E-01	0.16857E+00	-0.15615E+00	-0.10542E+00	0.12161E+00
87	0.62929E-01	-0.11187E+00	0.38980E-01	-0.29577E+00	0.71771E-02	0.34091E+00
88	0.36732E-01	-0.10749E+00	0.37323E-02	-0.29415E+00	0.51392E-01	0.29927E+00
89	0.47457E-01	-0.78414E-01	0.67126E-02	-0.20953E+00	0.55825E-01	0.20325E+00
90	0.82887E-01	-0.82231E-01	0.31700E-01	-0.16163E+00	0.38164E-01	0.13111E+00
91	0.84556E-01	-0.31545E-02	0.36976E-01	-0.10762E+00	0.53356E-01	0.10867E+00
92	0.94905E-01	0.18731E-01	0.40963E-01	-0.45936E-01	0.56537E-01	0.31195E-01
93	-0.65724E-02	-0.26430E+00	-0.11217E+00	-0.32354E+00	-0.48541E-01	0.34131E+00
94	0.63047E-02	-0.15341E+00	-0.59964E-01	-0.32998E+00	-0.15555E-01	0.37029E+00
95	-0.65361E-01	-0.68724E-01	-0.65241E-01	-0.22259E+00	0.22189E-02	0.24617E+00
96	-0.19272E-01	-0.15354E+00	-0.71959E-01	-0.31302E+00	-0.68644E-02	0.29189E+00
97	-0.76479E-01	-0.80586E-01	-0.80675E-01	-0.21759E+00	0.44765E-02	0.17979E+00
98	-0.50723E-01	-0.82615E-01	-0.70837E-01	-0.20336E+00	0.14837E-01	0.19827E+00
99	-0.14245E-01	-0.13237E+00	-0.67725E-01	-0.23666E+00	0.42408E-02	0.21119E+00
100	-0.51790E-01	-0.84173E-01	-0.80019E-01	-0.14480E+00	0.17706E-01	0.11838E+00
101	-0.26534E-01	-0.42636E-01	-0.66437E-01	-0.95315E-01	0.22380E-01	0.75193E-01
102	-0.27290E-01	-0.44750E-01	-0.69701E-01	-0.76939E-01	0.16228E-01	0.37093E-01
103	-0.39485E-01	-0.17619E-01	-0.77901E-01	-0.34444E-01	0.22737E-01	0.31712E-01
104	-0.25769E-01	0.60095E-02	-0.67238E-01	-0.41629E-02	0.24264E-01	0.59941E-02
105	0.37766E-01	-0.18739E+00	-0.59815E-01	-0.30044E+00	-0.13625E+00	0.33668E+00
106	0.20128E+00	0.66093E-01	0.14446E+00	-0.36744E-01	-0.17398E+00	0.14234E+00
107	0.79396E-01	-0.53397E-01	0.39908E-01	-0.16761E+00	-0.16140E+00	0.24962E+00
108	0.27011E-01	-0.52550E-01	0.13078E-01	-0.17329E+00	-0.14708E+00	0.24644E+00
109	0.19854E-01	-0.47570E-01	0.25007E-01	-0.77021E-01	-0.14305E+00	0.14212E+00
110	-0.16354E+00	-0.19603E+00	-0.11957E+00	-0.21990E+00	-0.12331E+00	0.23196E+00
111	-0.22702E+00	-0.18800E+00	-0.13161E+00	-0.16427E+00	-0.10302E+00	0.12082E+00
112	-0.22979E+00	-0.18818E+00	-0.13226E+00	-0.23663E+00	-0.10108E+00	0.11831E+00
113	-0.23556E+00	-0.17331E+00	-0.15794E+00	-0.24310E+00	-0.70754E-01	0.24953E+00
114	-0.27427E+00	-0.21314E+00	-0.17428E+00	-0.20638E+00	-0.53220E-01	0.11397E+00

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115	-0.28123E+00	-0.21330E+00	-0.19116E+00	-0.32453E+00	-0.48288E-01	0.10875E+00
116	-0.17016E+00	-0.14133E+00	-0.13886E+00	-0.23644E+00	-0.21762E-01	0.18343E+00
117	-0.14540E+00	-0.12909E+00	-0.12800E+00	-0.25842E+00	0.96351E-03	0.99816E-01
118	-0.15217E+00	-0.12910E+00	-0.14492E+00	-0.20816E+00	0.60367E-02	0.90822E-01
119	-0.96634E-01	-0.96257E-01	-0.11620E+00	-0.16406E+00	0.17400E-01	0.12542E+00
120	-0.10386E+00	-0.98094E-01	-0.12957E+00	-0.16296E+00	0.32685E-01	0.79774E-01
121	-0.10690E+00	-0.96703E-01	-0.13850E+00	-0.12641E+00	0.35641E-01	0.69343E-01
122	-0.88738E-01	-0.92418E-01	-0.12369E+00	-0.10913E+00	0.38435E-01	0.80295E-01
123	-0.11425E+00	-0.99422E-01	-0.15312E+00	-0.91818E-01	0.48616E-01	0.57328E-01
124	-0.11433E+00	-0.96573E-01	-0.15617E+00	-0.60910E-01	0.50100E-01	0.46367E-01
125	-0.58287E-01	-0.35797E-01	-0.10454E+00	-0.43502E-01	0.46137E-01	0.35853E-01
126	-0.11129E+00	-0.92368E-01	-0.15859E+00	-0.29765E-01	0.50922E-01	0.32503E-01
127	-0.10954E+00	-0.88696E-01	-0.15787E+00	-0.20934E-01	0.51441E-01	0.25286E-01
128	-0.81015E-01	-0.51123E-01	-0.13004E+00	-0.88710E-02	0.48695E-01	0.12355E-01
129	-0.12318E+00	-0.97322E-01	-0.17164E+00	0.10620E-02	0.51095E-01	0.94934E-02
183	0.66534E-01	-0.23975E+00	-0.67623E-01	-0.47342E+00	-0.14018E+00	0.51132E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.31796E-01	0.21197E+00	-0.18017E+00	-0.57504E+01	0.13277E+00	0.26388E+01
131	0.34830E-02	0.23220E-01	-0.19737E-01	-0.15385E+02	0.11175E+00	0.78064E+01
132	0.38727E-01	0.25818E+00	-0.21945E+00	-0.26607E+02	0.54727E+00	0.14179E+02
133	0.29866E-01	0.19910E+00	-0.16924E+00	-0.39979E+02	0.12189E+01	0.21871E+02
134	0.69883E-01	0.46589E+00	-0.39600E+00	-0.55476E+02	0.22764E+01	0.31623E+02
135	0.10070E+00	0.67133E+00	-0.57063E+00	-0.63936E+02	0.31580E+01	0.40692E+02
136	0.68114E-01	0.45409E+00	-0.38598E+00	-0.77875E+02	0.36130E+01	0.46722E+02
137	0.75485E-01	0.50323E+00	-0.42775E+00	-0.74988E+02	0.55839E+01	0.49548E+02
138	0.93289E-01	0.62193E+00	-0.46895E+00	-0.77175E+02	0.15475E+02	0.53341E+02
139	-0.15380E+00	-0.10253E+01	0.10899E+01	-0.75700E+02	0.35503E+02	0.56531E+02
140	-0.50145E+00	-0.33430E+01	0.28416E+01	-0.98811E+02	0.42943E+02	0.64171E+02
141	-0.47276E+00	-0.31517E+01	0.26789E+01	-0.10021E+03	0.43814E+02	0.68091E+02
142	-0.57302E+00	-0.33201E+01	0.32471E+01	-0.10496E+03	0.43868E+02	0.71856E+02
143	-0.57910E+00	-0.33607E+01	0.32816E+01	0.30413E+02	0.64044E+02	-0.48072E+02
144	-0.53941E+00	-0.35961E+01	0.30567E+01	0.29759E+02	0.62618E+02	-0.44340E+02
145	0.11462E+00	0.76417E+00	0.28614E-02	-0.31745E+02	0.43260E+02	-0.12377E+03
146	0.47074E-01	0.31383E+00	-0.34404E+00	-0.41600E+02	0.30084E+02	-0.11173E+03
147	0.48198E-01	0.32132E+00	-0.32844E+00	-0.38477E+02	0.31419E+02	-0.10893E+03
148	0.49293E-01	0.32862E+00	0.43248E+00	-0.37383E+02	0.32429E+02	-0.10918E+03
149	0.50430E-01	0.33620E+00	0.41005E+00	-0.36833E+02	0.33388E+02	-0.11177E+03
150	0.57317E-01	0.38211E+00	0.33968E+00	-0.29435E+02	0.36815E+02	-0.10775E+03
151	0.66841E-01	0.44560E+00	0.29118E+01	-0.26789E+02	0.40910E+02	-0.10988E+03
152	0.57293E-01	0.38195E+00	0.48296E+01	-0.25135E+02	0.34740E+02	-0.10777E+03
153	0.44247E-01	0.29498E+00	0.41578E+01	-0.20931E+02	0.26602E+02	-0.10391E+03
154	0.19965E-01	0.13310E+00	0.72845E+01	-0.16708E+02	0.10914E+02	-0.99349E+02
155	-0.12428E-01	-0.82851E-01	0.56574E+01	-0.16199E+02	-0.10783E+02	-0.91270E+02
156	-0.37406E-01	-0.24938E+00	0.44220E+01	-0.11618E+02	-0.26886E+02	-0.83267E+02
157	-0.56601E-01	-0.37734E+00	0.33204E+01	-0.94015E+01	-0.39456E+02	-0.73260E+02
158	-0.71158E-01	-0.47439E+00	0.24549E+01	-0.62396E+01	-0.48766E+02	-0.63885E+02
159	-0.81860E-01	-0.54574E+00	0.16083E+01	-0.27528E+01	-0.55437E+02	-0.52993E+02
160	-0.89171E-01	-0.59447E+00	0.89412E+00	-0.40582E+00	-0.59999E+02	-0.43073E+02
161	-0.10350E+00	-0.69003E+00	0.29722E+00	0.21789E+01	-0.64030E+02	-0.31838E+02
162	-0.10827E+00	-0.72182E+00	0.11238E+00	0.38249E+01	-0.63392E+02	-0.23942E+02
163	-0.12761E+00	-0.85073E+00	-0.14592E+00	0.32740E+01	-0.74897E+02	-0.18286E+02
164	-0.13107E+00	-0.87379E+00	-0.27500E+00	0.55364E+01	-0.76602E+02	-0.11815E+02

165	-0.84347E+02	-0.13538E+02	-0.62471E+00	-0.52647E+01	-0.79427E+02	-0.85134E+01
166	-0.70267E+02	-0.10398E+02	-0.38807E+00	-0.41455E+01	-0.74177E+02	-0.75248E+01
167	-0.57013E+02	-0.77980E+01	-0.37705E+00	-0.34688E+01	-0.63639E+02	-0.67009E+01
168	-0.44696E+02	-0.57499E+01	-0.10448E+01	-0.27857E+01	-0.52790E+02	-0.59943E+01
169	-0.29761E+02	-0.31406E+01	-0.13719E+01	-0.21376E+01	-0.45463E+02	-0.51915E+01
170	-0.14631E+02	-0.30351E+00	-0.19077E+01	-0.13915E+01	-0.40690E+02	-0.42662E+01
171	0.11412E+01	0.24767E+01	-0.22635E+01	-0.37534E+00	-0.31585E+02	-0.29757E+01
172	0.11148E+02	0.39000E+01	-0.21400E+01	0.69825E+00	-0.19158E+02	-0.16167E+01
173	0.12205E+02	0.33074E+01	-0.13894E+01	0.13491E+01	-0.80951E+01	-0.73792E+00
174	0.75047E+01	0.16972E+01	-0.52017E+00	0.15369E+01	0.20093E-01	-0.28778E+00
175	0.19266E+01	0.26669E+00	0.26015E-01	0.12842E+01	0.19235E+01	-0.31653E+00
176	-0.17222E+00	-0.11908E+00	0.86305E-01	0.93372E+00	0.77322E+00	-0.44789E+00
177	-0.30204E+00	-0.81525E-01	0.33206E-01	0.67067E+00	-0.16446E-01	-0.41823E+00
178	-0.60505E-01	-0.13532E-01	0.44344E-02	0.47575E+00	-0.13459E+00	-0.30352E+00
179	-0.32918E-02	-0.75909E-03	0.62043E-03	0.34920E+00	-0.10916E+00	-0.21914E+00
180	-0.17726E-03	0.40127E-02	-0.33663E-02	0.22333E+00	-0.61399E-01	-0.13441E+00
181	0.52538E-02	0.50659E-03	0.39304E-03	0.11412E+00	-0.24774E-01	-0.55829E-01
182	-0.17746E-01	-0.82339E-02	0.48496E-02	0.14650E-01	-0.11838E-01	-0.93962E-02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9000E+00 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	-0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.87351E-02	0.17301E-04	0.87633E-02	0.00000E+00
3	-0.16317E-01	-0.15744E-05	0.16312E-01	0.00000E+00
4	-0.18221E-01	-0.99393E-05	0.18200E-01	0.00000E+00
5	-0.20208E-01	-0.28433E-05	0.20806E-01	0.00000E+00
6	-0.22511E-01	-0.15970E-05	0.22511E-01	0.00000E+00
7	-0.20330E-01	-0.17368E-03	0.20833E-01	0.00000E+00
8	-0.22560E-01	-0.14577E-03	0.22572E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.86097E-02	-0.10547E-03	0.85761E-02	0.00000E+00
11	-0.16149E-01	-0.22784E-03	0.16124E-01	0.00000E+00
12	-0.18102E-01	-0.27720E-03	0.18112E-01	0.00000E+00
13	-0.20853E-01	-0.27410E-03	0.20857E-01	0.00000E+00
14	-0.22681E-01	-0.24512E-03	0.22740E-01	0.00000E+00
15	-0.20972E-01	-0.52043E-03	0.21087E-01	0.00000E+00
16	-0.22887E-01	-0.43821E-03	0.23030E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.84313E-02	-0.22677E-03	0.84887E-02	0.00000E+00
19	-0.16006E-01	-0.53131E-03	0.16103E-01	0.00000E+00
20	-0.18085E-01	-0.66581E-03	0.18204E-01	0.00000E+00
21	-0.21085E-01	-0.67633E-03	0.21251E-01	0.00000E+00
22	-0.23190E-01	-0.61192E-03	0.23459E-01	0.00000E+00
23	-0.21254E-01	-0.10563E-02	0.21508E-01	0.00000E+00
24	-0.23603E-01	-0.93937E-03	0.24061E-01	0.00000E+00
25	-0.23853E-01	-0.12459E-02	0.24443E-01	0.00000E+00
26	-0.24004E-01	-0.13502E-02	0.24675E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.80803E-02	-0.29863E-03	0.80497E-02	0.00000E+00
29	-0.15550E-01	-0.76183E-03	0.15499E-01	0.00000E+00
30	-0.17778E-01	-0.10318E-02	0.17771E-01	0.00000E+00
31	-0.21202E-01	-0.13145E-02	0.21555E-01	0.00000E+00
32	-0.24151E-01	-0.14502E-02	0.24920E-01	0.00000E+00
33	-0.21144E-01	-0.13838E-02	0.21484E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.79414E-02	-0.26408E-03	0.77852E-02	0.00000E+00
36	-0.15338E-01	-0.70665E-03	0.15053E-01	0.00000E+00
37	-0.17558E-01	-0.95984E-03	0.17248E-01	0.00000E+00
38	-0.21087E-01	-0.12868E-02	0.21308E-01	0.00000E+00
39	-0.24347E-01	-0.15233E-02	0.25295E-01	0.00000E+00
40	-0.24308E-01	-0.15187E-02	0.25215E-01	0.00000E+00
41	-0.24269E-01	-0.15140E-02	0.25140E-01	0.00000E+00
42	-0.24227E-01	-0.15044E-02	0.25048E-01	0.00000E+00
43	-0.17116E-01	-0.77388E-03	0.15741E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.73335E-02	-0.21449E-03	0.62760E-02	0.00000E+00
46	-0.14340E-01	-0.53516E-03	0.12116E-01	0.00000E+00
47	-0.24356E-01	-0.15234E-02	0.25306E-01	0.00000E+00
48	-0.24360E-01	-0.15234E-02	0.25321E-01	0.00000E+00
49	-0.21059E-01	-0.12483E-02	0.21205E-01	0.00000E+00
50	-0.24375E-01	-0.15318E-02	0.25395E-01	0.00000E+00
51	-0.20572E-01	-0.10653E-02	0.19204E-01	0.00000E+00
52	-0.23667E-01	-0.16427E-02	0.22424E-01	0.00000E+00
53	-0.24343E-01	-0.15220E-02	0.25257E-01	0.00000E+00
54	-0.16438E-01	-0.77305E-03	0.13872E-01	0.00000E+00
55	-0.19793E-01	-0.11082E-02	0.16806E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.65061E-02	-0.72362E-04	0.40722E-02	0.00000E+00
58	-0.12698E-01	-0.48521E-03	0.83046E-02	0.00000E+00
59	-0.22522E-01	-0.15051E-02	0.19215E-01	0.00000E+00
60	-0.23365E-01	-0.15993E-02	0.21499E-01	0.00000E+00
61	-0.24330E-01	-0.15387E-02	0.25438E-01	0.00000E+00
62	-0.14870E-01	-0.67101E-03	0.95177E-02	0.00000E+00
63	-0.17734E-01	-0.96675E-03	0.11425E-01	0.00000E+00
64	-0.23812E-01	-0.16574E-02	0.22577E-01	0.00000E+00
65	-0.24384E-01	-0.15452E-02	0.25480E-01	0.00000E+00
66	-0.24419E-01	-0.15580E-02	0.25564E-01	0.00000E+00
67	-0.24454E-01	-0.15710E-02	0.25649E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.57436E-02	-0.12129E-03	0.18685E-02	0.00000E+00
70	-0.11163E-01	-0.18693E-03	0.37781E-02	0.00000E+00
71	-0.20522E-01	-0.12648E-02	0.13379E-01	0.00000E+00
72	-0.23812E-01	-0.17200E-02	0.21945E-01	0.00000E+00
73	-0.15529E-01	-0.51069E-03	0.54960E-02	0.00000E+00
74	-0.24609E-01	-0.18294E-02	0.22645E-01	0.00000E+00
75	-0.24484E-01	-0.15808E-02	0.25728E-01	0.00000E+00
76	-0.24672E-01	-0.15981E-02	0.25868E-01	0.00000E+00
77	-0.17964E-01	-0.77271E-03	0.65431E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.49975E-02	0.27399E-04	-0.22687E-03	0.00000E+00
80	-0.94938E-02	0.15593E-04	-0.60127E-03	0.00000E+00
81	-0.10836E-01	0.29337E-04	-0.70254E-03	0.00000E+00
82	-0.13076E-01	-0.11128E-03	-0.45265E-03	0.00000E+00
83	-0.23036E-01	-0.16325E-02	0.15320E-01	0.00000E+00
84	-0.18399E-01	-0.64604E-03	0.27270E-02	0.00000E+00
85	-0.25070E-01	-0.16203E-02	0.26053E-01	0.00000E+00
86	-0.25429E-01	-0.18795E-02	0.23420E-01	0.00000E+00
87	-0.15223E-01	-0.25989E-03	0.65909E-04	0.00000E+00
88	-0.24542E-01	-0.17939E-02	0.19570E-01	0.00000E+00
89	-0.25425E-01	-0.16397E-02	0.26232E-01	0.00000E+00
90	-0.86072E-02	0.97732E-04	-0.89072E-02	0.00000E+00
91	-0.96685E-02	0.55583E-04	-0.97705E-02	0.00000E+00
92	-0.10534E-01	0.73479E-05	-0.99100E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.17489E-02	0.00000E+00	-0.72584E-02	0.00000E+00
95	-0.35998E-02	0.00000E+00	-0.13117E-01	0.00000E+00
96	-0.41504E-02	0.00000E+00	-0.14457E-01	0.00000E+00
97	-0.50741E-02	0.00000E+00	-0.15384E-01	0.00000E+00
98	-0.54944E-02	0.00000E+00	-0.15552E-01	0.00000E+00
99	-0.74176E-02	0.12097E-03	-0.12533E-01	0.00000E+00
100	-0.12186E-01	-0.10315E-03	-0.80942E-02	0.00000E+00
101	-0.20941E-01	-0.95211E-03	0.36977E-02	0.00000E+00
102	-0.26363E-01	-0.16620E-02	0.26489E-01	0.00000E+00
103	-0.24558E-01	-0.18548E-02	0.16380E-01	0.00000E+00
104	-0.26876E-01	-0.19703E-02	0.24458E-01	0.00000E+00
105	-0.27134E-01	-0.16803E-02	0.26723E-01	0.00000E+00
106	-0.25657E-01	-0.20038E-02	0.17191E-01	0.00000E+00
107	-0.27941E-01	-0.20831E-02	0.25191E-01	0.00000E+00
108	-0.27795E-01	-0.16905E-02	0.26933E-01	0.00000E+00
109	-0.28315E-01	-0.16964E-02	0.27110E-01	0.00000E+00
110	-0.27234E-01	-0.22177E-02	0.18307E-01	0.00000E+00
111	-0.28771E-01	-0.21886E-02	0.25763E-01	0.00000E+00
112	-0.28746E-01	-0.16970E-02	0.27256E-01	0.00000E+00
113	-0.27674E-01	-0.21774E-02	0.20076E-01	0.00000E+00
114	-0.29039E-01	-0.16899E-02	0.27363E-01	0.00000E+00
115	-0.29235E-01	-0.16796E-02	0.27433E-01	0.00000E+00
116	-0.29304E-01	-0.16662E-02	0.27455E-01	0.00000E+00

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117	-0.29059E-01	-0.21637E-02	0.25991E-01	0.00000E+00
118	-0.29303E-01	-0.16589E-02	0.27452E-01	0.00000E+00
119	-0.29271E-01	-0.16449E-02	0.27423E-01	0.00000E+00
120	-0.29203E-01	-0.21163E-02	0.26193E-01	0.00000E+00
121	-0.29214E-01	-0.16244E-02	0.27377E-01	0.00000E+00
122	-0.29212E-01	-0.16037E-02	0.27409E-01	-0.51608E-05
123	-0.29196E-01	-0.15584E-02	0.27431E-01	-0.94664E-05
124	-0.29168E-01	-0.14841E-02	0.27453E-01	-0.14761E-04
125	-0.29117E-01	-0.13726E-02	0.27475E-01	-0.21670E-04
126	-0.28988E-01	-0.10991E-02	0.27512E-01	-0.31619E-04
127	-0.28824E-01	-0.75426E-03	0.27546E-01	-0.36183E-04
128	-0.28466E-01	0.45067E-04	0.27617E-01	-0.34149E-04
129	-0.28189E-01	0.70547E-03	0.27682E-01	-0.25156E-04
130	-0.28002E-01	0.11922E-02	0.27752E-01	-0.12573E-04
131	-0.27953E-01	0.13551E-02	0.27860E-01	0.29871E-05
132	-0.28049E-01	0.10605E-02	0.27957E-01	0.85125E-05
133	-0.28150E-01	0.69728E-03	0.28046E-01	0.71022E-05
134	-0.28205E-01	0.46410E-03	0.28119E-01	0.38405E-05
135	-0.28228E-01	0.35326E-03	0.28178E-01	0.21356E-05
136	-0.28243E-01	0.25373E-03	0.28221E-01	0.26385E-05
137	-0.28254E-01	0.14224E-03	0.28248E-01	0.26980E-05
138	-0.28262E-01	0.22231E-04	0.28262E-01	0.29272E-05
139	-0.28262E-01	0.27018E-05	0.28262E-01	0.27110E-05

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ARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC 3 .01 FOR DT)

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9000E+00

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.63600E-02	-0.13990E-01	-0.36189E-02	-0.10646E+01	-0.69481E-02	0.10630E+01
2	0.27177E-01	-0.12497E-01	0.20020E-02	-0.93742E+00	-0.12952E-01	0.93466E+00
3	0.53381E-01	-0.10554E-01	0.31600E-02	-0.74606E+00	-0.17376E-01	0.75020E+00
4	-0.27186E-01	-0.13639E-01	-0.26299E-01	-0.59242E+00	0.83559E-02	0.59734E+00
5	0.30869E-01	-0.23851E-02	0.88400E-02	-0.60160E+00	-0.70474E-02	0.60774E+00
6	-0.20678E-01	-0.11089E-01	-0.11750E-01	-0.61267E+00	0.39712E-02	0.62091E+00
7	-0.27303E-01	-0.35639E-02	-0.67773E-02	-0.41372E+00	0.66969E-02	0.41444E+00
8	-0.43379E-01	-0.45544E-02	-0.12634E-01	-0.41675E+00	0.14953E-01	0.43119E+00
9	-0.39101E-01	-0.93340E-01	-0.52126E-01	-0.10460E+01	-0.36425E-02	0.10471E+01
10	-0.25788E-01	-0.10254E+00	-0.47926E-01	-0.93986E+00	-0.53425E-02	0.94045E+00
11	0.15868E-02	-0.91399E-01	-0.14111E-01	-0.79334E+00	0.52969E-03	0.79309E+00
12	-0.11347E+00	-0.69213E-01	-0.64272E-01	-0.63902E+00	0.38413E-01	0.62237E+00
13	-0.10252E-01	-0.35821E-01	-0.50968E-02	-0.65799E+00	0.35606E-02	0.66397E+00
14	-0.10531E+00	-0.69032E-01	-0.51326E-01	-0.67818E+00	0.23058E-01	0.69076E+00
15	-0.10299E+00	-0.19420E-01	-0.32792E-01	-0.45922E+00	0.41168E-01	0.45543E+00
16	-0.12363E+00	-0.15726E-01	-0.30717E-01	-0.48030E+00	0.44642E-01	0.49414E+00
17	-0.48284E-01	-0.13894E+00	-0.74317E-01	-0.10117E+01	-0.16743E-01	0.10147E+01
18	-0.31847E-02	-0.15778E+00	-0.62338E-01	-0.93080E+00	-0.39842E-01	0.93441E+00
19	0.93312E-01	-0.16982E+00	-0.16710E-01	-0.83452E+00	-0.80544E-01	0.84730E+00
20	-0.16223E+00	-0.10575E+00	-0.86208E-01	-0.71863E+00	0.38902E-01	0.69350E+00
21	-0.62837E-03	-0.14621E+00	-0.46423E-01	-0.75199E+00	-0.42973E-01	0.79524E+00
22	-0.16489E+00	-0.30564E+00	-0.17043E+00	-0.78718E+00	0.19225E-02	0.85595E+00
23	-0.18815E+00	-0.42344E-01	-0.59960E-01	-0.56303E+00	0.66062E-01	0.56653E+00
24	-0.37611E+00	-0.14317E+00	-0.16525E+00	-0.63726E+00	0.12255E+00	0.61006E+00
25	-0.19076E+00	-0.16456E+00	-0.99789E-01	-0.65533E+00	0.46092E-01	0.70974E+00
26	-0.65238E+00	-0.51205E+00	-0.41488E+00	-0.72929E+00	0.15003E+00	0.79598E+00
27	-0.43411E-01	-0.14440E+00	-0.77871E-01	-0.97497E+00	-0.30496E-01	0.97108E+00
28	0.17824E-01	-0.17683E+00	-0.72423E-01	-0.89782E+00	-0.81814E-01	0.91160E+00
29	0.20601E+00	-0.19250E+00	-0.16437E+00	-0.78504E+00	-0.22392E+00	0.86055E+00
30	-0.29638E-01	-0.21497E+00	-0.79023E-01	-0.77936E+00	-0.45315E-01	0.85650E+00
31	0.36238E-01	-0.25639E+00	-0.37673E-01	-0.73378E+00	-0.14806E+00	0.89562E+00
32	-0.70061E-01	-0.27979E+00	-0.13350E+00	-0.70714E+00	-0.10607E+00	0.91308E+00
33	-0.45990E+00	-0.39893E+00	-0.29662E+00	-0.74384E+00	0.74722E-01	0.84183E+00
34	-0.10733E+01	-0.79414E+00	-0.69265E+00	-0.76799E+00	0.22672E+00	0.92219E+00
35	-0.32136E+00	-0.29322E+00	-0.18976E+00	-0.75783E+00	0.69048E-01	0.92163E+00
36	0.81819E-01	-0.74515E-01	0.40928E-01	-0.71128E+00	-0.11734E+00	0.95813E+00
37	-0.42929E+00	-0.45074E+00	-0.29911E+00	-0.79032E+00	0.74847E-01	0.99904E+00
38	-0.13109E-01	-0.11419E+00	-0.67654E-01	-0.93173E+00	-0.46897E-01	0.86165E+00
39	0.77826E-01	-0.12803E+00	-0.71401E-01	-0.87244E+00	-0.13742E+00	0.80952E+00
40	0.25138E+00	-0.18198E+00	-0.53423E-01	-0.76329E+00	-0.39358E+00	0.84022E+00
41	0.32646E+00	-0.69290E-01	-0.55431E-01	-0.81105E+00	-0.36050E+00	0.81739E+00
42	0.42361E+00	-0.13110E+00	-0.10465E+00	-0.76780E+00	-0.44982E+00	0.66895E+00
43	0.12028E+00	-0.13529E+00	-0.29919E-01	-0.72767E+00	-0.22399E+00	0.92097E+00
44	0.19946E+00	-0.10197E+00	-0.19923E-01	-0.71540E+00	-0.34278E+00	0.77535E+00
45	0.35568E+00	-0.26380E-01	0.12822E-01	-0.75577E+00	-0.35468E+00	0.77217E+00
46	0.18701E+00	-0.18293E+00	-0.13597E+00	-0.72596E+00	-0.26039E+00	0.65453E+00
47	-0.12506E+00	-0.26370E+00	-0.11258E+00	-0.74804E+00	-0.85591E-01	0.10106E+01
48	-0.10402E+00	-0.26552E+00	-0.96460E-01	-0.79339E+00	-0.73968E-01	0.10256E+01
49	0.10274E+00	-0.17733E+00	-0.12326E-01	-0.79216E+00	-0.26805E+00	0.11111E+01
50	0.73731E+00	0.56378E-01	0.27926E+00	-0.68436E+00	-0.67565E+00	0.73165E+00
51	0.11944E+00	0.53903E-01	0.14272E+00	-0.32460E-01	-0.81823E-01	0.20032E+00
52	0.24683E+00	-0.91276E-01	0.91670E-01	0.28324E+00	-0.37827E+00	-0.12170E+01
53	0.33147E+00	-0.18716E+00	-0.86063E-01	-0.61984E+00	-0.40087E+00	0.61712E+00
54	0.57974E-01	-0.37764E-01	-0.29674E-01	-0.84054E+00	-0.67319E-01	0.63350E+00

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55	0.16056E+00	-0.99467E-01	-0.35443E-01	-0.81174E+00	-0.13075E+00	0.62061E+00
56	0.43516E+00	-0.11157E+00	-0.18386E+00	-0.73505E+00	-0.48505E+00	0.56339E+00
57	0.34147E+00	-0.10526E+00	-0.12615E+00	-0.66859E+00	-0.34308E+00	0.54054E+00
58	0.37989E+00	-0.11817E+00	-0.14832E+00	-0.57573E+00	-0.39569E+00	0.49474E+00
59	-0.73025E-01	-0.95713E-01	-0.99349E-01	-0.79518E+00	0.10662E-01	0.49803E+00
60	0.17185E+00	0.30380E-01	0.78693E-02	-0.70559E+00	-0.13553E+00	0.22917E+00
61	0.13376E+00	-0.53132E-02	-0.43273E-01	-0.69109E+00	-0.11986E+00	0.22872E+00
62	-0.60495E-01	-0.53795E-01	-0.97441E-01	-0.61081E+00	0.18473E-01	-0.27826E-01
63	0.19924E+00	-0.42432E-01	-0.10063E+00	-0.71266E+00	-0.18844E+00	0.37810E+00
64	0.22230E+00	0.36107E-01	-0.98907E-01	-0.59336E+00	-0.16517E+00	0.94537E-01
65	0.56098E+00	-0.84382E-01	-0.25181E+00	-0.67921E+00	-0.51205E+00	0.45658E+00
66	0.67670E+00	-0.13092E-01	-0.29489E+00	-0.56845E+00	-0.55950E+00	0.23731E+00
67	0.55354E+00	0.75888E-01	-0.34472E+00	-0.46068E+00	-0.43706E+00	-0.36128E-01
68	0.46603E+00	-0.52966E-01	-0.14995E+00	-0.59183E+00	-0.40129E+00	0.42441E+00
69	0.38616E+00	-0.45711E-01	-0.21246E+00	-0.54938E+00	-0.31836E+00	0.24115E+00
70	0.56667E+00	0.80620E-01	-0.15177E+00	-0.45073E+00	-0.36837E+00	0.56620E-01
71	0.48164E+00	-0.56872E-01	-0.19910E+00	-0.51931E+00	-0.42138E+00	0.33839E+00
72	0.52525E+00	-0.10808E-01	-0.24388E+00	-0.45678E+00	-0.37744E+00	0.17493E+00
73	0.72504E-01	0.16295E-01	-0.43489E-01	-0.41253E+00	-0.36239E-01	-0.45749E+00
74	0.17469E+00	0.55380E-02	-0.15579E+00	-0.33858E+00	-0.97797E-01	-0.38099E+00
75	0.47250E+00	0.16115E-01	-0.44070E+00	-0.34696E+00	-0.25574E+00	-0.26439E+00
76	0.41524E+00	-0.30042E-01	-0.27999E+00	-0.47529E+00	-0.21091E+00	0.54086E-01
77	0.34552E+00	0.91779E-01	-0.24201E+00	-0.24198E+00	-0.14911E+00	-0.28802E+00
78	0.30063E+00	-0.55658E-02	-0.31455E+00	-0.20438E+00	-0.12615E+00	-0.20105E+00
79	0.53055E+00	0.54879E-01	-0.24870E+00	-0.33614E+00	-0.22385E+00	-0.36772E-01
80	0.52603E+00	0.90936E-01	-0.23476E+00	-0.22389E+00	-0.83837E-01	-0.18787E+00
81	0.32360E+00	0.47488E-01	-0.30969E+00	-0.10475E+00	-0.11700E+00	-0.12957E+00
82	0.28792E+00	-0.25384E-01	-0.35138E+00	-0.10092E+00	-0.82877E-01	-0.36735E-01
83	0.47410E+00	0.30756E-01	-0.30439E+00	-0.23439E+00	-0.74983E-01	-0.39306E-01
84	0.63908E+00	0.11708E+00	-0.22637E+00	-0.24003E+00	-0.22938E+00	-0.73709E-01
85	0.69074E+00	0.19310E-01	-0.25583E+00	-0.36997E+00	-0.29563E+00	0.14189E+00
86	0.70216E+00	0.58305E-01	-0.26623E+00	-0.31960E+00	-0.28471E+00	0.13797E+00
87	0.54675E+00	-0.85258E-02	-0.28739E+00	-0.38262E+00	-0.38183E+00	0.89892E-01
88	0.55559E+00	-0.26478E-01	-0.21895E+00	-0.40326E+00	-0.47608E+00	0.29225E+00
89	0.58603E+00	-0.19674E-01	-0.21379E+00	-0.36051E+00	-0.50177E+00	0.30767E+00
90	0.62136E+00	0.26833E-01	-0.26413E+00	-0.28885E+00	-0.50218E+00	0.14716E+00
91	0.64439E+00	0.70056E-01	-0.18694E+00	-0.24261E+00	-0.53734E+00	0.24365E+00
92	0.65643E+00	0.95565E-01	-0.13235E+00	-0.19248E+00	-0.53361E+00	0.20106E+00
93	0.41725E+00	-0.22527E+00	-0.65891E-01	-0.46303E+00	-0.46554E+00	0.51819E+00
94	0.45677E+00	-0.58346E-01	-0.37876E-01	-0.44369E+00	-0.44199E+00	0.45916E+00
95	0.35264E+00	0.82980E-01	-0.27676E-02	-0.32233E+00	-0.43331E+00	0.35367E+00
96	0.39520E+00	-0.85971E-01	-0.15624E+00	-0.47526E+00	-0.41665E+00	0.40348E+00
97	0.32279E+00	0.44635E-01	-0.39039E-01	-0.38067E+00	-0.43010E+00	0.32091E+00
98	0.34527E+00	-0.10301E-01	-0.14287E+00	-0.31998E+00	-0.40721E+00	0.29665E+00
99	0.37825E+00	-0.10898E+00	-0.22922E+00	-0.39248E+00	-0.39750E+00	0.31753E+00
100	0.30604E+00	-0.51120E-01	-0.18774E+00	-0.26697E+00	-0.39990E+00	0.24680E+00
101	0.36415E+00	0.20671E-01	-0.11207E+00	-0.21995E+00	-0.40619E+00	0.19670E+00
102	0.23564E+00	-0.74212E-01	-0.28925E+00	-0.24356E+00	-0.37492E+00	0.22784E+00
103	0.19896E+00	0.28943E-01	-0.17375E+00	-0.78992E-01	-0.36309E+00	0.10634E+00
104	0.21601E+00	0.54545E-01	-0.15671E+00	-0.34536E-01	-0.36308E+00	0.90988E-01
105	0.37794E+00	-0.12384E+00	0.23091E-02	-0.40235E+00	-0.50638E+00	0.45798E+00
106	0.64586E+00	0.34073E+00	0.41455E+00	-0.33908E-01	-0.52205E+00	0.22501E+00
107	0.46526E+00	0.16432E+00	0.24617E+00	-0.21193E+00	-0.50529E+00	0.30921E+00
108	0.33726E+00	0.14032E+00	0.19632E+00	-0.21759E+00	-0.49079E+00	0.31479E+00
109	0.39605E+00	0.17530E+00	0.23964E+00	-0.98252E-01	-0.49393E+00	0.22573E+00
110	0.49123E-01	-0.13170E+00	-0.56865E-01	-0.32820E+00	-0.46054E+00	0.34715E+00
111	-0.75770E-02	-0.62215E-01	-0.16695E-01	-0.23501E+00	-0.44849E+00	0.19446E+00
112	-0.13603E-01	-0.66835E-01	-0.27102E-01	-0.35452E+00	-0.43831E+00	0.19263E+00
113	-0.13481E+00	-0.18924E+00	-0.19587E+00	-0.36509E+00	-0.38540E+00	0.35695E+00
114	-0.73935E-01	-0.10413E+00	-0.76372E-01	-0.32093E+00	-0.37894E+00	0.18830E+00

115	-0.88232E-01	-0.11116E+00	-0.10509E+00	-0.54087E+00	-0.37173E+00	0.13235E+00
116	-0.63262E-01	-0.16955E+00	-0.18846E+00	-0.42732E+00	-0.31130E+00	0.32465E+00
117	0.79415E-01	-0.10399E-01	-0.36023E-01	-0.45677E+00	-0.28405E+00	0.17139E+00
118	0.63760E-01	-0.17241E-01	-0.68268E-01	-0.39755E+00	-0.27574E+00	0.15876E+00
119	0.15015E-02	-0.16449E+00	-0.19883E+00	-0.33403E+00	-0.23785E+00	0.24410E+00
120	0.12861E+00	0.21172E-01	-0.53366E-01	-0.33352E+00	-0.21943E+00	0.14198E+00
121	0.11931E+00	0.17460E-01	-0.73412E-01	-0.28599E+00	-0.21416E+00	0.12512E+00
122	-0.27025E-01	-0.15969E+00	-0.24731E+00	-0.28435E+00	-0.18363E+00	0.20201E+00
123	0.25471E-01	-0.39419E-01	-0.15091E+00	-0.22649E+00	-0.16480E+00	0.10448E+00
124	0.21880E-01	-0.39550E-01	-0.15976E+00	-0.17342E+00	-0.16218E+00	0.34644E-01
125	0.37137E-01	-0.35942E-01	-0.17413E+00	-0.14518E+00	-0.14837E+00	0.10956E+00
126	0.22278E-02	-0.49609E-01	-0.17712E+00	-0.10495E+00	-0.14176E+00	0.58175E-01
127	0.30436E-02	-0.47564E-01	-0.17712E+00	-0.65927E-01	-0.14135E+00	0.43191E-01
128	-0.66500E-01	-0.89750E-01	-0.22991E+00	-0.79645E-01	-0.12380E+00	0.68233E-01
129	-0.17185E+00	-0.15263E+00	-0.28739E+00	-0.35695E-01	-0.10408E+00	0.20475E-01
133	0.48267E+00	-0.14092E+00	0.40652E-01	-0.64380E+00	-0.53823E+00	0.73062E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9000E+00

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.75489E-01	0.50993E+00	-0.43344E+00	-0.90313E+01	0.10332E+01	0.39245E+01
131	0.65455E-02	0.43637E-01	-0.37091E-01	-0.22277E+02	0.10292E+01	0.11545E+02
132	0.32081E-01	0.21387E+00	-0.18179E+00	-0.37741E+02	0.17543E+01	0.20026E+02
133	0.16558E-01	0.11039E+00	-0.93830E-01	-0.55430E+02	0.25362E+01	0.29725E+02
134	0.37146E-01	0.24764E+00	-0.21049E+00	-0.75743E+02	0.35517E+01	0.41833E+02
135	0.71063E-01	0.47376E+00	-0.40269E+00	-0.91535E+02	0.46808E+01	0.53181E+02
136	0.33723E-01	0.22483E+00	-0.19110E+00	-0.10452E+03	0.49674E+01	0.61493E+02
137	0.29400E-01	0.19600E+00	-0.16660E+00	-0.10168E+03	0.72882E+01	0.64929E+02
138	0.10448E+00	0.69656E+00	-0.50798E+00	-0.10555E+03	0.20192E+02	0.70784E+02
139	-0.92748E-01	-0.61832E+00	0.31941E+00	-0.10179E+03	0.46901E+02	0.74336E+02
140	-0.41694E+00	-0.27796E+01	0.23627E+01	-0.13227E+03	0.56615E+02	0.85290E+02
141	-0.39948E+00	-0.26632E+01	0.22637E+01	-0.13292E+03	0.57963E+02	0.91073E+02
142	-0.47061E+00	-0.31374E+01	0.26669E+01	-0.14083E+03	0.57830E+02	0.97880E+02
143	-0.47977E+00	-0.31985E+01	0.27187E+01	0.57736E+02	0.87149E+02	-0.10825E+03
144	-0.48440E+00	-0.32293E+01	0.27449E+01	0.55681E+02	0.83689E+02	-0.10405E+03
145	0.15427E+00	0.10284E+01	-0.10036E+01	-0.35269E+02	0.59339E+02	-0.21152E+03
146	0.64724E-01	0.43149E+00	-0.82573E+00	-0.46849E+02	0.42915E+02	-0.17581E+03
147	0.67082E-01	0.44721E+00	-0.81718E+00	-0.43330E+02	0.45263E+02	-0.17374E+03
148	0.69779E-01	0.46520E+00	0.29907E+00	-0.42687E+02	0.47441E+02	-0.17396E+03
149	0.72868E-01	0.48579E+00	0.28897E+00	-0.42974E+02	0.49781E+02	-0.17652E+03
150	0.84402E-01	0.56268E+00	0.15219E+00	-0.30646E+02	0.56116E+02	-0.17168E+03
151	0.10100E+00	0.67335E+00	0.40013E+01	-0.29281E+02	0.63499E+02	-0.17553E+03
152	0.90229E-01	0.60153E+00	0.71475E+01	-0.28952E+02	0.56307E+02	-0.17407E+03
153	0.74114E-01	0.49410E+00	0.62827E+01	-0.25629E+02	0.45973E+02	-0.16998E+03
154	0.38610E-01	0.25740E+00	0.12089E+02	-0.21594E+02	0.22714E+02	-0.16528E+03
155	-0.11809E-01	-0.78730E-01	0.98198E+01	-0.22204E+02	-0.11269E+02	-0.15445E+03
156	-0.52702E-01	-0.35135E+00	0.83824E+01	-0.17114E+02	-0.37992E+02	-0.14322E+03
157	-0.85525E-01	-0.57017E+00	0.65200E+01	-0.15630E+02	-0.59832E+02	-0.12734E+03
158	-0.11145E+00	-0.74320E+00	0.54238E+01	-0.12177E+02	-0.76761E+02	-0.11221E+03
159	-0.13103E+00	-0.87355E+00	0.36572E+01	-0.53816E+01	-0.88884E+02	-0.92806E+02
160	-0.14397E+00	-0.95979E+00	0.24401E+01	-0.30540E+01	-0.97230E+02	-0.74877E+02
161	-0.16675E+00	-0.11117E+01	0.97094E+00	-0.21157E+00	-0.10500E+03	-0.52847E+02
162	-0.17205E+00	-0.11472E+01	-0.13605E-01	0.87704E+00	-0.10153E+03	-0.37100E+02
163	-0.19861E+00	-0.13240E+01	-0.48111E+00	0.40250E+01	-0.11673E+03	-0.26260E+02
164	-0.19787E+00	-0.13191E+01	-0.76391E+00	0.88391E+01	-0.11557E+03	-0.19649E+02

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165	-0.11135E+03	-0.17259E+02	0.25021E+00	-0.63386E+01	-0.11740E+03	-0.16475E+02
166	-0.91239E+02	-0.13027E+02	-0.96324E+00	-0.48408E+01	-0.10927E+03	-0.15001E+02
167	-0.72920E+02	-0.96464E+01	-0.14419E+01	-0.39657E+01	-0.93521E+02	-0.13786E+02
168	-0.56161E+02	-0.70128E+01	-0.15280E+01	-0.30884E+01	-0.77328E+02	-0.12762E+02
169	-0.36222E+02	-0.36150E+01	-0.18820E+01	-0.22827E+01	-0.66556E+02	-0.11621E+02
170	-0.16364E+02	0.42299E-01	-0.25271E+01	-0.13709E+01	-0.59890E+02	-0.10317E+02
171	0.38855E+01	0.35330E+01	-0.29003E+01	-0.14735E+00	-0.47629E+02	-0.84921E+01
172	0.15754E+02	0.51046E+01	-0.26385E+01	0.11023E+01	-0.31422E+02	-0.65308E+01
173	0.16009E+02	0.41298E+01	-0.16317E+01	0.18098E+01	-0.17036E+02	-0.51758E+01
174	0.97996E+01	0.20059E+01	-0.49079E+00	0.19878E+01	-0.67383E+01	-0.42614E+01
175	0.22725E+01	0.15962E+00	0.16672E+00	0.15102E+01	-0.37559E+01	-0.38684E+01
176	-0.43454E+00	-0.30551E+00	0.21462E+00	0.10384E+01	-0.47802E+01	-0.36197E+01
177	-0.76347E+00	-0.23398E+00	0.10572E+00	0.68317E+00	-0.53852E+01	-0.29878E+01
178	-0.28507E+00	-0.37557E-01	-0.63078E-02	0.46121E+00	-0.41008E+01	-0.21642E+01
179	0.88278E-01	0.35867E-01	-0.20940E-01	0.39835E+00	-0.28887E+01	-0.15186E+01
180	0.94692E-02	0.11491E-01	-0.93270E-02	0.30934E+00	-0.16809E+01	-0.91354E+00
181	0.23850E-01	0.28502E-01	-0.21606E-01	0.25573E+00	-0.76649E+00	-0.31709E+00
182	-0.95513E-01	-0.44361E-01	0.26116E-01	0.92659E-01	0.18218E+00	0.11672E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.22169E-01	-0.61142E-04	-0.22151E-01	0.00000E+00
3	0.41085E-01	-0.45693E-04	-0.41077E-01	0.00000E+00
4	0.45785E-01	-0.15505E-04	-0.45780E-01	0.00000E+00
5	0.52126E-01	-0.91924E-05	-0.52130E-01	0.00000E+00
6	0.56286E-01	0.39625E-05	-0.56286E-01	0.00000E+00
7	0.52173E-01	0.43368E-03	-0.52184E-01	0.00000E+00
8	0.56405E-01	0.35673E-03	-0.56433E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.21843E-01	0.30132E-03	-0.21730E-01	0.00000E+00
11	0.40711E-01	0.60666E-03	-0.40592E-01	0.00000E+00
12	0.45520E-01	0.72950E-03	-0.45490E-01	0.00000E+00
13	0.52252E-01	0.72169E-03	-0.52224E-01	0.00000E+00
14	0.56705E-01	0.64923E-03	-0.56835E-01	0.00000E+00
15	0.52559E-01	0.14636E-02	-0.52766E-01	0.00000E+00
16	0.57217E-01	0.12419E-02	-0.57534E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.21419E-01	0.71468E-03	-0.21485E-01	0.00000E+00
19	0.40390E-01	0.15934E-02	-0.40508E-01	0.00000E+00
20	0.45482E-01	0.19740E-02	-0.45670E-01	0.00000E+00
21	0.52368E-01	0.19987E-02	-0.53155E-01	0.00000E+00
22	0.57973E-01	0.18215E-02	-0.58578E-01	0.00000E+00
23	0.53333E-01	0.32408E-02	-0.53814E-01	0.00000E+00
24	0.59010E-01	0.29565E-02	-0.60052E-01	0.00000E+00
25	0.59641E-01	0.39289E-02	-0.60988E-01	0.00000E+00
26	0.60020E-01	0.42927E-02	-0.61558E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.20452E-01	0.10560E-02	-0.20465E-01	0.00000E+00
29	0.39200E-01	0.25398E-02	-0.39171E-01	0.00000E+00
30	0.44716E-01	0.33582E-02	-0.44758E-01	0.00000E+00
31	0.53185E-01	0.41873E-02	-0.54009E-01	0.00000E+00
32	0.60338E-01	0.46711E-02	-0.62163E-01	0.00000E+00
33	0.53032E-01	0.44170E-02	-0.53893E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.20056E-01	0.99798E-03	-0.19903E-01	0.00000E+00
36	0.38632E-01	0.24686E-02	-0.38224E-01	0.00000E+00
37	0.44172E-01	0.32498E-02	-0.43667E-01	0.00000E+00
38	0.52892E-01	0.42048E-02	-0.53536E-01	0.00000E+00
39	0.60884E-01	0.48364E-02	-0.63085E-01	0.00000E+00
40	0.60786E-01	0.48720E-02	-0.62892E-01	0.00000E+00
41	0.60689E-01	0.48575E-02	-0.62710E-01	0.00000E+00
42	0.60583E-01	0.48276E-02	-0.62481E-01	0.00000E+00
43	0.43124E-01	0.27798E-02	-0.40572E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.18516E-01	0.82797E-03	-0.16853E-01	0.00000E+00
46	0.36260E-01	0.19269E-02	-0.32329E-01	0.00000E+00
47	0.60908E-01	0.48867E-02	-0.63115E-01	0.00000E+00
48	0.60917E-01	0.48869E-02	-0.63150E-01	0.00000E+00
49	0.52826E-01	0.41148E-02	-0.53314E-01	0.00000E+00
50	0.60955E-01	0.49124E-02	-0.63310E-01	0.00000E+00
51	0.51715E-01	0.35917E-02	-0.48982E-01	0.00000E+00
52	0.59365E-01	0.50534E-02	-0.56604E-01	0.00000E+00
53	0.60877E-01	0.48793E-02	-0.63002E-01	0.00000E+00
54	0.41641E-01	0.26163E-02	-0.36848E-01	0.00000E+00
55	0.50003E-01	0.35099E-02	-0.44111E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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120

57	0.16704E-01	0.55541E-03	-0.13126E-01	0.00000E+00
58	0.33381E-01	0.13973E-02	-0.25637E-01	0.00000E+00
59	0.56873E-01	0.44417E-02	-0.50052E-01	0.00000E+00
60	0.58681E-01	0.49105E-02	-0.54582E-01	0.00000E+00
61	0.60966E-01	0.49314E-02	-0.63405E-01	0.00000E+00
62	0.38480E-01	0.18507E-02	-0.29119E-01	0.00000E+00
63	0.46027E-01	0.24926E-02	-0.34366E-01	0.00000E+00
64	0.59729E-01	0.51135E-02	-0.56972E-01	0.00000E+00
65	0.60977E-01	0.49494E-02	-0.63499E-01	0.00000E+00
66	0.61065E-01	0.49849E-02	-0.63687E-01	0.00000E+00
67	0.61153E-01	0.50202E-02	-0.63878E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.15595E-01	0.18860E-03	-0.97859E-02	0.00000E+00
70	0.30382E-01	0.31900E-03	-0.18925E-01	0.00000E+00
71	0.52929E-01	0.31482E-02	-0.39152E-01	0.00000E+00
72	0.59785E-01	0.52013E-02	-0.55580E-01	0.00000E+00
73	0.42015E-01	0.90745E-03	-0.23452E-01	0.00000E+00
74	0.61723E-01	0.54532E-02	-0.57142E-01	0.00000E+00
75	0.61226E-01	0.50477E-02	-0.64054E-01	0.00000E+00
76	0.61695E-01	0.50952E-02	-0.64364E-01	0.00000E+00
77	0.48193E-01	0.13848E-02	-0.28754E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.14563E-01	-0.27482E-03	-0.69232E-02	0.00000E+00
80	0.27853E-01	-0.54910E-03	-0.12493E-01	0.00000E+00
81	0.31707E-01	-0.70387E-03	-0.13941E-01	0.00000E+00
82	0.37782E-01	-0.46646E-03	-0.16293E-01	0.00000E+00
83	0.59188E-01	0.39065E-02	-0.43571E-01	0.00000E+00
84	0.50544E-01	0.65172E-03	-0.24202E-01	0.00000E+00
85	0.62686E-01	0.51553E-02	-0.64771E-01	0.00000E+00
86	0.63817E-01	0.55484E-02	-0.58980E-01	0.00000E+00
87	0.43427E-01	-0.19478E-03	-0.18680E-01	0.00000E+00
88	0.62129E-01	0.48425E-02	-0.51574E-01	0.00000E+00
89	0.63571E-01	0.52056E-02	-0.65164E-01	0.00000E+00
90	0.30037E-01	-0.61059E-03	-0.68499E-03	0.00000E+00
91	0.33014E-01	-0.49080E-03	-0.55432E-03	0.00000E+00
92	0.35133E-01	-0.32372E-03	-0.89981E-03	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.97280E-02	0.00000E+00	0.63798E-02	0.00000E+00
95	0.18449E-01	0.00000E+00	0.11137E-01	0.00000E+00
96	0.20690E-01	0.00000E+00	0.12124E-01	0.00000E+00
97	0.23649E-01	0.00000E+00	0.12402E-01	0.00000E+00
98	0.24858E-01	0.00000E+00	0.12265E-01	0.00000E+00
99	0.28584E-01	-0.44889E-03	0.57177E-02	0.00000E+00
100	0.38596E-01	-0.16680E-03	-0.47818E-02	0.00000E+00
101	0.56351E-01	0.13866E-02	-0.26414E-01	0.00000E+00
102	0.65895E-01	0.52619E-02	-0.65729E-01	0.00000E+00
103	0.62891E-01	0.43254E-02	-0.45838E-01	0.00000E+00
104	0.67376E-01	0.57166E-02	-0.61284E-01	0.00000E+00
105	0.67813E-01	0.53057E-02	-0.66239E-01	0.00000E+00
106	0.65544E-01	0.46126E-02	-0.47462E-01	0.00000E+00
107	0.70035E-01	0.58936E-02	-0.62890E-01	0.00000E+00
108	0.69445E-01	0.53269E-02	-0.66693E-01	0.00000E+00
109	0.70758E-01	0.53341E-02	-0.67069E-01	0.00000E+00
110	0.69244E-01	0.49909E-02	-0.49363E-01	0.00000E+00
111	0.72062E-01	0.60414E-02	-0.64043E-01	0.00000E+00
112	0.71799E-01	0.53280E-02	-0.67372E-01	0.00000E+00
113	0.70611E-01	0.50442E-02	-0.52713E-01	0.00000E+00
114	0.72534E-01	0.52974E-02	-0.67582E-01	0.00000E+00
115	0.73016E-01	0.52593E-02	-0.67706E-01	0.00000E+00
116	0.73200E-01	0.52112E-02	-0.67717E-01	0.00000E+00

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117	0.72512E-01	0.58692E-02	-0.64464E-01	0.00000E+00
118	0.73197E-01	0.51851E-02	-0.67692E-01	0.00000E+00
119	0.73122E-01	0.51395E-02	-0.67588E-01	0.00000E+00
120	0.73241E-01	0.55915E-02	-0.64745E-01	0.00000E+00
121	0.72987E-01	0.50725E-02	-0.67431E-01	0.00000E+00
122	0.72978E-01	0.50068E-02	-0.67521E-01	0.16466E-04
123	0.72927E-01	0.48622E-02	-0.67583E-01	0.30266E-04
124	0.72836E-01	0.46245E-02	-0.67647E-01	0.47312E-04
125	0.72672E-01	0.42669E-02	-0.67708E-01	0.69676E-04
126	0.72255E-01	0.33853E-02	-0.67808E-01	0.10222E-03
127	0.71722E-01	0.22681E-02	-0.67903E-01	0.11757E-03
128	0.70551E-01	-0.34546E-03	-0.68096E-01	0.11249E-03
129	0.69629E-01	-0.25356E-02	-0.68270E-01	0.84168E-04
130	0.68991E-01	-0.41837E-02	-0.68458E-01	0.43403E-04
131	0.68784E-01	-0.46439E-02	-0.68743E-01	-0.65968E-05
132	0.69057E-01	-0.40018E-02	-0.68998E-01	-0.25215E-04
133	0.69361E-01	-0.29048E-02	-0.69225E-01	-0.21800E-04
134	0.69537E-01	-0.21294E-02	-0.69412E-01	-0.14113E-04
135	0.69635E-01	-0.16064E-02	-0.69561E-01	-0.10893E-04
136	0.69704E-01	-0.11145E-02	-0.69670E-01	-0.11471E-04
137	0.69746E-01	-0.62014E-03	-0.69737E-01	-0.11484E-04
138	0.69775E-01	-0.93248E-04	-0.69775E-01	-0.11936E-04
139	0.69775E-01	-0.11511E-04	-0.69775E-01	-0.11528E-04

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EARTHQUAKE ANALYSIS OF THE SOUTH TANK (10 SEC 3 .01 FOR DT)

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1000E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.43594E-02	0.58337E-01	0.39866E-01	0.27033E+01	0.11178E-01	-0.26908E+01
2	-0.42300E-01	0.50174E-01	0.30507E-01	0.23479E+01	0.24326E-01	-0.23399E+01
3	-0.10711E+00	0.43594E-01	0.92936E-02	0.18463E+01	0.48242E-01	-0.18574E+01
4	0.70663E-01	0.49096E-01	0.42504E-01	0.14581E+01	-0.78281E-02	-0.14498E+01
5	-0.60340E-01	0.17109E-01	-0.13200E-01	0.14365E+01	0.24707E-01	-0.14881E+01
6	0.66410E-01	0.41829E-01	0.50004E-01	0.15105E+01	-0.96023E-02	-0.15272E+01
7	0.62938E-01	0.13895E-01	0.24604E-01	0.10107E+01	-0.16099E-01	-0.10124E+01
8	0.11368E+00	0.15857E-01	0.41600E-01	0.10235E+01	-0.36201E-01	-0.10580E+01
9	0.15352E+00	0.31012E+00	0.18716E+00	0.26596E+01	0.87518E-02	-0.26538E+01
10	0.12106E+00	0.32272E+00	0.17923E+00	0.23658E+01	0.11966E-01	-0.23562E+01
11	0.36541E-01	0.27594E+00	0.33338E-01	0.19857E+01	-0.33541E-02	-0.19691E+01
12	0.31116E+00	0.19668E+00	0.19240E+00	0.15924E+01	-0.93930E-01	-0.15343E+01
13	0.47292E-01	0.10258E+00	0.39494E-01	0.16416E+01	-0.90008E-02	-0.16405E+01
14	0.31179E+00	0.21082E+00	0.17776E+00	0.16969E+01	-0.59086E-01	-0.17109E+01
15	0.26698E+00	0.53073E-01	0.96438E-01	0.11417E+01	-0.10071E+00	-0.11247E+01
16	0.32511E+00	0.43440E-01	0.96364E-01	0.11948E+01	-0.11114E+00	-0.12263E+01
17	0.21178E+00	0.50108E+00	0.28345E+00	0.25716E+01	0.39008E-01	-0.25771E+01
18	0.84741E-01	0.53602E+00	0.24471E+00	0.23536E+01	0.90062E-01	-0.23506E+01
19	-0.19329E+00	0.54107E+00	0.91726E-01	0.21205E+01	0.17435E+00	-0.21149E+01
20	0.47220E+00	0.31499E+00	0.27776E+00	0.18246E+01	-0.10571E+00	-0.17218E+01
21	0.63087E-01	0.45262E+00	0.18241E+00	0.19062E+01	0.89776E-01	-0.19649E+01
22	0.50454E+00	0.91614E+00	0.52838E+00	0.20010E+01	-0.20065E-01	-0.21186E+01
23	0.51000E+00	0.13535E+00	0.19037E+00	0.14229E+01	-0.16835E+00	-0.14074E+01
24	0.97604E+00	0.39507E+00	0.45565E+00	0.16235E+01	-0.30480E+00	-0.15162E+01
25	0.55169E+00	0.52351E+00	0.33505E+00	0.16574E+01	-0.12551E+00	-0.17535E+01
26	0.17781E+01	0.14910E+01	0.11903E+01	0.18736E+01	-0.37187E+00	-0.19608E+01
27	0.22169E+00	0.56732E+00	0.31795E+00	0.24685E+01	0.66375E-01	-0.24793E+01
28	0.44843E-01	0.63633E+00	0.23218E+00	0.22655E+01	0.17691E+00	-0.23052E+01
29	-0.47493E+00	0.64367E+00	0.78799E-01	0.19841E+01	0.47635E+00	-0.21619E+01
30	0.15660E+00	0.68061E+00	0.28750E+00	0.19592E+01	0.79818E-01	-0.21217E+01
31	0.28312E-01	0.81941E+00	0.32856E+00	0.18327E+01	0.31204E+00	-0.22070E+01
32	0.29275E+00	0.37265E+00	0.44052E+00	0.17639E+01	0.22029E+00	-0.22470E+01
33	0.12694E+01	0.11974E+01	0.37268E+00	0.18517E+01	-0.20367E+00	-0.20687E+01
34	0.27753E+01	0.21429E+01	0.18395E+01	0.18933E+01	-0.55602E+00	-0.22572E+01
35	0.92792E+00	0.90969E+00	0.60397E+00	0.18603E+01	-0.16939E+00	-0.22553E+01
36	-0.91377E-01	0.34485E+00	0.79926E-02	0.17582E+01	0.24449E+00	-0.23343E+01
37	0.11730E+01	0.12689E+01	0.85065E+00	0.19412E+01	-0.18276E+00	-0.24260E+01
38	0.15840E+00	0.48947E+00	0.28418E+00	0.23512E+01	0.97896E-01	-0.22552E+01
39	-0.72832E-01	0.51528E+00	0.26184E+00	0.21947E+01	0.28306E+00	-0.20960E+01
40	-0.52268E+00	0.63748E+00	0.16497E+00	0.18996E+01	0.81727E+00	-0.21188E+01
41	-0.70722E+00	0.38426E+00	0.13840E+00	0.20060E+01	0.73565E+00	-0.20358E+01
42	-0.37266E+00	0.46430E+00	0.22952E+00	0.19270E+01	0.90830E+00	-0.17449E+01
43	-0.15688E+00	0.53275E+00	0.18531E+00	0.17974E+01	0.47077E+00	-0.22546E+01
44	-0.35251E+00	0.40321E+00	0.12917E+00	0.17663E+01	0.74875E+00	-0.19072E+01
45	-0.66683E+00	0.25227E+00	0.66138E-01	0.18479E+01	0.72372E+00	-0.18954E+01
46	-0.32376E+00	0.55474E+00	0.35533E+00	0.17846E+01	0.52282E+00	-0.16370E+01
47	0.41576E+00	0.80007E+00	0.38141E+00	0.18387E+01	0.17742E+00	-0.24508E+01
48	0.35799E+00	0.79947E+00	0.33992E+00	0.19446E+01	0.17267E+00	-0.24835E+01
49	-0.96079E-01	0.62131E+00	0.17271E+00	0.19272E+01	0.58711E+00	-0.26631E+01
50	-0.16095E+01	0.18751E-01	-0.56045E+00	0.16636E+01	0.15372E+01	-0.17604E+01
51	-0.23164E+00	-0.51361E-01	-0.28330E+00	0.80387E-01	0.18947E+00	-0.47810E+00
52	-0.68765E+00	0.10741E-01	-0.34123E+00	-0.64720E+00	0.85601E+00	0.27157E+01
53	-0.61226E+00	0.57778E+00	0.28114E+00	0.15024E+01	0.80166E+00	-0.14977E+01
54	-0.53375E-02	0.26459E+00	0.16145E+00	0.21410E+01	0.11603E+00	-0.18367E+01

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55	-0.22334E+00	0.37523E+00	0.24478E+00	0.20606E+01	0.31628E+00	-0.17277E+01
56	-0.93669E+00	0.36819E+00	0.34823E+00	0.13262E+01	0.85790E+00	-0.15270E+01
57	-0.61124E+00	0.33999E+00	0.29673E+00	0.16461E+01	0.61245E+00	-0.14031E+01
58	-0.67469E+00	0.35561E+00	0.35995E+00	0.13919E+01	0.72049E+00	-0.12241E+01
59	0.23722E+00	0.37361E+00	0.26944E+00	0.20538E+01	-0.16111E-01	-0.16059E+01
60	-0.23303E+00	-0.59562E-01	-0.27233E-01	0.18939E+01	0.20576E+00	-0.11983E+01
61	-0.15213E+00	0.35360E-01	0.89179E-01	0.18720E+01	0.15997E+00	-0.11957E+01
62	-0.26306E-01	-0.93495E-01	0.27715E-01	0.17799E+01	-0.27012E-01	-0.84520E+00
63	-0.27282E+00	0.17935E+00	0.21886E+00	0.18711E+01	0.27708E+00	-0.13503E+01
64	-0.38088E+00	-0.13734E+00	0.99076E-01	0.16670E+01	0.23140E+00	-0.89805E+00
65	-0.91505E+00	0.29729E+00	0.46529E+00	0.17114E+01	0.73420E+00	-0.13080E+01
66	-0.11456E+01	0.34384E-01	0.45177E+00	0.15403E+01	0.81114E+00	-0.96648E+00
67	-0.91019E+00	-0.28199E+00	0.46207E+00	0.12857E+01	0.62811E+00	-0.52409E+00
68	-0.75160E+00	0.22203E+00	0.33300E+00	0.14977E+01	0.57802E+00	-0.11640E+01
69	-0.68329E+00	0.68430E-01	0.32783E+00	0.13888E+01	0.45570E+00	-0.85923E+00
70	-0.10624E+01	-0.22581E+00	0.13780E+00	0.11971E+01	0.56049E+00	-0.50867E+00
71	-0.85713E+00	0.14655E+00	0.36437E+00	0.12719E+01	0.60522E+00	-0.90613E+00
72	-0.95869E+00	-0.16508E-01	0.34940E+00	0.11529E+01	0.56934E+00	-0.62154E+00
73	-0.14474E+00	-0.39700E-01	0.38056E-01	0.14869E+01	0.74861E-01	-0.32661E-01
74	-0.30540E+00	-0.77878E-01	0.22804E+00	0.13527E+01	0.20236E+00	-0.48036E-01
75	-0.78476E+00	-0.92713E-01	0.72163E+00	0.11403E+01	0.53227E+00	-0.79428E-01
76	-0.80612E+00	-0.31928E-01	0.36604E+00	0.13099E+01	0.42590E+00	-0.50327E+00
77	-0.65751E+00	-0.29219E+00	0.31936E+00	0.84685E+00	0.31500E+00	0.52480E-01
78	-0.58812E+00	-0.34503E-01	0.50186E+00	0.66758E+00	0.29893E+00	0.61935E-01
79	-0.10553E+01	-0.18369E+00	0.29924E+00	0.92465E+00	0.44702E+00	-0.23973E+00
80	-0.11954E+01	-0.32309E+00	0.20596E+00	0.64910E+00	0.29026E+00	0.32997E-01
81	-0.54161E+00	-0.14175E+00	0.47538E+00	0.35957E+00	0.28542E+00	0.63198E-01
82	-0.68093E+00	-0.73873E-01	0.49625E+00	0.29860E+00	0.24826E+00	-0.28483E-01
83	-0.10545E+01	-0.14134E+00	0.37631E+00	0.59224E+00	0.27551E+00	-0.92152E-01
84	-0.13215E+01	-0.29639E+00	0.23205E+00	0.62622E+00	0.46681E+00	-0.72762E-01
85	-0.14194E+01	-0.73194E-01	0.29986E+00	0.91448E+00	0.55629E+00	-0.39166E+00
86	-0.14575E+01	-0.17986E+00	0.31123E+00	0.74937E+00	0.53154E+00	-0.30674E+00
87	-0.10476E+01	-0.10568E+00	0.37779E+00	0.91035E+00	0.57345E+00	-0.40103E+00
88	-0.10244E+01	0.82514E-01	0.39485E+00	0.97466E+00	0.68879E+00	-0.71833E+00
89	-0.10781E+01	0.56877E-01	0.41473E+00	0.83285E+00	0.71968E+00	-0.65807E+00
90	-0.12331E+01	-0.45532E-01	0.42260E+00	0.61329E+00	0.74083E+00	-0.32852E+00
91	-0.12790E+01	-0.16113E+00	0.33169E+00	0.54969E+00	0.77734E+00	-0.49134E+00
92	-0.12962E+01	-0.21511E+00	0.34267E+00	0.41203E+00	0.76325E+00	-0.35315E+00
93	-0.75475E+00	0.69267E+00	0.28169E+00	0.10903E+01	0.91475E+00	-0.11855E+01
94	-0.87476E+00	-0.22306E+00	0.15340E+00	0.10747E+01	0.82891E+00	-0.11288E+01
95	-0.58669E+00	-0.74021E-01	0.13099E+00	0.75958E+00	0.81393E+00	-0.85840E+00
96	-0.72257E+00	0.24576E+00	0.38127E+00	0.11018E+01	0.77466E+00	-0.91586E+00
97	-0.51639E+00	0.10079E-01	0.22264E+00	0.87278E+00	0.80326E+00	-0.73801E+00
98	-0.61465E+00	0.54627E-01	0.37531E+00	0.74380E+00	0.75369E+00	-0.69218E+00
99	-0.69225E+00	0.25466E+00	0.52285E+00	0.88810E+00	0.72574E+00	-0.68920E+00
100	-0.51505E+00	0.17293E+00	0.50740E+00	0.63568E+00	0.73707E+00	-0.53519E+00
101	-0.63954E+00	0.32004E-02	0.36732E+00	0.46861E+00	0.74450E+00	-0.42276E+00
102	-0.40416E+00	0.17457E+00	0.70973E+00	0.50946E+00	0.68941E+00	-0.40833E+00
103	-0.27397E+00	-0.26593E-01	0.53396E+00	0.13937E+00	0.67567E+00	-0.22953E+00
104	-0.33221E+00	-0.12046E+00	0.48225E+00	0.35697E-01	0.67241E+00	-0.17777E+00
105	-0.77890E+00	0.37910E+00	0.61120E-01	0.97506E+00	0.11154E+01	-0.10780E+01
106	-0.13940E+01	-0.67245E+00	-0.87749E+00	0.73635E-01	0.11796E+01	-0.54025E+00
107	-0.97706E+00	-0.23553E+00	-0.49531E+00	0.50651E+00	0.11389E+01	-0.75913E+00
108	-0.78434E+00	-0.23123E+00	-0.37478E+00	0.52307E+00	0.11023E+01	-0.76831E+00
109	-0.77194E+00	-0.27214E+00	-0.44451E+00	0.21961E+00	0.11074E+01	-0.54198E+00
110	0.24945E-01	0.40808E+00	0.22857E+00	0.77450E+00	0.10314E+01	-0.81034E+00
111	0.19766E+00	0.29311E+00	0.17476E+00	0.55658E+00	0.98562E+00	-0.46701E+00
112	0.21184E+00	0.30191E+00	0.20142E+00	0.85308E+00	0.97939E+00	-0.46305E+00
113	0.45533E+00	0.50981E+00	0.54855E+00	0.89741E+00	0.85067E+00	-0.87429E+00
114	0.40234E+00	0.41743E+00	0.35516E+00	0.76564E+00	0.82779E+00	-0.45307E+00

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115	0.43682E+00	0.43124E+00	0.42756E+00	0.13070E+01	0.80883E+00	-0.44034E+00
116	0.28839E+00	0.46125E+00	0.54580E+00	0.10140E+01	0.67007E+00	-0.75497E+00
117	0.25909E-02	0.16865E+00	0.25292E+00	0.10932E+01	0.60508E+00	-0.41317E+00
118	0.40446E-01	0.13200E+00	0.33420E+00	0.93964E+00	0.58336E+00	-0.38329E+00
119	0.96493E-01	0.39281E+00	0.55005E+00	0.78501E+00	0.49711E+00	-0.56904E+00
120	-0.99585E-01	0.98633E-01	0.31893E+00	0.77596E+00	0.45187E+00	-0.34315E+00
121	-0.76315E-01	0.10539E+00	0.37035E+00	0.65052E+00	0.43779E+00	-0.30309E+00
122	0.17020E+00	0.45364E+00	0.68369E+00	0.63573E+00	0.37379E+00	-0.44883E+00
123	0.13923E+00	0.23606E+00	0.55960E+00	0.49862E+00	0.33296E+00	-0.25376E+00
124	0.14857E+00	0.23522E+00	0.58379E+00	0.36217E+00	0.32554E+00	-0.20684E+00
125	0.29748E-01	0.92453E-01	0.52887E+00	0.29745E+00	0.29599E+00	-0.24982E+00
126	0.22399E+00	0.27691E+00	0.65088E+00	0.18852E+00	0.27972E+00	-0.14351E+00
127	0.22173E+00	0.27025E+00	0.65190E+00	0.86234E-01	0.27808E+00	-0.10894E+00
128	0.35269E+00	0.29193E+00	0.73526E+00	0.12313E+00	0.24149E+00	-0.14777E+00
129	0.71914E+00	0.57795E+00	0.97986E+00	-0.28706E-02	0.19908E+00	-0.47699E-01
183	-0.98146E+00	0.49939E+00	0.12989E-01	0.15690E+01	0.11782E+01	-0.17554E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.18815E+00	-0.12543E+01	0.10662E+01	0.22072E+02	-0.18699E+01	-0.96957E+01
131	-0.34869E-01	-0.23246E+00	0.19759E+00	0.55161E+02	-0.13977E+01	-0.28002E+02
132	-0.10713E+00	-0.71420E+00	0.60707E+00	0.94110E+02	-0.23304E+01	-0.48924E+02
133	-0.64680E-01	-0.43120E+00	0.36652E+00	0.13890E+03	-0.34436E+01	-0.73190E+02
134	-0.13650E+00	-0.91001E+00	0.77351E+00	0.19057E+03	-0.51661E+01	-0.10357E+03
135	-0.22582E+00	-0.15055E+01	0.12796E+01	0.23166E+03	-0.72334E+01	-0.13201E+03
136	-0.12458E+00	-0.83050E+00	0.70593E+00	0.26387E+03	-0.76850E+01	-0.15257E+03
137	-0.12370E+00	-0.82465E+00	0.70096E+00	0.25547E+03	-0.13510E+02	-0.16130E+03
138	-0.26474E+00	-0.17650E+01	0.12993E+01	0.26528E+03	-0.43369E+02	-0.17540E+03
139	0.38937E+00	0.25953E+01	-0.29162E+01	0.25677E+03	-0.10545E+03	-0.18440E+03
140	0.13496E+01	0.89972E+01	-0.76476E+01	0.33394E+03	-0.12733E+03	-0.21103E+03
141	0.12861E+01	0.85741E+01	-0.72830E+01	0.33642E+03	-0.13040E+03	-0.22498E+03
142	0.15108E+01	0.10072E+02	-0.85614E+01	0.35607E+03	-0.12996E+03	-0.24091E+03
143	0.15411E+01	0.10274E+02	-0.87329E+01	-0.13749E+03	-0.20294E+03	0.25082E+03
144	0.16118E+01	0.10745E+02	-0.91336E+01	-0.13203E+03	-0.19489E+03	0.24021E+03
145	-0.35726E+00	-0.23818E+01	0.16826E+01	0.11413E+03	-0.13255E+03	0.50493E+03
146	-0.14936E+00	-0.99573E+00	0.17448E+01	0.13268E+03	-0.95348E+02	0.42423E+03
147	-0.15455E+00	-0.10304E+01	0.17226E+01	0.12432E+03	-0.10061E+03	0.41897E+03
148	-0.16025E+00	-0.10683E+01	-0.10594E+01	0.12173E+03	-0.10539E+03	0.41985E+03
149	-0.16659E+00	-0.11106E+01	-0.10293E+01	0.12038E+03	-0.11049E+03	0.42658E+03
150	-0.19220E+00	-0.12814E+01	-0.71130E+00	0.91510E+02	-0.12453E+03	0.41595E+03
151	-0.22748E+00	-0.15165E+01	-0.10366E+02	0.85521E+02	-0.14008E+03	0.42492E+03
152	-0.19678E+00	-0.13118E+01	-0.18168E+02	0.82993E+02	-0.11982E+03	0.42185E+03
153	-0.15228E+00	-0.10152E+01	-0.16036E+02	0.70810E+02	-0.91739E+02	0.41265E+03
154	-0.58951E-01	-0.39301E+00	-0.30321E+02	0.58556E+02	-0.30842E+02	0.40167E+03
155	0.72179E-01	0.48119E+00	-0.24741E+02	0.57686E+02	0.57170E+02	0.37641E+03
156	0.17911E+00	0.11940E+01	-0.20989E+02	0.42774E+02	0.12681E+03	0.34982E+03
157	0.26578E+00	0.17719E+01	-0.16544E+02	0.33652E+02	0.18400E+03	0.31250E+03
158	0.33509E+00	0.22339E+01	-0.13611E+02	0.25317E+02	0.22903E+03	0.27645E+03
159	0.38819E+00	0.25880E+01	-0.94203E+01	0.71675E+01	0.26201E+03	0.23078E+03
160	0.42474E+00	0.28316E+01	-0.62536E+01	0.16545E+00	0.28552E+03	0.18826E+03
161	0.49287E+00	0.32859E+01	-0.28112E+01	-0.94517E+01	0.30885E+03	0.13660E+03
162	0.51100E+00	0.34067E+01	-0.18796E+00	-0.12819E+02	0.29996E+03	0.99499E+02
163	0.59274E+00	0.39516E+01	0.88562E+00	-0.17747E+02	0.34751E+03	0.73082E+02
164	0.59549E+00	0.39699E+01	0.15200E+01	-0.33638E+02	0.34676E+03	0.53485E+02

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165	0.35525E+03	0.54937E+02	-0.77118E+00	0.20513E+02	0.35543E+03	0.43164E+02
166	0.29241E+03	0.41623E+02	0.31254E+01	0.15712E+02	0.33092E+03	0.38711E+02
167	0.23475E+03	0.30983E+02	0.46496E+01	0.12867E+02	0.28324E+03	0.35026E+02
168	0.18179E+03	0.22671E+02	0.49250E+01	0.10007E+02	0.23408E+03	0.31895E+02
169	0.11849E+03	0.11355E+02	0.60853E+01	0.73373E+01	0.20105E+03	0.28376E+02
170	0.55081E+02	0.10612E+00	0.82114E+01	0.42959E+01	0.17988E+03	0.24343E+02
171	-0.10073E+02	-0.11232E+02	0.95147E+01	0.19674E+00	0.14057E+03	0.18732E+02
172	-0.49691E+02	-0.16629E+02	0.87891E+01	-0.40369E+01	0.88048E+02	0.12792E+02
173	-0.51902E+02	-0.13710E+02	0.55571E+01	-0.64397E+01	0.41690E+02	0.88572E+01
174	-0.31545E+02	-0.68176E+01	0.18849E+01	-0.71860E+01	0.82918E+01	0.65783E+01
175	-0.77021E+01	-0.83554E+00	-0.31693E+00	-0.56759E+01	0.24362E-01	0.61606E+01
176	0.10497E+01	0.72170E+00	-0.51690E+00	-0.40906E+01	0.44325E+01	0.61634E+01
177	0.17953E+01	0.52521E+00	-0.23001E+00	-0.28719E+01	0.72854E+01	0.52183E+01
178	0.54105E+00	0.89017E-01	-0.77743E-02	-0.20042E+01	0.58798E+01	0.37888E+01
179	-0.10132E+00	-0.41100E-01	0.21805E-01	-0.15472E+01	0.42036E+01	0.26833E+01
180	-0.53739E-02	-0.23998E-01	0.19978E-01	-0.10756E+01	0.24528E+01	0.16249E+01
181	-0.48414E-01	-0.39523E-01	0.27471E-01	-0.67453E+00	0.11127E+01	0.59093E+00
182	0.18003E+00	0.83607E-01	-0.49219E-01	-0.16792E+00	-0.21373E+00	0.11052E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.29096E-01	0.54161E-04	0.29385E-01	0.00000E+00
3	-0.53877E-01	-0.75943E-04	0.53833E-01	0.00000E+00
4	-0.59877E-01	-0.94530E-04	0.59650E-01	0.00000E+00
5	-0.67933E-01	0.11861E-04	0.67908E-01	0.00000E+00
6	-0.73172E-01	-0.84253E-05	0.73175E-01	0.00000E+00
7	-0.67953E-01	-0.90251E-03	0.67994E-01	0.00000E+00
8	-0.73340E-01	-0.83962E-03	0.73402E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.28524E-01	-0.48607E-03	0.28417E-01	0.00000E+00
11	-0.53049E-01	-0.11204E-02	0.53044E-01	0.00000E+00
12	-0.59268E-01	-0.13847E-02	0.59364E-01	0.00000E+00
13	-0.67975E-01	-0.14567E-02	0.68098E-01	0.00000E+00
14	-0.73736E-01	-0.14195E-02	0.74031E-01	0.00000E+00
15	-0.68309E-01	-0.24383E-02	0.68947E-01	0.00000E+00
16	-0.74406E-01	-0.22426E-02	0.75117E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.27621E-01	-0.96469E-03	0.28161E-01	0.00000E+00
19	-0.52290E-01	-0.23089E-02	0.53124E-01	0.00000E+00
20	-0.58938E-01	-0.28836E-02	0.59864E-01	0.00000E+00
21	-0.68625E-01	-0.30338E-02	0.69654E-01	0.00000E+00
22	-0.75389E-01	-0.29156E-02	0.76723E-01	0.00000E+00
23	-0.69149E-01	-0.42719E-02	0.70815E-01	0.00000E+00
24	-0.76731E-01	-0.39839E-02	0.78957E-01	0.00000E+00
25	-0.77541E-01	-0.49402E-02	0.80357E-01	0.00000E+00
26	-0.78028E-01	-0.52610E-02	0.81200E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.26201E-01	-0.11480E-02	0.27084E-01	0.00000E+00
29	-0.50605E-01	-0.29987E-02	0.51943E-01	0.00000E+00
30	-0.57942E-01	-0.40139E-02	0.59348E-01	0.00000E+00
31	-0.69021E-01	-0.50369E-02	0.71466E-01	0.00000E+00
32	-0.78505E-01	-0.55606E-02	0.82092E-01	0.00000E+00
33	-0.68861E-01	-0.52280E-02	0.71486E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.25704E-01	-0.10196E-02	0.26495E-01	0.00000E+00
36	-0.49890E-01	-0.27290E-02	0.50989E-01	0.00000E+00
37	-0.57294E-01	-0.36667E-02	0.58271E-01	0.00000E+00
38	-0.68693E-01	-0.48890E-02	0.71199E-01	0.00000E+00
39	-0.79145E-01	-0.57882E-02	0.83490E-01	0.00000E+00
40	-0.79017E-01	-0.57739E-02	0.83192E-01	0.00000E+00
41	-0.78890E-01	-0.57592E-02	0.82908E-01	0.00000E+00
42	-0.78752E-01	-0.57299E-02	0.82562E-01	0.00000E+00
43	-0.56037E-01	-0.26311E-02	0.54991E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.24029E-01	-0.46687E-03	0.23149E-01	0.00000E+00
46	-0.47222E-01	-0.13618E-02	0.44631E-01	0.00000E+00
47	-0.79177E-01	-0.57881E-02	0.83560E-01	0.00000E+00
48	-0.79188E-01	-0.57888E-02	0.83589E-01	0.00000E+00
49	-0.68607E-01	-0.47539E-02	0.70974E-01	0.00000E+00
50	-0.79235E-01	-0.58293E-02	0.83804E-01	0.00000E+00
51	-0.67223E-01	-0.36428E-02	0.66244E-01	0.00000E+00
52	-0.77209E-01	-0.55625E-02	0.76340E-01	0.00000E+00
53	-0.79142E-01	-0.57638E-02	0.83467E-01	0.00000E+00
54	-0.54380E-01	-0.20317E-02	0.50961E-01	0.00000E+00
55	-0.65184E-01	-0.30407E-02	0.60967E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.22523E-01	0.23955E-03	0.19125E-01	0.00000E+00
58	-0.44388E-01	-0.18602E-03	0.37364E-01	0.00000E+00
59	-0.74119E-01	-0.42234E-02	0.69158E-01	0.00000E+00
60	-0.76340E-01	-0.52171E-02	0.74108E-01	0.00000E+00
61	-0.79249E-01	-0.58550E-02	0.83935E-01	0.00000E+00
62	-0.51065E-01	-0.34829E-03	0.42577E-01	0.00000E+00
63	-0.60808E-01	-0.86371E-03	0.50362E-01	0.00000E+00
64	-0.77672E-01	-0.56295E-02	0.76873E-01	0.00000E+00
65	-0.79263E-01	-0.58797E-02	0.84064E-01	0.00000E+00
66	-0.79374E-01	-0.59285E-02	0.84321E-01	0.00000E+00
67	-0.79485E-01	-0.59768E-02	0.84583E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.21544E-01	0.48865E-03	0.15644E-01	0.00000E+00
70	-0.41614E-01	0.97877E-03	0.30340E-01	0.00000E+00
71	-0.69631E-01	-0.14892E-02	0.57431E-01	0.00000E+00
72	-0.77743E-01	-0.56027E-02	0.75490E-01	0.00000E+00
73	-0.56703E-01	0.90187E-03	0.40787E-01	0.00000E+00
74	-0.80173E-01	-0.59320E-02	0.77701E-01	0.00000E+00
75	-0.79578E-01	-0.60156E-02	0.84824E-01	0.00000E+00
76	-0.80174E-01	-0.60843E-02	0.85252E-01	0.00000E+00
77	-0.64507E-01	0.52854E-03	0.45930E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.20791E-01	0.91252E-03	0.12763E-01	0.00000E+00
80	-0.39264E-01	0.18472E-02	0.23590E-01	0.00000E+00
81	-0.44439E-01	0.23076E-02	0.26547E-01	0.00000E+00
82	-0.52323E-01	0.22536E-02	0.30922E-01	0.00000E+00
83	-0.77632E-01	-0.23793E-02	0.63905E-01	0.00000E+00
84	-0.67944E-01	0.13841E-02	0.42028E-01	0.00000E+00
85	-0.81434E-01	-0.61729E-02	0.85813E-01	0.00000E+00
86	-0.82904E-01	-0.61188E-02	0.80244E-01	0.00000E+00
87	-0.59503E-01	0.21376E-02	0.35004E-01	0.00000E+00
88	-0.80935E-01	-0.44107E-02	0.72421E-01	0.00000E+00
89	-0.82562E-01	-0.62493E-02	0.86353E-01	0.00000E+00
90	-0.44347E-01	0.15406E-02	0.15071E-01	0.00000E+00
91	-0.48134E-01	0.13690E-02	0.16049E-01	0.00000E+00
92	-0.50658E-01	0.11299E-02	0.16888E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.16310E-01	0.00000E+00	-0.24331E-03	0.00000E+00
95	-0.30175E-01	0.00000E+00	0.20252E-03	0.00000E+00
96	-0.33490E-01	0.00000E+00	0.43477E-03	0.00000E+00
97	-0.37559E-01	0.00000E+00	0.13572E-02	0.00000E+00
98	-0.39100E-01	0.00000E+00	0.18524E-02	0.00000E+00
99	-0.43187E-01	0.92991E-03	0.90464E-02	0.00000E+00
100	-0.54612E-01	0.11996E-02	0.21350E-01	0.00000E+00
101	-0.74875E-01	0.40602E-03	0.45287E-01	0.00000E+00
102	-0.85535E-01	-0.63419E-02	0.87128E-01	0.00000E+00
103	-0.82289E-01	-0.29223E-02	0.67273E-01	0.00000E+00
104	-0.87467E-01	-0.64497E-02	0.83452E-01	0.00000E+00
105	-0.87992E-01	-0.64209E-02	0.87828E-01	0.00000E+00
106	-0.85734E-01	-0.34182E-02	0.69656E-01	0.00000E+00
107	-0.90963E-01	-0.67911E-02	0.85700E-01	0.00000E+00
108	-0.90103E-01	-0.64727E-02	0.88451E-01	0.00000E+00
109	-0.91795E-01	-0.65069E-02	0.88969E-01	0.00000E+00
110	-0.90650E-01	-0.41636E-02	0.72407E-01	0.00000E+00
111	-0.93686E-01	-0.71170E-02	0.87325E-01	0.00000E+00
112	-0.93208E-01	-0.65221E-02	0.89387E-01	0.00000E+00
113	-0.92457E-01	-0.46414E-02	0.76014E-01	0.00000E+00
114	-0.94215E-01	-0.65108E-02	0.69679E-01	0.00000E+00
115	-0.94919E-01	-0.64866E-02	0.89856E-01	0.00000E+00
116	-0.95243E-01	-0.64469E-02	0.89381E-01	0.00000E+00

127

000130

5622

5622

128

117	-0.94843E-01	-0.70595E-02	0.87891E-01	0.00000E+00
118	-0.95255E-01	-0.64240E-02	0.89850E-01	0.00000E+00
119	-0.95206E-01	-0.63782E-02	0.89720E-01	0.00000E+00
120	-0.95684E-01	-0.68472E-02	0.88208E-01	0.00000E+00
121	-0.95091E-01	-0.63066E-02	0.89517E-01	0.00000E+00
122	-0.95082E-01	-0.62434E-02	0.89606E-01	-0.15833E-04
123	-0.95033E-01	-0.61042E-02	0.89665E-01	-0.29135E-04
124	-0.94946E-01	-0.58752E-02	0.89726E-01	-0.45588E-04
125	-0.94788E-01	-0.55304E-02	0.89784E-01	-0.67199E-04
126	-0.94385E-01	-0.46797E-02	0.89879E-01	-0.98647E-04
127	-0.93871E-01	-0.36014E-02	0.89968E-01	-0.11349E-03
128	-0.92742E-01	-0.10794E-02	0.90152E-01	-0.10855E-03
129	-0.91851E-01	0.10369E-02	0.90317E-01	-0.81521E-04
130	-0.91229E-01	0.26432E-02	0.90496E-01	-0.42847E-04
131	-0.91016E-01	0.33198E-02	0.90771E-01	0.56045E-05
132	-0.91267E-01	0.25498E-02	0.91022E-01	0.23489E-04
133	-0.91547E-01	0.15396E-02	0.91251E-01	0.19610E-04
134	-0.91692E-01	0.91921E-03	0.91441E-01	0.95177E-05
135	-0.91742E-01	0.69114E-03	0.91596E-01	0.38069E-05
136	-0.91773E-01	0.51373E-03	0.91708E-01	0.51973E-05
137	-0.91796E-01	0.29409E-03	0.91778E-01	0.55597E-05
138	-0.91813E-01	0.47297E-04	0.91814E-01	0.63283E-05
139	-0.91813E-01	0.56960E-05	0.91813E-01	0.57218E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1100E+01

129

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.53488E-01	-0.43010E-01	0.23749E-01	-0.35418E+01	-0.43934E-01	0.35488E+01
2	0.15473E+00	-0.45674E-01	0.58082E-01	-0.30737E+01	-0.72249E-01	0.30612E+01
3	0.28596E+00	-0.37315E-01	0.39152E-01	-0.24187E+01	-0.68479E-01	0.24295E+01
4	-0.32370E-01	-0.28852E-01	-0.15112E+00	-0.19105E+01	0.53608E-01	0.19671E+01
5	0.16689E+00	-0.13620E-01	0.46127E-01	-0.19323E+01	-0.20388E-01	0.19822E+01
6	-0.48192E-01	-0.71590E-01	-0.21629E-01	-0.19865E+01	0.94046E-02	0.20276E+01
7	-0.49304E-01	-0.26918E-02	-0.42851E-03	-0.13493E+01	0.21156E-01	0.13520E+01
8	-0.11886E+00	-0.20937E-01	-0.12088E-01	-0.13517E+01	0.50532E-01	0.14099E+01
9	-0.12570E+00	-0.37196E+00	-0.18361E+00	-0.34493E+01	-0.15325E-01	0.34760E+01
10	-0.38595E-01	-0.40732E+00	-0.13333E+00	-0.30700E+01	-0.22851E-01	0.30926E+01
11	0.11596E+00	-0.35044E+00	0.48956E-01	-0.25735E+01	-0.16631E-02	0.23903E+01
12	-0.33573E+00	-0.24632E+00	-0.17092E+00	-0.20637E+01	0.13111E+00	0.20285E+01
13	0.17540E-01	-0.16494E+00	0.31468E-01	-0.21245E+01	0.12778E-01	0.21567E+01
14	-0.30304E+00	-0.25687E+00	-0.10831E+00	-0.21957E+01	0.85976E-01	0.22584E+01
15	-0.31157E+00	-0.78172E-01	-0.66556E-01	-0.14913E+01	0.14278E+00	0.14923E+01
16	-0.37166E+00	-0.66636E-01	-0.41297E-01	-0.15558E+01	0.16093E+00	0.16208E+01
17	-0.15214E+00	-0.51734E+00	-0.23744E+00	-0.32960E+01	-0.51388E-01	0.33922E+01
18	0.30299E-01	-0.59411E+00	-0.14885E+00	-0.30318E+01	-0.11241E+00	0.31012E+01
19	0.38459E+00	-0.60976E+00	0.10889E+00	-0.27102E+01	-0.19564E+00	0.27792E+01
20	-0.49940E+00	-0.37530E+00	-0.21103E+00	-0.23117E+01	0.16004E+00	0.22628E+01
21	0.28186E-01	-0.51809E+00	-0.63140E-01	-0.24141E+01	-0.93310E-01	0.25621E+01
22	-0.51829E+00	-0.10065E+01	-0.44639E+00	-0.25349E+01	0.55984E-01	0.27666E+01
23	-0.57766E+00	-0.14971E+00	-0.11526E+00	-0.18159E+01	0.24380E+00	0.18472E+01
24	-0.11840E+01	-0.46991E+00	-0.44273E+00	-0.20447E+01	0.42740E+00	0.19787E+01
25	-0.59356E+00	-0.53973E+00	-0.22428E+00	-0.20991E+01	0.19528E+00	0.22776E+01
26	-0.20523E+01	-0.16355E+01	-0.12142E+01	-0.23305E+01	0.51717E+00	0.25423E+01
27	-0.13267E+00	-0.51657E+00	-0.23148E+00	-0.31566E+01	-0.80566E-01	0.32873E+01
28	0.98635E-01	-0.62647E+00	-0.14185E+00	-0.29218E+01	-0.20928E+00	0.30635E+01
29	0.69103E+00	-0.67700E+00	0.15506E+00	-0.25550E+01	-0.54367E+00	0.28541E+01
30	-0.10937E+00	-0.72708E+00	-0.15678E+00	-0.25040E+01	-0.52564E-01	0.27655E+01
31	0.79731E-01	-0.89122E+00	-0.19169E+00	-0.23488E+01	-0.35185E+00	0.28740E+01
32	-0.24277E+00	-0.97000E+00	-0.32829E+00	-0.22696E+01	-0.22594E+00	0.29273E+01
33	-0.14657E+01	-0.12989E+01	-0.85092E+00	-0.23796E+01	0.30382E+00	0.26759E+01
34	-0.34245E+01	-0.25752E+01	-0.21209E+01	-0.24674E+01	0.73389E+00	0.29092E+01
35	-0.10100E+01	-0.96419E+00	-0.50532E+00	-0.24318E+01	0.23392E+00	0.29070E+01
36	0.24760E+00	-0.29430E+00	0.22210E+00	-0.22650E+01	-0.25592E+00	0.29994E+01
37	-0.13710E+01	-0.15018E+01	-0.86330E+00	-0.25331E+01	0.25180E+00	0.31086E+01
38	-0.13229E-01	-0.31221E+00	-0.13140E+00	-0.30199E+01	-0.11677E+00	0.30411E+01
39	0.24484E+00	-0.37767E+00	-0.74932E-01	-0.28281E+01	-0.33216E+00	0.28371E+01
40	0.73922E+00	-0.65270E+00	0.64775E-01	-0.24245E+01	-0.93420E+00	0.28009E+01
41	0.93621E+00	-0.24087E+00	0.12195E+00	-0.25515E+01	-0.85762E+00	0.27213E+01
42	0.11297E+01	-0.29026E+00	0.31546E-01	-0.24567E+01	-0.10447E+01	0.23933E+01
43	0.30523E+00	-0.57659E+00	-0.21313E-01	-0.22862E+01	-0.53780E+00	0.29334E+01
44	0.64395E+00	-0.29768E+00	0.14626E+00	-0.22215E+01	-0.86280E+00	0.25275E+01
45	0.96420E+00	-0.14956E+00	0.19632E+00	-0.23233E+01	-0.82763E+00	0.25071E+01
46	0.52543E+00	-0.46057E+00	-0.14652E+00	-0.22414E+01	-0.60581E+00	0.22226E+01
47	-0.37924E+00	-0.89063E+00	-0.25124E+00	-0.23853E+01	-0.18146E+00	0.31380E+01
48	-0.35994E+00	-0.93721E+00	-0.24036E+00	-0.25422E+01	-0.20908E+00	0.31756E+01
49	0.15736E+00	-0.80761E+00	-0.79260E-01	-0.24609E+01	-0.68017E+00	0.33766E+01
50	0.22590E+01	0.14603E+00	0.10178E+01	-0.20778E+01	-0.17976E+01	0.23080E+01
51	0.36427E+00	0.10926E+00	0.52371E+00	-0.99904E-01	-0.22901E+00	-0.62150E+00
52	0.17759E+01	0.13479E+01	0.14322E+01	0.89799E+00	-0.99270E+00	-0.30473E+01
53	0.90906E+00	-0.57038E+00	-0.51488E-01	-0.18707E+01	-0.92025E+00	0.19989E+01
54	0.20972E+00	0.71476E-01	0.66211E-01	-0.28190E+01	-0.13102E+00	0.25843E+01

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5622

55	0.41760E+00	-0.62136E-01	-0.80564E-02	-0.26845E+01	-0.36033E+00	0.24343E+01
56	0.11004E+01	-0.10680E+00	-0.13417E+00	-0.23268E+01	-0.98146E+00	0.21465E+01
57	0.85404E+00	-0.14284E+00	-0.55109E-01	-0.20586E+01	-0.70158E+00	0.19560E+01
58	0.94002E+00	-0.21999E+00	-0.11873E+00	-0.17110E+01	-0.82248E+00	0.16971E+01
59	0.57572E-01	0.11613E+00	0.27801E-01	-0.27523E+01	0.14885E-01	0.23365E+01
60	0.51603E+00	0.49135E+00	0.29553E+00	-0.26149E+01	-0.21686E+00	0.19090E+01
61	0.36305E+00	0.37212E+00	0.14919E+00	-0.26021E+01	-0.15952E+00	0.19068E+01
62	0.33258E+00	0.55564E+00	0.27580E+00	-0.25412E+01	0.28387E-01	0.15567E+01
63	0.48921E+00	0.22191E+00	0.37946E-01	-0.25108E+01	-0.29717E+00	0.20079E+01
64	0.58650E+00	0.53313E+00	0.13683E+00	-0.23081E+01	-0.24205E+00	0.15483E+01
65	0.98239E+00	0.49877E-01	-0.30048E+00	-0.22775E+01	-0.79557E+00	0.19074E+01
66	0.12591E+01	0.28793E+00	-0.30212E+00	-0.20558E+01	-0.88087E+00	0.15250E+01
67	0.98386E+00	0.63222E+00	-0.33964E+00	-0.17701E+01	-0.67290E+00	0.10478E+01
68	0.96597E+00	0.31159E-01	-0.10635E+00	-0.19580E+01	-0.64940E+00	0.16883E+01
69	0.37282E+00	0.26488E+00	-0.92625E-01	-0.13244E+01	-0.49904E+00	0.13355E+01
70	0.13081E+01	0.52547E+00	0.37459E-01	-0.15910E+01	-0.62421E+00	0.92521E+00
71	0.11049E+01	0.83673E-01	-0.12378E+00	-0.16372E+01	-0.69786E+00	0.13264E+01
72	0.11951E+01	0.27581E+00	-0.13452E+00	-0.14948E+01	-0.64272E+00	0.98065E+00
73	0.27460E+00	0.30397E+00	0.94962E-01	-0.22756E+01	-0.70487E-01	0.76328E+00
74	0.41788E+00	0.28333E+00	-0.10940E+00	-0.20016E+01	-0.19437E+00	0.68343E+00
75	0.83787E+00	0.27195E+00	-0.66295E+00	-0.16325E+01	-0.52446E+00	0.56816E+00
76	0.10257E+01	0.31101E+00	-0.16624E+00	-0.17391E+01	-0.43658E+00	0.92577E+00
77	0.75609E+00	0.44921E+00	-0.21967E+00	-0.12163E+01	-0.31512E+00	0.33028E+00
78	0.68879E+00	0.10046E+00	-0.43763E+00	-0.94340E+00	-0.32520E+00	0.19565E+00
79	0.12629E+01	0.36235E+00	-0.13895E+00	-0.12201E+01	-0.47234E+00	0.52900E+00
80	0.14453E+01	0.45474E+00	-0.48165E-01	-0.86114E+00	-0.35975E+00	0.20037E+00
81	0.73480E+00	0.19428E+00	-0.41641E+00	-0.50366E+00	-0.31280E+00	0.78317E-01
82	0.85555E+00	0.18989E+00	-0.38083E+00	-0.40978E+00	-0.30062E+00	0.10483E+00
83	0.12740E+01	0.22500E+00	-0.24659E+00	-0.74165E+00	-0.34617E+00	0.22277E+00
84	0.15473E+01	0.39977E+00	-0.89097E-01	-0.80401E+00	-0.51388E+00	0.22950E+00
85	0.17450E+01	0.24007E+00	-0.89897E-01	-0.11659E+01	-0.61767E+00	0.61674E+00
86	0.17208E+01	0.25242E+00	-0.16263E+00	-0.94738E+00	-0.59338E+00	0.42999E+00
87	0.12766E+01	0.33275E+00	-0.17712E+00	-0.11452E+01	-0.65372E+00	0.60705E+00
88	0.12890E+01	0.52436E-01	-0.18620E+00	-0.12530E+01	-0.82186E+00	0.10345E+01
89	0.13648E+01	0.56578E-01	-0.19394E+00	-0.10643E+01	-0.87262E+00	0.93173E+00
90	0.16033E+01	0.19963E+00	-0.17704E+00	-0.73832E+00	-0.91512E+00	0.44655E+00
91	0.16634E+01	0.25812E+00	-0.77863E-01	-0.73304E+00	-0.97302E+00	0.67499E+00
92	0.16651E+01	0.29231E+00	-0.10834E+00	-0.57164E+00	-0.95694E+00	0.46761E+00
93	0.10676E+01	-0.77193E+00	-0.73185E-01	-0.12959E+01	-0.10507E+01	0.16060E+01
94	0.11899E+01	-0.13452E+00	0.11372E+00	-0.13010E+01	-0.94754E+00	0.15299E+01
95	0.83464E+00	0.17491E+00	0.15376E+00	-0.58916E+00	-0.91234E+00	0.11491E+01
96	0.10335E+01	-0.97096E-01	-0.99565E-01	-0.12925E+01	-0.88083E+00	0.12755E+01
97	0.73599E+00	0.48744E-01	0.13301E-01	-0.10155E+01	-0.90144E+00	0.98910E+00
98	0.89422E+00	0.69072E-01	-0.10452E+00	-0.86684E+00	-0.83871E+00	0.94643E+00
99	0.96693E+00	-0.13202E+00	-0.26761E+00	-0.10137E+01	-0.82279E+00	0.96822E+00
100	0.73515E+00	-0.14391E+00	-0.30126E+00	-0.72448E+00	-0.81735E+00	0.72023E+00
101	0.87377E+00	0.41457E-01	-0.15217E+00	-0.52479E+00	-0.82008E+00	0.55574E+00
102	0.62478E+00	-0.16431E+00	-0.53259E+00	-0.59201E+00	-0.75746E+00	0.53724E+00
103	0.38196E+00	0.54049E-01	-0.39381E+00	-0.12908E+00	-0.71611E+00	0.28152E+00
104	0.44609E+00	0.16546E+00	-0.34488E+00	-0.86458E-02	-0.70851E+00	0.19997E+00
105	0.12434E+01	-0.23197E+00	0.30615E+00	-0.11464E+01	-0.12773E+01	0.14798E+01
106	0.19483E+01	0.10235E+01	0.13888E+01	-0.15804E-01	-0.13652E+01	0.71458E+00
107	0.14927E+01	0.62888E+00	0.98520E+00	-0.58608E+00	-0.13121E+01	0.10479E+01
108	0.12434E+01	0.54938E+00	0.83288E+00	-0.58455E+00	-0.12609E+01	0.10569E+01
109	0.11682E+01	0.51736E+00	0.85761E+00	-0.19670E+00	-0.12613E+01	0.71549E+00
110	0.19550E+00	-0.30835E+00	0.51054E-01	-0.89087E+00	-0.11624E+01	0.11054E+01
111	-0.33351E-01	-0.18229E+00	0.98552E-01	-0.62447E+00	-0.10885E+01	0.61485E+00
112	-0.52690E-01	-0.19672E+00	0.64638E-01	-0.10032E+01	-0.10812E+01	0.60867E+00
113	-0.41271E+00	-0.53601E+00	-0.39619E+00	-0.10895E+01	-0.92033E+00	0.11770E+01
114	-0.34159E+00	-0.37309E+00	-0.15620E+00	-0.89882E+00	-0.87366E+00	0.59493E+00

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115	-0.33724E+00	-0.39472E+00	-0.24870E+00	-0.15931E+01	-0.85024E+00	0.57689E+00
116	-0.23523E+00	-0.50924E+00	-0.41044E+00	-0.12280E+01	-0.67475E+00	0.10188E+01
117	0.16735E+00	-0.59757E-01	-0.17635E-01	-0.13342E+01	-0.57074E+00	0.54059E+00
118	0.11769E+00	-0.80445E-01	-0.12234E+00	-0.11476E+01	-0.54347E+00	0.50004E+00
119	0.34260E-02	-0.42124E+00	-0.40945E+00	-0.96309E+00	-0.43811E+00	0.76479E+00
120	0.27010E+00	0.90603E-02	-0.11772E+00	-0.95494E+00	-0.36071E+00	0.44688E+00
121	0.23837E+00	-0.20803E-03	-0.18592E+00	-0.80396E+00	-0.34248E+00	0.39302E+00
122	-0.12624E+00	-0.54143E+00	-0.60946E+00	-0.79459E+00	-0.26696E+00	0.60170E+00
123	-0.40297E-01	-0.17136E+00	-0.43107E+00	-0.62753E+00	-0.19514E+00	0.32785E+00
124	-0.54294E-01	-0.17147E+00	-0.46594E+00	-0.46355E+00	-0.18470E+00	0.26476E+00
125	0.32285E-01	-0.10246E+00	-0.43541E+00	-0.39477E+00	-0.15896E+00	0.31673E+00
126	-0.17665E+00	-0.24078E+00	-0.57610E+00	-0.25536E+00	-0.12334E+00	0.18132E+00
127	-0.17533E+00	-0.23307E+00	-0.58051E+00	-0.92333E-01	-0.12048E+00	0.13447E+00
128	-0.45205E+00	-0.37722E+00	-0.76555E+00	-0.18383E+00	-0.80990E-01	0.17628E+00
129	-0.95023E+00	-0.71201E+00	-0.11012E+01	-0.11024E-01	-0.21466E-01	0.54579E-01
183	0.14400E+01	-0.46816E+00	0.30120E+00	-0.19499E+01	-0.13506E+01	0.22980E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.44257E+00	0.29505E+01	-0.25079E+01	-0.30285E+02	0.73254E+01	0.13245E+02
131	0.40827E-01	0.27218E+00	-0.23135E+00	-0.71439E+02	0.11212E+02	0.40934E+02
132	0.10531E+00	0.70210E+00	-0.59678E+00	-0.12069E+03	0.19024E+02	0.71006E+02
133	0.40844E-01	0.27229E+00	-0.23145E+00	-0.17728E+03	0.27322E+02	0.10536E+03
134	0.97382E-01	0.64921E+00	-0.55183E+00	-0.24211E+03	0.36675E+02	0.14751E+03
135	0.20164E+00	0.13442E+01	-0.11426E+01	-0.29214E+03	0.44794E+02	0.18608E+03
136	0.85447E-01	0.56965E+00	-0.48420E+00	-0.33341E+03	0.48078E+02	0.21343E+03
137	-0.69826E-01	0.46551E+00	-0.39568E+00	-0.32462E+03	0.57068E+02	0.22522E+03
138	0.29136E+00	0.19424E+01	-0.13355E+01	-0.33593E+03	0.11711E+03	0.24426E+03
139	-0.45485E+00	-0.30323E+01	0.36975E+01	-0.32288E+03	0.23916E+03	0.25778E+03
140	-0.16526E+01	-0.11017E+02	0.93647E+01	-0.41879E+03	0.28941E+03	0.29399E+03
141	-0.15809E+01	-0.10540E+02	0.89587E+01	-0.41879E+03	0.29495E+03	0.31374E+03
142	-0.17952E+01	-0.11963E+02	0.10173E+02	-0.44317E+03	0.29528E+03	0.33483E+03
143	-0.18489E+01	-0.12326E+02	0.10477E+02	0.17977E+03	0.38767E+03	-0.30293E+03
144	-0.21951E+01	-0.14634E+02	0.12439E+02	0.17383E+03	0.37802E+03	-0.28695E+03
145	0.69860E+00	0.46573E+01	-0.26004E+01	-0.17314E+03	0.26670E+03	-0.65638E+03
146	0.28834E+00	0.19223E+01	-0.25046E+01	-0.16927E+03	0.19710E+03	-0.56344E+03
147	0.29554E+00	0.19703E+01	-0.24626E+01	-0.16109E+03	0.20388E+03	-0.55525E+03
148	0.30365E+00	0.20245E+01	0.10542E+01	-0.15752E+03	0.21070E+03	-0.55646E+03
149	-0.31296E+00	0.20864E+01	0.10121E+01	-0.15436E+03	0.21833E+03	-0.56630E+03
150	0.35805E+00	0.23870E+01	0.61549E+00	-0.11965E+03	0.23961E+03	-0.55064E+03
151	0.42730E+00	0.28487E+01	0.12840E+02	-0.11347E+03	0.27020E+03	-0.56319E+03
152	0.39142E+00	0.26094E+01	0.22816E+02	-0.11198E+03	0.24630E+03	-0.55834E+03
153	0.33816E+00	0.22544E+01	0.20154E+02	-0.96665E+02	0.21280E+03	-0.54531E+03
154	0.22282E+00	0.14855E+01	0.38492E+02	-0.83131E+02	0.13731E+03	-0.52985E+03
155	0.59123E-01	0.39415E+00	0.31505E+02	-0.84514E+02	0.27064E+02	-0.49546E+03
156	-0.75161E-01	-0.50108E+00	0.26985E+02	-0.67172E+02	-0.60597E+02	-0.45957E+03
157	-0.18534E+00	-0.12356E+01	0.21534E+02	-0.58354E+02	-0.13334E+03	-0.40955E+03
158	-0.27511E+00	-0.18341E+01	0.18057E+02	-0.45812E+02	-0.19180E+03	-0.36131E+03
159	-0.34587E+00	-0.23058E+01	0.12891E+02	-0.22678E+02	-0.23589E+03	-0.30023E+03
160	-0.39728E+00	-0.26485E+01	0.91476E+01	-0.13286E+02	-0.26903E+03	-0.24330E+03
161	-0.47611E+00	-0.31741E+01	0.49412E+01	0.11334E+01	-0.29954E+03	-0.17414E+03
162	-0.50071E+00	-0.33381E+01	0.67772E+00	0.63287E+01	-0.29486E+03	-0.12451E+03
163	-0.58468E+00	-0.38979E+01	-0.11837E+00	0.18913E+02	-0.34258E+03	-0.89318E+02
164	-0.59377E+00	-0.39585E+01	-0.67069E+00	0.39755E+02	-0.34482E+03	-0.62494E+02

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165	-0.34175E+03	-0.53875E+02	0.15941E+01	-0.20677E+02	-0.35658E+03	-0.48870E+02
166	-0.28199E+03	-0.40989E+02	-0.23218E+01	-0.16099E+02	-0.33229E+03	-0.44419E+02
167	-0.22668E+03	-0.30491E+02	-0.40243E+01	-0.13391E+02	-0.28478E+03	-0.40742E+02
168	-0.17572E+03	-0.22269E+02	-0.44764E+01	-0.10677E+02	-0.23579E+03	-0.37635E+02
169	-0.11454E+03	-0.11737E+02	-0.56617E+01	-0.81662E+01	-0.20327E+03	-0.34162E+02
170	-0.53282E+02	-0.39777E+00	-0.77059E+01	-0.53116E+01	-0.18313E+03	-0.30181E+02
171	0.97227E+01	0.10535E+02	-0.89394E+01	-0.14619E+01	-0.14568E+03	-0.24604E+02
172	0.47395E+02	0.15635E+02	-0.82198E+01	0.25121E+01	-0.95702E+02	-0.18615E+02
173	0.49213E+02	0.12822E+02	-0.51439E+01	0.48097E+01	-0.51060E+02	-0.14505E+02
174	0.30527E+02	0.63288E+01	-0.16101E+01	0.54691E+01	-0.18820E+02	-0.11820E+02
175	0.73643E+01	0.57562E+00	0.48361E+00	0.40567E+01	-0.96387E+01	-0.10819E+02
176	-0.12085E+01	-0.92925E+00	0.66612E+00	0.26206E+01	-0.13203E+02	-0.10260E+02
177	-0.23657E+01	-0.74686E+00	0.35969E+00	0.16027E+01	-0.15564E+02	-0.85486E+01
178	-0.95669E+00	-0.13768E+00	-0.11305E-01	0.10446E+01	-0.12090E+02	-0.62162E+01
179	0.24639E+00	0.11436E+00	-0.71926E-01	0.95531E+00	-0.85188E+01	-0.43481E+01
180	0.54131E-01	0.46404E-01	-0.35303E-01	0.78054E+00	-0.49124E+01	-0.26030E+01
181	0.85637E-01	0.83675E-01	-0.66758E-01	0.68935E+00	-0.22202E+01	-0.89580E+00
182	-0.26795E+00	-0.12445E+00	0.73266E-01	0.26283E+00	0.53730E+00	0.38789E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1200E+01 (FOR FOURTER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.69049E-02	-0.21829E-04	-0.69833E-02	0.00000E+00
3	0.12071E-01	0.32507E-04	-0.12046E-01	0.00000E+00
4	0.13036E-01	0.40278E-04	-0.12959E-01	0.00000E+00
5	0.14104E-01	0.50542E-06	-0.14095E-01	0.00000E+00
6	0.14532E-01	0.28668E-05	-0.14533E-01	0.00000E+00
7	0.14064E-01	0.34246E-03	-0.14051E-01	0.00000E+00
8	0.14546E-01	0.34420E-03	-0.14548E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.66030E-02	0.17721E-03	-0.65102E-02	0.00000E+00
11	0.11674E-01	0.40765E-03	-0.11601E-01	0.00000E+00
12	0.12722E-01	0.50748E-03	-0.12681E-01	0.00000E+00
13	0.13994E-01	0.56515E-03	-0.13968E-01	0.00000E+00
14	0.14582E-01	0.58989E-03	-0.14606E-01	0.00000E+00
15	0.13989E-01	0.89797E-03	-0.14029E-01	0.00000E+00
16	0.14648E-01	0.89304E-03	-0.14716E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.62498E-02	0.36739E-03	-0.63094E-02	0.00000E+00
19	0.11313E-01	0.84504E-03	-0.11369E-01	0.00000E+00
20	0.12470E-01	0.10474E-02	-0.12517E-01	0.00000E+00
21	0.13964E-01	0.11383E-02	-0.14016E-01	0.00000E+00
22	0.14752E-01	0.11556E-02	-0.14893E-01	0.00000E+00
23	0.13990E-01	0.15879E-02	-0.14088E-01	0.00000E+00
24	0.14903E-01	0.15977E-02	-0.15159E-01	0.00000E+00
25	0.15000E-01	0.19438E-02	-0.15335E-01	0.00000E+00
26	0.15059E-01	0.20905E-02	-0.15444E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.57251E-02	0.50054E-03	-0.58796E-02	0.00000E+00
29	0.10668E-01	0.12122E-02	-0.10788E-01	0.00000E+00
30	0.12000E-01	0.15771E-02	-0.12052E-01	0.00000E+00
31	0.13806E-01	0.19507E-02	-0.14013E-01	0.00000E+00
32	0.15113E-01	0.22572E-02	-0.15561E-01	0.00000E+00
33	0.13722E-01	0.20341E-02	-0.13960E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.55404E-02	0.48817E-03	-0.56920E-02	0.00000E+00
36	0.10409E-01	0.11876E-02	-0.10482E-01	0.00000E+00
37	0.11775E-01	0.15459E-02	-0.11702E-01	0.00000E+00
38	0.13643E-01	0.19858E-02	-0.13846E-01	0.00000E+00
39	0.15194E-01	0.23213E-02	-0.15763E-01	0.00000E+00
40	0.15178E-01	0.23157E-02	-0.15722E-01	0.00000E+00
41	0.15162E-01	0.23104E-02	-0.15684E-01	0.00000E+00
42	0.15146E-01	0.23004E-02	-0.15631E-01	0.00000E+00
43	0.11371E-01	0.12146E-02	-0.10785E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.50126E-02	0.28343E-03	-0.46220E-02	0.00000E+00
46	0.95896E-02	0.66475E-03	-0.85801E-02	0.00000E+00
47	0.15197E-01	0.23212E-02	-0.15769E-01	0.00000E+00
48	0.15199E-01	0.23215E-02	-0.15777E-01	0.00000E+00
49	0.13609E-01	0.19534E-02	-0.13782E-01	0.00000E+00
50	0.15206E-01	0.23365E-02	-0.15795E-01	0.00000E+00
51	0.13222E-01	0.15598E-02	-0.12624E-01	0.00000E+00
52	0.14800E-01	0.20272E-02	-0.14178E-01	0.00000E+00
53	0.15190E-01	0.23070E-02	-0.15744E-01	0.00000E+00
54	0.10968E-01	0.88744E-03	-0.96273E-02	0.00000E+00
55	0.12743E-01	0.11654E-02	-0.11222E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.47188E-02	0.43616E-04	-0.32797E-02	0.00000E+00
58	0.90265E-02	0.10228E-03	-0.62661E-02	0.00000E+00
59	0.14167E-01	0.14442E-02	-0.12376E-01	0.00000E+00
60	0.14620E-01	0.18813E-02	-0.13668E-01	0.00000E+00
61	0.15209E-01	0.23442E-02	-0.15807E-01	0.00000E+00
62	0.10265E-01	0.11257E-03	-0.70240E-02	0.00000E+00
63	0.11892E-01	0.14803E-03	-0.81137E-02	0.00000E+00
64	0.14862E-01	0.20427E-02	-0.14238E-01	0.00000E+00
65	0.15210E-01	0.23518E-02	-0.15818E-01	0.00000E+00
66	0.15225E-01	0.23667E-02	-0.15841E-01	0.00000E+00
67	0.15240E-01	0.23814E-02	-0.15864E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.45733E-02	-0.37709E-04	-0.21406E-02	0.00000E+00
70	0.85919E-02	-0.15875E-03	-0.40915E-02	0.00000E+00
71	0.13256E-01	0.21539E-03	-0.91002E-02	0.00000E+00
72	0.14831E-01	0.19680E-02	-0.13870E-01	0.00000E+00
73	0.11192E-01	-0.30555E-03	-0.52271E-02	0.00000E+00
74	0.15165E-01	0.20561E-02	-0.14158E-01	0.00000E+00
75	0.15253E-01	0.23941E-02	-0.15884E-01	0.00000E+00
76	0.15333E-01	0.24168E-02	-0.15914E-01	0.00000E+00
77	0.12359E-01	-0.40165E-03	-0.56704E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.44675E-02	-0.10051E-03	-0.11559E-02	0.00000E+00
80	0.82179E-02	-0.35197E-03	-0.20174E-02	0.00000E+00
81	0.91889E-02	-0.50471E-03	-0.22489E-02	0.00000E+00
82	0.10521E-01	-0.65537E-03	-0.26276E-02	0.00000E+00
83	0.14442E-01	0.30213E-03	-0.99498E-02	0.00000E+00
84	0.12825E-01	-0.94501E-03	-0.37492E-02	0.00000E+00
85	0.15500E-01	0.24458E-02	-0.15952E-01	0.00000E+00
86	0.15539E-01	0.21441E-02	-0.14442E-01	0.00000E+00
87	0.11646E-01	-0.82853E-03	-0.29311E-02	0.00000E+00
88	0.15037E-01	0.12821E-02	-0.12295E-01	0.00000E+00
89	0.15644E-01	0.24718E-02	-0.15985E-01	0.00000E+00
90	0.94242E-02	-0.41136E-03	-0.11173E-02	0.00000E+00
91	0.10009E-01	-0.51340E-03	-0.10798E-02	0.00000E+00
92	0.10341E-01	-0.57741E-03	-0.10751E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.36555E-02	0.00000E+00	0.65249E-04	0.00000E+00
95	0.67828E-02	0.00000E+00	0.67955E-04	0.00000E+00
96	0.75080E-02	0.00000E+00	0.85428E-04	0.00000E+00
97	0.82728E-02	0.00000E+00	0.73767E-04	0.00000E+00
98	0.84882E-02	0.00000E+00	0.80943E-04	0.00000E+00
99	0.92774E-02	-0.30962E-03	-0.56302E-03	0.00000E+00
100	0.10871E-01	-0.70848E-03	-0.14349E-02	0.00000E+00
101	0.13749E-01	-0.10795E-02	-0.40494E-02	0.00000E+00
102	0.16018E-01	0.25060E-02	-0.16027E-01	0.00000E+00
103	0.15092E-01	0.31219E-03	-0.10389E-01	0.00000E+00
104	0.16115E-01	0.22777E-02	-0.14794E-01	0.00000E+00
105	0.16306E-01	0.25353E-02	-0.16057E-01	0.00000E+00
106	0.15648E-01	0.31888E-03	-0.10744E-01	0.00000E+00
107	0.16563E-01	0.23643E-02	-0.14984E-01	0.00000E+00
108	0.16553E-01	0.25588E-02	-0.16074E-01	0.00000E+00
109	0.16743E-01	0.25759E-02	-0.16075E-01	0.00000E+00
110	0.16559E-01	0.29223E-03	-0.11275E-01	0.00000E+00
111	0.16948E-01	0.24047E-02	-0.15129E-01	0.00000E+00
112	0.16903E-01	0.25881E-02	-0.16062E-01	0.00000E+00
113	0.16926E-01	0.67144E-03	-0.12116E-01	0.00000E+00
114	0.17016E-01	0.25918E-02	-0.16032E-01	0.00000E+00
115	0.17095E-01	0.25910E-02	-0.15985E-01	0.00000E+00
116	0.17139E-01	0.25823E-02	-0.15918E-01	0.00000E+00

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117	0.17169E-01	0.23291E-02	-0.15122E-01	0.00000E+00
118	0.17141E-01	0.25763E-02	-0.15679E-01	0.00000E+00
119	0.17132E-01	0.25644E-02	-0.15800E-01	0.00000E+00
120	0.17463E-01	0.21939E-02	-0.15112E-01	0.00000E+00
121	0.17112E-01	0.25428E-02	-0.15699E-01	0.00000E+00
122	0.17109E-01	0.25267E-02	-0.15717E-01	0.41130E-05
123	0.17096E-01	0.24905E-02	-0.15727E-01	0.76793E-05
124	0.17072E-01	0.24301E-02	-0.15737E-01	0.12170E-04
125	0.17028E-01	0.23378E-02	-0.15745E-01	0.18159E-04
126	0.16917E-01	0.21072E-02	-0.15759E-01	0.26954E-04
127	0.16775E-01	0.18126E-02	-0.15771E-01	0.31146E-04
128	0.16460E-01	0.11195E-02	-0.15795E-01	0.30029E-04
129	0.16209E-01	0.53229E-03	-0.15816E-01	0.22852E-04
130	0.16028E-01	0.76669E-04	-0.15839E-01	0.12525E-04
131	0.15947E-01	-0.15223E-03	-0.15875E-01	-0.25329E-06
132	0.15985E-01	-0.10628E-04	-0.15909E-01	-0.46389E-05
133	0.16036E-01	0.18261E-03	-0.15941E-01	-0.34679E-05
134	0.16052E-01	0.26331E-03	-0.15969E-01	-0.32806E-06
135	0.16040E-01	0.19971E-03	-0.15992E-01	0.20135E-05
136	0.16029E-01	0.11225E-03	-0.16009E-01	0.14156E-05
137	0.16025E-01	0.55925E-04	-0.16020E-01	0.10020E-05
138	0.16023E-01	0.64654E-05	-0.16024E-01	0.73158E-06
139	0.16023E-01	0.84798E-06	-0.16023E-01	0.84320E-06

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1200E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.29017E-01	0.13041E-01	-0.48502E-02	0.83309E+00	0.17516E-01	-0.83054E+00
2	-0.73464E-01	0.14728E-01	-0.11537E-01	0.64749E+00	0.30786E-01	-0.64324E+00
3	-0.13572E+00	0.12346E-01	0.59163E-02	0.45353E+00	0.38710E-01	-0.44079E+00
4	-0.50290E-02	-0.78708E-02	0.45674E-01	0.29317E+00	-0.10105E-01	-0.31538E+00
5	-0.78720E-01	0.76983E-02	-0.60461E-02	0.29899E+00	0.17116E-01	-0.32023E+00
6	-0.14265E-01	0.36076E-01	0.16988E-01	0.31583E+00	0.11967E-01	-0.32997E+00
7	-0.76288E-02	-0.30099E-02	0.61698E-03	0.16400E+00	0.96347E-03	-0.16678E+00
8	-0.46818E-02	0.73385E-02	0.22564E-02	0.16208E+00	0.18226E-02	-0.18268E+00
9	0.53867E-01	0.14741E+00	0.81691E-01	0.79271E+00	0.72497E-02	-0.79036E+00
10	0.12009E-01	0.15309E+00	0.67820E-01	0.64327E+00	0.15906E-01	-0.64317E+00
11	-0.80305E-01	0.12410E+00	0.13889E-01	0.47902E+00	0.29961E-01	-0.47994E+00
12	0.46646E-01	0.73687E-01	0.50104E-01	0.33572E+00	-0.11751E-01	-0.32970E+00
13	-0.35708E-01	0.62029E-01	0.79466E-02	0.35043E+00	0.15705E-01	-0.35908E+00
14	0.42774E-01	0.91167E-01	0.47169E-01	0.36701E+00	0.46820E-02	-0.37535E+00
15	0.33691E-01	0.27297E-01	0.19021E-01	0.19717E+00	-0.13579E-01	-0.20170E+00
16	0.32883E-01	0.21320E-01	0.10764E-01	0.20761E+00	-0.10873E-01	-0.22802E+00
17	0.87052E-01	0.23266E+00	0.12332E+00	0.73681E+00	0.17823E-01	-0.75149E+00
18	0.14586E-01	0.24803E+00	0.96734E-01	0.63036E+00	0.41031E-01	-0.63145E+00
19	-0.14424E+00	0.23169E+00	0.15340E-01	0.52385E+00	0.82932E-01	-0.51360E+00
20	0.95956E-01	0.12603E+00	0.81140E-01	0.40477E+00	-0.10214E-01	-0.37715E+00
21	-0.18623E-01	0.18612E+00	0.60366E-01	0.42662E+00	0.43737E-01	-0.44052E+00
22	0.11468E+00	0.34126E+00	0.17179E+00	0.45495E+00	0.16953E-01	-0.47885E+00
23	0.85938E-01	0.60073E-01	0.43053E-01	0.27117E+00	-0.24977E-01	-0.27336E+00
24	0.13691E+00	0.12123E+00	0.10079E+00	0.32968E+00	-0.55493E-01	-0.29990E+00
25	0.10449E+00	0.20634E+00	0.10109E+00	0.33136E+00	-0.95646E-02	-0.35897E+00
26	0.45340E+00	0.51721E+00	0.35374E+00	0.40714E+00	-0.69448E-01	-0.41095E+00
27	0.10184E+00	0.26685E+00	0.14232E+00	0.68697E+00	0.24272E-01	-0.71510E+00
28	0.14473E-01	0.29310E+00	0.11464E+00	0.59521E+00	0.62109E-01	-0.61306E+00
29	-0.20953E+00	0.28720E+00	0.17931E-01	0.48118E+00	0.15919E+00	-0.52201E+00
30	0.33786E-01	0.28588E+00	0.11423E+00	0.43634E+00	0.33443E-01	-0.47922E+00
31	0.20485E-01	0.35271E+00	0.14352E+00	0.38979E+00	0.10105E+00	-0.50172E+00
32	0.87740E-01	0.37170E+00	0.17435E+00	0.37626E+00	0.70569E-01	-0.51554E+00
33	0.30494E+00	0.42546E+00	0.26386E+00	0.36353E+00	-0.30757E-01	-0.43440E+00
34	0.67304E+00	0.65460E+00	0.49782E+00	0.36356E+00	-0.11462E+00	-0.47842E+00
35	0.32869E+00	0.42456E+00	0.26706E+00	0.35304E+00	-0.33274E-01	-0.47751E+00
36	-0.21882E-01	0.21872E+00	0.53272E-01	0.33144E+00	0.76295E-01	-0.49649E+00
37	0.38674E+00	0.51113E+00	0.32563E+00	0.37983E+00	-0.36188E-01	-0.52170E+00
38	0.82377E-01	0.21367E+00	0.12171E+00	0.63774E+00	0.36305E-01	-0.63410E+00
39	0.41448E-02	0.23054E+00	0.11013E+00	0.55175E+00	0.98301E-01	-0.54750E+00
40	-0.13680E+00	0.30254E+00	0.56827E-01	0.40797E+00	0.24867E+00	-0.50477E+00
41	-0.21334E+00	0.22782E+00	0.56353E-01	0.42956E+00	0.24644E+00	-0.49997E+00
42	-0.21967E+00	0.16937E+00	0.76572E-01	0.41374E+00	0.28907E+00	-0.41718E+00
43	-0.30566E-02	0.32126E+00	0.15243E+00	0.35195E+00	0.14056E+00	-0.51560E+00
44	-0.89871E-01	0.20039E+00	0.67179E-01	0.32874E+00	0.20238E+00	-0.43686E+00
45	-0.91856E-01	0.21492E+00	0.10548E+00	0.33589E+00	0.21203E+00	-0.42770E+00
46	-0.61240E-01	0.19261E+00	0.12114E+00	0.33148E+00	0.16715E+00	-0.36872E+00
47	0.12085E+00	0.34405E+00	0.15726E+00	0.34780E+00	0.58347E-01	-0.52710E+00
48	0.25420E+00	0.44485E+00	0.24660E+00	0.38104E+00	0.39963E-01	-0.53726E+00
49	0.97929E-01	0.40598E+00	0.13903E+00	0.34660E+00	0.15603E+00	-0.58342E+00
50	-0.29179E+00	0.15015E+00	-0.41611E-01	0.27038E+00	0.37081E+00	-0.38410E+00
51	0.19567E-01	0.10040E+00	0.44626E-02	0.12997E-01	0.43716E-01	-0.10250E+00
52	-0.70927E+00	-0.79892E+00	-0.62288E+00	-0.22015E+00	0.20662E+00	0.67946E+00
53	-0.11572E+00	0.22167E+00	0.11584E+00	0.23999E+00	0.23354E+00	-0.31619E+00
54	0.44795E-01	0.10693E+00	0.80477E-01	0.58609E+00	0.42151E-01	-0.48416E+00

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55	0.43224E-02	0.12033E+00	0.11042E+00	0.51372E+00	0.11244E+00	-0.42863E+00
56	-0.16413E+00	0.10699E+00	0.15060E+00	0.38169E+00	0.29608E+00	-0.34458E+00
57	-0.89104E-01	0.11396E+00	0.13629E+00	0.29139E+00	0.20238E+00	-0.30137E+00
58	-0.10399E+00	0.12412E+00	0.15185E+00	0.20425E+00	0.22529E+00	-0.24547E+00
59	0.48985E-01	0.60869E-01	0.61574E-01	0.57674E+00	-0.63043E-02	-0.40105E+00
60	-0.13442E-01	-0.63133E-02	0.34913E-01	0.55263E+00	0.67531E-01	-0.26167E+00
61	0.20398E-01	0.26693E-01	0.78599E-01	0.55435E+00	0.50872E-01	-0.26111E+00
62	-0.23005E-02	-0.26870E-01	0.21119E-01	0.54603E+00	-0.11710E-01	-0.14092E+00
63	-0.20365E-02	0.32270E-01	0.11154E+00	0.49510E+00	0.85990E-01	-0.30158E+00
64	-0.17855E-01	-0.28200E-01	0.10671E+00	0.46539E+00	0.67467E-01	-0.17011E+00
65	-0.79419E-01	0.55609E-01	0.23209E+00	0.41582E+00	0.22694E+00	-0.27339E+00
66	-0.12437E+00	0.60369E-02	0.26326E+00	0.37090E+00	0.23527E+00	-0.19553E+00
67	-0.88879E-01	-0.91174E-01	0.27034E+00	0.32769E+00	0.17945E+00	-0.77725E-01
68	-0.64026E-01	0.72556E-01	0.19163E+00	0.31314E+00	0.18294E+00	-0.23585E+00
69	-0.75984E-01	-0.30161E-01	0.16662E+00	0.29076E+00	0.13225E+00	-0.12475E+00
70	-0.13215E+00	-0.81031E-01	0.15807E+00	0.25825E+00	0.13838E+00	-0.75914E-01
71	-0.11722E+00	0.14977E-01	0.17645E+00	0.22781E+00	0.19609E+00	-0.15361E+00
72	-0.10083E+00	-0.39156E-01	0.20713E+00	0.21455E+00	0.13738E+00	-0.73863E-01
73	-0.13457E-01	-0.10855E-01	0.29316E-01	0.49733E+00	-0.27497E-02	-0.66449E-01
74	-0.25781E-01	-0.15318E-01	0.95056E-01	0.42445E+00	-0.95109E-02	-0.51586E-01
75	-0.77869E-01	-0.19621E-01	0.25515E+00	0.32569E+00	-0.28356E-01	-0.35853E-01
76	-0.77765E-01	-0.48019E-01	0.18622E+00	0.29914E+00	-0.19030E-01	-0.76302E-01
77	-0.70876E-01	-0.66943E-01	0.14468E+00	0.24401E+00	-0.20781E-01	-0.48333E-02
78	-0.34534E-01	0.65253E-01	0.19767E+00	0.18353E+00	-0.14595E-01	-0.14033E-02
79	-0.11881E+00	-0.60025E-01	0.17744E+00	0.19737E+00	-0.16085E-01	-0.22491E-01
80	-0.18140E+00	-0.90052E-01	0.11103E+00	0.14568E+00	-0.30581E-01	0.11850E-01
81	-0.91356E-01	-0.30907E-01	0.15177E+00	0.10278E+00	-0.20059E-01	0.13544E-02
82	-0.11382E+00	0.14760E-01	0.15072E+00	0.71879E-01	-0.15526E-01	0.23762E-02
83	-0.15250E+00	-0.52498E-01	0.14572E+00	0.11100E+00	-0.33480E-01	0.55231E-02
84	-0.16388E+00	-0.67351E-01	0.16269E+00	0.11275E+00	-0.12101E-01	0.13172E-01
85	-0.17513E+00	-0.27021E-01	0.20674E+00	0.16922E+00	0.17488E-02	-0.67775E-01
86	-0.16996E+00	-0.29934E-01	0.22259E+00	0.13583E+00	-0.35865E-02	-0.30136E-01
87	-0.15615E+00	-0.13323E+00	0.17549E+00	0.14158E+00	0.13340E+00	0.32988E-01
88	-0.13262E+00	0.30366E-01	0.20967E+00	0.15692E+00	0.22307E+00	-0.12067E+00
89	-0.13291E+00	0.41850E-01	0.21846E+00	0.11073E+00	0.23348E+00	-0.11739E+00
90	-0.21250E+00	-0.59959E-01	0.19007E+00	0.55838E-01	0.23285E+00	-0.32865E-01
91	-0.20434E+00	-0.19394E-02	0.18681E+00	0.77379E-01	0.25419E+00	-0.93903E-01
92	-0.21675E+00	-0.26345E-01	0.18018E+00	0.69731E-01	0.25130E+00	-0.80996E-01
93	-0.13110E+00	0.26147E+00	0.12721E+00	0.12988E+00	0.26524E+00	-0.25727E+00
94	-0.16158E+00	0.11433E+00	0.92635E-01	0.12354E+00	0.24939E+00	-0.21632E+00
95	-0.10848E+00	0.92424E-01	0.89493E-01	0.40847E-01	0.24267E+00	-0.15393E+00
96	-0.13088E+00	0.79873E-01	0.13885E+00	0.10021E+00	0.23096E+00	-0.17539E+00
97	-0.97661E-01	0.10420E+00	0.10476E+00	0.44780E-01	0.24045E+00	-0.13563E+00
98	-0.11743E+00	0.32801E-01	0.12206E+00	0.34207E-01	0.22026E+00	-0.12198E+00
99	-0.14843E+00	0.19259E-02	0.13417E+00	0.56603E-01	0.21683E+00	-0.12997E+00
100	-0.75610E-01	0.71009E-01	0.16474E+00	0.10306E-01	0.21128E+00	-0.98890E-01
101	-0.78228E-01	0.58254E-01	0.14729E+00	-0.23912E-01	0.21015E+00	-0.73412E-01
102	-0.43367E-01	0.48161E-01	0.21291E+00	0.25208E-01	0.17896E+00	-0.96531E-01
103	0.42009E-01	0.38645E-01	0.19790E+00	-0.68342E-01	0.17339E+00	-0.34774E-01
104	0.12879E-01	-0.12317E-01	0.17604E+00	-0.60057E-01	0.16976E+00	-0.33072E-01
105	-0.20896E+00	0.11408E+00	0.12589E-01	0.11130E+00	0.27959E+00	-0.22720E+00
106	-0.30750E+00	-0.10012E+00	-0.17655E+00	-0.45016E-01	0.28520E+00	-0.10851E+00
107	-0.24862E+00	-0.54428E-01	-0.12053E+00	0.28272E-01	0.27604E+00	-0.15127E+00
108	-0.21297E+00	-0.40927E-01	-0.95319E-01	0.27578E-01	0.26802E+00	-0.15297E+00
109	-0.20266E+00	-0.32334E-01	-0.10059E+00	-0.21003E-01	0.26929E+00	-0.10668E+00
110	-0.45826E-01	0.11085E+00	0.38205E-01	0.75068E-01	0.25116E+00	-0.17012E+00
111	-0.44785E-01	0.49872E-01	-0.28045E-02	0.37504E-01	0.23948E+00	-0.90294E-01
112	-0.42754E-01	0.49906E-01	0.22381E-02	0.86936E-01	0.23798E+00	-0.88704E-01
113	0.75119E-01	0.18658E+00	0.14129E+00	0.10520E+00	0.21057E+00	-0.16779E+00
114	0.93443E-02	0.79914E-01	0.42377E-01	0.72792E-01	0.20637E+00	-0.86288E-01

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115	0.14092E-01	0.79598E-01	0.55061E-01	0.15813E+00	-0.20266E+00	-0.32930E-01
116	0.66013E-01	0.19010E+00	0.15583E+00	0.11598E+00	0.17181E+00	-0.15015E+00
117	-0.39765E-01	0.43759E-01	0.38347E-01	0.12142E+00	0.15791E+00	-0.77489E-01
118	-0.35610E-01	0.41784E-01	0.50711E-01	0.98614E-01	0.15381E+00	-0.71310E-01
119	0.26940E-01	0.13176E+00	0.13837E+00	0.89135E-01	0.13376E+00	-0.10847E+00
120	-0.17483E-01	0.49754E-01	0.77054E-01	0.74244E-01	0.12491E+00	-0.63789E-01
121	-0.15905E-01	0.46047E-01	0.84709E-01	0.57927E-01	0.12187E+00	-0.56284E-01
122	0.58235E-01	0.12001E+00	0.16521E+00	0.76657E-01	0.10267E+00	-0.97653E-01
123	0.74620E-01	0.97181E-01	0.15447E+00	0.36309E-01	0.91595E-01	-0.47203E-01
124	0.74118E-01	0.91898E-01	0.15850E+00	0.17240E-01	0.89330E-01	-0.38619E-01
125	0.45861E-01	0.14842E-01	0.13454E+00	0.29577E-01	0.77070E-01	-0.55891E-01
126	0.15267E+00	0.13512E+00	0.21816E+00	-0.10429E-01	0.71018E-01	-0.26472E-01
127	0.15061E+00	0.12947E+00	0.21867E+00	-0.32528E-01	0.69736E-01	-0.20427E-01
128	0.21252E+00	0.12411E+00	0.25438E+00	-0.42943E-03	0.53782E-01	-0.38087E-01
129	0.40949E+00	0.29118E+00	0.40023E+00	-0.57350E-01	0.36688E-01	-0.66970E-02
183	-0.19926E+00	0.22687E+00	0.57677E-01	0.25156E+00	0.29895E+00	-0.37858E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.18290E+00	-0.12193E+01	0.10364E+01	0.24710E+01	-0.31814E+00	-0.89143E+00
131	-0.19981E-01	-0.13321E+00	0.11323E+00	0.66416E+01	-0.61357E+00	-0.39294E+01
132	-0.33165E-01	-0.22110E+00	0.18793E+00	0.11872E+02	-0.16216E+01	-0.73834E+01
133	-0.15153E-01	-0.10102E+00	0.85866E-01	0.18811E+02	-0.27068E+01	-0.11786E+02
134	-0.41618E-01	-0.27746E+00	0.23584E+00	0.27237E+02	-0.40596E+01	-0.17778E+02
135	-0.70017E-01	-0.46678E+00	0.39677E+00	0.35034E+02	-0.51302E+01	-0.23704E+02
136	-0.44306E-01	-0.29537E+00	0.25107E+00	0.40788E+02	-0.56737E+01	-0.28177E+02
137	-0.51468E-01	-0.34312E+00	0.29165E+00	0.36463E+02	-0.75647E+01	-0.29869E+02
138	-0.18743E-01	-0.12495E+00	0.68242E-01	0.38720E+02	-0.15318E+02	-0.32993E+02
139	0.31213E+00	0.20808E+01	-0.19127E+01	0.35424E+02	-0.31649E+02	-0.34845E+02
140	0.67397E+00	0.44931E+01	-0.38191E+01	0.51260E+02	-0.38107E+02	-0.40735E+02
141	0.63864E+00	0.42576E+01	-0.36190E+01	0.51110E+02	-0.39075E+02	-0.43865E+02
142	0.72083E+00	0.48056E+01	-0.40347E+01	0.56647E+02	-0.38920E+02	-0.47710E+02
143	0.74519E+00	0.49680E+01	-0.42228E+01	-0.32306E+02	-0.52039E+02	0.58067E+02
144	0.95083E+00	0.63339E+01	-0.53880E+01	-0.29779E+02	-0.49956E+02	0.56005E+02
145	-0.90855E-01	-0.60570E+00	-0.43119E-01	0.74660E+02	-0.26864E+02	0.10839E+03
146	-0.37026E-01	-0.24634E+00	0.16783E+00	0.56707E+02	-0.20064E+02	0.88848E+02
147	-0.37630E-01	-0.25087E+00	0.16063E+00	0.55632E+02	-0.20684E+02	0.87608E+02
148	-0.38158E-01	-0.25439E+00	-0.32691E+00	0.54727E+02	-0.21235E+02	0.87532E+02
149	-0.38639E-01	-0.25759E+00	-0.32012E+00	0.53521E+02	-0.21787E+02	0.88676E+02
150	-0.43441E-01	-0.28961E+00	-0.29163E+00	0.47366E+02	-0.24144E+02	0.85770E+02
151	-0.50174E-01	-0.33449E+00	-0.19754E+01	0.46925E+02	-0.26687E+02	0.87496E+02
152	-0.42759E-01	-0.28506E+00	-0.32866E+01	0.45577E+02	-0.21905E+02	0.86300E+02
153	-0.32802E-01	-0.21868E+00	-0.28314E+01	0.41245E+02	-0.15862E+02	0.83711E+02
154	-0.14493E-01	-0.96622E-01	-0.50982E+01	0.37774E+02	-0.40759E+01	0.80962E+02
155	0.99408E-02	0.66272E-01	-0.39509E+01	0.34541E+02	0.11863E+02	0.75343E+02
156	0.30150E-01	0.20100E+00	-0.34117E+01	0.30135E+02	0.24786E+02	0.70023E+02
157	0.47441E-01	0.31627E+00	-0.26863E+01	0.24495E+02	0.35563E+02	0.62785E+02
158	0.62397E-01	0.41598E+00	-0.23269E+01	0.20443E+02	0.45008E+02	0.56166E+02
159	0.75523E-01	0.50349E+00	-0.17576E+01	0.11983E+02	0.52562E+02	0.47762E+02
160	0.86675E-01	0.57783E+00	-0.13337E+01	0.80724E+01	0.59471E+02	0.40051E+02
161	0.10644E+00	0.70961E+00	-0.10412E+01	-0.42526E-01	0.67000E+02	0.30639E+02
162	0.11549E+00	0.76992E+00	-0.46852E+00	-0.31517E+01	0.67753E+02	0.23845E+02
163	0.13928E+00	0.92853E+00	-0.38485E+00	-0.61138E+01	0.81366E+02	0.18331E+02
164	0.14741E+00	0.98271E+00	-0.25875E+00	-0.14835E+02	0.84859E+02	0.14344E+02

165	0.88874E+02	0.14632E+02	-0.96236E+00	0.85063E+01	0.91035E+02	0.11559E+02
166	0.75678E+02	0.11495E+02	0.17550E+00	0.72986E+01	0.85098E+02	0.10475E+02
167	0.61919E+02	0.86711E+01	0.78579E+00	0.65439E+01	0.73206E+02	0.95749E+01
168	0.48730E+02	0.63943E+01	0.10360E+01	0.57947E+01	0.60851E+02	0.88097E+01
169	0.32062E+02	0.34675E+01	0.14128E+01	0.50908E+01	0.52656E+02	0.79492E+01
170	0.15085E+02	0.32644E+00	0.19791E+01	0.42844E+01	0.47542E+02	0.69620E+01
171	-0.22449E+01	-0.26783E+01	0.23189E+01	0.31851E+01	0.37872E+02	0.55876E+01
172	-0.12572E+02	-0.40783E+01	0.21259E+01	0.20145E+01	0.24914E+02	0.41396E+01
173	-0.13129E+02	-0.33391E+01	0.13055E+01	0.12799E+01	0.13428E+02	0.31899E+01
174	-0.80382E+01	-0.15855E+01	0.35733E+00	0.92672E+00	0.53863E+01	0.26437E+01
175	-0.17959E+01	-0.74678E-01	-0.17241E+00	0.10632E+01	0.34164E+01	0.25167E+01
176	0.36636E+00	0.29048E+00	-0.20657E+00	0.11927E+01	0.45474E+01	0.24356E+01
177	0.73902E+00	0.25249E+00	-0.12101E+00	0.11005E+01	0.52961E+01	0.20714E+01
178	0.39154E+00	0.51635E-01	0.94313E-02	0.83044E+00	0.41862E+01	0.15217E+01
179	-0.10802E+00	-0.62954E-01	0.43111E-01	0.51910E+00	0.28732E+01	0.10256E+01
180	-0.57666E-01	-0.25437E-01	0.15591E-01	0.26911E+00	0.15939E+01	0.59122E+00
181	-0.30762E-01	-0.33407E-01	0.27298E-01	0.27010E-01	0.70408E+00	0.17772E+00
182	0.49317E-01	0.22913E-01	-0.13491E-01	-0.56397E-01	-0.21255E+00	-0.35223E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1300E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.21745E-01	-0.13155E-04	-0.22097E-01	0.00000E+00
3	0.41646E-01	0.61169E-04	-0.41597E-01	0.00000E+00
4	0.46972E-01	0.53942E-04	-0.46701E-01	0.00000E+00
5	0.54507E-01	-0.30511E-04	-0.54478E-01	0.00000E+00
6	0.59947E-01	0.71733E-05	-0.59949E-01	0.00000E+00
7	0.54587E-01	0.56397E-03	-0.54725E-01	0.00000E+00
8	0.60134E-01	0.53092E-03	-0.60234E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.21718E-01	0.31444E-03	-0.21831E-01	0.00000E+00
11	0.41406E-01	0.74053E-03	-0.41682E-01	0.00000E+00
12	0.46789E-01	0.91870E-03	-0.47145E-01	0.00000E+00
13	0.54757E-01	0.95280E-03	-0.55124E-01	0.00000E+00
14	0.60546E-01	0.90650E-03	-0.60995E-01	0.00000E+00
15	0.55183E-01	0.16369E-02	-0.56228E-01	0.00000E+00
16	0.61232E-01	0.14720E-02	-0.62273E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.21249E-01	0.59832E-03	-0.22153E-01	0.00000E+00
19	0.41171E-01	0.15188E-02	-0.42647E-01	0.00000E+00
20	0.46951E-01	0.19186E-02	-0.48512E-01	0.00000E+00
21	0.55632E-01	0.20177E-02	-0.57368E-01	0.00000E+00
22	0.62222E-01	0.19168E-02	-0.64113E-01	0.00000E+00
23	0.56248E-01	0.27940E-02	-0.58977E-01	0.00000E+00
24	0.63553E-01	0.25398E-02	-0.66598E-01	0.00000E+00
25	0.64345E-01	0.31437E-02	-0.68117E-01	0.00000E+00
26	0.64318E-01	0.33096E-02	-0.69015E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.20460E-01	0.59370E-03	-0.22055E-01	0.00000E+00
29	0.40321E-01	0.17690E-02	-0.43015E-01	0.00000E+00
30	0.46611E-01	0.24517E-02	-0.49520E-01	0.00000E+00
31	0.56437E-01	0.31678E-02	-0.60299E-01	0.00000E+00
32	0.65287E-01	0.34267E-02	-0.69962E-01	0.00000E+00
33	0.56396E-01	0.32559E-02	-0.60571E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.20192E-01	0.45853E-03	-0.21822E-01	0.00000E+00
36	0.39929E-01	0.14625E-02	-0.42685E-01	0.00000E+00
37	0.46264E-01	0.20745E-02	-0.49157E-01	0.00000E+00
38	0.56339E-01	0.29385E-02	-0.60581E-01	0.00000E+00
39	0.65912E-01	0.35935E-02	-0.71456E-01	0.00000E+00
40	0.65787E-01	0.35848E-02	-0.71132E-01	0.00000E+00
41	0.65661E-01	0.35757E-02	-0.70821E-01	0.00000E+00
42	0.65525E-01	0.35572E-02	-0.70453E-01	0.00000E+00
43	0.45538E-01	0.12354E-02	-0.47446E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.19259E-01	0.25893E-04	-0.20171E-01	0.00000E+00
46	0.38409E-01	0.46083E-03	-0.39372E-01	0.00000E+00
47	0.65946E-01	0.35934E-02	-0.71556E-01	0.00000E+00
48	0.65953E-01	0.35939E-02	-0.71564E-01	0.00000E+00
49	0.56293E-01	0.28227E-02	-0.60481E-01	0.00000E+00
50	0.65997E-01	0.36256E-02	-0.71776E-01	0.00000E+00
51	0.55383E-01	0.19709E-02	-0.57632E-01	0.00000E+00
52	0.64373E-01	0.35766E-02	-0.66849E-01	0.00000E+00
53	0.65922E-01	0.35784E-02	-0.71541E-01	0.00000E+00
54	0.44448E-01	0.89604E-03	-0.45194E-01	0.00000E+00
55	0.53944E-01	0.16798E-02	-0.54526E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.18270E-01	-0.48268E-03	-0.17725E-01	0.00000E+00
58	0.36433E-01	-0.23232E-03	-0.35013E-01	0.00000E+00
59	0.61949E-01	0.27150E-02	-0.62340E-01	0.00000E+00
60	0.63635E-01	0.33323E-02	-0.65413E-01	0.00000E+00
61	0.66010E-01	0.36465E-02	-0.71908E-01	0.00000E+00
62	0.42150E-01	-0.11571E-03	-0.40210E-01	0.00000E+00
63	0.50673E-01	0.42365E-03	-0.48019E-01	0.00000E+00
64	0.64006E-01	0.36359E-02	-0.67403E-01	0.00000E+00
65	0.66023E-01	0.36666E-02	-0.72037E-01	0.00000E+00
66	0.66124E-01	0.37063E-02	-0.72296E-01	0.00000E+00
67	0.66226E-01	0.37459E-02	-0.72562E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.17531E-01	-0.61986E-03	-0.13151E-01	0.00000E+00
70	0.34197E-01	-0.10750E-02	-0.29584E-01	0.00000E+00
71	0.58595E-01	0.10684E-02	-0.55271E-01	0.00000E+00
72	0.64953E-01	0.36667E-02	-0.66759E-01	0.00000E+00
73	0.47340E-01	-0.78926E-03	-0.40674E-01	0.00000E+00
74	0.67190E-01	0.39538E-02	-0.68996E-01	0.00000E+00
75	0.66312E-01	0.37775E-02	-0.72807E-01	0.00000E+00
76	0.66653E-01	0.38345E-02	-0.73248E-01	0.00000E+00
77	0.54441E-01	-0.17854E-03	-0.46438E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.16880E-01	-0.96058E-03	-0.12793E-01	0.00000E+00
80	0.32163E-01	-0.16723E-02	-0.24189E-01	0.00000E+00
81	0.36566E-01	-0.19715E-02	-0.27432E-01	0.00000E+00
82	0.43487E-01	-0.16748E-02	-0.32389E-01	0.00000E+00
83	0.65924E-01	0.20585E-02	-0.62014E-01	0.00000E+00
84	0.57751E-01	-0.19596E-03	-0.44730E-01	0.00000E+00
85	0.68033E-01	0.39093E-02	-0.73829E-01	0.00000E+00
86	0.69735E-01	0.41088E-02	-0.71513E-01	0.00000E+00
87	0.49946E-01	-0.12596E-02	-0.37195E-01	0.00000E+00
88	0.66470E-01	0.31856E-02	-0.67057E-01	0.00000E+00
89	0.69089E-01	0.39747E-02	-0.74392E-01	0.00000E+00
90	0.36064E-01	-0.11450E-02	-0.16906E-01	0.00000E+00
91	0.39493E-01	-0.74260E-03	-0.18042E-01	0.00000E+00
92	0.41869E-01	-0.33662E-03	-0.19026E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.13001E-01	0.00000E+00	-0.10239E-02	0.00000E+00
95	0.23997E-01	0.00000E+00	-0.23141E-02	0.00000E+00
96	0.26549E-01	0.00000E+00	-0.27123E-02	0.00000E+00
97	0.30145E-01	0.00000E+00	-0.38673E-02	0.00000E+00
98	0.31611E-01	0.00000E+00	-0.44641E-02	0.00000E+00
99	0.34968E-01	-0.55395E-03	-0.11281E-01	0.00000E+00
100	0.45587E-01	-0.20876E-03	-0.23637E-01	0.00000E+00
101	0.64267E-01	0.12473E-02	-0.48500E-01	0.00000E+00
102	0.71887E-01	0.40551E-02	-0.75203E-01	0.00000E+00
103	0.70245E-01	0.27577E-02	-0.65619E-01	0.00000E+00
104	0.74032E-01	0.43990E-02	-0.74740E-01	0.00000E+00
105	0.74231E-01	0.41276E-02	-0.75945E-01	0.00000E+00
106	0.73342E-01	0.34333E-02	-0.68048E-01	0.00000E+00
107	0.77351E-01	0.47647E-02	-0.77050E-01	0.00000E+00
108	0.76255E-01	0.41775E-02	-0.76615E-01	0.00000E+00
109	0.77697E-01	0.42161E-02	-0.77184E-01	0.00000E+00
110	0.77625E-01	0.45483E-02	-0.70681E-01	0.00000E+00
111	0.79890E-01	0.51380E-02	-0.78715E-01	0.00000E+00
112	0.79275E-01	0.42395E-02	-0.77657E-01	0.00000E+00
113	0.79043E-01	0.46614E-02	-0.72998E-01	0.00000E+00
114	0.80263E-01	0.42441E-02	-0.78008E-01	0.00000E+00
115	0.80981E-01	0.42390E-02	-0.78247E-01	0.00000E+00
116	0.81319E-01	0.42253E-02	-0.78339E-01	0.00000E+00

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117	0.80940E-01	0.53257E-02	-0.79275E-01	0.00000E+00
118	0.81336E-01	0.42163E-02	-0.78343E-01	0.00000E+00
119	0.81317E-01	0.41931E-02	-0.78277E-01	0.00000E+00
120	0.81512E-01	0.54385E-02	-0.79479E-01	0.00000E+00
121	0.81242E-01	0.41569E-02	-0.78151E-01	0.00000E+00
122	0.81239E-01	0.41237E-02	-0.78200E-01	0.81896E-05
123	0.81214E-01	0.40515E-02	-0.78233E-01	0.14960E-04
124	0.81171E-01	0.39338E-02	-0.78266E-01	0.23274E-04
125	0.81092E-01	0.37576E-02	-0.78299E-01	0.34142E-04
126	0.80891E-01	0.33248E-02	-0.78352E-01	0.50011E-04
127	0.80632E-01	0.27764E-02	-0.78402E-01	0.57675E-04
128	0.80061E-01	0.14875E-02	-0.78506E-01	0.55663E-04
129	0.79605E-01	0.39099E-03	-0.78599E-01	0.42657E-04
130	0.79278E-01	-0.47182E-03	-0.78701E-01	0.23925E-04
131	0.79146E-01	-0.91394E-03	-0.78860E-01	-0.10296E-05
132	0.79262E-01	-0.59527E-03	-0.79009E-01	-0.10819E-04
133	0.79402E-01	-0.13181E-03	-0.79147E-01	-0.87705E-05
134	0.79465E-01	0.92134E-04	-0.79263E-01	-0.24365E-05
135	0.79476E-01	0.72794E-04	-0.79359E-01	0.10142E-05
136	0.79482E-01	0.32530E-04	-0.79428E-01	-0.45874E-08
137	0.79488E-01	0.14284E-04	-0.79473E-01	0.96141E-07
138	0.79493E-01	-0.19675E-06	-0.79493E-01	-0.40403E-06
139	0.79493E-01	0.17240E-06	-0.79493E-01	0.14893E-06

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1300E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.37075E-02	0.35171E-01	-0.37243E-01	0.26685E+01	0.27963E-01	-0.26960E+01
2	-0.44750E-01	0.36349E-01	-0.77192E-01	0.24578E+01	0.33363E-01	-0.24469E+01
3	-0.10169E+00	0.25608E-01	-0.84337E-01	0.20812E+01	-0.16651E-01	-0.20729E+01
4	0.12984E+00	0.64430E-01	0.15933E+00	0.17436E+01	-0.73805E-01	-0.17947E+01
5	-0.67812E-01	0.74230E-02	-0.61737E-01	0.17478E+01	-0.26652E-01	-0.17843E+01
6	0.89337E-01	0.42725E-01	-0.34250E-01	0.17929E+01	-0.40921E-01	-0.18176E+01
7	0.59316E-01	0.55071E-02	-0.27254E-01	0.13345E+01	-0.29428E-01	-0.13280E+01
8	0.14361E+00	0.16289E-01	-0.24951E-01	0.13376E+01	-0.72923E-01	-0.13648E+01
9	0.63878E-01	0.21125E+00	0.73794E-01	0.26366E+01	0.66780E-03	-0.26995E+01
10	0.26803E-01	0.24516E+00	0.10068E-01	0.24612E+01	-0.13887E-01	-0.25059E+01
11	-0.90060E-03	0.22232E+00	-0.17647E+00	0.21825E+01	-0.84761E-01	-0.22067E+01
12	0.30923E+00	0.17005E+00	0.64112E-01	0.18498E+01	-0.15366E+00	-0.18194E+01
13	0.38860E-01	0.10428E+00	-0.10909E+00	0.18915E+01	-0.64047E-01	-0.19096E+01
14	0.28630E+00	0.16735E+00	-0.18151E-01	0.19496E+01	-0.13469E+00	-0.20103E+01
15	0.29840E+00	0.50179E-01	-0.72797E-02	0.14394E+01	-0.16262E+00	-0.14251E+01
16	0.36530E+00	0.45986E-01	-0.41812E-01	0.14910E+01	-0.19544E+00	-0.15242E+01
17	0.36930E-01	0.24206E+00	0.58291E-01	0.25487E+01	0.22704E-01	-0.27107E+01
18	-0.61302E-01	0.31830E+00	-0.39465E-01	0.24404E+01	0.40582E-01	-0.25675E+01
19	-0.21355E+00	0.36208E+00	-0.29759E+00	0.22718E+01	0.27922E-01	-0.23846E+01
20	0.41920E+00	0.23939E+00	0.29058E-01	0.20211E+01	-0.20668E+00	-0.20123E+01
21	0.31824E-02	0.32916E+00	-0.10927E+00	0.20983E+01	-0.32643E-02	-0.22457E+01
22	0.41687E+00	0.66099E+00	0.14954E+00	0.21947E+01	-0.13170E+00	-0.24244E+01
23	0.51872E+00	0.87413E-01	-0.21594E-01	0.16836E+01	-0.27520E+00	-0.17030E+01
24	0.10428E+01	0.35704E+00	0.24862E+00	0.18554E+01	-0.43724E+00	-0.18070E+01
25	0.51239E+00	0.32765E+00	0.58262E-02	0.19093E+01	-0.24898E+00	-0.20479E+01
26	0.16434E+01	0.11170E+01	0.74287E+00	0.20639E+01	-0.51891E+00	-0.22662E+01
27	-0.12601E-01	0.13007E+00	0.12643E-01	0.24681E+01	0.47291E-01	-0.26877E+01
28	-0.14964E+00	0.27456E+00	-0.96224E-01	0.23670E+01	0.11956E+00	-0.25817E+01
29	-0.46536E+00	0.36259E+00	-0.38299E+00	0.21511E+01	0.30120E+00	-0.24724E+01
30	0.59109E-01	0.41348E+00	-0.11147E+00	0.21767E+01	-0.40210E-01	-0.24224E+01
31	-0.98118E-01	0.53150E+00	-0.91368E-01	0.20527E+01	-0.19716E+00	-0.25092E+01
32	0.13025E+00	0.57265E+00	-0.91819E-02	0.19953E+01	0.97733E-01	-0.25511E+01
33	0.12157E+01	0.88444E+00	0.47806E+00	0.21686E+01	-0.33827E+00	-0.23776E+01
34	0.28834E+01	0.19973E+01	0.15711E+01	0.22633E+01	-0.67395E+00	-0.25667E+01
35	0.64607E+00	0.50357E+00	0.74048E-01	0.22414E+01	-0.22947E+00	-0.25653E+01
36	-0.24289E+00	0.59823E-01	-0.42928E+00	0.20801E+01	0.12120E+00	-0.26315E+01
37	0.96795E+00	0.98737E+00	0.39668E+00	0.23150E+01	-0.24590E+00	-0.27101E+01
38	-0.12767E+00	-0.31159E-02	-0.87351E-01	0.23958E+01	0.70355E-01	-0.25686E+01
39	-0.28712E+00	0.60599E-01	-0.17695E+00	0.23261E+01	0.20473E+00	-0.24603E+01
40	-0.54012E+00	0.31572E+00	-0.35204E+00	0.20879E+01	0.58893E+00	-0.24421E+01
41	-0.70585E+00	-0.79094E-01	-0.42767E+00	0.21950E+01	0.53815E+00	-0.23946E+01
42	-0.89436E+00	0.35354E-01	-0.37065E+00	0.21195E+01	0.67460E+00	-0.21658E+01
43	-0.32322E+00	0.23532E+00	-0.27533E+00	0.20301E+01	0.34083E+00	-0.25565E+01
44	-0.62640E+00	0.23362E-01	-0.43059E+00	0.19782E+01	0.58573E+00	-0.22556E+01
45	-0.93331E+00	-0.13790E+00	-0.52684E+00	0.20849E+01	0.54946E+00	-0.22430E+01
46	-0.49499E+00	0.20545E+00	-0.18011E+00	0.20011E+01	0.39592E+00	-0.20488E+01
47	0.23392E+00	0.53884E+00	-0.60174E-01	0.21906E+01	0.74339E-01	-0.27321E+01
48	0.31695E-01	0.45639E+00	-0.18957E+00	0.23221E+01	0.16488E+00	-0.27555E+01
49	-0.27497E+00	0.41769E+00	-0.25944E+00	0.22537E+01	0.46978E+00	-0.28874E+01
50	-0.21496E+01	-0.38439E+00	-0.12465E+01	0.19125E+01	0.13096E+01	-0.20706E+01
51	-0.49394E+00	-0.30295E+00	-0.74432E+00	0.91888E-01	0.17944E+00	-0.55558E+00
52	-0.13635E+01	-0.79493E+00	-0.12131E+01	-0.69993E+00	0.71176E+00	0.20142E+01
53	-0.35163E+00	0.30216E+00	-0.29609E+00	0.17304E+01	0.62422E+00	-0.18463E+01
54	-0.33498E+00	-0.31826E+00	-0.26526E+00	0.22748E+01	0.91092E-01	-0.23141E+01

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55	-0.48347E+00	-0.18225E+00	-0.26532E+00	0.22361E+01	0.24919E+00	-0.22290E+01
56	-0.92639E+00	-0.97076E-01	-0.27392E+00	0.20304E+01	0.67247E+00	-0.20280E+01
57	-0.81516E+00	-0.45770E-01	-0.30264E+00	0.18537E+01	0.48304E+00	-0.18700E+01
58	-0.90298E+00	0.35146E-01	-0.28317E+00	0.15997E+01	0.56543E+00	-0.15591E+01
59	-0.22643E+00	-0.34442E+00	-0.22165E+00	0.22330E+01	-0.23870E-02	-0.21643E+01
60	-0.57975E+00	-0.62231E+00	-0.44694E+00	0.21326E+01	0.17805E+00	-0.18448E+01
61	-0.49285E+00	-0.54897E+00	-0.34926E+00	0.21176E+01	0.14735E+00	-0.18435E+01
62	-0.41162E+00	-0.64663E+00	-0.38292E+00	0.20631E+01	-0.14450E-01	-0.15602E+01
63	-0.53991E+00	-0.39679E+00	-0.31449E+00	0.20925E+01	0.26554E+00	-0.19320E+01
64	-0.66864E+00	-0.61434E+00	-0.36807E+00	0.19181E+01	0.23168E+00	-0.15678E+01
65	-0.97845E+00	-0.23729E+00	-0.18310E+00	0.19726E+01	0.72645E+00	-0.18933E+01
66	-0.12316E+01	-0.38973E+00	-0.16716E+00	0.17561E+01	0.81431E+00	-0.15290E+01
67	-0.97867E+00	-0.60126E+00	-0.74589E-01	0.15271E+01	0.63756E+00	-0.11556E+01
68	-0.10291E+01	-0.21875E+00	-0.33582E+00	0.17416E+01	0.57823E+00	-0.16894E+01
69	-0.90266E+00	-0.30877E+00	-0.25485E+00	0.16504E+01	0.47167E+00	-0.14715E+01
70	-0.12997E+01	-0.50225E+00	-0.40597E+00	0.14228E+01	0.60559E+00	-0.10556E+01
71	-0.10894E+01	-0.16906E+00	-0.28534E+00	0.15203E+01	0.62318E+00	-0.14121E+01
72	-0.12326E+01	-0.28630E+00	-0.26114E+00	0.13831E+01	0.63581E+00	-0.11326E+01
73	-0.32074E+00	-0.36703E+00	-0.18593E+00	0.18349E+01	0.76037E-01	-0.84249E+00
74	-0.47383E+00	-0.34000E+00	-0.71713E-01	0.16300E+01	0.21776E+00	-0.77003E+00
75	-0.86951E+00	-0.31619E+00	-0.29101E+00	0.13605E+01	0.60549E+00	-0.65303E+00
76	-0.10977E+01	-0.32573E+00	-0.16675E+00	0.15225E+01	0.52712E+00	-0.10566E+01
77	-0.77455E+00	-0.41382E+00	-0.18448E-01	0.10082E+01	0.37241E+00	-0.38770E+00
78	-0.78124E+00	-0.26826E+00	0.11058E+00	0.80704E+00	0.37560E+00	-0.24712E+00
79	-0.12923E+01	-0.34044E+00	-0.17889E+00	0.10938E+01	0.58111E+00	-0.63099E+00
80	-0.13879E+01	-0.37551E+00	-0.16126E+00	0.76032E+00	0.43163E+00	-0.23859E+00
81	-0.70994E+00	-0.17304E+00	0.19361E+00	0.41223E+00	0.36974E+00	-0.98599E-01
82	-0.82217E+00	-0.27542E+00	0.13363E+00	0.36281E+00	0.35076E+00	-0.12784E+00
83	-0.12410E+01	-0.17749E+00	-0.78758E-02	0.67758E+00	0.42050E+00	-0.26855E+00
84	-0.15362E+01	-0.35324E+00	-0.20116E+00	0.75398E+00	0.63597E+00	-0.28518E+00
85	-0.17628E+01	-0.25830E+00	-0.30453E+00	0.10749E+01	0.77204E+00	-0.71160E+00
86	-0.17355E+01	-0.24648E+00	-0.24869E+00	0.88170E+00	0.75776E+00	-0.51387E+00
87	-0.12345E+01	-0.19081E+00	-0.16827E+00	0.11028E+01	0.65751E+00	-0.82555E+00
88	-0.12731E+01	-0.12666E+00	-0.26987E+00	0.11913E+01	0.74005E+00	-0.11017E+01
89	-0.13792E+01	-0.14505E+00	-0.30899E+00	0.10522E+01	0.79717E+00	-0.99936E+00
90	-0.15105E+01	-0.15287E+00	-0.23974E+00	0.76546E+00	0.84257E+00	-0.52797E+00
91	-0.16061E+01	-0.29021E+00	-0.40020E+00	0.72441E+00	0.89505E+00	-0.69494E+00
92	-0.15912E+01	-0.29094E+00	-0.36220E+00	0.55798E+00	0.88350E+00	-0.45939E+00
93	-0.10186E+01	0.49070E+00	-0.29081E+00	0.12339E+01	0.72308E+00	-0.15285E+01
94	-0.11013E+01	-0.22401E-01	-0.45905E+00	0.12605E+01	0.64942E+00	-0.14675E+01
95	-0.78839E+00	-0.33613E+00	-0.49277E+00	0.91484E+00	0.59001E+00	-0.11019E+01
96	-0.98130E+00	-0.36410E-01	-0.31921E+00	0.12792E+01	0.59859E+00	-0.13022E+01
97	-0.69493E+00	-0.21146E+00	-0.38379E+00	0.10445E+01	0.58225E+00	-0.95659E+00
98	-0.83729E+00	-0.13745E+00	-0.29510E+00	0.90519E+00	0.53758E+00	-0.94641E+00
99	-0.87430E+00	0.12488E+00	-0.13912E+00	0.10329E+01	0.55708E+00	-0.10225E+01
100	-0.72024E+00	0.50209E-01	-0.14131E+00	0.77582E+00	0.52248E+00	-0.71487E+00
101	-0.86767E+00	-0.13604E+00	-0.27484E+00	0.60414E+00	0.51879E+00	-0.54012E+00
102	-0.65466E+00	0.10584E+00	0.24614E-01	0.61255E+00	0.49468E+00	-0.52033E+00
103	-0.48922E+00	-0.12110E+00	-0.74505E-01	0.23289E+00	0.42513E+00	-0.25530E+00
104	-0.51018E+00	-0.16422E+00	-0.83769E-01	0.81436E-01	0.41928E+00	-0.15259E+00
105	-0.11643E+01	0.41107E-01	-0.58692E+00	0.10874E+01	0.88621E+00	-0.14315E+01
106	-0.18082E+01	-0.10642E+01	-0.14866E+01	0.48339E-01	0.97448E+00	-0.66467E+00
107	-0.13949E+01	-0.70084E+00	-0.11350E+01	0.56276E+00	0.92729E+00	-0.10239E+01
108	-0.11657E+01	-0.62768E+00	-0.10042E+01	0.58422E+00	0.87739E+00	-0.10298E+01
109	-0.10892E+01	-0.60004E+00	-0.10126E+01	0.21610E+00	0.87023E+00	-0.66816E+00
110	-0.22283E+00	0.13404E+00	-0.31703E+00	0.85583E+00	0.78189E+00	-0.10665E+01
111	0.19011E-01	0.54120E-01	-0.31641E+00	0.61327E+00	0.69927E+00	-0.57564E+00
112	0.38100E-01	0.71007E-01	-0.28557E+00	0.96680E+00	0.69340E+00	-0.57032E+00
113	0.30376E+00	0.31344E+00	0.39014E-01	0.10504E+01	0.55832E+00	-0.11172E+01
114	0.30450E+00	0.23598E+00	-0.86878E-01	0.87619E+00	0.49812E+00	-0.55802E+00

115	0.34919E+00	0.26153E+00	-0.50133E-03	0.15335E+01	0.47728E+00	-0.54146E+00
116	0.12774E+00	0.28537E+00	0.36853E-01	0.11905E+01	0.32718E+00	-0.97337E+00
117	-0.19742E+00	-0.64977E-01	-0.24005E+00	0.13062E+01	0.21150E+00	-0.50769E+00
118	-0.14895E+00	-0.38985E-01	-0.13986E+00	0.11335E+01	0.18664E+00	-0.46923E+00
119	-0.86175E-01	0.26465E+00	0.54398E-01	0.95383E+00	0.10348E+00	-0.73138E+00
120	-0.33737E+00	-0.14791E+00	-0.17871E+00	0.96328E+00	0.12570E-01	-0.41904E+00
121	-0.30391E+00	-0.13095E+00	-0.11200E+00	0.82104E+00	-0.40548E-02	-0.36717E+00
122	0.24717E-01	0.43124E+00	0.25096E+00	0.78734E+00	-0.55090E-01	-0.56303E+00
123	-0.12743E+00	-0.19929E-01	0.60013E-01	0.66580E+00	-0.13815E+00	-0.30533E+00
124	-0.11100E+00	-0.14054E-01	0.95203E-01	0.51398E+00	-0.14753E+00	-0.24416E+00
125	-0.13462E+00	0.93359E-01	0.10703E+00	0.42212E+00	-0.14543E+00	-0.26858E+00
126	-0.90210E-01	-0.22544E-02	0.13670E+00	0.33218E+00	-0.18881E+00	-0.16591E+00
127	-0.88590E-01	-0.41756E-02	0.14267E+00	0.16716E+00	-0.19098E+00	-0.11992E+00
128	0.16863E+00	0.22624E+00	0.32454E+00	0.23606E+00	-0.20326E+00	-0.13011E+00
129	0.41535E+00	0.30295E+00	0.47948E+00	0.13302E+00	-0.24858E+00	-0.47625E-01
133	-0.13640E+01	0.16445E+00	-0.61026E+00	0.17967E+01	0.93886E+00	-0.20652E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.27507E+00	-0.18333E+01	0.15587E+01	0.32939E+02	-0.13705E+02	-0.15092E+02
131	-0.29437E-01	-0.19625E+00	0.16681E+00	0.72547E+02	-0.22906E+02	-0.46324E+02
132	-0.78125E-01	-0.52083E+00	0.44271E+00	0.12106E+03	-0.36833E+02	-0.78624E+02
133	-0.27423E-01	-0.18282E+00	0.15540E+00	0.17506E+03	-0.51033E+02	-0.11402E+03
134	-0.51201E-01	-0.34134E+00	0.29014E+00	0.23572E+03	-0.65830E+02	-0.15532E+03
135	-0.12687E+00	-0.84577E+00	0.71891E+00	0.28050E+03	-0.77700E+02	-0.19158E+03
136	-0.34443E-01	-0.22962E+00	0.19517E+00	0.31813E+03	-0.82809E+02	-0.21630E+03
137	-0.84070E-02	-0.56047E-01	0.47640E-01	0.31449E+03	-0.91642E+02	-0.22751E+03
138	-0.29944E+00	-0.19963E+01	0.13480E+01	0.32279E+03	-0.16902E+03	-0.24500E+03
139	0.94196E-01	0.62797E+00	-0.17787E+01	0.31166E+03	-0.32385E+03	-0.25929E+03
140	0.10244E+01	0.68294E+01	-0.58050E+01	0.39554E+03	-0.39226E+03	-0.29315E+03
141	0.98664E+00	0.65775E+01	-0.55909E+01	0.39390E+03	-0.39819E+03	-0.31241E+03
142	0.11148E+01	0.74309E+01	-0.63163E+01	0.41208E+03	-0.39956E+03	-0.33101E+03
143	0.11504E+01	0.76692E+01	-0.65188E+01	-0.15474E+03	-0.48395E+03	0.23691E+03
144	0.13624E+01	0.90830E+01	-0.77205E+01	-0.15298E+03	-0.47680E+03	0.21967E+03
145	-0.38694E+00	-0.59130E+01	0.29217E+01	0.11354E+03	-0.35455E+03	0.58663E+03
146	-0.36379E+00	-0.24252E+01	0.26380E+01	0.12271E+03	-0.26230E+03	0.52091E+03
147	-0.37113E+00	-0.24742E+01	0.25904E+01	0.11514E+03	-0.26910E+03	0.51234E+03
148	-0.37969E+00	-0.25312E+01	-0.63167E+00	0.11249E+03	-0.27610E+03	0.51405E+03
149	-0.38969E+00	-0.25979E+01	-0.58886E+00	0.11110E+03	-0.28403E+03	0.52471E+03
150	-0.44411E+00	-0.29607E+01	-0.20701E+00	0.80417E+02	-0.30740E+03	0.50940E+03
151	-0.53305E+00	-0.35539E+01	-0.11453E+02	0.75378E+02	-0.34694E+03	0.52253E+03
152	-0.50416E+00	-0.33611E+01	-0.20760E+02	0.76530E+02	-0.32741E+03	0.51834E+03
153	-0.45936E+00	-0.30624E+01	-0.18465E+02	0.65226E+02	-0.29899E+03	0.50674E+03
154	-0.35673E+00	-0.23732E+01	-0.35821E+02	0.55337E+02	-0.23149E+03	0.49251E+03
155	-0.20824E+00	-0.13833E+01	-0.29713E+02	0.61699E+02	-0.13072E+03	0.46061E+03
156	-0.35845E-01	-0.57230E+00	-0.25540E+02	0.48410E+02	-0.50441E+02	0.42656E+03
157	0.14626E-01	0.97539E-01	-0.20573E+02	0.45762E+02	0.16696E+02	0.37904E+03
158	0.96482E-01	0.64322E+00	-0.17308E+02	0.36720E+02	0.70361E+02	0.33265E+03
159	0.16054E+00	0.10702E+01	-0.12417E+02	0.21878E+02	0.11119E+03	0.27394E+03
160	0.20673E+00	0.13782E+01	-0.89733E+01	0.15475E+02	0.14128E+03	0.21889E+03
161	0.26099E+00	0.17399E+01	-0.48079E+01	0.89195E+01	0.16563E+03	0.15227E+03
162	0.27781E+00	0.18521E+01	-0.49257E+00	0.59141E+01	0.16501E+03	0.10457E+03
163	0.32393E+00	0.21595E+01	-0.56446E-01	-0.76891E+01	0.19022E+03	0.71751E+02
164	0.32919E+00	0.21946E+01	0.60335E+00	-0.17570E+02	0.19184E+03	0.45108E+02

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165	0.17637E+03	0.23525E+02	-0.13454E+01	0.68414E+01	0.19711E+03	0.33034E+02
166	0.14362E+03	0.21424E+02	0.76381E+00	0.45689E+01	0.18380E+03	0.30508E+02
167	0.11459E+03	0.15772E+02	0.17672E+01	0.32826E+01	0.15769E+03	0.28431E+02
168	0.83401E+02	0.11418E+02	0.21001E+01	0.19859E+01	0.13081E+03	0.26694E+02
169	0.57826E+02	0.61012E+01	0.27321E+01	0.81763E+00	0.11335E+03	0.24769E+02
170	0.27558E+02	0.47673E+00	0.37639E+01	-0.50385E+00	0.10329E+03	0.22555E+02
171	-0.40745E+01	-0.50308E+01	0.44906E+01	-0.22824E+01	0.84512E+02	0.19396E+02
172	-0.22815E+02	-0.76017E+01	0.40729E+01	-0.40883E+01	0.59287E+02	0.15869E+02
173	-0.23845E+02	-0.62677E+01	0.25788E+01	-0.50721E+01	0.35911E+02	0.13244E+02
174	-0.15716E+02	-0.32157E+01	0.81509E+00	-0.52051E+01	0.18297E+02	0.11149E+02
175	-0.40250E+01	-0.27416E+00	-0.28533E+00	-0.42264E+01	0.11454E+02	0.98788E+01
176	0.64913E+00	0.56303E+00	-0.40515E+00	-0.32184E+01	0.12166E+02	0.90108E+01
177	0.14842E+01	0.46520E+00	-0.20398E+00	-0.22801E+01	0.12723E+02	0.73600E+01
178	0.57757E+00	0.79856E-01	0.13356E-01	-0.15662E+01	0.95500E+01	0.53274E+01
179	-0.17725E+00	-0.61971E-01	0.36232E-01	-0.12671E+01	0.68037E+01	0.37649E+01
180	0.10718E-01	-0.15973E-01	0.17761E-01	-0.93150E+00	0.40151E+01	0.22789E+01
181	-0.56647E-01	-0.63835E-01	0.49458E-01	-0.70277E+00	0.18444E+01	0.80114E+00
182	0.24429E+00	0.11346E+00	-0.66794E-01	-0.23248E+00	-0.42281E+00	-0.19800E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.35929E-01	0.45213E-04	0.36402E-01	0.00000E+00
3	-0.67753E-01	-0.34600E-04	0.67665E-01	0.00000E+00
4	-0.75933E-01	-0.64802E-04	0.75543E-01	0.00000E+00
5	-0.87204E-01	0.47798E-04	0.87163E-01	0.00000E+00
6	-0.95035E-01	-0.11769E-04	0.95038E-01	0.00000E+00
7	-0.87298E-01	-0.98436E-03	0.87479E-01	0.00000E+00
8	-0.95299E-01	-0.91153E-03	0.95444E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.35732E-01	-0.55518E-03	0.35802E-01	0.00000E+00
11	-0.67238E-01	-0.12514E-02	0.67535E-01	0.00000E+00
12	-0.75515E-01	-0.15487E-02	0.75971E-01	0.00000E+00
13	-0.87495E-01	-0.16348E-02	0.87981E-01	0.00000E+00
14	-0.95886E-01	-0.15928E-02	0.96542E-01	0.00000E+00
15	-0.88110E-01	-0.29119E-02	0.89583E-01	0.00000E+00
16	-0.96872E-01	-0.26744E-02	0.98399E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.34957E-01	-0.11697E-02	0.36185E-01	0.00000E+00
19	-0.66758E-01	-0.23263E-02	0.68809E-01	0.00000E+00
20	-0.75646E-01	-0.35525E-02	0.77827E-01	0.00000E+00
21	-0.88750E-01	-0.37604E-02	0.91180E-01	0.00000E+00
22	-0.98305E-01	-0.36279E-02	0.10108E+00	0.00000E+00
23	-0.89677E-01	-0.55191E-02	0.93513E-01	0.00000E+00
24	-0.10025E+00	-0.52165E-02	0.10473E+00	0.00000E+00
25	-0.10141E+00	-0.65995E-02	0.10697E+00	0.00000E+00
26	-0.10211E+00	-0.70848E-02	0.10829E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.33504E-01	-0.14509E-02	0.35843E-01	0.00000E+00
29	-0.65141E-01	-0.38806E-02	0.69037E-01	0.00000E+00
30	-0.74819E-01	-0.52517E-02	0.79001E-01	0.00000E+00
31	-0.89722E-01	-0.67215E-02	0.95330E-01	0.00000E+00
32	-0.10279E+00	-0.75560E-02	0.10959E+00	0.00000E+00
33	-0.89569E-01	-0.69944E-02	0.95690E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.32969E-01	-0.12899E-02	0.35412E-01	0.00000E+00
36	-0.64367E-01	-0.35441E-02	0.68402E-01	0.00000E+00
37	-0.74123E-01	-0.48419E-02	0.78280E-01	0.00000E+00
38	-0.89412E-01	-0.65633E-02	0.95638E-01	0.00000E+00
39	-0.10372E+00	-0.78794E-02	0.11193E+00	0.00000E+00
40	-0.10353E+00	-0.78588E-02	0.11145E+00	0.00000E+00
41	-0.10335E+00	-0.78380E-02	0.11099E+00	0.00000E+00
42	-0.10314E+00	-0.77971E-02	0.11043E+00	0.00000E+00
43	-0.72763E-01	-0.36003E-02	0.75337E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.31125E-01	-0.67705E-03	0.32416E-01	0.00000E+00
46	-0.61479E-01	-0.20314E-02	0.62558E-01	0.00000E+00
47	-0.10377E+00	-0.78793E-02	0.11207E+00	0.00000E+00
48	-0.10378E+00	-0.78801E-02	0.11209E+00	0.00000E+00
49	-0.89320E-01	-0.63932E-02	0.95458E-01	0.00000E+00
50	-0.10584E+00	-0.79378E-02	0.11238E+00	0.00000E+00
51	-0.87750E-01	-0.50584E-02	0.90773E-01	0.00000E+00
52	-0.10130E+00	-0.77702E-02	0.10455E+00	0.00000E+00
53	-0.10373E+00	-0.78515E-02	0.11204E+00	0.00000E+00
54	-0.70832E-01	-0.30215E-02	0.71430E-01	0.00000E+00
55	-0.55388E-01	-0.45342E-02	0.85553E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.29276E-01	0.18436E-03	0.28007E-01	0.00000E+00
58	-0.56056E-01	-0.80272E-03	0.54804E-01	0.00000E+00
59	-0.97486E-01	-0.63254E-02	0.97112E-01	0.00000E+00
60	-0.10022E+00	-0.73772E-02	0.10223E+00	0.00000E+00
61	-0.10386E+00	-0.79752E-02	0.11256E+00	0.00000E+00
62	-0.66987E-01	-0.12621E-02	0.62653E-01	0.00000E+00
63	-0.80101E-01	-0.22937E-02	0.74338E-01	0.00000E+00
64	-0.10195E+00	-0.78814E-02	0.10534E+00	0.00000E+00
65	-0.10388E+00	-0.80111E-02	0.11274E+00	0.00000E+00
66	-0.10403E+00	-0.80821E-02	0.11310E+00	0.00000E+00
67	-0.10418E+00	-0.81534E-02	0.11347E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.27985E-01	0.47554E-03	0.23363E-01	0.00000E+00
70	-0.54374E-01	0.77519E-03	0.45392E-01	0.00000E+00
71	-0.92120E-01	-0.34836E-02	0.85092E-01	0.00000E+00
72	-0.10213E+00	-0.79293E-02	0.10422E+00	0.00000E+00
73	-0.74806E-01	0.53131E-04	0.61268E-01	0.00000E+00
74	-0.10547E+00	-0.84478E-02	0.10748E+00	0.00000E+00
75	-0.10431E+00	-0.82110E-02	0.11380E+00	0.00000E+00
76	-0.10512E+00	-0.83156E-02	0.11440E+00	0.00000E+00
77	-0.85606E-01	-0.88392E-03	0.70085E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.26881E-01	0.11049E-02	0.19246E-01	0.00000E+00
80	-0.51154E-01	0.19807E-02	0.36074E-01	0.00000E+00
81	-0.58105E-01	0.23714E-02	0.40793E-01	0.00000E+00
82	-0.68876E-01	0.19389E-02	0.48001E-01	0.00000E+00
83	-0.10312E+00	-0.51068E-02	0.94910E-01	0.00000E+00
84	-0.90690E-01	-0.24338E-03	0.66090E-01	0.00000E+00
85	-0.10684E+00	-0.84515E-02	0.11519E+00	0.00000E+00
86	-0.10920E+00	-0.87776E-02	0.11106E+00	0.00000E+00
87	-0.78821E-01	0.13616E-02	0.54915E-01	0.00000E+00
88	-0.10709E+00	-0.71296E-02	0.10348E+00	0.00000E+00
89	-0.10839E+00	-0.85715E-02	0.11594E+00	0.00000E+00
90	-0.57659E-01	0.14998E-02	0.24543E-01	0.00000E+00
91	-0.63023E-01	0.10252E-02	0.26084E-01	0.00000E+00
92	-0.66684E-01	0.50813E-03	0.27458E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.20754E-01	0.00000E+00	0.10833E-02	0.00000E+00
95	-0.38560E-01	0.00000E+00	0.26782E-02	0.00000E+00
96	-0.42920E-01	0.00000E+00	0.31831E-02	0.00000E+00
97	-0.48512E-01	0.00000E+00	0.47974E-02	0.00000E+00
98	-0.50818E-01	0.00000E+00	0.56375E-02	0.00000E+00
99	-0.56142E-01	0.79787E-03	0.15950E-01	0.00000E+00
100	-0.72310E-01	0.29314E-03	0.34304E-01	0.00000E+00
101	-0.10060E+00	-0.21821E-02	0.71470E-01	0.00000E+00
102	-0.11246E+00	-0.87220E-02	0.11703E+00	0.00000E+00
103	-0.10957E+00	-0.61646E-02	0.10012E+00	0.00000E+00
104	-0.11545E+00	-0.93413E-02	0.11561E+00	0.00000E+00
105	-0.11584E+00	-0.88557E-02	0.11800E+00	0.00000E+00
106	-0.11423E+00	-0.71177E-02	0.10360E+00	0.00000E+00
107	-0.12022E+00	-0.99460E-02	0.11876E+00	0.00000E+00
108	-0.11874E+00	-0.89526E-02	0.11886E+00	0.00000E+00
109	-0.12107E+00	-0.90270E-02	0.11958E+00	0.00000E+00
110	-0.12073E+00	-0.86152E-02	0.10740E+00	0.00000E+00
111	-0.12388E+00	-0.10568E-01	0.12099E+00	0.00000E+00
112	-0.12302E+00	-0.90755E-02	0.12015E+00	0.00000E+00
113	-0.12278E+00	-0.89414E-02	0.11107E+00	0.00000E+00
114	-0.12440E+00	-0.90896E-02	0.12054E+00	0.00000E+00
115	-0.12537E+00	-0.90856E-02	0.12077E+00	0.00000E+00
116	-0.12582E+00	-0.90619E-02	0.12078E+00	0.00000E+00

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117	-0.12537E+00	-0.10684E-01	0.12159E+00	0.00000E+00
118	-0.12584E+00	-0.90458E-02	0.12072E+00	0.00000E+00
119	-0.12578E+00	-0.90053E-02	0.12052E+00	0.00000E+00
120	-0.12621E+00	-0.10716E-01	0.12167E+00	0.00000E+00
121	-0.12564E+00	-0.89401E-02	0.12021E+00	0.00000E+00
122	-0.12563E+00	-0.83802E-02	0.12029E+00	-0.14921E-04
123	-0.12559E+00	-0.87457E-02	0.12033E+00	-0.27442E-04
124	-0.12551E+00	-0.85327E-02	0.12038E+00	-0.42957E-04
125	-0.12536E+00	-0.82072E-02	0.12043E+00	-0.63404E-04
126	-0.12498E+00	-0.74021E-02	0.12050E+00	-0.93452E-04
127	-0.12449E+00	-0.63772E-02	0.12057E+00	-0.10810E-03
128	-0.12341E+00	-0.39571E-02	0.12070E+00	-0.10501E-03
129	-0.12254E+00	-0.18836E-02	0.12083E+00	-0.81149E-04
130	-0.12191E+00	-0.23205E-03	0.12096E+00	-0.46453E-04
131	-0.12161E+00	0.69284E-03	0.12117E+00	-0.95164E-06
132	-0.12177E+00	0.24472E-03	0.12137E+00	0.16415E-04
133	-0.12198E+00	-0.45052E-03	0.12156E+00	0.12682E-04
134	-0.12205E+00	-0.72735E-03	0.12172E+00	0.14857E-05
135	-0.12204E+00	-0.55560E-03	0.12185E+00	-0.51018E-05
136	-0.12203E+00	-0.33648E-03	0.12194E+00	-0.32147E-05
137	-0.12203E+00	-0.17560E-03	0.12200E+00	-0.29941E-05
138	-0.12203E+00	-0.21432E-04	0.12203E+00	-0.21110E-05
139	-0.12203E+00	-0.29739E-05	0.12203E+00	-0.29388E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1400E+01 150

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.32883E-02	-0.74063E-01	0.29708E-01	-0.44022E+01	-0.43650E-01	0.44319E+01
2	0.81273E-01	-0.72019E-01	0.83501E-01	-0.39387E+01	-0.56413E-01	0.39195E+01
3	0.19993E+00	-0.52457E-01	0.97857E-01	-0.32202E+01	0.21725E-02	0.32147E+01
4	-0.18461E+00	-0.10167E+00	-0.24085E+00	-0.26285E+01	0.10225E+00	0.26985E+01
5	0.13196E+00	-0.20427E-01	0.86347E-01	-0.26417E+01	0.23805E-01	0.26962E+01
6	-0.12516E+00	-0.91505E-01	0.27044E-01	-0.27130E+01	0.50009E-01	0.27527E+01
7	-0.80461E-01	-0.92275E-02	0.36394E-01	-0.19496E+01	0.39899E-01	0.19413E+01
8	-0.19640E+00	-0.29108E-01	0.33554E-01	-0.19574E+01	0.10030E+00	0.20062E+01
9	-0.17799E+00	-0.44801E+00	-0.20415E+00	-0.43434E+01	-0.18653E-02	0.44212E+01
10	-0.11031E+00	-0.49146E+00	-0.11184E+00	-0.39542E+01	0.17289E-01	0.40068E+01
11	-0.69256E-02	-0.43092E+00	0.19667E+00	-0.34149E+01	0.11291E+00	0.34338E+01
12	-0.49201E+00	-0.30712E+00	-0.14514E+00	-0.28261E+01	0.22687E+00	0.27594E+01
13	-0.54305E-01	-0.18719E+00	0.13429E+00	-0.28956E+01	0.85059E-01	0.29089E+01
14	-0.47471E+00	-0.33347E+00	-0.43693E-01	-0.29925E+01	0.18843E+00	0.30609E+01
15	-0.44262E+00	-0.90938E-01	-0.39976E-02	-0.21354E+01	0.23758E+00	0.21065E+01
16	-0.53415E+00	-0.76730E-01	0.52040E-01	-0.22154E+01	0.28073E+00	0.22653E+01
17	-0.20336E+00	-0.63316E+00	-0.25852E+00	-0.41943E+01	-0.40056E-01	0.44217E+01
18	-0.92932E-02	-0.74231E+00	-0.98344E-01	-0.39289E+01	-0.76515E-01	0.40932E+01
19	0.35616E+00	-0.78546E+00	0.35764E+00	-0.36058E+01	-0.81379E-01	0.37164E+01
20	-0.71449E+00	-0.47004E+00	-0.14535E+00	-0.31568E+01	0.30400E+00	0.30713E+01
21	-0.46177E-01	-0.68251E+00	0.51639E-01	-0.32796E+01	-0.17972E-01	0.34453E+01
22	-0.74486E+00	-0.13658E+01	-0.44035E+00	-0.34403E+01	0.17500E+00	0.37231E+01
23	-0.81463E+00	-0.19965E+00	-0.25774E-01	-0.25574E+01	0.40395E+00	0.25487E+01
24	-0.16055E+01	-0.62882E+00	-0.44118E+00	-0.28681E+01	0.64620E+00	0.27157E+01
25	-0.84946E+00	-0.75283E+00	-0.16045E+00	-0.29311E+01	0.35484E+00	0.30930E+01
26	-0.27966E+01	-0.22353E+01	-0.14823E+01	-0.32512E+01	0.76803E+00	0.34353E+01
27	-0.17107E+00	-0.63397E+00	-0.24143E+00	-0.40430E+01	-0.80309E-01	0.43710E+01
28	0.10001E+00	-0.78552E+00	-0.59997E-01	-0.37927E+01	-0.20403E+00	0.41057E+01
29	0.78993E+00	-0.89150E+00	0.47859E+00	-0.33844E+01	-0.52037E+00	0.38485E+01
30	-0.15145E+00	-0.95451E+00	-0.56005E-02	-0.33769E+01	0.38978E-01	0.37239E+01
31	-0.32046E-01	-0.12090E+01	-0.87166E-01	-0.31587E+01	-0.34096E+00	0.38594E+01
32	-0.32921E+00	-0.12610E+01	-0.21242E+00	-0.30577E+01	-0.18217E+00	0.39297E+01
33	-0.20405E+01	-0.18036E+01	-0.10053E+01	-0.32841E+01	0.49490E+00	0.36057E+01
34	-0.46365E+01	-0.35001E+01	-0.26922E+01	-0.33947E+01	0.10154E+01	0.38981E+01
35	-0.13086E+01	-0.12781E+01	-0.46499E+00	-0.33413E+01	0.34128E+00	0.38951E+01
36	0.26640E+00	-0.43939E+00	0.45502E+00	-0.31253E+01	-0.21809E+00	0.39972E+01
37	-0.17633E+01	-0.19605E+01	-0.92011E+00	-0.34677E+01	0.36593E+00	0.41245E+01
38	-0.19755E-01	-0.38933E+00	-0.11215E+00	-0.38954E+01	-0.12335E+00	0.41548E+01
39	0.28687E+00	-0.48574E+00	0.42447E-01	-0.36992E+01	-0.35323E+00	0.38952E+01
40	0.85478E+00	-0.85956E+00	0.40406E+00	-0.32294E+01	-0.98068E+00	0.37956E+01
41	0.11210E+01	-0.28432E+00	0.51333E+00	-0.33960E+01	-0.91974E+00	0.37347E+01
42	0.13763E+01	-0.40413E+00	0.42280E+00	-0.32855E+01	-0.11455E+01	0.33567E+01
43	0.36304E+00	-0.75098E+00	0.19139E+00	-0.30874E+01	-0.56682E+00	0.39350E+01
44	0.82930E+00	-0.37303E+00	0.44881E+00	-0.30046E+01	-0.94688E+00	0.34665E+01
45	0.12551E+01	-0.15901E+00	0.55802E+00	-0.31604E+01	-0.90720E+00	0.34423E+01
46	0.65145E+00	-0.62710E+00	0.75036E-01	-0.30470E+01	-0.67038E+00	0.31391E+01
47	-0.51621E+00	-0.11910E+01	-0.13899E+00	-0.32787E+01	-0.14304E+00	0.41576E+01
48	-0.36599E+00	-0.11659E+01	-0.44406E-01	-0.34745E+01	-0.25535E+00	0.41977E+01
49	0.22437E+00	-0.10273E+01	0.14077E+00	-0.33738E+01	-0.75442E+00	0.44091E+01
50	0.30730E+01	0.24651E+00	0.16561E+01	-0.28595E+01	-0.20555E+01	0.31504E+01
51	0.65294E+00	0.31865E+00	0.10184E+01	-0.13638E+00	-0.27728E+00	0.84003E+00
52	0.21540E+01	0.13034E+01	0.18927E+01	0.11139E+01	-0.11183E+01	-0.32185E+01
53	0.11889E+01	-0.74814E+00	0.24918E+00	-0.25918E+01	-0.10258E+01	0.27944E+01
54	0.28689E+00	0.91110E-01	0.15144E+00	-0.36596E+01	-0.16176E+00	0.36944E+01

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55	0.53416E+00	-0.11869E+00	0.15094E+00	-0.35370E+01	-0.43771E+00	0.34924E+01
56	0.14106E+01	-0.19421E+00	0.24524E+00	-0.31421E+01	-0.11663E+01	0.31204E+01
57	0.11133E+01	-0.23368E+00	0.23189E+00	-0.28189E+01	-0.82347E+00	0.28465E+01
58	0.12403E+01	-0.32875E+00	0.19845E+00	-0.23924E+01	-0.94754E+00	0.24933E+01
59	0.68141E-01	0.11333E+00	0.57024E-01	-0.35782E+01	0.55588E-02	0.34223E+01
60	0.70337E+00	0.63013E+00	0.46524E+00	-0.33990E+01	-0.31623E+00	0.28527E+01
61	0.53596E+00	0.49034E+00	0.28303E+00	-0.33742E+01	-0.25639E+00	0.28496E+01
62	0.43226E+00	0.70229E+00	0.37821E+00	-0.32854E+01	0.26996E-01	0.23484E+01
63	0.69466E+00	0.24587E+00	0.21431E+00	-0.33030E+01	-0.45758E+00	0.29817E+01
64	0.84383E+00	0.67039E+00	0.32935E+00	-0.30288E+01	-0.39392E+00	0.23628E+01
65	0.14195E+01	0.26316E-02	0.49222E-01	-0.30432E+01	-0.12353E+01	0.28894E+01
66	0.17986E+01	0.33430E+00	0.16618E-01	-0.27299E+01	-0.13634E+01	0.23068E+01
67	0.14291E+01	0.77103E+00	-0.10069E+00	-0.23722E+01	-0.10740E+01	0.16940E+01
68	0.13803E+01	0.15474E-01	0.22291E+00	-0.26331E+01	-0.96962E+00	0.25498E+01
69	0.12328E+01	0.24593E+00	0.14232E+00	-0.24990E+01	-0.78687E+00	0.21710E+01
70	0.18527E+01	0.63735E+00	0.39664E+00	-0.21702E+01	-0.97907E+00	0.15435E+01
71	0.15250E+01	0.40710E-01	0.18973E+00	-0.22577E+01	-0.10391E+01	0.20911E+01
72	0.17078E+01	0.27766E+00	0.13470E+00	-0.20683E+01	-0.10184E+01	0.16422E+01
73	0.39052E+00	0.41324E+00	0.16992E+00	-0.29211E+01	-0.11235E+00	0.12401E+01
74	0.62299E+00	0.38681E+00	-0.30584E-01	-0.25998E+01	-0.31744E+00	0.11197E+01
75	0.12475E+01	0.37220E+00	-0.62769E+00	-0.21536E+01	-0.87346E+00	0.94045E+00
76	0.15005E+01	0.34091E+00	0.77167E-02	-0.23527E+01	-0.75619E+00	0.15405E+01
77	0.11196E+01	0.59761E+00	-0.10189E+00	-0.15996E+01	-0.53318E+00	0.54152E+00
78	0.11046E+01	0.31216E+00	-0.32441E+00	-0.12767E+01	-0.53736E+00	0.34566E+00
79	0.18493E+01	0.45076E+00	0.75242E-01	-0.16753E+01	-0.83121E+00	0.90065E+00
80	0.20786E+01	0.59873E+00	0.13800E+00	-0.11834E+01	-0.60511E+00	0.32379E+00
81	0.10555E+01	0.26284E+00	-0.39838E+00	-0.66386E+00	-0.52503E+00	0.13391E+00
82	0.12328E+01	0.36534E+00	-0.31942E+00	-0.56442E+00	-0.49761E+00	0.17992E+00
83	0.18416E+01	0.28009E+00	-0.13599E+00	-0.10378E+01	-0.58665E+00	0.37459E+00
84	0.22559E+01	0.53348E+00	0.14631E+00	-0.11365E+01	-0.90744E+00	0.39297E+00
85	0.25135E+01	0.28329E+00	0.20645E+00	-0.16154E+01	-0.11084E+01	0.10424E+01
86	0.25224E+01	0.33806E+00	0.16043E+00	-0.13174E+01	-0.10835E+01	0.73673E+00
87	0.18036E+01	0.30910E+00	0.83303E-01	-0.16283E+01	-0.10427E+01	0.11378E+01
88	0.17901E+01	0.26771E-01	0.15854E+00	-0.17392E+01	-0.12143E+01	0.16176E+01
89	0.19151E+01	0.41003E-01	0.19288E+00	-0.14918E+01	-0.12977E+01	0.14674E+01
90	0.21728E+01	0.19026E+00	0.14052E+00	-0.10824E+01	-0.13525E+01	0.76764E+00
91	0.22675E+01	0.32432E+00	0.35038E+00	-0.10040E+01	-0.14364E+01	0.10209E+01
92	0.22624E+01	0.38525E+00	0.32652E+00	-0.76209E+00	-0.14171E+01	0.68557E+00
93	0.14238E+01	-0.10086E+01	0.24176E+00	-0.18307E+01	-0.11648E+01	0.23113E+01
94	0.15692E+01	-0.19779E+00	0.50213E+00	-0.13546E+01	-0.10746E+01	0.21885E+01
95	0.11041E+01	0.29192E+00	0.56350E+00	-0.15053E+01	-0.97942E+00	0.16269E+01
96	0.13652E+01	-0.17168E+00	0.26112E+00	-0.18685E+01	-0.99014E+00	0.19367E+01
97	0.97696E+00	0.12735E+00	0.41018E+00	-0.14790E+01	-0.96634E+00	0.14108E+01
98	0.11576E+01	0.58912E-01	0.25712E+00	-0.12906E+01	-0.88869E+00	0.13907E+01
99	0.12657E+01	-0.27479E+00	0.52804E-01	-0.14999E+01	-0.92150E+00	0.15161E+01
100	0.98017E+00	-0.18538E+00	0.33106E-01	-0.10395E+01	-0.85836E+00	0.10531E+01
101	0.11780E+01	0.90564E-01	0.22709E+00	-0.31424E+00	-0.84938E+00	0.78858E+00
102	0.81973E+00	-0.23677E+00	-0.25064E+00	-0.86396E+00	-0.78887E+00	0.78464E+00
103	0.57637E+00	0.11197E+00	-0.75713E-01	-0.26863E+00	-0.68817E+00	0.36815E+00
104	0.62848E+00	0.21254E+00	-0.46027E-01	-0.59263E-01	-0.67696E+00	0.22622E+00
105	0.16566E+01	-0.31150E+00	0.70991E+00	-0.16167E+01	-0.14071E+01	0.21552E+01
106	0.26886E+01	0.14845E+01	0.21579E+01	-0.55491E-01	-0.15320E+01	0.99577E+00
107	0.20153E+01	0.86039E+00	0.15730E+01	-0.32299E+00	-0.14598E+01	0.15309E+01
108	0.16754E+01	0.75477E+00	0.13771E+01	-0.85233E+00	-0.13841E+01	0.15390E+01
109	0.16143E+01	0.79126E+00	0.14437E+01	-0.30777E+00	-0.13739E+01	0.99897E+00
110	0.25744E+00	-0.39591E+00	0.33642E+00	-0.12651E+01	-0.12379E+01	0.16017E+01
111	-0.32851E-01	-0.16665E+00	0.40944E+00	-0.89899E+00	-0.11124E+01	0.85917E+00
112	-0.59314E-01	-0.18775E+00	0.36313E+00	-0.14173E+01	-0.11027E+01	0.85011E+00
113	-0.54623E+00	-0.66195E+00	-0.22059E+00	-0.15397E+01	-0.89825E+00	0.16580E+01
114	-0.45299E+00	-0.42906E+00	0.65471E-01	-0.12828E+01	-0.81074E+00	0.83112E+00

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115	-0.51620E+00	-0.43929E+00	-0.51329E-01	-0.22334E+01	-0.77895E+00	0.80517E+00
116	-0.28837E+00	-0.63176E+00	-0.22223E+00	-0.17373E+01	-0.55198E+00	0.14448E+01
117	0.26119E+00	0.99380E-02	0.27045E+00	-0.18942E+01	-0.38171E+00	0.75444E+00
118	0.19160E+00	-0.19831E-01	0.12624E+00	-0.16379E+01	-0.34440E+00	0.69650E+00
119	0.45629E-01	-0.52798E+00	-0.21909E+00	-0.13865E+01	-0.21846E+00	0.10760E+01
120	0.43397E+00	0.12308E+00	0.15614E+00	-0.13857E+01	-0.87688E-01	0.62200E+00
121	0.38991E+00	0.10720E+00	0.61857E-01	-0.11778E+01	-0.62579E-01	0.54515E+00
122	-0.11882E+00	-0.71674E+00	-0.49432E+00	-0.11514E+01	0.19328E-01	0.83818E+00
123	0.66330E-01	-0.89039E-01	-0.23540E+00	-0.94946E+00	0.14090E+00	0.45382E+00
124	0.47134E-01	-0.88603E-01	-0.28383E+00	-0.72717E+00	0.15552E+00	0.36384E+00
125	0.12211E+00	-0.14278E+00	-0.25834E+00	-0.61209E+00	0.15940E+00	0.40238E+00
126	-0.37107E-01	-0.13241E+00	-0.38386E+00	-0.46153E+00	0.22211E+00	0.24803E+00
127	-0.36063E-01	-0.12227E+00	-0.39139E+00	-0.23871E+00	0.22640E+00	0.18110E+00
128	-0.37877E+00	-0.38649E+00	-0.62629E+00	-0.33416E+00	0.25301E+00	0.20278E+00
129	-0.83245E+00	-0.60807E+00	-0.93482E+00	-0.16266E+00	0.32613E+00	0.71338E-01
183	0.19301E+01	-0.58723E+00	0.71476E+00	-0.26932E+01	-0.14948E+01	0.31369E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.47368E+00	0.31578E+01	-0.26842E+01	-0.46450E+02	0.19869E+02	0.21354E+02
131	0.65427E-01	0.43618E+00	-0.37075E+00	-0.10332E+03	0.33730E+02	0.66728E+02
132	0.16124E+00	0.10750E+01	-0.91371E+00	-0.17364E+03	0.54490E+02	0.11389E+03
133	0.79383E-01	0.52922E+00	-0.44984E+00	-0.25315E+03	0.75508E+02	0.16609E+03
134	0.16315E+00	0.10876E+01	-0.92450E+00	-0.34325E+03	0.97384E+02	0.22759E+03
135	0.30195E+00	0.20130E+01	-0.17111E+01	-0.41256E+03	0.11452E+03	0.28221E+03
136	0.14371E+00	0.95806E+00	-0.81435E+00	-0.46836E+03	0.12208E+03	0.31961E+03
137	0.12778E+00	0.65166E+00	-0.72408E+00	-0.45747E+03	0.13616E+03	0.33635E+03
138	0.44729E+00	0.29819E+01	-0.20278E+01	-0.47079E+03	0.25062E+03	0.36274E+03
139	-0.50855E+00	-0.33904E+01	0.47133E+01	-0.45275E+03	0.48036E+03	0.38401E+03
140	-0.22309E+01	-0.14873E+02	0.12642E+02	-0.58220E+03	0.58138E+03	0.43531E+03
141	-0.21307E+01	-0.14204E+02	0.12074E+02	-0.58049E+03	0.59021E+03	0.46431E+03
142	-0.24419E+01	-0.16279E+02	0.13838E+02	-0.61006E+03	0.59193E+03	0.49288E+03
143	-0.25102E+01	-0.16735E+02	0.14225E+02	0.23703E+03	0.71798E+03	-0.36652E+03
144	-0.28930E+01	-0.19236E+02	0.16393E+02	0.23237E+03	0.70661E+03	-0.34100E+03
145	0.13120E+01	0.87467E+01	-0.34409E+01	-0.22589E+03	0.51578E+03	-0.88719E+03
146	0.53701E+00	0.35801E+01	-0.35478E+01	-0.23305E+03	0.37941E+03	-0.78361E+03
147	0.54710E+00	0.36473E+01	-0.34751E+01	-0.21952E+03	0.38923E+03	-0.77061E+03
148	0.55858E+00	0.37239E+01	0.13124E+01	-0.21543E+03	0.39870E+03	-0.77286E+03
149	0.57180E+00	0.38120E+01	0.12446E+01	-0.21465E+03	0.40902E+03	-0.78845E+03
150	0.64999E+00	0.43333E+01	0.71386E+00	-0.16481E+03	0.44284E+03	-0.76475E+03
151	0.77702E+00	0.51801E+01	0.17394E+02	-0.15975E+03	0.49833E+03	-0.78405E+03
152	0.72939E+00	0.48626E+01	0.31054E+02	-0.15845E+03	0.46651E+03	-0.77699E+03
153	0.65797E+00	0.43865E+01	0.27483E+02	-0.13858E+03	0.42148E+03	-0.75857E+03
154	0.50143E+00	0.33429E+01	0.52657E+02	-0.12088E+03	0.31892E+03	-0.73645E+03
155	0.27818E+00	0.18545E+01	0.43241E+02	-0.12458E+03	0.16830E+03	-0.68782E+03
156	0.94479E-01	0.62986E+00	0.37055E+02	-0.10138E+03	0.48300E+02	-0.63674E+03
157	-0.56645E-01	-0.37763E+00	0.29627E+02	-0.94256E+02	-0.51764E+02	-0.56591E+03
158	-0.18027E+00	-0.12018E+01	0.24866E+02	-0.74171E+02	-0.13230E+03	-0.49732E+03
159	-0.27815E+00	-0.18543E+01	0.17756E+02	-0.44878E+02	-0.19370E+03	-0.41073E+03
160	-0.35011E+00	-0.23341E+01	0.12725E+02	-0.31519E+02	-0.24006E+03	-0.32981E+03
161	-0.44034E+00	-0.29356E+01	0.69283E+01	-0.14427E+02	-0.27936E+03	-0.23210E+03
162	-0.47214E+00	-0.31476E+01	0.11564E+01	-0.64323E+01	-0.27989E+03	-0.16217E+03
163	-0.55714E+00	-0.37142E+01	0.34058E+00	0.13151E+02	-0.32717E+03	-0.11341E+03
164	-0.57434E+00	-0.38289E+01	-0.72157E+00	0.33134E+02	-0.33434E+03	-0.73512E+02

165	-0.32240E+03	-0.52909E+02	0.32802E+01	-0.17415E+02	-0.34748E+03	-0.54655E+02
166	-0.26569E+03	-0.40333E+02	-0.74641E+00	-0.13249E+02	-0.32450E+03	-0.50283E+02
167	-0.21391E+03	-0.29924E+02	-0.28314E+01	-0.10820E+02	-0.27883E+03	-0.46676E+02
168	-0.16637E+03	-0.21797E+02	-0.36416E+01	-0.83780E+01	-0.23162E+03	-0.43644E+02
169	-0.10954E+03	-0.11323E+02	-0.49056E+01	-0.61466E+01	-0.20086E+03	-0.40267E+02
170	-0.52707E+02	-0.12529E+01	-0.68542E+01	-0.36068E+01	-0.18281E+03	-0.36380E+02
171	0.64585E+01	0.90688E+01	-0.80687E+01	-0.16662E+00	-0.14876E+03	-0.30857E+02
172	0.41853E+02	0.13957E+02	-0.74869E+01	0.33971E+01	-0.10282E+03	-0.24765E+02
173	0.44153E+02	0.11553E+02	-0.47273E+01	0.54526E+01	-0.60589E+02	-0.20548E+02
174	0.28653E+02	0.58449E+01	-0.14725E+01	0.60173E+01	-0.29212E+02	-0.17027E+02
175	0.71384E+01	0.47277E+00	0.51621E+00	0.46233E+01	-0.18045E+02	-0.15221E+02
176	-0.11793E+01	-0.10022E+01	0.71696E+00	0.31757E+01	-0.20004E+02	-0.14010E+02
177	-0.26261E+01	-0.83822E+00	0.37359E+00	0.20226E+01	-0.21430E+02	-0.11515E+02
178	-0.11021E+01	-0.14921E+00	-0.27708E-01	0.13243E+01	-0.16263E+02	-0.83526E+01
179	0.33168E+00	0.13705E+00	-0.86029E-01	0.12059E+01	-0.11487E+02	-0.58590E+01
180	0.35054E-01	0.42234E-01	-0.36568E-01	0.98518E+00	-0.66920E+01	-0.35209E+01
181	0.10030E+00	0.11466E+00	-0.89091E-01	0.89935E+00	-0.30515E+01	-0.12113E+01
182	-0.36568E+00	-0.16984E+00	0.99990E-01	0.35575E+00	0.74490E+00	0.57380E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1500E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.28574E-01	-0.64159E-04	-0.28851E-01	0.00000E+00
3	0.52693E-01	0.23722E-04	-0.52625E-01	0.00000E+00
4	0.58423E-01	0.39597E-04	-0.58234E-01	0.00000E+00
5	0.66134E-01	-0.30355E-04	-0.66109E-01	0.00000E+00
6	0.71065E-01	0.94921E-05	-0.71066E-01	0.00000E+00
7	0.66159E-01	0.86895E-03	-0.66241E-01	0.00000E+00
8	0.71226E-01	0.82791E-03	-0.71316E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.28175E-01	0.50250E-03	-0.28089E-01	0.00000E+00
11	0.52058E-01	0.10976E-02	-0.52105E-01	0.00000E+00
12	0.57957E-01	0.13570E-02	-0.58156E-01	0.00000E+00
13	0.66201E-01	0.14670E-02	-0.66442E-01	0.00000E+00
14	0.71593E-01	0.14751E-02	-0.72013E-01	0.00000E+00
15	0.66566E-01	0.26538E-02	-0.67639E-01	0.00000E+00
16	0.72218E-01	0.25077E-02	-0.73209E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.27442E-01	0.11397E-02	-0.28123E-01	0.00000E+00
19	0.51499E-01	0.26516E-02	-0.52634E-01	0.00000E+00
20	0.57811E-01	0.33178E-02	-0.59076E-01	0.00000E+00
21	0.66931E-01	0.35457E-02	-0.68363E-01	0.00000E+00
22	0.73141E-01	0.34882E-02	-0.74963E-01	0.00000E+00
23	0.67528E-01	0.53935E-02	-0.69847E-01	0.00000E+00
24	0.74407E-01	0.52747E-02	-0.77375E-01	0.00000E+00
25	0.75181E-01	0.67321E-02	-0.78872E-01	0.00000E+00
26	0.75645E-01	0.73127E-02	-0.79765E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.26024E-01	0.16219E-02	-0.27574E-01	0.00000E+00
29	0.49807E-01	0.40732E-02	-0.52331E-01	0.00000E+00
30	0.56767E-01	0.54191E-02	-0.59436E-01	0.00000E+00
31	0.67261E-01	0.68813E-02	-0.70907E-01	0.00000E+00
32	0.76091E-01	0.79430E-02	-0.80708E-01	0.00000E+00
33	0.67043E-01	0.72178E-02	-0.71112E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.25480E-01	0.15476E-02	-0.27199E-01	0.00000E+00
36	0.49030E-01	0.39527E-02	-0.51760E-01	0.00000E+00
37	0.56062E-01	0.52796E-02	-0.58791E-01	0.00000E+00
38	0.66844E-01	0.69593E-02	-0.71020E-01	0.00000E+00
39	0.76715E-01	0.82419E-02	-0.82248E-01	0.00000E+00
40	0.76592E-01	0.82198E-02	-0.81921E-01	0.00000E+00
41	0.76463E-01	0.31980E-02	-0.81609E-01	0.00000E+00
42	0.76334E-01	0.81561E-02	-0.81220E-01	0.00000E+00
43	0.54777E-01	0.43940E-02	-0.56539E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.23681E-01	0.11188E-02	-0.24801E-01	0.00000E+00
46	0.46309E-01	0.28172E-02	-0.47256E-01	0.00000E+00
47	0.76748E-01	0.82420E-02	-0.82344E-01	0.00000E+00
48	0.76756E-01	0.82427E-02	-0.82357E-01	0.00000E+00
49	0.66749E-01	0.68424E-02	-0.70871E-01	0.00000E+00
50	0.76800E-01	0.82939E-02	-0.82525E-01	0.00000E+00
51	0.65399E-01	0.58157E-02	-0.67362E-01	0.00000E+00
52	0.74890E-01	0.80485E-02	-0.76776E-01	0.00000E+00
53	0.76719E-01	0.82159E-02	-0.82311E-01	0.00000E+00
54	0.53189E-01	0.38772E-02	-0.53605E-01	0.00000E+00
55	0.63513E-01	0.53192E-02	-0.63531E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.22079E-01	0.59757E-03	-0.21742E-01	0.00000E+00
58	0.43530E-01	0.17230E-02	-0.41813E-01	0.00000E+00
59	0.73021E-01	0.68588E-02	-0.71427E-01	0.00000E+00
60	0.74071E-01	0.77374E-02	-0.75085E-01	0.00000E+00
61	0.76814E-01	0.83264E-02	-0.82634E-01	0.00000E+00
62	0.50061E-01	0.23620E-02	-0.47474E-01	0.00000E+00
63	0.59514E-01	0.33692E-02	-0.55734E-01	0.00000E+00
64	0.75331E-01	0.81506E-02	-0.77296E-01	0.00000E+00
65	0.76827E-01	0.83575E-02	-0.82741E-01	0.00000E+00
66	0.76929E-01	0.84191E-02	-0.82955E-01	0.00000E+00
67	0.77032E-01	0.84812E-02	-0.83174E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.21106E-01	0.11435E-03	-0.18712E-01	0.00000E+00
70	0.40857E-01	0.35520E-03	-0.35905E-01	0.00000E+00
71	0.67733E-01	0.44929E-02	-0.63040E-01	0.00000E+00
72	0.75403E-01	0.91793E-02	-0.76394E-01	0.00000E+00
73	0.55759E-01	0.13052E-02	-0.47852E-01	0.00000E+00
74	0.77684E-01	0.66396E-02	-0.78487E-01	0.00000E+00
75	0.77119E-01	0.85322E-02	-0.83372E-01	0.00000E+00
76	0.77666E-01	0.86254E-02	-0.83715E-01	0.00000E+00
77	0.63413E-01	0.20938E-02	-0.53622E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.20353E-01	-0.43750E-03	-0.16317E-01	0.00000E+00
80	0.38701E-01	-0.74230E-03	-0.30089E-01	0.00000E+00
81	0.43911E-01	-0.87870E-03	-0.33777E-01	0.00000E+00
82	0.51806E-01	-0.46560E-03	-0.39069E-01	0.00000E+00
83	0.75603E-01	0.58286E-02	-0.69430E-01	0.00000E+00
84	0.67240E-01	0.13100E-02	-0.51440E-01	0.00000E+00
85	0.78827E-01	0.87454E-02	-0.84161E-01	0.00000E+00
86	0.80202E-01	0.89839E-02	-0.80771E-01	0.00000E+00
87	0.58970E-01	0.31593E-04	-0.43927E-01	0.00000E+00
88	0.78500E-01	0.75676E-02	-0.75407E-01	0.00000E+00
89	0.79857E-01	0.88521E-02	-0.84585E-01	0.00000E+00
90	0.44373E-01	-0.64404E-03	-0.22118E-01	0.00000E+00
91	0.48436E-01	-0.33483E-03	-0.23692E-01	0.00000E+00
92	0.51128E-01	0.19377E-04	-0.24836E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.16157E-01	0.00000E+00	-0.22034E-02	0.00000E+00
95	0.30234E-01	0.00000E+00	-0.47965E-02	0.00000E+00
96	0.33757E-01	0.00000E+00	-0.55728E-02	0.00000E+00
97	0.38130E-01	0.00000E+00	-0.71161E-02	0.00000E+00
98	0.39942E-01	0.00000E+00	-0.78534E-02	0.00000E+00
99	0.43704E-01	-0.36015E-03	-0.15790E-01	0.00000E+00
100	0.55024E-01	0.28785E-03	-0.29810E-01	0.00000E+00
101	0.74202E-01	0.26460E-02	-0.54902E-01	0.00000E+00
102	0.82559E-01	0.99885E-02	-0.65182E-01	0.00000E+00
103	0.80015E-01	0.66367E-02	-0.72704E-01	0.00000E+00
104	0.84330E-01	0.95272E-02	-0.83563E-01	0.00000E+00
105	0.84756E-01	0.91076E-02	-0.85702E-01	0.00000E+00
106	0.83247E-01	0.73037E-02	-0.74608E-01	0.00000E+00
107	0.87429E-01	0.10023E-01	-0.85378E-01	0.00000E+00
108	0.86632E-01	0.91980E-02	-0.86145E-01	0.00000E+00
109	0.88108E-01	0.92669E-02	-0.86485E-01	0.00000E+00
110	0.87766E-01	0.82651E-02	-0.76914E-01	0.00000E+00
111	0.89808E-01	0.10467E-01	-0.86573E-01	0.00000E+00
112	0.89330E-01	0.93143E-02	-0.86727E-01	0.00000E+00
113	0.89126E-01	0.66320E-02	-0.79283E-01	0.00000E+00
114	0.90174E-01	0.93312E-02	-0.86648E-01	0.00000E+00
115	0.90745E-01	0.93317E-02	-0.86858E-01	0.00000E+00
116	0.90981E-01	0.93115E-02	-0.86723E-01	0.00000E+00

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117	0.90741E-01	0.10477E-01	-0.86701E-01	0.00000E+00
118	0.90984E-01	0.92966E-02	-0.86615E-01	0.00000E+00
119	0.90917E-01	0.92620E-02	-0.86360E-01	0.00000E+00
120	0.91285E-01	0.10381E-01	-0.86448E-01	0.00000E+00
121	0.90777E-01	0.92046E-02	-0.86005E-01	0.00000E+00
122	0.90770E-01	0.91496E-02	-0.86066E-01	0.13834E-04
123	0.90726E-01	0.90278E-02	-0.86097E-01	0.25584E-04
124	0.90648E-01	0.88263E-02	-0.86130E-01	0.40262E-04
125	0.90508E-01	0.85209E-02	-0.86158E-01	0.59757E-04
126	0.90147E-01	0.77604E-02	-0.86202E-01	0.83655E-04
127	0.89681E-01	0.67872E-02	-0.86241E-01	0.10297E-03
128	0.88642E-01	0.44728E-02	-0.86321E-01	0.10104E-03
129	0.87795E-01	0.24692E-02	-0.86390E-01	0.78992E-04
130	0.87164E-01	0.84828E-03	-0.86464E-01	0.46272E-04
131	0.86833E-01	-0.14723E-03	-0.86579E-01	0.40551E-05
132	0.86932E-01	0.13266E-03	-0.86690E-01	-0.12026E-04
133	0.87078E-01	0.64227E-03	-0.86797E-01	-0.89732E-05
134	0.87125E-01	0.81386E-03	-0.86890E-01	0.44744E-07
135	0.87104E-01	0.62438E-03	-0.86968E-01	0.53937E-05
136	0.87084E-01	0.38846E-03	-0.87023E-01	0.40286E-05
137	0.87077E-01	0.20391E-03	-0.87059E-01	0.36446E-05
138	0.87073E-01	0.26687E-04	-0.87074E-01	0.29676E-05
139	0.87073E-01	0.35271E-05	-0.87073E-01	0.35043E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1500E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.13611E-01	0.70459E-01	0.22466E-02	0.34896E+01	0.36408E-01	-0.34964E+01
2	-0.96671E-01	0.66234E-01	-0.22912E-01	0.29964E+01	0.55277E-01	-0.29801E+01
3	-0.22745E+00	0.51692E-01	-0.37397E-01	0.23249E+01	0.39827E-01	-0.23300E+01
4	0.10423E+00	0.65188E-01	0.16483E+00	0.18201E+01	-0.58599E-01	-0.18648E+01
5	-0.14476E+00	0.24143E-01	-0.53711E-01	0.18389E+01	0.89702E-02	-0.18797E+01
6	0.85337E-01	0.97823E-01	0.12410E-01	0.18940E+01	-0.17272E-01	-0.19285E+01
7	0.42130E-01	0.53669E-02	-0.18333E-01	0.12765E+01	-0.21421E-01	-0.12743E+01
8	0.10642E+00	0.25179E-01	-0.17635E-01	0.12847E+01	-0.55955E-01	-0.13327E+01
9	0.20318E+00	0.45986E+00	0.24397E+00	0.34231E+01	0.62848E-02	-0.34561E+01
10	0.12856E+00	0.48472E+00	0.18193E+00	0.30133E+01	0.11526E-02	-0.30341E+01
11	-0.35179E-01	0.41198E+00	-0.62182E-01	0.25072E+01	-0.43253E-01	-0.25050E+01
12	0.35631E+00	0.27124E+00	0.15647E+00	0.20003E+01	-0.14624E+00	-0.19364E+01
13	0.71532E-02	0.17077E+00	-0.60115E-01	0.20582E+01	-0.36173E-01	-0.20586E+01
14	0.35826E+00	0.32534E+00	0.10935E+00	0.21372E+01	-0.10827E+00	-0.21684E+01
15	0.29221E+00	0.82471E-01	0.22188E-01	0.14380E+01	-0.15240E+00	-0.14174E+01
16	0.34230E+00	0.64147E-01	-0.22254E-01	0.14983E+01	-0.17574E+00	-0.15436E+01
17	0.28649E+00	0.73087E+00	0.35935E+00	0.32855E+01	0.37699E-01	-0.34248E+01
18	0.86360E-01	0.80507E+00	0.23094E+00	0.29953E+01	0.76963E-01	-0.30830E+01
19	-0.34137E+00	0.80849E+00	-0.16062E+00	0.26986E+01	0.11139E+00	-0.27193E+01
20	0.56560E+00	0.44831E+00	0.21068E+00	0.23098E+01	-0.19819E+00	-0.21824E+01
21	0.43102E-01	0.67932E+00	0.78623E-01	0.24040E+01	0.43120E-01	-0.24650E+01
22	0.62045E+00	0.13473E+01	0.53142E+00	0.25350E+01	-0.94826E-01	-0.26727E+01
23	0.58769E+00	0.21168E+00	0.79868E-01	0.17949E+01	-0.26605E+00	-0.17609E+01
24	0.11506E+01	0.53380E+00	0.38292E+00	0.20682E+01	-0.43586E+00	-0.18902E+01
25	0.65424E+00	0.79755E+00	0.26830E+00	0.20944E+01	-0.22415E+00	-0.21681E+01
26	0.22838E+01	0.21484E+01	0.14216E+01	0.24103E+01	-0.52017E+00	-0.24212E+01
27	0.30617E+00	0.82353E+00	0.39680E+00	0.31386E+01	0.64485E-01	-0.33663E+01
28	0.34130E-01	0.94364E+00	0.24750E+00	0.28693E+01	0.16437E+00	-0.30812E+01
29	-0.69867E+00	0.99070E+00	-0.24570E+00	0.25031E+01	0.41892E+00	-0.28169E+01
30	0.14896E+00	0.10196E+01	0.18242E+00	0.24560E+01	-0.91615E-02	-0.26767E+01
31	0.66866E-01	0.12766E+01	0.28624E+00	0.22566E+01	-0.27192E+00	-0.27724E+01
32	0.34854E+00	0.13113E+01	0.33222E+00	0.21833E+01	0.15460E+00	-0.28280E+01
33	0.16221E+01	0.17509E+01	0.99553E+00	0.23075E+01	-0.33232E+00	-0.25416E+01
34	0.35489E+01	0.29731E+01	0.22321E+01	0.23539E+01	-0.70786E+00	-0.27521E+01
35	0.12728E+01	0.14532E+01	0.70850E+00	0.22949E+01	-0.23292E+00	-0.27489E+01
36	-0.11707E+00	0.66253E+00	-0.13301E+00	0.21700E+01	0.17942E+00	-0.28203E+01
37	0.15637E+01	0.18893E+01	0.99810E+00	0.24026E+01	-0.24973E+00	-0.29161E+01
38	0.21762E+00	0.66960E+00	0.31575E+00	0.29893E+01	0.97994E-01	-0.31909E+01
39	-0.75457E-01	0.74281E+00	0.17709E+00	0.27671E+01	0.27389E+00	-0.29197E+01
40	-0.68741E+00	0.10058E+01	-0.17651E+00	0.23304E+01	0.73582E+00	-0.27754E+01
41	-0.88667E+00	0.61586E+00	-0.26695E+00	0.24472E+01	0.70257E+00	-0.27245E+01
42	-0.10308E+01	0.63655E+00	-0.21582E+00	0.23781E+01	0.85961E+00	-0.24612E+01
43	-0.15391E+00	0.94558E+00	0.84538E-01	0.21774E+01	0.42781E+00	-0.28242E+01
44	-0.49489E+00	0.61205E+00	-0.13121E+00	0.21147E+01	0.70168E+00	-0.24832E+01
45	-0.75240E+00	0.48819E+00	-0.18333E+00	0.22192E+01	0.66217E+00	-0.24601E+01
46	-0.39030E+00	0.76048E+00	0.10447E+00	0.21513E+01	0.50135E+00	-0.22469E+01
47	0.51957E+00	0.12349E+01	0.33537E+00	0.22662E+01	0.12414E+00	-0.29382E+01
48	0.60667E+00	0.13454E+01	0.39824E+00	0.24043E+01	0.18338E+00	-0.29701E+01
49	0.30114E-01	0.11481E+01	0.16180E+00	0.23333E+01	0.55488E+00	-0.31219E+01
50	-0.20106E+01	0.17022E+00	-0.94851E+00	0.19711E+01	0.14909E+01	-0.22174E+01
51	-0.35619E+00	-0.69620E-01	-0.59394E+00	0.92755E-01	0.19803E+00	-0.58528E+00
52	-0.16858E+01	-0.11110E+01	-0.14561E+01	-0.86380E+00	0.81061E+00	0.23695E+01
53	-0.74892E+00	0.81288E+00	-0.10696E-01	0.17921E+01	0.73622E+00	-0.19573E+01
54	0.63031E-02	0.30906E+00	0.11763E+00	0.27700E+01	0.11519E+00	-0.28501E+01

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55	-0.22343E+00	0.46775E+00	0.97671E-01	0.26273E+01	0.31179E+00	-0.26222E+01
56	-0.10162E+01	0.47154E+00	-0.10439E+00	0.22679E+01	0.82608E+00	-0.22852E+01
57	-0.58365E+00	0.46478E+00	-0.11722E-01	0.19923E+01	0.57646E+00	-0.20383E+01
58	-0.76996E+00	0.50140E+00	0.11455E-01	0.16519E+01	0.65883E+00	-0.17382E+01
59	0.20029E+00	0.29747E+00	0.20324E+00	0.26986E+01	-0.14792E-02	-0.26591E+01
60	-0.32727E+00	-0.15654E+00	-0.16191E+00	0.25588E+01	0.21087E+00	-0.22892E+01
61	-0.17741E+00	-0.39812E-01	-0.19949E-01	0.25392E+01	0.15178E+00	-0.22859E+01
62	-0.15663E+00	-0.26353E+00	-0.12805E+00	0.24882E+01	-0.14291E-01	-0.19927E+01
63	-0.29559E+00	0.16503E+00	0.31748E-01	0.24575E+01	0.29772E+00	-0.22855E+01
64	-0.43479E+00	-0.22843E+00	-0.11312E+00	0.22671E+01	0.24673E+00	-0.18904E+01
65	-0.90140E+00	0.34747E+00	0.44682E-01	0.21949E+01	0.79543E+00	-0.21146E+01
66	-0.11639E+01	0.14145E-01	0.14729E-01	0.20096E+01	0.86614E+00	-0.17452E+01
67	-0.93072E+00	-0.39812E+00	0.37083E-01	0.17481E+01	0.68536E+00	-0.13431E+01
68	-0.78338E+00	0.30337E+00	0.14707E-01	0.18691E+01	0.60927E+00	-0.13262E+01
69	-0.72320E+00	0.49290E-01	-0.51145E-02	0.17603E+01	0.49814E+00	-0.15787E+01
70	-0.11830E+01	-0.31834E+00	-0.24062E+00	0.15571E+01	0.63251E+00	-0.11467E+01
71	-0.94205E+00	0.19170E+00	-0.21209E-01	0.15539E+01	0.65005E+00	-0.14590E+01
72	-0.10415E+01	-0.35275E-01	-0.21753E-01	0.14392E+01	0.65467E+00	-0.11609E+01
73	-0.19527E+00	-0.17169E+00	-0.46881E-01	0.22355E+01	0.93693E-01	-0.11309E+01
74	-0.35858E+00	-0.16360E+00	0.80053E-01	0.19920E+01	0.25804E+00	-0.99779E+00
75	-0.80190E+00	-0.16914E+00	0.45480E+00	0.16310E+01	0.69380E+00	-0.81189E+00
76	-0.91564E+00	-0.92417E-01	0.58057E-01	0.17028E+01	0.56984E+00	-0.11396E+01
77	-0.74040E+00	-0.38910E+00	0.78102E-01	0.12191E+01	0.42183E+00	-0.52453E+00
78	-0.73347E+00	-0.19243E+00	0.25239E+00	0.97533E+00	0.42765E+00	-0.33260E+00
79	-0.12005E+01	-0.24719E+00	-0.28969E-01	0.12045E+01	0.60924E+00	-0.69304E+00
80	-0.14552E+01	-0.44497E+00	-0.12614E+00	0.87791E+00	0.50530E+00	-0.33710E+00
81	-0.72085E+00	-0.18741E+00	0.27891E+00	0.51593E+00	0.42070E+00	-0.14727E+00
82	-0.87280E+00	-0.25999E+00	0.22281E+00	0.42191E+00	0.40504E+00	-0.15879E+00
83	-0.12809E+01	-0.20779E+00	0.72639E-01	0.74559E+00	0.49310E+00	-0.31575E+00
84	-0.15117E+01	-0.35713E+00	-0.10657E+00	0.80749E+00	0.65434E+00	-0.34653E+00
85	-0.16250E+01	-0.10341E+00	-0.99208E-01	0.11164E+01	0.76486E+00	-0.70167E+00
86	-0.16609E+01	-0.19620E+00	-0.96026E-01	0.89655E+00	0.74535E+00	-0.43512E+00
87	-0.11644E+01	-0.19679E+00	-0.69019E-01	0.11101E+01	0.66764E+00	-0.81335E+00
88	-0.11169E+01	0.15310E+00	-0.87279E-02	0.11740E+01	0.75201E+00	-0.10940E+01
89	-0.11671E+01	0.14604E+00	0.91175E-04	0.95828E+00	0.79562E+00	-0.95528E+00
90	-0.14230E+01	-0.88387E-01	-0.64376E-01	0.69888E+00	0.82932E+00	-0.51705E+00
91	-0.14193E+01	-0.11123E+00	-0.12329E+00	0.63158E+00	0.86717E+00	-0.65260E+00
92	-0.14675E+01	-0.21884E+00	-0.13624E+00	0.46575E+00	0.84953E+00	-0.42141E+00
93	-0.90681E+00	0.97766E+00	-0.23098E-03	0.12436E+01	0.83722E+00	-0.15829E+01
94	-0.10206E+01	0.37679E+00	-0.20472E+00	0.12523E+01	0.74792E+00	-0.15123E+01
95	-0.70566E+00	0.10085E-01	-0.24536E+00	0.84031E+00	0.67968E+00	-0.11060E+01
96	-0.87556E+00	0.33560E+00	-0.43751E-01	0.12387E+01	0.68634E+00	-0.13003E+01
97	-0.63525E+00	0.98016E-01	-0.14976E+00	0.93529E+00	0.66859E+00	-0.94059E+00
98	-0.73655E+00	0.10503E+00	-0.53949E-01	0.83003E+00	0.60940E+00	-0.93113E+00
99	-0.85990E+00	0.28375E+00	0.37214E-01	0.98288E+00	0.63255E+00	-0.10022E+01
100	-0.61374E+00	0.23364E+00	0.95227E-01	0.68154E+00	0.58297E+00	-0.69005E+00
101	-0.72433E+00	0.40143E-01	-0.16981E-01	0.47403E+00	0.57053E+00	-0.50928E+00
102	-0.45260E+00	0.23339E+00	0.31843E+00	0.54381E+00	0.51706E+00	-0.49047E+00
103	-0.27288E+00	-0.17843E-01	0.21052E+00	0.10995E+00	0.45728E+00	-0.23633E+00
104	-0.32804E+00	-0.12243E+00	0.17720E+00	-0.16477E-01	0.44636E+00	-0.14244E+00
105	-0.10977E+01	0.46173E+00	-0.34804E+00	0.10988E+01	0.10216E+01	-0.14800E+01
106	-0.18815E+01	-0.93778E+00	-0.14482E+01	0.15212E-01	0.11108E+01	-0.68534E+00
107	-0.13568E+01	-0.41701E+00	-0.98175E+00	0.54215E+00	0.10598E+01	-0.10548E+01
108	-0.11262E+01	-0.34842E+00	-0.84745E+00	0.55957E+00	0.10064E+01	-0.10584E+01
109	-0.11447E+01	-0.46215E+00	-0.95242E+00	0.19097E+00	0.99909E+00	-0.68558E+00
110	-0.13929E+00	0.46071E+00	-0.11436E+00	0.84924E+00	0.90429E+00	-0.10938E+01
111	-0.23732E-01	0.17378E+00	-0.24838E+00	0.59673E+00	0.81805E+00	-0.58836E+00
112	-0.65556E-02	0.18409E+00	-0.21574E+00	0.94394E+00	0.81032E+00	-0.58117E+00
113	0.44131E+00	0.63974E+00	0.30381E+00	0.10320E+01	0.66675E+00	-0.11366E+01
114	0.26979E+00	0.34953E+00	-0.24599E-02	0.85427E+00	0.60578E+00	-0.56786E+00

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115	0.30998E+00	0.36430E+00	0.83507E-01	0.14316E+01	0.58299E+00	-0.54887E+00
116	0.27374E+00	0.64740E+00	0.31471E+00	0.11541E+01	0.42739E+00	-0.97392E+00
117	-0.18236E+00	0.62004E-01	-0.11411E+00	0.12468E+01	0.31319E+00	-0.51419E+00
118	-0.14005E+00	0.73195E-01	-0.19538E-01	0.10729E+01	0.28706E+00	-0.47401E+00
119	0.30843E-01	0.50340E+00	0.28639E+00	0.91743E+00	0.20062E+00	-0.71907E+00
120	-0.26308E+00	-0.42232E-02	-0.90499E-02	0.90237E+00	0.11496E+00	-0.42366E+00
121	-0.23854E+00	-0.30697E-02	0.51072E-01	0.76431E+00	0.97162E-01	-0.37153E+00
122	0.15221E+00	0.58551E+00	0.46989E+00	0.77052E+00	0.39355E-01	-0.55951E+00
123	0.46914E-01	0.16444E+00	0.30023E+00	0.61116E+00	-0.39769E-01	-0.31024E+00
124	0.54723E-01	0.15457E+00	0.32963E+00	0.46271E+00	-0.50563E-01	-0.24995E+00
125	-0.13474E-01	0.11392E+00	0.28554E+00	0.40713E+00	-0.58476E-01	-0.27429E+00
126	0.17065E+00	0.21371E+00	0.44054E+00	0.28593E+00	-0.99460E-01	-0.17186E+00
127	0.16640E+00	0.19924E+00	0.44439E+00	0.16078E+00	-0.10351E+00	-0.12785E+00
128	0.37376E+00	0.31996E+00	0.58229E+00	0.21868E+00	-0.12690E+00	-0.14137E+00
129	0.76442E+00	0.56487E+00	0.86518E+00	0.83502E-01	-0.17919E+00	-0.50127E-01
163	-0.12553E+01	0.72401E+00	-0.31603E+00	0.18639E+01	0.10845E+01	-0.22053E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.43333E+00	-0.28888E+01	0.24555E+01	0.28308E+02	-0.12403E+02	-0.13048E+02
131	-0.70984E-01	-0.47323E+00	0.40224E+00	0.64467E+02	-0.21706E+02	-0.42319E+02
132	-0.15780E+00	-0.10520E+01	0.89419E+00	0.10987E+03	-0.35624E+02	-0.73270E+02
133	-0.92007E-01	-0.61338E+00	0.52137E+00	0.16286E+03	-0.49736E+02	-0.10843E+03
134	-0.19677E+00	-0.13251E+01	0.11263E+01	0.22400E+03	-0.64599E+02	-0.15083E+03
135	-0.32244E+00	-0.21496E+01	0.18272E+01	0.27396E+03	-0.75921E+02	-0.18923E+03
136	-0.19117E+00	-0.12745E+01	0.10833E+01	0.31212E+03	-0.81134E+02	-0.21573E+03
137	-0.20352E+00	-0.13568E+01	0.11533E+01	0.29851E+03	-0.91934E+02	-0.22741E+03
138	-0.29482E+00	-0.19655E+01	0.13381E+01	0.30903E+03	-0.16883E+03	-0.24590E+03
139	0.78002E+00	0.52001E+01	-0.56461E+01	0.29465E+03	-0.32415E+03	-0.26057E+03
140	0.23330E+01	0.15554E+02	-0.13221E+02	0.38819E+03	-0.39189E+03	-0.29663E+03
141	0.22161E+01	0.14774E+02	-0.12558E+02	0.38775E+03	-0.39801E+03	-0.31687E+03
142	0.25539E+01	0.17026E+02	-0.14472E+02	0.41117E+03	-0.39883E+03	-0.33718E+03
143	0.26177E+01	0.17451E+02	-0.14833E+02	-0.17222E+03	-0.48562E+03	0.26220E+03
144	0.29695E+01	0.19797E+02	-0.16827E+02	-0.16623E+03	-0.47714E+03	0.24480E+03
145	-0.88194E+00	-0.58795E+01	0.12650E+01	0.21356E+03	-0.33670E+03	0.61838E+03
146	-0.35968E+00	-0.23979E+01	0.19820E+01	0.21490E+03	-0.24531E+03	0.54312E+03
147	-0.36560E+00	-0.24374E+01	0.19297E+01	0.20305E+03	-0.25165E+03	0.53392E+03
148	-0.37199E+00	-0.24799E+01	-0.13345E+01	0.20014E+03	-0.25702E+03	0.53525E+03
149	-0.37907E+00	-0.25271E+01	-0.12840E+01	0.20123E+03	-0.26231E+03	0.54577E+03
150	-0.42902E+00	-0.28601E+01	-0.96990E+00	0.16231E+03	-0.28426E+03	0.52918E+03
151	-0.50907E+00	-0.33938E+01	-0.12325E+02	0.16118E+03	-0.31800E+03	0.54180E+03
152	-0.47102E+00	-0.31401E+01	-0.21489E+02	0.15783E+03	-0.29293E+03	0.53630E+03
153	-0.41643E+00	-0.27762E+01	-0.18884E+02	0.14051E+03	-0.25884E+03	0.52274E+03
154	-0.30424E+00	-0.20283E+01	-0.35483E+02	0.12512E+03	-0.18573E+03	0.50676E+03
155	-0.14772E+00	-0.98482E+00	-0.28681E+02	0.12131E+03	-0.81099E+02	0.47261E+03
156	-0.19050E-01	-0.12700E+00	-0.24495E+02	0.10164E+03	0.24418E+01	0.43740E+03
157	0.87292E-01	0.58195E+00	-0.19326E+02	0.88064E+02	0.71885E+02	0.38907E+03
158	0.17490E+00	0.11660E+01	-0.16177E+02	0.72418E+02	0.12842E+03	0.34269E+03
159	0.24539E+00	0.16360E+01	-0.11395E+02	0.44657E+02	0.17165E+03	0.28448E+03
160	0.29854E+00	0.19905E+01	-0.80390E+01	0.31420E+02	0.20538E+03	0.23031E+03
161	0.37196E+00	0.24798E+01	-0.44014E+01	0.11396E+02	0.23594E+03	0.16522E+03
162	0.40119E+00	0.26746E+01	-0.12306E+01	0.27155E+01	0.23742E+03	0.11864E+03
163	0.47924E+00	0.31949E+01	-0.41227E+00	-0.10901E+02	0.28149E+03	0.85526E+02
164	0.50094E+00	0.33396E+01	0.39761E+00	-0.29531E+02	0.29151E+03	0.57331E+02

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165	0.29899E+03	0.49657E+02	-0.35985E+01	0.19441E+02	0.30603E+03	0.43221E+02
166	0.24942E+03	0.38292E+02	0.25899E+00	0.15560E+02	0.28623E+03	0.39427E+02
167	0.20242E+03	0.28613E+02	0.23686E+01	0.13238E+02	0.24628E+03	0.36283E+02
168	0.15865E+03	0.20978E+02	0.32608E+01	0.10904E+02	0.20479E+03	0.33618E+02
169	0.10537E+03	0.11552E+02	0.45203E+01	0.87345E+01	0.17757E+03	0.30628E+02
170	0.51582E+02	0.15164E+01	0.63967E+01	0.62479E+01	0.16110E+03	0.27181E+02
171	-0.44331E+01	-0.83101E+01	0.76007E+01	0.28601E+01	0.12963E+03	0.22308E+02
172	-0.38712E+02	-0.13118E+02	0.71137E+01	-0.70986E+00	0.86836E+02	0.17019E+02
173	-0.41656E+02	-0.10982E+02	0.45270E+01	-0.28581E+01	0.47855E+02	0.13527E+02
174	-0.26605E+02	-0.55551E+01	0.14769E+01	-0.36411E+01	0.19121E+02	0.10831E+02
175	-0.66260E+01	-0.54512E+00	-0.38917E+00	-0.26147E+01	0.10150E+02	0.98188E+01
176	0.96296E+00	0.80942E+00	-0.57971E+00	-0.15035E+01	0.12822E+02	0.92492E+01
177	0.21153E+01	0.67675E+00	-0.30364E+00	-0.76869E+00	0.14739E+02	0.76962E+01
178	0.89562E+00	0.12590E+00	0.17548E-01	-0.45040E+00	0.11416E+02	0.55996E+01
179	-0.24197E+00	-0.11271E+00	0.74072E-01	-0.51319E+00	0.80222E+01	0.39048E+01
180	-0.56209E-01	-0.41496E-01	0.32003E-01	-0.48561E+00	0.46200E+01	0.23318E+01
181	-0.76316E-01	-0.83990E-01	0.64939E-01	-0.52824E+00	0.20899E+01	0.79135E+00
182	0.23714E+00	0.11014E+00	-0.64845E-01	-0.23406E+00	-0.52565E+00	-0.47587E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1600E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.15527E-01	0.11046E-04	-0.15711E-01	0.00000E+00
3	0.29023E-01	0.19338E-03	-0.29084E-01	0.00000E+00
4	0.32448E-01	0.19879E-03	-0.32354E-01	0.00000E+00
5	0.36999E-01	0.39958E-04	-0.36986E-01	0.00000E+00
6	0.40095E-01	-0.10476E-05	-0.40098E-01	0.00000E+00
7	0.37017E-01	0.17506E-03	-0.36981E-01	0.00000E+00
8	0.40184E-01	0.11465E-03	-0.40188E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.14966E-01	-0.13346E-04	-0.14838E-01	0.00000E+00
11	0.28384E-01	0.10246E-03	-0.28298E-01	0.00000E+00
12	0.32112E-01	0.12968E-03	-0.31994E-01	0.00000E+00
13	0.37024E-01	0.44351E-04	-0.36947E-01	0.00000E+00
14	0.40405E-01	-0.56869E-04	-0.40436E-01	0.00000E+00
15	0.37167E-01	-0.28782E-03	-0.37273E-01	0.00000E+00
16	0.40765E-01	-0.43100E-03	-0.40874E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.14669E-01	-0.30131E-03	-0.14657E-01	0.00000E+00
19	0.28160E-01	-0.56464E-03	-0.28202E-01	0.00000E+00
20	0.32104E-01	-0.69805E-03	-0.32106E-01	0.00000E+00
21	0.37311E-01	-0.85066E-03	-0.37490E-01	0.00000E+00
22	0.41275E-01	-0.10009E-02	-0.41529E-01	0.00000E+00
23	0.37538E-01	-0.18107E-02	-0.37958E-01	0.00000E+00
24	0.41948E-01	-0.21966E-02	-0.42451E-01	0.00000E+00
25	0.42336E-01	-0.29389E-02	-0.43031E-01	0.00000E+00
26	0.42568E-01	-0.33614E-02	-0.43380E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.14889E-01	-0.84945E-03	-0.14367E-01	0.00000E+00
29	0.28496E-01	-0.18720E-02	-0.27907E-01	0.00000E+00
30	0.32483E-01	-0.23720E-02	-0.32071E-01	0.00000E+00
31	0.38065E-01	-0.30051E-02	-0.38269E-01	0.00000E+00
32	0.42614E-01	-0.39261E-02	-0.43750E-01	0.00000E+00
33	0.38242E-01	-0.32413E-02	-0.38342E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.15079E-01	-0.94576E-03	-0.14264E-01	0.00000E+00
36	0.28751E-01	-0.21814E-02	-0.27721E-01	0.00000E+00
37	0.32683E-01	-0.27846E-02	-0.31621E-01	0.00000E+00
38	0.38377E-01	-0.34701E-02	-0.38311E-01	0.00000E+00
39	0.43101E-01	-0.39982E-02	-0.44233E-01	0.00000E+00
40	0.43041E-01	-0.39870E-02	-0.44121E-01	0.00000E+00
41	0.42981E-01	-0.39768E-02	-0.44015E-01	0.00000E+00
42	0.42917E-01	-0.39594E-02	-0.43910E-01	0.00000E+00
43	0.33011E-01	-0.29268E-02	-0.31026E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.15585E-01	-0.99947E-03	-0.13513E-01	0.00000E+00
46	0.29317E-01	-0.21840E-02	-0.26155E-01	0.00000E+00
47	0.43117E-01	-0.39983E-02	-0.44257E-01	0.00000E+00
48	0.43120E-01	-0.39986E-02	-0.44270E-01	0.00000E+00
49	0.38411E-01	-0.35172E-02	-0.38252E-01	0.00000E+00
50	0.43141E-01	-0.40129E-02	-0.44432E-01	0.00000E+00
51	0.38492E-01	-0.35200E-02	-0.36900E-01	0.00000E+00
52	0.42773E-01	-0.36331E-02	-0.42089E-01	0.00000E+00
53	0.43105E-01	-0.39858E-02	-0.44216E-01	0.00000E+00
54	0.32956E-01	-0.26739E-02	-0.29921E-01	0.00000E+00
55	0.38346E-01	-0.31391E-02	-0.35458E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.15707E-01	-0.73586E-03	-0.12506E-01	0.00000E+00
58	0.29097E-01	-0.15362E-02	-0.24134E-01	0.00000E+00
59	0.42232E-01	-0.33975E-02	-0.39976E-01	0.00000E+00
60	0.42623E-01	-0.36126E-02	-0.41426E-01	0.00000E+00
61	0.43148E-01	-0.40192E-02	-0.44524E-01	0.00000E+00
62	0.32716E-01	-0.20300E-02	-0.27513E-01	0.00000E+00
63	0.37647E-01	-0.24295E-02	-0.32321E-01	0.00000E+00
64	0.42973E-01	-0.36654E-02	-0.42432E-01	0.00000E+00
65	0.43154E-01	-0.40252E-02	-0.44815E-01	0.00000E+00
66	0.43202E-01	-0.40374E-02	-0.44796E-01	0.00000E+00
67	0.43251E-01	-0.40508E-02	-0.44981E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.15287E-01	-0.50626E-03	-0.11496E-01	0.00000E+00
70	0.28543E-01	-0.11302E-02	-0.22129E-01	0.00000E+00
71	0.41673E-01	-0.28418E-02	-0.36601E-01	0.00000E+00
72	0.43197E-01	-0.36159E-02	-0.42214E-01	0.00000E+00
73	0.36780E-01	-0.16649E-02	-0.29300E-01	0.00000E+00
74	0.44204E-01	-0.37442E-02	-0.43551E-01	0.00000E+00
75	0.43292E-01	-0.40640E-02	-0.45155E-01	0.00000E+00
76	0.43553E-01	-0.40907E-02	-0.45483E-01	0.00000E+00
77	0.40500E-01	-0.17521E-02	-0.32581E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.15020E-01	-0.30922E-03	-0.10773E-01	0.00000E+00
80	0.27577E-01	-0.61255E-03	-0.20095E-01	0.00000E+00
81	0.30837E-01	-0.80086E-03	-0.22662E-01	0.00000E+00
82	0.35242E-01	-0.89712E-03	-0.26147E-01	0.00000E+00
83	0.44721E-01	-0.30553E-02	-0.40421E-01	0.00000E+00
84	0.42085E-01	-0.10761E-02	-0.32214E-01	0.00000E+00
85	0.44092E-01	-0.41237E-02	-0.45915E-01	0.00000E+00
86	0.45298E-01	-0.39592E-02	-0.45062E-01	0.00000E+00
87	0.35803E-01	-0.98078E-03	-0.29063E-01	0.00000E+00
88	0.45313E-01	-0.35192E-02	-0.42898E-01	0.00000E+00
89	0.44575E-01	-0.41553E-02	-0.46335E-01	0.00000E+00
90	0.32517E-01	-0.51059E-03	-0.23047E-01	0.00000E+00
91	0.34847E-01	-0.37966E-03	-0.24627E-01	0.00000E+00
92	0.36173E-01	-0.25079E-03	-0.25345E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.12949E-01	0.00000E+00	-0.87789E-02	0.00000E+00
95	0.24078E-01	0.00000E+00	-0.16263E-01	0.00000E+00
96	0.26774E-01	0.00000E+00	-0.18003E-01	0.00000E+00
97	0.29679E-01	0.00000E+00	-0.19796E-01	0.00000E+00
98	0.31100E-01	0.00000E+00	-0.20339E-01	0.00000E+00
99	0.32785E-01	-0.25335E-03	-0.22489E-01	0.00000E+00
100	0.37863E-01	-0.34061E-03	-0.26837E-01	0.00000E+00
101	0.44083E-01	-0.89185E-03	-0.33952E-01	0.00000E+00
102	0.45804E-01	-0.42034E-02	-0.46948E-01	0.00000E+00
103	0.46324E-01	-0.31049E-02	-0.42454E-01	0.00000E+00
104	0.47075E-01	-0.42050E-02	-0.47033E-01	0.00000E+00
105	0.46829E-01	-0.42411E-02	-0.47526E-01	0.00000E+00
106	0.47204E-01	-0.30674E-02	-0.43892E-01	0.00000E+00
107	0.48370E-01	-0.42859E-02	-0.48543E-01	0.00000E+00
108	0.47630E-01	-0.42793E-02	-0.43070E-01	0.00000E+00
109	0.48372E-01	-0.43080E-02	-0.48569E-01	0.00000E+00
110	0.48098E-01	-0.28581E-02	-0.45644E-01	0.00000E+00
111	0.49247E-01	-0.42546E-02	-0.49737E-01	0.00000E+00
112	0.48939E-01	-0.43335E-02	-0.49026E-01	0.00000E+00
113	0.48634E-01	-0.30767E-02	-0.47066E-01	0.00000E+00
114	0.49368E-01	-0.43502E-02	-0.49431E-01	0.00000E+00
115	0.49697E-01	-0.43617E-02	-0.49791E-01	0.00000E+00
116	0.49878E-01	-0.43623E-02	-0.50090E-01	0.00000E+00

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117	0.49632E-01	-0.41346E-02	-0.50471E-01	0.00000E+00
118	0.49894E-01	-0.43597E-02	-0.50222E-01	0.00000E+00
119	0.49926E-01	-0.43564E-02	-0.50419E-01	0.00000E+00
120	0.49793E-01	-0.39514E-02	-0.51181E-01	0.00000E+00
121	0.49957E-01	-0.43469E-02	-0.50645E-01	0.00000E+00
122	0.49961E-01	-0.43326E-02	-0.50655E-01	-0.37615E-05
123	0.49974E-01	-0.42997E-02	-0.50672E-01	-0.71389E-05
124	0.49998E-01	-0.42432E-02	-0.50689E-01	-0.11554E-04
125	0.50041E-01	-0.41547E-02	-0.50711E-01	-0.17715E-04
126	0.50153E-01	-0.39244E-02	-0.50750E-01	-0.27595E-04
127	0.50304E-01	-0.36163E-02	-0.50789E-01	-0.33385E-04
128	0.50664E-01	-0.28305E-02	-0.50871E-01	-0.36188E-04
129	0.50939E-01	-0.20773E-02	-0.50950E-01	-0.31550E-04
130	0.51270E-01	-0.13762E-02	-0.51040E-01	-0.22334E-04
131	0.51524E-01	-0.66236E-03	-0.51181E-01	-0.10986E-04
132	0.51627E-01	-0.33713E-03	-0.51313E-01	-0.54438E-05
133	0.51636E-01	-0.12505E-03	-0.51432E-01	-0.44139E-05
134	0.51718E-01	0.95836E-05	-0.51531E-01	-0.18832E-05
135	0.51719E-01	-0.99041E-05	-0.51612E-01	0.82983E-06
136	0.51718E-01	-0.38195E-04	-0.51671E-01	-0.38325E-06
137	0.51721E-01	-0.25206E-04	-0.51708E-01	-0.67242E-06
138	0.51724E-01	-0.69059E-05	-0.51725E-01	-0.11035E-05
139	0.51725E-01	-0.73846E-06	-0.51724E-01	-0.75337E-06

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1600E+01 104

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.13728E+00	-0.95259E-01	-0.99301E-01	0.16625E+01	0.35497E-01	-0.18668E+01
2	-0.20665E+00	-0.72503E-01	-0.11737E+00	0.16403E+01	0.64535E-01	-0.16510E+01
3	-0.22442E+00	-0.63771E-01	-0.39181E-01	0.12992E+01	0.69404E-01	-0.13250E+01
4	-0.14571E-01	-0.89809E-01	0.30939E-01	0.10105E+01	-0.25066E-01	-0.10782E+01
5	-0.11284E+00	-0.47449E-01	-0.22210E-01	0.10201E+01	0.17596E-01	-0.10718E+01
6	-0.33180E-01	-0.72581E-01	-0.18863E-01	0.10406E+01	-0.22145E-02	-0.10858E+01
7	0.27543E-01	-0.15121E-01	0.15588E-01	0.72455E+00	-0.11563E-01	-0.73766E+00
8	0.60475E-01	-0.16922E-01	0.24016E-01	0.70663E+00	-0.21687E-01	-0.75890E+00
9	-0.13773E+00	-0.15354E+00	-0.11153E+00	0.18000E+01	0.51493E-02	-0.17985E+01
10	-0.14593E+00	-0.12420E+00	-0.10147E+00	0.16080E+01	0.82331E-02	-0.16404E+01
11	-0.84965E-01	-0.88507E-01	-0.41316E-01	0.12923E+01	-0.53839E-02	-0.13671E+01
12	0.91089E-01	0.22147E-02	0.43856E-01	0.10042E+01	-0.61179E-01	-0.10702E+01
13	-0.63183E-02	-0.65133E-02	-0.44592E-02	0.10214E+01	-0.10369E-01	-0.11144E+01
14	0.46891E-02	-0.11333E+00	-0.56564E-01	0.10265E+01	-0.34558E-01	-0.11364E+01
15	0.15072E+00	0.51195E-02	0.53807E-01	0.71836E+00	-0.65911E-01	-0.78155E+00
16	0.18903E+00	0.52610E-02	0.54329E-01	0.74504E+00	-0.70335E-01	-0.82313E+00
17	-0.21526E+00	-0.37249E+00	-0.22369E+00	0.17857E+01	0.68485E-02	-0.17649E+01
18	-0.15573E+00	-0.35477E+00	-0.18112E+00	0.15861E+01	0.13795E-01	-0.16279E+01
19	0.37348E-01	-0.30323E+00	-0.41653E-01	0.12303E+01	0.10163E-01	-0.13953E+01
20	0.80015E-01	-0.67987E-01	-0.18523E-01	0.95480E+00	-0.76157E-01	-0.11199E+01
21	-0.44365E-01	-0.23701E+00	-0.11272E+00	0.98726E+00	0.31217E-02	-0.12130E+01
22	-0.21486E-02	-0.46160E+00	-0.19167E+00	0.99855E+00	-0.52477E-01	-0.12667E+01
23	0.19269E+00	-0.89985E-01	0.30046E-02	0.74376E+00	-0.11189E+00	-0.89737E+00
24	0.41869E+00	-0.34374E-01	0.10094E+00	0.72038E+00	-0.19071E+00	-0.92612E+00
25	0.10004E+00	-0.39476E+00	-0.16624E+00	0.78756E+00	-0.10220E+00	-0.10338E+01
26	0.10538E+00	-0.64420E+00	-0.27092E+00	0.67808E+00	-0.23315E+00	-0.11241E+01
27	-0.27048E+00	-0.53528E+00	-0.29977E+00	0.18199E+01	0.42310E-02	-0.17389E+01
28	-0.16194E+00	-0.54424E+00	-0.23266E+00	0.16185E+01	0.16752E-01	-0.16146E+01
29	0.12543E+00	-0.49425E+00	-0.20007E-01	0.12801E+01	0.69498E-01	-0.14044E+01
30	0.31336E-01	-0.43488E+00	-0.15836E+00	0.10804E+01	-0.40741E-01	-0.12583E+01
31	-0.19127E+00	-0.58499E+00	-0.27927E+00	0.11081E+01	-0.59557E-01	-0.13074E+01
32	-0.84527E-01	-0.54137E+00	-0.22913E+00	0.10985E+01	0.10685E-01	-0.13191E+01
33	0.21796E+00	-0.53552E+00	-0.17290E+00	0.99054E+00	-0.16873E+00	-0.11762E+01
34	0.76785E+00	-0.10542E+00	0.20313E+00	0.10926E+01	-0.32127E+00	-0.12539E+01
35	-0.36647E+00	-0.86228E+00	-0.54970E+00	0.11289E+01	-0.10502E+00	-0.12605E+01
36	-0.16979E+00	-0.63350E+00	-0.35017E+00	0.10038E+01	0.28568E-01	-0.12961E+01
37	-0.16128E+00	-0.55732E+00	-0.34212E+00	0.11240E+01	-0.11244E+00	-0.13214E+01
38	-0.31232E+00	-0.58551E+00	-0.31933E+00	0.18720E+01	0.12098E-01	-0.16879E+01
39	-0.22674E+00	-0.59767E+00	-0.23216E+00	0.16727E+01	0.46315E-01	-0.15638E+01
40	0.74075E-01	-0.55206E+00	0.26228E-02	0.14019E+01	0.16677E+00	-0.13892E+01
41	-0.97081E-02	-0.71420E+00	-0.62797E-02	0.14578E+01	0.13833E+00	-0.14032E+01
42	-0.17546E+00	-0.50429E+00	0.51482E-01	0.14052E+01	0.21128E+00	-0.12877E+01
43	-0.23399E+00	-0.67333E+00	-0.30740E+00	0.11935E+01	0.10561E+00	-0.13288E+01
44	-0.30441E+00	-0.59096E+00	-0.27338E+00	0.11871E+01	0.21558E+00	-0.11919E+01
45	-0.46750E+00	-0.67617E+00	-0.32332E+00	0.12507E+01	0.19081E+00	-0.12016E+01
46	-0.23275E+00	-0.41629E+00	-0.10255E+00	0.12096E+01	0.12680E+00	-0.11377E+01
47	-0.14927E+00	-0.52860E+00	-0.30994E+00	0.10862E+01	0.20730E-01	-0.13361E+01
48	-0.61076E+00	-0.81853E+00	-0.62497E+00	0.11341E+01	0.67627E-01	-0.13430E+01
49	-0.42560E+00	-0.66063E+00	-0.44345E+00	0.11290E+01	0.18429E+00	-0.14076E+01
50	-0.10506E+01	-0.76956E+00	-0.70172E+00	0.10083E+01	0.56859E+00	-0.10348E+01
51	-0.32354E+00	-0.36179E+00	-0.36376E+00	0.45848E-01	0.80631E-01	-0.24305E+00
52	0.19230E+00	0.56046E+00	0.24990E+00	-0.59177E-01	0.30904E+00	0.85763E+00
53	-0.34356E+00	-0.33170E+00	-0.15038E+00	0.93446E+00	0.23702E+00	-0.95504E+00
54	-0.31583E+00	-0.53689E+00	-0.28407E+00	0.19220E+01	0.16550E-01	-0.15834E+01

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55	-0.51203E+00	-0.55553E+00	-0.20133E+00	0.16890E+01	0.59254E-01	-0.14619E+01
56	-0.13546E+00	-0.46027E+00	0.13492E+00	0.14217E+01	0.19836E+00	-0.12447E+01
57	-0.31039E+00	-0.42433E+00	-0.86821E-01	0.11767E+01	0.16522E+00	-0.10737E+01
58	-0.33395E+00	-0.37026E+00	-0.83041E-01	0.91200E+00	0.21129E+00	-0.89923E+00
59	-0.30366E+00	-0.48354E+00	-0.27562E+00	0.19198E+01	-0.14022E-01	-0.15253E+01
60	-0.31677E+00	-0.37290E+00	-0.19733E+00	0.18853E+01	0.45215E-01	-0.13999E+01
61	-0.24576E+00	-0.33028E+00	-0.14681E+00	0.18829E+01	0.23144E-01	-0.14020E+01
62	-0.91113E-01	-0.16670E+00	-0.61082E-01	0.18357E+01	-0.15016E-01	-0.13156E+01
63	-0.34026E+00	-0.44903E+00	-0.15164E+00	0.16535E+01	0.51962E-01	-0.13478E+01
64	-0.25957E+00	-0.23247E+00	-0.49930E-01	0.16037E+01	0.41501E-01	-0.12126E+01
65	-0.31049E+00	-0.47352E+00	0.14245E+00	0.13939E+01	0.14876E+00	-0.11975E+01
66	-0.40677E+00	-0.34036E+00	0.17859E+00	0.12758E+01	0.20090E+00	-0.10536E+01
67	-0.36519E+00	-0.22000E+00	0.23025E+00	0.12712E+01	0.14233E+00	-0.92319E+00
68	-0.42407E+00	-0.44687E+00	-0.87315E-01	0.11347E+01	0.16851E+00	-0.10099E+01
69	-0.31862E+00	-0.26405E+00	0.36937E-01	0.11374E+01	0.11378E+00	-0.89200E+00
70	-0.45975E+00	-0.24479E+00	0.37669E-02	0.10209E+01	0.16990E+00	-0.74102E+00
71	-0.35777E+00	-0.28925E+00	0.13534E-01	0.91950E+00	0.20780E+00	-0.78632E+00
72	-0.47565E+00	-0.23225E+00	0.24676E-01	0.85551E+00	0.17917E+00	-0.65431E+00
73	-0.12273E+00	-0.12256E+00	-0.51389E-01	0.17120E+01	0.15905E-02	-0.11942E+01
74	-0.19243E+00	-0.12739E+00	0.37234E-02	0.14560E+01	0.63875E-02	-0.10252E+01
75	-0.34526E+00	-0.13701E+00	0.18776E+00	0.11178E+01	0.27808E-01	-0.78398E+00
76	-0.40130E+00	-0.20690E+00	0.30059E-01	0.97106E+00	0.36711E-01	-0.74701E+00
77	-0.29355E+00	-0.16523E+00	0.47584E-01	0.82154E+00	0.18410E-01	-0.58403E+00
78	-0.37667E+00	-0.14799E+00	0.66861E-02	0.69480E+00	0.63533E-01	-0.38709E+00
79	-0.44305E+00	-0.14334E+00	0.48858E-01	0.65962E+00	0.62066E-01	-0.47981E+00
80	-0.66980E+00	-0.23113E+00	-0.10662E+00	0.51654E+00	0.10726E+00	-0.33886E+00
81	-0.33287E+00	-0.96274E-01	0.64462E-01	0.34767E+00	0.56544E-01	-0.20675E+00
82	-0.49322E+00	-0.21869E+00	-0.53514E-01	0.28521E+00	0.92556E-01	-0.11708E+00
83	-0.62366E+00	-0.17015E+00	-0.52274E-01	0.38011E+00	0.10315E+00	-0.19683E+00
84	-0.53839E+00	-0.11177E+00	0.33520E-01	0.43354E+00	0.96179E-01	-0.23387E+00
85	-0.65328E+00	-0.25818E+00	-0.40958E-01	0.51605E+00	0.12711E+00	-0.40922E+00
86	-0.56633E+00	-0.13727E+00	0.50505E-01	0.30373E+00	0.12386E+00	-0.22646E+00
87	-0.28471E+00	0.74513E-01	0.24347E+00	0.58269E+00	0.18792E+00	-0.35488E+00
88	-0.44526E+00	-0.25688E+00	-0.20697E-02	0.63067E+00	0.29440E+00	-0.58321E+00
89	-0.52178E+00	-0.27273E+00	-0.66157E-01	0.53770E+00	0.33966E+00	-0.51437E+00
90	-0.48312E+00	-0.94115E-01	0.73162E-01	0.38153E+00	0.38184E+00	-0.21223E+00
91	-0.59451E+00	-0.24752E+00	-0.95304E-01	0.35232E+00	0.43396E+00	-0.35423E+00
92	-0.53187E+00	-0.13944E+00	-0.46760E-01	0.25426E+00	0.44101E+00	-0.24119E+00
93	-0.41658E+00	-0.24639E+00	-0.17546E+00	0.67053E+00	0.29560E+00	-0.77711E+00
94	-0.39353E+00	-0.36812E+00	-0.17833E+00	0.67306E+00	0.26301E+00	-0.74806E+00
95	-0.24460E+00	-0.42302E+00	-0.20165E+00	0.50134E+00	0.25576E+00	-0.53460E+00
96	-0.34910E+00	-0.32934E+00	-0.11159E+00	0.65694E+00	0.24960E+00	-0.65916E+00
97	-0.17838E+00	-0.31530E+00	-0.14458E+00	0.53792E+00	0.26009E+00	-0.45137E+00
98	-0.28566E+00	-0.27350E+00	-0.11116E+00	0.44731E+00	0.24673E+00	-0.44881E+00
99	-0.24235E+00	-0.12489E+00	0.24005E-01	0.49063E+00	0.24064E+00	-0.49460E+00
100	-0.24967E+00	-0.14135E+00	-0.62517E-01	0.36721E+00	0.25562E+00	-0.32940E+00
101	-0.33351E+00	-0.17030E+00	-0.15206E+00	0.31399E+00	0.27371E+00	-0.24596E+00
102	-0.35704E+00	-0.89209E-01	-0.92626E-01	0.24016E+00	0.28497E+00	-0.25395E+00
103	-0.32711E+00	-0.19757E+00	-0.16930E+00	0.13621E+00	0.26184E+00	-0.12040E+00
104	-0.31145E+00	-0.71847E-01	-0.16588E+00	0.11921E+00	0.26795E+00	-0.88707E-01
105	-0.43300E+00	-0.36679E+00	-0.26503E+00	0.58321E+00	0.36867E+00	-0.72451E+00
106	-0.55392E+00	-0.48263E+00	-0.46183E+00	0.93324E-01	0.42290E+00	-0.30029E+00
107	-0.48766E+00	-0.51059E+00	-0.42703E+00	0.34675E+00	0.39816E+00	-0.50105E+00
108	-0.37296E+00	-0.47389E+00	-0.36486E+00	0.35659E+00	0.37247E+00	-0.50115E+00
109	-0.19860E+00	-0.25530E+00	-0.23664E+00	0.16271E+00	0.36936E+00	-0.30083E+00
110	0.76057E-02	-0.19493E+00	-0.10842E+00	0.43826E+00	0.32676E+00	-0.50832E+00
111	0.30789E+00	0.73900E-01	0.78802E-01	0.32934E+00	0.28809E+00	-0.25534E+00
112	0.31711E+00	0.87056E-01	0.88710E-01	0.48520E+00	0.28775E+00	-0.25008E+00
113	0.15633E+00	-0.19672E+00	-0.36833E-01	0.48144E+00	0.22519E+00	-0.52031E+00
114	0.37223E+00	0.12528E+00	0.12026E+00	0.41910E+00	0.20059E+00	-0.23898E+00

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115	-0.39335E+00	0.14551E+00	0.15274E+00	0.69180E+00	0.19490E+00	-0.22835E+00
116	0.17391E-01	-0.21948E+00	-0.10005E+00	0.49760E+00	0.12881E+00	-0.43606E+00
117	0.57094E-01	-0.50220E-01	-0.39619E-01	0.56060E+00	0.81904E-01	-0.20689E+00
118	0.31468E-01	-0.26342E-01	-0.25612E-02	0.46563E+00	0.75562E-01	-0.18762E+00
119	-0.69397E-01	-0.12514E+00	-0.39584E-01	0.35527E+00	0.42334E-01	-0.30780E+00
120	-0.89549E-01	-0.12013E+00	-0.10178E+00	0.37766E+00	0.99260E-02	-0.16197E+00
121	-0.72345E-01	-0.99418E-01	-0.79476E-01	0.31020E+00	0.73773E-02	-0.13880E+00
122	-0.95897E-01	-0.43602E-01	-0.72435E-01	0.24621E+00	-0.95376E-02	-0.22161E+00
123	-0.15593E+00	-0.14121E+00	-0.13393E+00	0.24543E+00	-0.36058E-01	-0.11088E+00
124	-0.14497E+00	-0.12466E+00	-0.12307E+00	0.19129E+00	-0.36007E-01	-0.85509E-01
125	-0.12433E+00	0.10440E-01	-0.77063E-01	0.12696E+00	-0.31209E-01	-0.97660E-01
126	-0.23923E+00	-0.17341E+00	-0.19200E+00	0.12865E+00	-0.41881E-01	-0.54356E-01
127	-0.25496E+00	-0.16297E+00	-0.19163E+00	0.48267E-01	-0.39904E-01	-0.34813E-01
128	-0.13808E+00	-0.26434E-01	-0.11797E+00	0.72100E-01	-0.40303E-01	-0.48085E-01
129	-0.19871E+00	-0.14426E+00	-0.19766E+00	0.69884E-01	-0.50896E-01	-0.15997E-01
183	-0.56662E+00	-0.42389E+00	-0.32157E+00	0.94143E+00	0.38422E+00	-0.10419E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.66135E-01	-0.44090E+00	0.37476E+00	0.16913E+02	0.11632E+01	-0.67316E+01
131	0.96661E-01	0.64440E+00	-0.54774E+00	0.41438E+02	0.40558E+01	-0.18974E+02
132	0.97229E-01	0.64820E+00	-0.55097E+00	0.67015E+02	0.48604E+01	-0.32871E+02
133	0.97420E-01	0.64946E+00	-0.55204E+00	0.94752E+02	0.46231E+01	-0.48317E+02
134	0.16757E+00	0.11172E+01	-0.94958E+00	0.12469E+03	0.31816E+01	-0.67216E+02
135	0.17353E+00	0.11569E+01	-0.98336E+00	0.14314E+03	0.41140E+00	-0.83947E+02
136	0.17152E+00	0.11435E+01	-0.97196E+00	0.16218E+03	-0.37109E+00	-0.95297E+02
137	0.23045E+00	0.15363E+01	-0.13059E+01	0.17181E+03	-0.15827E+01	-0.10049E+03
138	-0.15136E+00	-0.10091E+01	0.71194E+00	0.17334E+03	-0.17670E+02	-0.10809E+03
139	-0.77253E+00	-0.51502E+01	0.39279E+01	0.17305E+03	-0.48492E+02	-0.11377E+03
140	-0.11413E+01	-0.76094E+01	0.64672E+01	0.20818E+03	-0.59663E+02	-0.12816E+03
141	-0.10644E+01	-0.70962E+01	0.60318E+01	0.20307E+03	-0.61697E+02	-0.13550E+03
142	-0.12396E+01	-0.82637E+01	0.70242E+01	0.21265E+03	-0.62480E+02	-0.14290E+03
143	-0.12638E+01	-0.84252E+01	0.71614E+01	-0.51747E+02	-0.10178E+03	0.10568E+03
144	-0.14375E+01	-0.95836E+01	0.81461E+01	-0.55712E+02	-0.99327E+02	0.99029E+02
145	-0.19006E+00	-0.12670E+01	0.35438E+01	-0.89243E+02	-0.93009E+02	0.25611E+03
146	-0.83104E-01	-0.55402E+00	0.20831E+01	-0.59711E+02	-0.73082E+02	0.22681E+03
147	-0.88413E-01	-0.58942E+00	0.20545E+01	-0.58019E+02	-0.76925E+02	0.22144E+03
148	-0.95186E-01	-0.63458E+00	0.50789E+00	-0.59687E+02	-0.82401E+02	0.22143E+03
149	-0.10355E+00	-0.69032E+00	0.54052E+00	-0.65315E+02	-0.89697E+02	0.22584E+03
150	-0.12435E+00	-0.82902E+00	0.81132E+00	-0.68041E+02	-0.99657E+02	0.21667E+03
151	-0.15700E+00	-0.10467E+01	-0.42909E+01	-0.77268E+02	-0.11712E+03	0.22110E+03
152	-0.15532E+00	-0.10355E+01	-0.84112E+01	-0.72934E+02	-0.11534E+03	0.21609E+03
153	-0.14827E+00	-0.98850E+00	-0.72905E+01	-0.69527E+02	-0.11010E+03	0.20745E+03
154	-0.12022E+00	-0.80147E+00	-0.14514E+02	-0.67536E+02	-0.90940E+02	0.19752E+03
155	-0.76221E-01	-0.50814E+00	-0.11810E+02	-0.51118E+02	-0.58901E+02	0.17968E+03
156	-0.44996E-01	-0.29997E+00	-0.94876E+01	-0.48423E+02	-0.37508E+02	0.16200E+03
157	-0.24316E-01	-0.16211E+00	-0.74479E+01	-0.35471E+02	-0.21665E+02	0.13923E+03
158	-0.11767E-01	-0.78449E-01	-0.58807E+01	-0.30467E+02	-0.12480E+02	0.11813E+03
159	-0.62208E-02	-0.41472E-01	-0.41681E+01	-0.19743E+02	-0.71429E+01	0.92588E+02
160	-0.64737E-02	-0.43158E-01	-0.29706E+01	-0.13858E+02	-0.64302E+01	0.69629E+02
161	-0.13954E-01	-0.93024E-01	-0.12610E+01	-0.20517E+01	-0.90916E+01	0.41992E+02
162	-0.25144E-01	-0.16762E+00	0.88765E+00	0.34392E+01	-0.14338E+02	0.22775E+02
163	-0.44088E-01	-0.29392E+00	0.73455E+00	0.12942E+01	-0.25852E+02	0.11248E+02
164	-0.63444E-01	-0.42296E+00	0.83060E+00	0.65675E+01	-0.36496E+02	0.55080E+01

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165	-0.81476E+02	-0.14697E+02	0.20909E+01	-0.72651E+01	-0.45376E+02	0.46468E+01
166	-0.71821E+02	-0.11885E+02	0.81260E+00	-0.62315E+01	-0.43327E+02	0.51590E+01
167	-0.60978E+02	-0.92050E+01	-0.97603E-01	-0.55299E+01	-0.37974E+02	0.56201E+01
168	-0.50198E+02	-0.70137E+01	-0.61332E+00	-0.48077E+01	-0.31982E+02	0.60600E+01
169	-0.36084E+02	-0.43373E+01	-0.11259E+01	-0.40538E+01	-0.27679E+02	0.66143E+01
170	-0.20971E+02	-0.13791E+01	-0.17385E+01	-0.31587E+01	-0.24029E+02	0.72772E+01
171	-0.43618E+01	0.17445E+01	-0.23501E+01	-0.18871E+01	-0.15981E+02	0.81849E+01
172	0.83007E+01	0.38075E+01	-0.24534E+01	-0.43157E+00	-0.37880E+01	0.90399E+01
173	0.11819E+02	0.30667E+01	-0.17757E+01	0.58937E+00	0.71019E+01	0.93782E+01
174	0.72461E+01	0.21243E+01	-0.93980E+00	0.12070E+01	0.15629E+02	0.90187E+01
175	0.23592E+01	0.69233E+00	-0.29065E+00	0.11995E+01	0.16320E+02	0.79638E+01
176	0.32058E+00	0.24468E+00	-0.16422E+00	0.97693E+00	0.14189E+02	0.68451E+01
177	0.59978E+00	0.23101E+00	-0.11596E+00	0.83629E+00	0.12526E+02	0.54524E+01
178	0.45042E+00	0.38244E-01	0.31677E-01	0.64443E+00	0.90814E+01	0.39375E+01
179	-0.21406E+00	-0.93720E-01	0.57953E-01	0.32537E+00	0.63276E+01	0.27295E+01
180	-0.41149E-01	-0.23347E-01	0.16773E-01	0.91747E-01	0.36552E+01	0.16237E+01
181	-0.50745E-01	-0.67861E-01	0.53343E-01	-0.18814E+00	0.16614E+01	0.52917E+00
182	0.15467E+00	0.71846E-01	-0.42300E-01	-0.16061E+00	-0.45706E+00	-0.59308E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1700E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.35732E-01	0.35818E-04	0.35904E-01	0.00000E+00
3	-0.67793E-01	-0.82022E-04	0.67859E-01	0.00000E+00
4	-0.76352E-01	-0.10766E-03	0.76329E-01	0.00000E+00
5	-0.88383E-01	-0.13997E-04	0.88383E-01	0.00000E+00
6	-0.97019E-01	-0.15202E-05	0.97021E-01	0.00000E+00
7	-0.88576E-01	-0.32705E-03	0.88604E-01	0.00000E+00
8	-0.97282E-01	-0.16474E-03	0.97350E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.35353E-01	-0.19038E-03	0.35284E-01	0.00000E+00
11	-0.67365E-01	-0.43666E-03	0.67358E-01	0.00000E+00
12	-0.76243E-01	-0.50543E-03	0.76290E-01	0.00000E+00
13	-0.88835E-01	-0.33638E-03	0.88907E-01	0.00000E+00
14	-0.97911E-01	-0.10572E-03	0.98208E-01	0.00000E+00
15	-0.89487E-01	-0.60554E-03	0.90119E-01	0.00000E+00
16	-0.98955E-01	-0.17090E-03	0.98674E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.35039E-01	-0.24687E-03	0.35354E-01	0.00000E+00
19	-0.67389E-01	-0.59770E-03	0.68018E-01	0.00000E+00
20	-0.76745E-01	-0.71819E-03	0.77456E-01	0.00000E+00
21	-0.90213E-01	-0.47287E-03	0.91232E-01	0.00000E+00
22	-0.10046E+00	-0.58652E-04	0.10182E+00	0.00000E+00
23	-0.91186E-01	-0.54934E-03	0.92962E-01	0.00000E+00
24	-0.10246E+00	0.23672E-03	0.10477E+00	0.00000E+00
25	-0.10365E+00	0.20165E-03	0.10660E+00	0.00000E+00
26	-0.10435E+00	0.36264E-03	0.10770E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.34779E-01	0.31622E-04	0.34885E-01	0.00000E+00
29	-0.67321E-01	-0.55292E-04	0.67821E-01	0.00000E+00
30	-0.77158E-01	-0.15924E-03	0.78012E-01	0.00000E+00
31	-0.92019E-01	-0.74811E-04	0.94264E-01	0.00000E+00
32	-0.10507E+00	0.68362E-03	0.10885E+00	0.00000E+00
33	-0.92197E-01	0.83802E-05	0.94505E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.34743E-01	0.18901E-03	0.34549E-01	0.00000E+00
36	-0.67294E-01	0.36878E-03	0.67268E-01	0.00000E+00
37	-0.77134E-01	0.43233E-03	0.77353E-01	0.00000E+00
38	-0.92335E-01	0.47251E-03	0.94413E-01	0.00000E+00
39	-0.10598E+00	0.55686E-03	0.11052E+00	0.00000E+00
40	-0.10579E+00	0.55646E-03	0.11016E+00	0.00000E+00
41	-0.10561E+00	0.55736E-03	0.10981E+00	0.00000E+00
42	-0.10541E+00	0.56482E-03	0.10941E+00	0.00000E+00
43	-0.76998E-01	0.10241E-02	0.74971E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.34375E-01	0.43703E-03	0.32439E-01	0.00000E+00
46	-0.66691E-01	0.83438E-03	0.62878E-01	0.00000E+00
47	-0.10603E+00	0.55676E-03	0.11061E+00	0.00000E+00
48	-0.10604E+00	0.55685E-03	0.11064E+00	0.00000E+00
49	-0.92351E-01	0.60669E-03	0.94242E-01	0.00000E+00
50	-0.10610E+00	0.54927E-03	0.11099E+00	0.00000E+00
51	-0.91852E-01	0.10930E-02	0.90106E-01	0.00000E+00
52	-0.10455E+00	-0.20538E-04	0.10364E+00	0.00000E+00
53	-0.10599E+00	0.54800E-03	0.11051E+00	0.00000E+00
54	-0.76147E-01	0.92346E-03	0.71957E-01	0.00000E+00
55	-0.90671E-01	0.75364E-03	0.85914E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

57	-0.55598E-01	0.55633E-03	0.29891E-01	0.00000E+00
58	-0.64991E-01	0.97381E-03	0.57962E-01	0.00000E+00
59	-0.10225E+00	0.40742E-03	0.97529E-01	0.00000E+00
60	-0.10338E+00	0.95502E-04	0.10157E+00	0.00000E+00
61	-0.10612E+00	0.53917E-03	0.11120E+00	0.00000E+00
62	-0.74313E-01	0.12179E-02	0.66197E-01	0.00000E+00
63	-0.87773E-01	0.12770E-02	0.78181E-01	0.00000E+00
64	-0.10520E+00	-0.26019E-04	0.10447E+00	0.00000E+00
65	-0.10614E+00	0.52946E-03	0.11141E+00	0.00000E+00
66	-0.10629E+00	0.51111E-03	0.11182E+00	0.00000E+00
67	-0.10644E+00	0.49519E-03	0.11224E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.32783E-01	0.30052E-03	0.27330E-01	0.00000E+00
70	-0.62956E-01	0.16547E-02	0.52853E-01	0.00000E+00
71	-0.99612E-01	0.13573E-02	0.88790E-01	0.00000E+00
72	-0.10567E+00	-0.14145E-03	0.10350E+00	0.00000E+00
73	-0.84749E-01	0.20086E-02	0.71113E-01	0.00000E+00
74	-0.10885E+00	-0.15177E-03	0.10673E+00	0.00000E+00
75	-0.10657E+00	0.48559E-03	0.11263E+00	0.00000E+00
76	-0.10737E+00	0.47551E-03	0.11335E+00	0.00000E+00
77	-0.95624E-01	0.17278E-02	0.80023E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.32239E-01	0.10845E-02	0.25263E-01	0.00000E+00
80	-0.60901E-01	0.20884E-02	0.47670E-01	0.00000E+00
81	-0.68849E-01	0.25814E-02	0.53939E-01	0.00000E+00
82	-0.80452E-01	0.24701E-02	0.62811E-01	0.00000E+00
83	-0.10977E+00	0.11015E-02	0.98345E-01	0.00000E+00
84	-0.10130E+00	0.14578E-02	0.80670E-01	0.00000E+00
85	-0.10907E+00	0.46276E-03	0.11431E+00	0.00000E+00
86	-0.11245E+00	0.13582E-03	0.11051E+00	0.00000E+00
87	-0.90694E-01	0.22437E-02	0.70808E-01	0.00000E+00
88	-0.11200E+00	0.51407E-03	0.10473E+00	0.00000E+00
89	-0.11060E+00	0.45954E-03	0.11323E+00	0.00000E+00
90	-0.71930E-01	0.16172E-02	0.47202E-01	0.00000E+00
91	-0.77962E-01	0.11464E-02	0.50492E-01	0.00000E+00
92	-0.81715E-01	0.65075E-03	0.52343E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.27862E-01	0.00000E+00	0.14268E-01	0.00000E+00
95	-0.51635E-01	0.00000E+00	0.26520E-01	0.00000E+00
96	-0.57413E-01	0.00000E+00	0.29437E-01	0.00000E+00
97	-0.64371E-01	0.00000E+00	0.32983E-01	0.00000E+00
98	-0.67163E-01	0.00000E+00	0.34248E-01	0.00000E+00
99	-0.71852E-01	0.81140E-03	0.42359E-01	0.00000E+00
100	-0.86888E-01	0.65514E-03	0.57970E-01	0.00000E+00
101	-0.10927E+00	0.13316E-03	0.85798E-01	0.00000E+00
102	-0.11458E+00	0.47603E-03	0.11658E+00	0.00000E+00
103	-0.11553E+00	0.81470E-03	0.10336E+00	0.00000E+00
104	-0.11340E+00	0.45262E-03	0.11527E+00	0.00000E+00
105	-0.11794E+00	0.49147E-03	0.11784E+00	0.00000E+00
106	-0.11916E+00	0.47457E-03	0.10673E+00	0.00000E+00
107	-0.12291E+00	0.54075E-03	0.11880E+00	0.00000E+00
108	-0.12076E+00	0.53166E-03	0.11900E+00	0.00000E+00
109	-0.12307E+00	0.57416E-03	0.12604E+00	0.00000E+00
110	-0.12359E+00	-0.24844E-03	0.11028E+00	0.00000E+00
111	-0.12612E+00	0.45604E-03	0.12140E+00	0.00000E+00
112	-0.12496E+00	0.62359E-03	0.12095E+00	0.00000E+00
113	-0.12522E+00	0.29080E-04	0.11360E+00	0.00000E+00
114	-0.12636E+00	0.68834E-03	0.12170E+00	0.00000E+00
115	-0.12735E+00	0.75185E-03	0.12231E+00	0.00000E+00
116	-0.12785E+00	0.80835E-03	0.12274E+00	0.00000E+00

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117	-0.12745E+00	0.48372E-03	0.12270E+00	0.00000E+00
118	-0.12785E+00	0.83474E-03	0.12290E+00	0.00000E+00
119	-0.12783E+00	0.87907E-03	0.12307E+00	0.00000E+00
120	-0.12811E+00	0.54426E-03	0.12363E+00	0.00000E+00
121	-0.12783E+00	0.93664E-03	0.12322E+00	0.00000E+00
122	-0.12793E+00	0.98640E-03	0.12332E+00	-0.12195E-04
123	-0.12779E+00	0.10935E-02	0.12340E+00	-0.22068E-04
124	-0.12773E+00	0.12663E-02	0.12348E+00	-0.33953E-04
125	-0.12761E+00	0.15217E-02	0.12357E+00	-0.49126E-04
126	-0.12733E+00	0.21377E-02	0.12372E+00	-0.70414E-04
127	-0.12697E+00	0.29027E-02	0.12386E+00	-0.79575E-04
128	-0.12621E+00	0.46384E-02	0.12414E+00	-0.72603E-04
129	-0.12564E+00	0.60116E-02	0.12441E+00	-0.50348E-04
130	-0.12530E+00	0.69208E-02	0.12470E+00	-0.20116E-04
131	-0.12536E+00	0.68702E-02	0.12514E+00	0.17134E-04
132	-0.12574E+00	0.57067E-02	0.12554E+00	0.30885E-04
133	-0.12612E+00	0.43622E-02	0.12589E+00	0.27602E-04
134	-0.12636E+00	0.33248E-02	0.12618E+00	0.20313E-04
135	-0.12652E+00	0.25217E-02	0.12641E+00	0.17459E-04
136	-0.12663E+00	0.17330E-02	0.12658E+00	0.18207E-04
137	-0.12669E+00	0.95765E-03	0.12668E+00	0.17826E-04
138	-0.12674E+00	0.14342E-03	0.12674E+00	0.18370E-04
139	-0.12674E+00	0.17699E-04	0.12674E+00	0.17726E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1700E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.68552E-01	0.16915E-01	0.39246E-01	-0.43557E+01	-0.25707E-01	0.43562E+01
2	0.12426E+00	0.14331E-01	0.67333E-01	-0.39343E+01	-0.47055E-01	0.39336E+01
3	0.12683E+00	0.10253E-01	0.57354E-01	-0.32542E+01	-0.47467E-01	0.32763E+01
4	-0.12402E+00	-0.13893E-01	-0.52767E-01	-0.26634E+01	0.39034E-01	0.26928E+01
5	0.53545E-01	0.25027E-01	0.40107E-01	-0.26963E+01	-0.66281E-02	0.27205E+01
6	-0.11243E+00	0.54212E-01	-0.84397E-02	-0.27298E+01	0.49346E-01	0.27759E+01
7	-0.13377E+00	-0.10954E-01	-0.33357E-01	-0.19863E+01	0.41238E-01	0.19932E+01
8	-0.24877E+00	-0.39692E-03	-0.60491E-01	-0.19884E+01	0.90815E-01	0.20506E+01
9	-0.22419E-01	-0.99839E-01	-0.40131E-01	-0.43039E+01	-0.43386E-03	0.43223E+01
10	-0.35131E-01	-0.13065E+00	-0.35272E-01	-0.39416E+01	0.16850E-01	0.39750E+01
11	-0.13967E+00	-0.12887E+00	0.10802E-01	-0.33714E+01	0.10438E+00	0.34253E+01
12	-0.48254E+00	-0.17376E+00	-0.20827E+00	-0.27768E+01	0.19956E+00	0.27711E+01
13	-0.15464E+00	-0.61363E-01	-0.82820E-02	-0.28343E+01	0.77422E-01	0.29068E+01
14	-0.41842E+00	-0.50058E-01	-0.78784E-01	-0.28941E+01	0.16201E+00	0.30141E+01
15	-0.49652E+00	-0.41075E-01	-0.12808E+00	-0.21085E+01	0.21075E+00	0.21351E+01
16	-0.63277E+00	-0.40570E-01	-0.13457E+00	-0.21870E+01	0.24583E+00	0.22740E+01
17	0.19014E-01	-0.26887E-01	0.58458E-02	-0.42561E+01	-0.20878E-01	0.42940E+01
18	0.14244E-01	-0.63928E-01	0.13197E-01	-0.39347E+01	-0.36900E-01	0.40155E+01
19	-0.91401E-01	-0.12155E+00	0.42832E-01	-0.34357E+01	-0.14039E-01	0.36220E+01
20	-0.64735E+00	-0.18945E+00	-0.19835E+00	-0.29319E+01	0.26382E+00	0.30088E+01
21	-0.15285E+00	-0.12549E+00	0.10851E-02	-0.30351E+01	0.93131E-02	0.33175E+01
22	-0.59781E+00	-0.26374E+00	-0.20209E+00	-0.31364E+01	0.17712E+00	0.35297E+01
23	-0.81729E+00	-0.10032E-01	-0.14939E+00	-0.23920E+01	0.35790E+00	0.25181E+01
24	-0.15341E+01	-0.32617E+00	-0.51461E+00	-0.25403E+01	0.57960E+00	0.26477E+01
25	-0.77547E+00	-0.69349E-02	-0.75970E-01	-0.26473E+01	0.32809E+00	0.29738E+01
26	-0.18823E+01	-0.56196E+00	-0.71206E+00	-0.27057E+01	0.69666E+00	0.32598E+01
27	0.77280E-01	0.95757E-01	0.67732E-01	-0.42298E+01	-0.39684E-01	0.42419E+01
28	0.76785E-01	0.73197E-01	0.66436E-01	-0.39084E+01	-0.10861E+00	0.40090E+01
29	0.59224E-01	0.20173E-01	0.72195E-01	-0.33645E+01	-0.30823E+00	0.37102E+01
30	-0.29573E+00	-0.65502E-01	0.39283E-02	-0.31747E+01	0.77092E-01	0.35236E+01
31	0.46104E-01	-0.28417E-01	0.96745E-01	-0.30940E+01	-0.21812E+00	0.36452E+01
32	-0.28304E+00	-0.10339E+00	-0.36374E-01	-0.30191E+01	-0.96341E-01	0.36879E+01
33	-0.15899E+01	-0.44635E+00	-0.56107E+00	-0.30586E+01	0.47899E+00	0.34166E+01
34	-0.35957E+01	-0.18229E+01	-0.13867E+01	-0.32154E+01	0.94257E+00	0.36736E+01
35	-0.35436E+00	0.34052E+00	0.28001E+00	-0.32304E+01	0.30869E+00	0.36739E+01
36	0.14093E+00	0.45532E+00	0.46484E+00	-0.29824E+01	-0.13496E+00	0.37695E+01
37	-0.81623E+00	-0.34321E+00	-0.18395E+00	-0.32836E+01	0.33014E+00	0.38633E+01
38	0.12839E+00	0.23913E+00	0.14163E+00	-0.42152E+01	-0.63413E-01	0.40906E+01
39	0.23985E+00	0.24846E+00	0.11302E+00	-0.39373E+01	-0.19830E+00	0.38504E+01
40	0.12905E+00	0.99115E-01	-0.62716E-03	-0.34421E+01	-0.64100E+00	0.36714E+01
41	0.39897E+00	0.52135E+00	0.75858E-01	-0.35963E+01	-0.53816E+00	0.35994E+01
42	0.37504E+00	0.32703E+00	-0.42461E-01	-0.34955E+01	-0.72441E+00	0.32948E+01
43	0.27514E+00	0.34759E+00	0.23646E+00	-0.31636E+01	-0.38588E+00	0.36979E+01
44	0.54261E+00	0.39122E+00	0.33085E+00	-0.31300E+01	-0.73679E+00	0.32572E+01
45	0.93054E+00	0.61921E+00	0.46289E+00	-0.32697E+01	-0.63106E+00	0.32578E+01
46	0.41240E+00	0.70148E-01	-0.24968E-01	-0.31635E+01	-0.42136E+00	0.30047E+01
47	-0.27343E+00	-0.34947E-01	0.12401E+00	-0.31477E+01	-0.86099E-01	0.38981E+01
48	0.58335E+00	0.48059E+00	0.70226E+00	-0.32925E+01	-0.22212E+00	0.39245E+01
49	0.52299E+00	0.29334E+00	0.49219E+00	-0.32497E+01	-0.60474E+00	0.41069E+01
50	0.26424E+01	0.97735E+00	0.14898E+01	-0.28516E+01	-0.18101E+01	0.29201E+01
51	0.67401E+00	0.56246E+00	0.64704E+00	-0.13817E+00	-0.24918E+00	0.74455E+00
52	0.32568E+00	-0.65770E+00	0.10202E+00	0.49181E+00	-0.98654E+00	-0.28164E+01
53	0.75819E+00	-0.90706E-01	0.62847E-01	-0.26002E+01	-0.72285E+00	0.26270E+01
54	0.35365E+00	0.43147E+00	0.25303E+00	-0.41455E+01	-0.71638E-01	0.38048E+01

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55	0.47496E+00	0.38551E+00	0.16572E+00	-0.38816E+01	-0.21001E+00	0.35642E+01
56	0.71680E+00	0.30228E+00	-0.15919E+00	-0.34145E+01	-0.60404E+00	0.31433E+01
57	0.70879E+00	0.28115E+00	0.55296E-01	-0.29974E+01	-0.46301E+00	0.27910E+01
58	0.76577E+00	0.22171E+00	0.12935E-01	-0.24745E+01	-0.57735E+00	0.23902E+01
59	0.26081E+00	0.42369E+00	0.22834E+00	-0.41064E+01	0.16257E-01	0.36504E+01
60	0.59829E+00	0.67451E+00	0.40309E+00	-0.39970E+01	-0.14998E+00	0.33342E+01
61	0.44618E+00	0.56202E+00	0.27399E+00	-0.39860E+01	-0.10539E+00	0.33333E+01
62	0.43156E+00	0.69667E+00	0.38223E+00	-0.39403E+01	0.24666E-01	0.30838E+01
63	0.37546E+00	0.50845E+00	0.19871E+00	-0.37325E+01	-0.19738E+00	0.32622E+01
64	0.63732E+00	0.67380E+00	0.25234E+00	-0.35691E+01	-0.16866E+00	0.29138E+01
65	0.84735E+00	0.42929E+00	-0.19213E+00	-0.33182E+01	-0.52812E+00	0.29859E+01
66	0.11482E+01	0.52646E+00	-0.17170E+00	-0.30627E+01	-0.63966E+00	0.26029E+01
67	0.92039E+00	0.67913E+00	-0.22329E+00	-0.28509E+01	-0.48978E+00	0.22540E+01
68	0.97461E+00	0.47606E+00	0.12590E+00	-0.28529E+01	-0.45029E+00	0.25730E+01
69	0.83683E+00	0.41050E+00	0.24196E-01	-0.27939E+01	-0.36164E+00	0.23661E+01
70	0.13659E+01	0.57288E+00	0.23511E+00	-0.24739E+01	-0.52648E+00	0.18927E+01
71	0.98729E+00	0.33619E+00	0.52284E-02	-0.24150E+01	-0.49899E+00	0.20906E+01
72	0.13218E+01	0.41217E+00	0.93231E-01	-0.22453E+01	-0.54465E+00	0.18045E+01
73	0.34270E+00	0.39501E+00	0.18089E+00	-0.36828E+01	-0.60001E-01	0.24136E+01
74	0.52849E+00	0.40106E+00	0.44751E-01	-0.32334E+01	-0.17785E+00	0.21118E+01
75	0.98078E+00	0.40248E+00	-0.42232E+00	-0.26022E+01	-0.51484E+00	0.16656E+01
76	0.12827E+01	0.49595E+00	0.12598E+00	-0.25509E+01	-0.46726E+00	0.18978E+01
77	0.92469E+00	0.57063E+00	0.66488E-02	-0.19624E+01	-0.31964E+00	0.11816E+01
78	0.10470E+01	0.39182E+00	-0.67418E-01	-0.15776E+01	-0.38657E+00	0.76382E+00
79	0.15178E+01	0.44581E+00	0.12540E+00	-0.18052E+01	-0.54262E+00	0.12031E+01
80	0.19992E+01	0.66355E+00	0.37379E+00	-0.13379E+01	-0.50621E+00	0.70207E+00
81	0.95552E+00	0.27916E+00	-0.18334E+00	-0.81954E+00	-0.37433E+00	0.38565E+00
82	0.12940E+01	0.53092E+00	0.33345E-01	-0.67206E+00	-0.41186E+00	0.27209E+00
83	0.18003E+01	0.39336E+00	0.14688E+00	-0.10734E+01	-0.49217E+00	0.50620E+00
84	0.18773E+01	0.43722E+00	0.18406E+00	-0.12237E+01	-0.63410E+00	0.58568E+00
85	0.21435E+01	0.48730E+00	0.31891E+00	-0.15696E+01	-0.76269E+00	0.10914E+01
86	0.20932E+01	0.44727E+00	0.23316E+00	-0.11161E+01	-0.74498E+00	0.68566E+00
87	0.11449E+01	0.57627E-01	-0.18659E+00	-0.16580E+01	-0.56021E+00	0.12562E+01
88	0.12740E+01	0.33680E+00	0.44148E-01	-0.17785E+01	-0.63830E+00	0.15714E+01
89	0.14690E+01	0.42667E+00	0.14144E+00	-0.15413E+01	-0.70477E+00	0.13417E+01
90	0.15033E+01	0.85615E-01	-0.81092E-01	-0.10795E+01	-0.79743E+00	0.68329E+00
91	0.17794E+01	0.55987E+00	0.26512E+00	-0.99872E+00	-0.85598E+00	0.90490E+00
92	0.16710E+01	0.40867E+00	0.14530E+00	-0.71120E+00	-0.85027E+00	0.55534E+00
93	0.90995E+00	-0.33776E+00	0.42505E-01	-0.18751E+01	-0.84765E+00	0.20853E+01
94	0.98744E+00	0.30562E+00	0.23773E+00	-0.19047E+01	-0.71441E+00	0.20806E+01
95	0.49655E+00	0.61368E+00	0.21983E+00	-0.14152E+01	-0.66561E+00	0.15327E+01
96	0.81760E+00	0.26365E+00	0.26124E-01	-0.19070E+01	-0.65365E+00	0.17686E+01
97	0.34382E+00	0.39890E+00	0.52798E-01	-0.15610E+01	-0.65846E+00	0.12798E+01
98	0.62908E+00	0.33157E+00	-0.17138E-01	-0.13320E+01	-0.60258E+00	0.12758E+01
99	0.60975E+00	-0.89764E-01	-0.29037E+00	-0.14883E+01	-0.60008E+00	0.13445E+01
100	0.50140E+00	0.18599E-01	-0.21602E+00	-0.10932E+01	-0.59970E+00	0.92390E+00
101	0.74899E+00	0.23351E+00	-0.46229E-02	-0.87505E+00	-0.61434E+00	0.69491E+00
102	0.68924E+00	0.10505E-01	-0.24815E+00	-0.75374E+00	-0.62248E+00	0.61458E+00
103	0.49592E+00	0.16371E+00	-0.13912E+00	-0.39766E+00	-0.55995E+00	0.34318E+00
104	0.52883E+00	0.20973E+00	-0.10287E+00	-0.18525E+00	-0.56162E+00	0.21061E+00
105	0.10859E+01	0.16191E+00	0.40147E+00	-0.16932E+01	-0.11888E+01	0.19682E+01
106	0.17436E+01	0.11195E+01	0.13615E+01	-0.18305E+00	-0.13509E+01	0.89712E+00
107	0.13236E+01	0.87341E+00	0.10311E+01	-0.94408E+00	-0.12817E+01	0.14140E+01
108	0.98650E+00	0.77682E+00	0.84203E+00	-0.98145E+00	-0.12105E+01	0.14181E+01
109	0.67113E+00	0.43503E+00	0.65802E+00	-0.41435E+00	-0.12034E+01	0.90278E+00
110	-0.24727E+00	-0.13944E+00	-0.24978E-01	-0.13018E+01	-0.10823E+01	0.14323E+01
111	-0.90962E+00	-0.53155E+00	-0.34284E+00	-0.96168E+00	-0.98011E+00	0.77550E+00
112	-0.93539E+00	-0.55621E+00	-0.38259E+00	-0.14638E+01	-0.97311E+00	0.76708E+00
113	-0.78038E+00	-0.11843E+00	-0.33351E+00	-0.15277E+01	-0.77887E+00	0.15327E+01
114	-0.12473E+01	-0.75145E+00	-0.61303E+00	-0.12895E+01	-0.70584E+00	0.74531E+00

115	-0.13099E+01	-0.79095E+00	-0.73002E+00	-0.21995E+01	-0.67864E+00	0.72168E+00
116	-0.43855E+00	-0.38799E-01	-0.25908E+00	-0.16344E+01	-0.47569E+00	0.12791E+01
117	-0.38376E+00	-0.24173E+00	-0.27908E+00	-0.18207E+01	-0.33824E+00	0.66975E+00
118	-0.45641E+00	-0.28754E+00	-0.41434E+00	-0.15356E+01	-0.30667E+00	0.61758E+00
119	-0.10193E+00	-0.83303E-01	-0.27341E+00	-0.12262E+01	-0.19554E+00	0.94521E+00
120	-0.74610E-01	-0.72836E-01	-0.26844E+00	-0.12559E+01	-0.92643E-01	0.54621E+00
121	-0.12426E+00	-0.10997E+00	-0.35643E+00	-0.10279E+01	-0.73674E-01	0.47765E+00
122	-0.13737E+00	-0.30355E+00	-0.46091E+00	-0.85853E+00	-0.12692E-01	0.69188E+00
123	-0.12988E+00	-0.12786E+00	-0.41824E+00	-0.73835E+00	0.72309E-01	0.39356E+00
124	-0.15849E+00	-0.15350E+00	-0.46414E+00	-0.57067E+00	0.80952E-01	0.31462E+00
125	0.24814E-01	-0.11178E+00	-0.35675E+00	-0.40066E+00	0.79551E-01	0.33640E+00
126	-0.66109E-01	-0.10923E+00	-0.42133E+00	-0.31202E+00	0.11996E+00	0.21272E+00
127	-0.72134E-01	-0.11933E+00	-0.42633E+00	-0.73885E-01	0.11945E+00	0.15408E+00
128	-0.27806E+00	-0.27423E+00	-0.54706E+00	-0.14095E+00	0.13015E+00	0.16079E+00
129	-0.56938E+00	-0.43177E+00	-0.72773E+00	-0.26986E-01	0.17327E+00	0.61156E-01
163	0.13977E+01	0.76475E-01	0.48347E+00	-0.26798E+01	-0.12441E+01	0.29242E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.87183E-01	0.58122E+00	-0.49404E+00	-0.48404E+02	0.54593E+01	0.21212E+02
131	-0.62458E-01	-0.41639E+00	0.35393E+00	-0.11532E+03	0.51270E+01	0.59097E+02
132	0.89021E-02	0.59348E-01	-0.50445E-01	-0.19137E+03	0.87563E+01	0.10130E+03
133	-0.30135E-01	-0.20090E+00	0.17077E+00	-0.27478E+03	0.13616E+02	0.14815E+03
134	-0.49316E-01	-0.32877E+00	0.27946E+00	-0.36734E+03	0.20101E+02	0.20408E+03
135	0.14677E-01	0.97849E-01	-0.83172E-01	-0.43301E+03	0.27477E+02	0.25374E+03
136	-0.80527E-01	-0.53635E+00	0.45632E+00	-0.48866E+03	0.29823E+02	0.28757E+03
137	-0.15436E+00	-0.10291E+01	0.87470E+00	-0.49557E+03	0.37134E+02	0.30323E+03
138	0.49922E+00	0.33281E+01	-0.24108E+01	-0.50561E+03	0.10040E+03	0.32606E+03
139	0.71381E+00	0.47537E+01	-0.26372E+01	-0.49968E+03	0.22625E+03	0.34355E+03
140	0.20973E+00	0.13982E+01	-0.11885E+01	-0.61833E+03	0.27528E+03	0.38738E+03
141	0.17265E+00	0.11523E+01	-0.97950E+00	-0.62064E+03	0.28095E+03	0.41060E+03
142	0.17710E+00	0.11307E+01	-0.10036E+01	-0.64172E+03	0.28215E+03	0.43371E+03
143	0.17945E+00	0.11963E+01	-0.10169E+01	0.18133E+03	0.40445E+03	-0.32837E+03
144	0.32981E+00	0.21967E+01	-0.18689E+01	0.18406E+03	0.39541E+03	-0.30730E+03
145	0.73956E+00	0.49304E+01	-0.56776E+01	0.67918E+01	0.31085E+03	-0.78562E+03
146	0.31071E+00	0.20714E+01	-0.42901E+01	-0.43306E+02	0.23326E+03	-0.69320E+03
147	0.32243E+00	0.21495E+01	-0.42273E+01	-0.38762E+02	0.24298E+03	-0.68066E+03
148	0.33641E+00	0.22427E+01	0.52592E+00	-0.32902E+02	0.25465E+03	-0.68270E+03
149	0.35297E+00	0.23532E+01	0.44588E+00	-0.21337E+02	0.26916E+03	-0.69703E+03
150	0.41072E+00	0.27381E+01	-0.20451E+00	0.59526E+01	0.29634E+03	-0.67612E+03
151	0.49854E+00	0.33236E+01	0.16119E+02	0.28310E+02	0.33935E+03	-0.69225E+03
152	0.46411E+00	0.30941E+01	0.29334E+02	0.25929E+02	0.31585E+03	-0.68478E+03
153	0.40825E+00	0.27216E+01	0.26019E+02	0.36570E+02	0.27990E+03	-0.66744E+03
154	0.27433E+00	0.18289E+01	0.50037E+02	0.47208E+02	0.19148E+03	-0.64611E+03
155	0.78813E-01	0.52542E+00	0.41563E+02	0.25833E+02	0.56851E+02	-0.60164E+03
156	-0.76613E-01	-0.51075E+00	0.34551E+02	0.38190E+02	-0.45769E+02	-0.55446E+03
157	-0.19823E+00	-0.13215E+01	0.27861E+02	0.28293E+02	-0.12900E+03	-0.49053E+03
158	-0.29163E+00	-0.19442E+01	0.22465E+02	0.32328E+02	-0.19117E+03	-0.42841E+03
159	-0.35882E+00	-0.23921E+01	0.16242E+02	0.32086E+02	-0.23638E+03	-0.35158E+03
160	-0.40138E+00	-0.26759E+01	0.11225E+02	0.30850E+02	-0.26517E+03	-0.27999E+03
161	-0.46367E+00	-0.30911E+01	0.55271E+01	0.22164E+02	-0.28856E+03	-0.19425E+03
162	-0.46936E+00	-0.31291E+01	-0.30551E+00	0.17224E+02	-0.27471E+03	-0.13317E+03
163	-0.52565E+00	-0.35044E+01	-0.12288E+01	0.21886E+02	-0.30726E+03	-0.91575E+02
164	-0.50586E+00	-0.33724E+01	-0.13042E+01	0.29409E+02	-0.29444E+03	-0.58045E+02

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165	-0.26263E+03	-0.37455E+02	-0.22481E+01	-0.80357E+01	-0.29293E+03	-0.43003E+02
166	-0.20881E+03	-0.27197E+02	-0.45519E+01	-0.44116E+01	-0.27131E+03	-0.39199E+02
167	-0.16341E+03	-0.19821E+02	-0.48542E+01	-0.23828E+01	-0.23091E+03	-0.36034E+02
168	-0.12316E+03	-0.14242E+02	-0.43984E+01	-0.34804E+00	-0.18982E+03	-0.33478E+02
169	-0.77361E+02	-0.67473E+01	-0.49256E+01	0.14918E+01	-0.16231E+03	-0.30598E+02
170	-0.32637E+02	0.14367E+01	-0.63196E+01	0.35443E+01	-0.14525E+03	-0.27319E+02
171	0.12852E+02	0.92045E+01	-0.70740E+01	0.62503E+01	-0.11483E+03	-0.22738E+02
172	0.38970E+02	0.12525E+02	-0.63589E+01	0.88867E+01	-0.75309E+02	-0.17780E+02
173	0.38466E+02	0.99930E+01	-0.39295E+01	0.10197E+02	-0.40424E+02	-0.14281E+02
174	0.23475E+02	0.49057E+01	-0.12262E+01	0.10103E+02	-0.15240E+02	-0.11782E+02
175	0.56680E+01	0.47972E+00	0.36646E+00	0.83271E+01	-0.75980E+01	-0.10562E+02
176	-0.10080E+01	-0.68705E+00	0.49346E+00	0.65866E+01	-0.99125E+01	-0.98065E+01
177	-0.17012E+01	-0.49030E+00	0.21297E+00	0.49131E+01	-0.11256E+02	-0.80233E+01
178	-0.47887E+00	-0.72950E-01	0.26920E-02	0.34744E+01	-0.84478E+01	-0.57830E+01
179	0.12793E+00	0.29861E-01	-0.77793E-02	0.26269E+01	-0.61052E+01	-0.41296E+01
180	-0.47693E-01	0.12858E-01	-0.17048E-01	0.17898E+01	-0.36571E+01	-0.25227E+01
181	0.58951E-01	0.51764E-01	-0.36426E-01	0.10935E+01	-0.16372E+01	-0.92720E+00
182	-0.28447E+00	-0.13210E+00	0.77769E-01	0.26230E+00	0.31102E+00	-0.23580E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.16789E-01	0.20861E-04	-0.17192E-01	0.00000E+00
3	0.32210E-01	0.19189E-03	-0.32212E-01	0.00000E+00
4	0.36337E-01	0.17767E-03	-0.36057E-01	0.00000E+00
5	0.42102E-01	0.63886E-05	-0.42068E-01	0.00000E+00
6	0.46294E-01	0.36188E-05	-0.46298E-01	0.00000E+00
7	0.42134E-01	0.43590E-03	-0.42214E-01	0.00000E+00
8	0.46439E-01	0.39167E-03	-0.46502E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.16508E-01	0.13509E-03	-0.16556E-01	0.00000E+00
11	0.31719E-01	0.45092E-03	-0.31916E-01	0.00000E+00
12	0.36036E-01	0.57224E-03	-0.36233E-01	0.00000E+00
13	0.42223E-01	0.56134E-03	-0.42432E-01	0.00000E+00
14	0.46759E-01	0.49988E-03	-0.47050E-01	0.00000E+00
15	0.42485E-01	0.60766E-03	-0.43227E-01	0.00000E+00
16	0.47281E-01	0.49139E-03	-0.47974E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.16057E-01	0.18092E-04	-0.16713E-01	0.00000E+00
19	0.31432E-01	0.26375E-03	-0.32514E-01	0.00000E+00
20	0.36086E-01	0.35652E-03	-0.37160E-01	0.00000E+00
21	0.42753E-01	0.34564E-03	-0.44018E-01	0.00000E+00
22	0.48024E-01	0.25901E-03	-0.49309E-01	0.00000E+00
23	0.43137E-01	-0.16225E-03	-0.45196E-01	0.00000E+00
24	0.49008E-01	-0.47234E-03	-0.51113E-01	0.00000E+00
25	0.49530E-01	-0.87464E-03	-0.52214E-01	0.00000E+00
26	0.49921E-01	-0.11622E-02	-0.52864E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.15885E-01	-0.47435E-03	-0.16776E-01	0.00000E+00
29	0.31353E-01	-0.75581E-03	-0.33013E-01	0.00000E+00
30	0.36273E-01	-0.85353E-03	-0.38138E-01	0.00000E+00
31	0.43629E-01	-0.10211E-02	-0.46248E-01	0.00000E+00
32	0.50273E-01	-0.15823E-02	-0.53548E-01	0.00000E+00
33	0.43757E-01	-0.11963E-02	-0.46527E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.15929E-01	-0.61946E-03	-0.16743E-01	0.00000E+00
36	0.31403E-01	-0.11658E-02	-0.32997E-01	0.00000E+00
37	0.36323E-01	-0.13709E-02	-0.38123E-01	0.00000E+00
38	0.43841E-01	-0.14979E-02	-0.46644E-01	0.00000E+00
39	0.50714E-01	-0.15901E-02	-0.54580E-01	0.00000E+00
40	0.50623E-01	-0.15838E-02	-0.54349E-01	0.00000E+00
41	0.50533E-01	-0.15786E-02	-0.54128E-01	0.00000E+00
42	0.50434E-01	-0.15694E-02	-0.53882E-01	0.00000E+00
43	0.36345E-01	-0.19771E-02	-0.37562E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.16111E-01	-0.97331E-03	-0.16260E-01	0.00000E+00
46	0.31479E-01	-0.18422E-02	-0.31919E-01	0.00000E+00
47	0.50739E-01	-0.15904E-02	-0.54655E-01	0.00000E+00
48	0.50743E-01	-0.15903E-02	-0.54656E-01	0.00000E+00
49	0.43849E-01	-0.15818E-02	-0.46616E-01	0.00000E+00
50	0.50773E-01	-0.15842E-02	-0.54648E-01	0.00000E+00
51	0.43614E-01	-0.20949E-02	-0.45326E-01	0.00000E+00
52	0.49931E-01	-0.15263E-02	-0.52280E-01	0.00000E+00
53	0.50725E-01	-0.15938E-02	-0.54659E-01	0.00000E+00
54	0.36071E-01	-0.21049E-02	-0.36721E-01	0.00000E+00
55	0.43089E-01	-0.21646E-02	-0.44071E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.16212E-01	-0.10522E-02	-0.15617E-01	0.00000E+00
58	0.31126E-01	-0.19529E-02	-0.30514E-01	0.00000E+00
59	0.48739E-01	-0.19293E-02	-0.50251E-01	0.00000E+00
60	0.49579E-01	-0.16694E-02	-0.51578E-01	0.00000E+00
61	0.50782E-01	-0.15798E-02	-0.54964E-01	0.00000E+00
62	0.35522E-01	-0.23945E-02	-0.35015E-01	0.00000E+00
63	0.41870E-01	-0.25593E-02	-0.41587E-01	0.00000E+00
64	0.50239E-01	-0.15275E-02	-0.52747E-01	0.00000E+00
65	0.50791E-01	-0.15753E-02	-0.55078E-01	0.00000E+00
66	0.50862E-01	-0.15667E-02	-0.55307E-01	0.00000E+00
67	0.50933E-01	-0.15589E-02	-0.55540E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.16081E-01	-0.10289E-02	-0.14949E-01	0.00000E+00
70	0.30627E-01	-0.19634E-02	-0.28979E-01	0.00000E+00
71	0.47475E-01	-0.26343E-02	-0.47520E-01	0.00000E+00
72	0.50438E-01	-0.15349E-02	-0.52638E-01	0.00000E+00
73	0.40742E-01	-0.25195E-02	-0.39045E-01	0.00000E+00
74	0.51948E-01	-0.15013E-02	-0.54450E-01	0.00000E+00
75	0.50994E-01	-0.15539E-02	-0.53759E-01	0.00000E+00
76	0.51380E-01	-0.15458E-02	-0.56163E-01	0.00000E+00
77	0.45767E-01	-0.24093E-02	-0.43959E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.16100E-01	-0.97968E-03	-0.14599E-01	0.00000E+00
80	0.29957E-01	-0.18282E-02	-0.27380E-01	0.00000E+00
81	0.33684E-01	-0.22157E-02	-0.30923E-01	0.00000E+00
82	0.39037E-01	-0.22469E-02	-0.35753E-01	0.00000E+00
83	0.52336E-01	-0.23713E-02	-0.52933E-01	0.00000E+00
84	0.48443E-01	-0.19034E-02	-0.45065E-01	0.00000E+00
85	0.52196E-01	-0.15332E-02	-0.56695E-01	0.00000E+00
86	0.53717E-01	-0.15518E-02	-0.56515E-01	0.00000E+00
87	0.43702E-01	-0.21929E-02	-0.40018E-01	0.00000E+00
88	0.53408E-01	-0.19335E-02	-0.54874E-01	0.00000E+00
89	0.52934E-01	-0.15232E-02	-0.57213E-01	0.00000E+00
90	0.35605E-01	-0.12727E-02	-0.27790E-01	0.00000E+00
91	0.38313E-01	-0.10019E-02	-0.29971E-01	0.00000E+00
92	0.39943E-01	-0.72510E-03	-0.31144E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.14502E-01	0.00000E+00	-0.84426E-02	0.00000E+00
95	0.26470E-01	0.00000E+00	-0.15964E-01	0.00000E+00
96	0.29232E-01	0.00000E+00	-0.17831E-01	0.00000E+00
97	0.32442E-01	0.00000E+00	-0.20033E-01	0.00000E+00
98	0.33660E-01	0.00000E+00	-0.20831E-01	0.00000E+00
99	0.35654E-01	-0.62752E-03	-0.25321E-01	0.00000E+00
100	0.42195E-01	-0.83643E-03	-0.34146E-01	0.00000E+00
101	0.52089E-01	-0.10551E-02	-0.47954E-01	0.00000E+00
102	0.54871E-01	-0.15147E-02	-0.57966E-01	0.00000E+00
103	0.55071E-01	-0.20863E-02	-0.55817E-01	0.00000E+00
104	0.56640E-01	-0.15485E-02	-0.59181E-01	0.00000E+00
105	0.56510E-01	-0.15012E-02	-0.58668E-01	0.00000E+00
106	0.56927E-01	-0.16842E-02	-0.57771E-01	0.00000E+00
107	0.58917E-01	-0.14022E-02	-0.61180E-01	0.00000E+00
108	0.57919E-01	-0.14963E-02	-0.59318E-01	0.00000E+00
109	0.59080E-01	-0.14895E-02	-0.59898E-01	0.00000E+00
110	0.59324E-01	-0.89986E-03	-0.59906E-01	0.00000E+00
111	0.60607E-01	-0.11374E-02	-0.62673E-01	0.00000E+00
112	0.60060E-01	-0.14865E-02	-0.60409E-01	0.00000E+00
113	0.60220E-01	-0.86947E-03	-0.61130E-01	0.00000E+00
114	0.60794E-01	-0.14848E-02	-0.60836E-01	0.00000E+00
115	0.61355E-01	-0.14837E-02	-0.61184E-01	0.00000E+00
116	0.61660E-01	-0.14793E-02	-0.61432E-01	0.00000E+00

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117	0.61585E-01	-0.91953E-03	-0.63383E-01	0.00000E+00
118	0.61685E-01	-0.14758E-02	-0.61526E-01	0.00000E+00
119	0.61721E-01	-0.14767E-02	-0.61637E-01	0.00000E+00
120	0.61823E-01	-0.65244E-03	-0.63871E-01	0.00000E+00
121	0.61740E-01	-0.14768E-02	-0.61743E-01	0.00000E+00
122	0.61743E-01	-0.14708E-02	-0.61756E-01	-0.17020E-05
123	0.61751E-01	-0.14561E-02	-0.61769E-01	-0.33328E-05
124	0.61763E-01	-0.14298E-02	-0.61784E-01	-0.55312E-05
125	0.61785E-01	-0.13875E-02	-0.61801E-01	-0.86688E-05
126	0.61843E-01	-0.12746E-02	-0.61832E-01	-0.13751E-04
127	0.61920E-01	-0.11216E-02	-0.61862E-01	-0.16708E-04
128	0.62106E-01	-0.72854E-03	-0.61926E-01	-0.18232E-04
129	0.62273E-01	-0.35248E-03	-0.61986E-01	-0.15705E-04
130	0.62416E-01	-0.11857E-04	-0.62055E-01	-0.10573E-04
131	0.62546E-01	0.32922E-03	-0.62165E-01	-0.56129E-05
132	0.62609E-01	0.50295E-03	-0.62272E-01	-0.34014E-05
133	0.62653E-01	0.63336E-03	-0.62372E-01	-0.24665E-05
134	0.62666E-01	0.65168E-03	-0.62456E-01	0.10708E-05
135	0.62647E-01	0.48546E-03	-0.62527E-01	0.41514E-05
136	0.62631E-01	0.30612E-03	-0.62577E-01	0.29474E-05
137	0.62626E-01	0.16496E-03	-0.62610E-01	0.28333E-05
138	0.62623E-01	0.21362E-04	-0.62624E-01	0.23538E-05
139	0.62623E-01	0.28346E-05	-0.62623E-01	0.23150E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1800E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.94926E-01	-0.54457E-01	-0.10793E+00	0.20392E+01	0.41483E-01	-0.20683E+01
2	-0.15670E+00	-0.38310E-01	-0.14734E+00	0.18362E+01	0.60335E-01	-0.18871E+01
3	-0.19523E+00	-0.35079E-01	-0.91868E-01	0.15979E+01	0.17869E-01	-0.16029E+01
4	0.54970E-01	-0.30791E-01	0.12783E+00	0.13267E+01	-0.68575E-01	-0.14144E+01
5	-0.10930E+00	-0.28516E-01	-0.54677E-01	0.13242E+01	-0.16108E-01	-0.13864E+01
6	0.14394E-01	-0.22638E-01	-0.54458E-01	0.13632E+01	-0.24698E-01	-0.14041E+01
7	0.32341E-01	-0.11705E-01	-0.20247E-01	0.10265E+01	-0.21689E-01	-0.10294E+01
8	0.94423E-01	-0.31414E-02	-0.19366E-01	0.10119E+01	-0.50941E-01	-0.10527E+01
9	-0.10190E+00	-0.46674E-01	-0.85312E-01	0.19356E+01	0.29694E-02	-0.20350E+01
10	-0.13291E+00	-0.78598E-02	-0.12693E+00	0.16576E+01	-0.36000E-02	-0.19153E+01
11	-0.10194E+00	0.12826E-01	-0.19547E+00	0.16137E+01	-0.51574E-01	-0.16852E+01
12	0.15349E+00	0.54295E-01	-0.12196E-02	0.13489E+01	-0.10978E+00	-0.13924E+01
13	-0.10524E-01	0.42615E-01	-0.10025E+00	0.13724E+01	-0.43289E-01	-0.14457E+01
14	0.31060E-01	-0.21209E-01	-0.11758E+00	0.13977E+01	-0.92321E-01	-0.15074E+01
15	0.20382E+00	0.22425E-01	-0.83311E-02	0.10492E+01	-0.11813E+00	-0.10863E+01
16	0.25227E+00	0.23895E-01	-0.33359E-01	0.10834E+01	-0.14052E+00	-0.11469E+01
17	-0.19757E+00	-0.24037E+00	-0.20818E+00	0.19334E+01	0.94131E-02	-0.20430E+01
18	-0.19635E+00	-0.18175E+00	-0.24272E+00	0.18280E+01	0.11483E-01	-0.19507E+01
19	-0.10293E+00	-0.12090E+00	-0.29219E+00	0.15871E+01	-0.24758E-01	-0.17764E+01
20	0.16036E+00	0.17648E-01	-0.99740E-01	0.13533E+01	-0.15154E+00	-0.14934E+01
21	-0.72767E-01	-0.72270E-01	-0.22615E+00	0.14001E+01	-0.27031E-01	-0.16286E+01
22	0.95899E-01	-0.14942E+00	-0.21535E+00	0.14430E+01	-0.11564E+00	-0.17356E+01
23	0.29287E+00	-0.42712E-01	-0.88426E-01	0.11365E+01	-0.20186E+00	-0.12557E+01
24	0.64451E+00	0.92419E-01	0.73063E-01	0.11706E+01	-0.31845E+00	-0.13087E+01
25	0.21239E+00	-0.20640E+00	-0.23015E+00	0.12399E+01	-0.19324E+00	-0.14614E+01
26	0.58180E+00	-0.15083E+00	-0.78314E-01	0.12013E+01	-0.37882E+00	-0.15980E+01
27	-0.27622E+00	-0.42064E+00	-0.30747E+00	0.19268E+01	0.14142E-01	-0.20418E+01
28	-0.25370E+00	-0.37756E+00	-0.33607E+00	0.18245E+01	0.35668E-01	-0.19674E+01
29	-0.12464E+00	-0.28339E+00	-0.33894E+00	0.15822E+01	0.90872E-01	-0.18294E+01
30	-0.12195E-01	-0.22395E+00	-0.29359E+00	0.14989E+01	-0.79739E-01	-0.17271E+01
31	-0.22247E+00	-0.28222E+00	-0.37259E+00	0.14698E+01	0.65353E-01	-0.17869E+01
32	-0.83005E-01	-0.23720E+00	-0.31732E+00	0.14508E+01	-0.15128E-02	-0.18090E+01
33	0.52385E+00	-0.14394E+00	-0.96832E-01	0.14859E+01	-0.26994E+00	-0.16705E+01
34	0.15257E+01	0.58551E+00	0.58225E+00	0.16058E+01	-0.47697E+00	-0.17884E+01
35	-0.10338E+00	-0.50194E+00	-0.50731E+00	0.16249E+01	-0.16683E+00	-0.17889E+01
36	-0.27408E+00	-0.48717E+00	-0.54503E+00	0.14646E+01	0.16808E-01	-0.18295E+01
37	0.17321E+00	-0.84553E-01	-0.22930E+00	0.16470E+01	-0.17825E+00	-0.18681E+01
38	-0.37010E+00	-0.57751E+00	-0.39231E+00	0.19456E+01	0.21673E-01	-0.20090E+01
39	-0.35065E+00	-0.54174E+00	-0.39827E+00	0.18487E+01	0.69431E-01	-0.19276E+01
40	-0.19133E+00	-0.35407E+00	-0.33731E+00	0.16341E+01	0.22402E+00	-0.18140E+01
41	-0.28657E+00	-0.65498E+00	-0.39345E+00	0.17032E+01	0.19366E+00	-0.18058E+01
42	-0.45443E+00	-0.49362E+00	-0.35644E+00	0.16478E+01	0.26318E+00	-0.16896E+01
43	-0.34179E+00	-0.43652E+00	-0.46715E+00	0.15152E+01	0.15651E+00	-0.18142E+01
44	-0.54323E+00	-0.50879E+00	-0.55004E+00	0.14818E+01	0.28075E+00	-0.16364E+01
45	-0.73973E+00	-0.61689E+00	-0.62380E+00	0.15636E+01	0.23669E+00	-0.16360E+01
46	-0.40455E+00	-0.33979E+00	-0.35434E+00	0.14995E+01	0.15936E+00	-0.15482E+01
47	-0.92110E-01	-0.23149E+00	-0.38112E+00	0.13677E+01	0.20782E-02	-0.18837E+01
48	-0.47340E+00	-0.44855E+00	-0.63338E+00	0.16581E+01	0.97893E-01	-0.18929E+01
49	-0.42449E+00	-0.30893E+00	-0.51426E+00	0.16020E+01	0.23648E+00	-0.19604E+01
50	-0.16329E+01	-0.76366E+00	-0.11387E+01	0.13710E+01	0.73610E+00	-0.14648E+01
51	-0.46050E+00	-0.40535E+00	-0.64434E+00	0.64539E-01	0.10982E+00	-0.37406E+00
52	-0.77900E+00	-0.46373E+00	-0.75329E+00	-0.33030E+00	0.39319E+00	0.10007E+01
53	-0.63071E+00	-0.20700E+00	-0.42373E+00	0.12484E+01	0.28382E+00	-0.13483E+01
54	-0.46610E+00	-0.72105E+00	-0.47004E+00	0.19724E+01	0.21842E-01	-0.19402E+01

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55	-0.47870E+00	-0.67642E+00	-0.45537E+00	0.18436E+01	0.72697E-01	-0.18449E+01
56	-0.42512E+00	-0.55093E+00	-0.29226E+00	0.16184E+01	0.22794E+00	-0.16414E+01
57	-0.57249E+00	-0.46737E+00	-0.42691E+00	0.14184E+01	0.18544E+00	-0.14661E+01
58	-0.61725E+00	-0.36730E+00	-0.42266E+00	0.11716E+01	0.23626E+00	-0.12693E+01
59	-0.50401E+00	-0.76122E+00	-0.49880E+00	0.19814E+01	-0.26050E-02	-0.19042E+01
60	-0.53209E+00	-0.76441E+00	-0.49861E+00	0.19672E+01	0.41876E-01	-0.19185E+01
61	-0.45542E+00	-0.70977E+00	-0.43869E+00	0.19691E+01	0.15844E-01	-0.18196E+01
62	-0.45773E+00	-0.69731E+00	-0.44711E+00	0.19678E+01	-0.53067E-02	-0.17309E+01
63	-0.53612E+00	-0.71426E+00	-0.46454E+00	0.18008E+01	0.68081E-01	-0.17487E+01
64	-0.50452E+00	-0.67469E+00	-0.41950E+00	0.17425E+01	0.52816E-01	-0.16227E+01
65	-0.46235E+00	-0.64010E+00	-0.26772E+00	0.16104E+01	0.20093E+00	-0.15950E+01
66	-0.60189E+00	-0.58301E+00	-0.25543E+00	0.14709E+01	0.26164E+00	-0.14114E+01
67	-0.49317E+00	-0.57070E+00	-0.18769E+00	0.13865E+01	0.18515E+00	-0.12565E+01
68	-0.67809E+00	-0.55392E+00	-0.45676E+00	0.13789E+01	0.20745E+00	-0.13852E+01
69	-0.57172E+00	-0.50537E+00	-0.36654E+00	0.13378E+01	0.15438E+00	-0.12835E+01
70	-0.78415E+00	-0.50214E+00	-0.42393E+00	0.11833E+01	0.25295E+00	-0.10174E+01
71	-0.66575E+00	-0.41237E+00	-0.39170E+00	0.11631E+01	0.25035E+00	-0.11370E+01
72	-0.77445E+00	-0.41217E+00	-0.38048E+00	0.10710E+01	0.27980E+00	-0.96439E+00
73	-0.26744E+00	-0.35787E+00	-0.20815E+00	0.18791E+01	0.41448E-01	-0.14062E+01
74	-0.32341E+00	-0.33383E+00	-0.14832E+00	0.16039E+01	0.12015E+00	-0.12351E+01
75	-0.45399E+00	-0.30496E+00	0.53209E-01	0.12638E+01	0.34126E+00	-0.97569E+00
76	-0.71694E+00	-0.43300E+00	-0.31830E+00	0.12019E+01	0.29447E+00	-0.10256E+01
77	-0.44708E+00	-0.32557E+00	-0.11681E+00	0.94649E+00	0.21499E+00	-0.72857E+00
78	-0.47684E+00	-0.20275E+00	-0.30049E-01	0.75080E+00	0.24980E+00	-0.47350E+00
79	-0.76298E+00	-0.31055E+00	-0.25921E+00	0.84572E+00	0.32947E+00	-0.68075E+00
80	-0.92239E+00	-0.31257E+00	-0.26982E+00	0.62144E+00	0.35048E+00	-0.46386E+00
81	-0.43397E+00	-0.13841E+00	0.12776E-01	0.38643E+00	0.24982E+00	-0.24638E+00
82	-0.59681E+00	-0.27208E+00	-0.83336E-01	0.31503E+00	0.27139E+00	-0.17139E+00
83	-0.83772E+00	-0.19150E+00	-0.17920E+00	0.48738E+00	0.34751E+00	-0.31867E+00
84	-0.87947E+00	-0.22440E+00	-0.23883E+00	0.56796E+00	0.37619E+00	-0.37286E+00
85	-0.10967E+01	-0.34278E+00	-0.41855E+00	0.74051E+00	0.43584E+00	-0.57214E+00
86	-0.99441E+00	-0.20058E+00	-0.31111E+00	0.54187E+00	0.43324E+00	-0.37677E+00
87	-0.64460E+00	-0.14754E+00	-0.21132E+00	0.78934E+00	0.30387E+00	-0.67791E+00
88	-0.77993E+00	-0.30652E+00	-0.38794E+00	0.87256E+00	0.34992E+00	-0.85416E+00
89	-0.87322E+00	-0.31134E+00	-0.44542E+00	0.76509E+00	0.40166E+00	-0.74917E+00
90	-0.92617E+00	-0.19351E+00	-0.36167E+00	0.52548E+00	0.45630E+00	-0.36836E+00
91	-0.10329E+01	-0.30874E+00	-0.50114E+00	0.53559E+00	0.50107E+00	-0.50525E+00
92	-0.97257E+00	-0.21938E+00	-0.43919E+00	0.40932E+00	0.50025E+00	-0.31714E+00
93	-0.72181E+00	-0.50681E-01	-0.42475E+00	0.87241E+00	0.34153E+00	-0.11104E+01
94	-0.72237E+00	-0.34284E+00	-0.51429E+00	0.90507E+00	0.29270E+00	-0.10893E+01
95	-0.51217E+00	-0.47357E+00	-0.52623E+00	0.66932E+00	0.25947E+00	-0.80366E+00
96	-0.67288E+00	-0.35545E+00	-0.47056E+00	0.88769E+00	0.27056E+00	-0.96793E+00
97	-0.42774E+00	-0.34638E+00	-0.44434E+00	0.74257E+00	0.25974E+00	-0.68647E+00
98	-0.57653E+00	-0.31285E+00	-0.44028E+00	0.63525E+00	0.24100E+00	-0.68843E+00
99	-0.53934E+00	-0.12389E+00	-0.31065E+00	0.68728E+00	0.25268E+00	-0.74401E+00
100	-0.49355E+00	-0.12203E+00	-0.33139E+00	0.53396E+00	0.24261E+00	-0.50334E+00
101	-0.59940E+00	-0.20662E+00	-0.41916E+00	0.44010E+00	0.24815E+00	-0.37600E+00
102	-0.55138E+00	-0.47488E-01	-0.29478E+00	0.39044E+00	0.26017E+00	-0.34662E+00
103	-0.44043E+00	-0.14218E+00	-0.32801E+00	0.21439E+00	0.20819E+00	-0.17232E+00
104	-0.42795E+00	-0.12369E+00	-0.31530E+00	0.10561E+00	0.20808E+00	-0.96785E-01
105	-0.86144E+00	-0.36358E+00	-0.63484E+00	0.76284E+00	0.45864E+00	-0.10553E+01
106	-0.11598E+01	-0.82923E+00	-0.10487E+01	0.49780E-01	0.53554E+00	-0.46366E+00
107	-0.98727E+00	-0.74732E+00	-0.92659E+00	0.41460E+00	0.50191E+00	-0.75746E+00
108	-0.82223E+00	-0.69050E+00	-0.83753E+00	0.42990E+00	0.46448E+00	-0.75828E+00
109	-0.65515E+00	-0.50654E+00	-0.72950E+00	0.15905E+00	0.45606E+00	-0.46580E+00
110	-0.20363E+00	-0.19843E+00	-0.40178E+00	0.58207E+00	0.39629E+00	-0.76643E+00
111	0.91409E-01	-0.44692E-01	-0.26494E+00	0.42459E+00	0.33321E+00	-0.39918E+00
112	0.10593E+00	-0.27376E-01	-0.24596E+00	0.66354E+00	0.33098E+00	-0.39393E+00
113	0.12501E+00	-0.82433E-01	-0.20256E+00	0.71946E+00	0.24174E+00	-0.80260E+00
114	0.27913E+00	0.83451E-01	-0.12747E+00	0.59613E+00	0.19187E+00	-0.38241E+00

115	-0.31226E+00	0.10952E+00	-0.70723E-01	0.10455E+01	0.18006E+00	-0.36906E+00
116	-0.13931E-01	-0.95376E-01	-0.23064E+00	0.78700E+00	0.82699E-01	-0.68552E+00
117	-0.12727E+00	-0.14788E+00	-0.29351E+00	0.88138E+00	-0.39422E-02	-0.34208E+00
118	-0.88913E-01	-0.11886E+00	-0.22665E+00	0.75678E+00	-0.18196E-01	-0.31387E+00
119	-0.15204E+00	-0.34675E-01	-0.21216E+00	0.61946E+00	-0.67674E-01	-0.50614E+00
120	-0.26811E+00	-0.21666E+00	-0.29936E+00	0.64044E+00	-0.13598E+00	-0.27697E+00
121	-0.24100E+00	-0.19364E+00	-0.25461E+00	0.54255E+00	-0.14480E+00	-0.24020E+00
122	-0.10289E+00	0.12109E+00	-0.96398E-01	0.48712E+00	-0.16842E+00	-0.37235E+00
123	-0.23098E+00	-0.17841E+00	-0.22158E+00	0.44512E+00	-0.22805E+00	-0.19664E+00
124	-0.21495E+00	-0.16312E+00	-0.19680E+00	0.35083E+00	-0.23243E+00	-0.15417E+00
125	-0.17925E+00	0.36082E-01	-0.14353E+00	0.27217E+00	-0.21879E+00	-0.16425E+00
126	-0.26789E+00	-0.18851E+00	-0.22020E+00	0.24079E+00	-0.25069E+00	-0.10153E+00
127	-0.26286E+00	-0.18076E+00	-0.21558E+00	0.10255E+00	-0.25038E+00	-0.69019E-01
128	-0.48222E-01	0.63939E-01	-0.58838E-01	0.16313E+00	-0.24759E+00	-0.70157E-01
129	0.85582E-03	-0.21724E-01	-0.54650E-01	0.12170E+00	-0.27170E+00	-0.26711E-01
183	-0.10029E+01	-0.31982E+00	-0.65910E+00	0.12801E+01	0.48078E+00	-0.14662E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.20726E+00	-0.13817E+01	0.11745E+01	0.25862E+02	-0.83403E+01	-0.11303E+02
131	0.47138E-01	0.31425E+00	-0.26712E+00	0.56997E+02	-0.13231E+02	-0.34437E+02
132	0.44250E-01	0.29500E+00	-0.25075E+00	0.93030E+02	-0.22360E+02	-0.58390E+02
133	0.68273E-01	0.45515E+00	-0.38688E+00	0.13221E+03	-0.32300E+02	-0.84364E+02
134	0.12505E+00	0.83369E+00	-0.70864E+00	0.17506E+03	-0.43228E+02	-0.11452E+03
135	0.10772E+00	0.71811E+00	-0.61039E+00	0.20313E+03	-0.52802E+02	-0.14045E+03
136	0.13535E+00	0.90231E+00	-0.76696E+00	0.23021E+03	-0.56807E+02	-0.15773E+03
137	0.19164E+00	0.12776E+01	-0.10859E+01	0.23650E+03	-0.61805E+02	-0.16579E+03
138	-0.19946E+00	-0.13297E+01	0.86347E+00	0.24004E+03	-0.11623E+03	-0.17790E+03
139	-0.52388E+00	-0.34926E+01	0.20587E+01	0.23462E+03	-0.22355E+03	-0.18835E+03
140	-0.42725E+00	-0.28483E+01	0.24211E+01	0.28808E+03	-0.27151E+03	-0.21175E+03
141	-0.38436E+00	-0.25624E+01	0.21781E+01	0.28569E+03	-0.27596E+03	-0.22500E+03
142	-0.48994E+00	-0.32662E+01	0.27763E+01	0.29476E+03	-0.27754E+03	-0.23708E+03
143	-0.48698E+00	-0.32465E+01	0.27595E+01	-0.94835E+02	-0.33570E+03	0.14429E+03
144	-0.41815E+00	-0.27876E+01	0.23695E+01	-0.97571E+02	-0.33193E+03	0.13176E+03
145	-0.62206E+00	-0.41472E+01	0.36364E+01	-0.75454E+01	-0.26175E+03	0.39462E+03
146	-0.25726E+00	-0.17151E+01	0.25242E+01	0.49106E+01	-0.19777E+03	0.35849E+03
147	-0.26387E+00	-0.17591E+01	0.24820E+01	0.40002E+01	-0.20301E+03	0.35119E+03
148	-0.27206E+00	-0.18137E+01	0.23071E+00	0.19105E+01	-0.20964E+03	0.35214E+03
149	-0.28201E+00	-0.18801E+01	0.26762E+00	-0.24769E+01	-0.21798E+03	0.35994E+03
150	-0.32439E+00	-0.21626E+01	0.59295E+00	-0.15307E+02	-0.23564E+03	0.34781E+03
151	-0.39517E+00	-0.26345E+01	-0.71342E+01	-0.22070E+02	-0.26893E+03	0.35646E+03
152	-0.38419E+00	-0.25612E+01	-0.13565E+02	-0.17976E+02	-0.26094E+03	0.35184E+03
153	-0.36330E+00	-0.24224E+01	-0.12028E+02	-0.20249E+02	-0.24728E+03	0.34195E+03
154	-0.30521E+00	-0.20348E+01	-0.23904E+02	-0.21719E+02	-0.20841E+03	0.33003E+03
155	-0.21741E+00	-0.14494E+01	-0.19914E+02	-0.69802E+01	-0.14719E+03	0.30582E+03
156	-0.14724E+00	-0.98157E+00	-0.16901E+02	-0.96159E+01	-0.10041E+03	0.28053E+03
157	-0.91772E-01	-0.61181E+00	-0.13712E+02	-0.16548E+01	-0.61935E+02	0.24628E+03
158	-0.43336E-01	-0.32224E+00	-0.11472E+02	-0.15023E+01	-0.32715E+02	0.21324E+03
159	-0.16196E-01	-0.10797E+00	-0.84008E+01	0.30591E+00	-0.10841E+02	0.17206E+03
160	0.53522E-02	0.35682E-01	-0.63038E+01	0.17487E+01	0.38599E+01	0.13386E+03
161	0.18209E-01	0.12139E+00	-0.34728E+01	0.70111E+01	0.12514E+02	0.07703E+02
162	0.17977E-01	0.11985E+00	0.20923E+00	0.94931E+01	0.12045E+02	0.54968E+02
163	0.13030E-01	0.86865E-01	0.89089E-02	-0.17114E+00	0.76720E+01	0.33679E+02
164	0.43602E-02	0.29068E-01	0.30351E+00	0.21706E+00	0.26084E+01	0.17764E+02

165	-0.36808E+02	-0.62559E+01	0.66461E+00	-0.61440E+01	-0.14387E+01	0.11979E+02
166	-0.34620E+02	-0.53422E+01	0.12718E+00	-0.56098E+01	-0.18286E+01	0.11923E+02
167	-0.30322E+02	-0.43131E+01	-0.22617E+00	-0.51974E+01	-0.18843E+01	0.11909E+02
168	-0.25536E+02	-0.34049E+01	-0.41319E+00	-0.47753E+01	-0.16277E+01	0.11944E+02
169	-0.18542E+02	-0.21053E+01	-0.65241E+00	-0.43078E+01	-0.88820E+00	0.12039E+02
170	-0.10691E+02	-0.56755E+00	-0.99700E+00	-0.37403E+01	0.86576E+00	0.12159E+02
171	-0.23619E+01	0.10184E+01	-0.12978E+01	-0.29367E+01	0.48298E+01	0.12265E+02
172	0.45337E+01	0.21479E+01	-0.13618E+01	-0.19961E+01	0.10906E+02	0.12193E+02
173	0.65880E+01	0.20825E+01	-0.99013E+00	-0.12942E+01	0.15606E+02	0.11819E+02
174	0.31997E+01	0.11446E+01	-0.57705E+00	-0.77919E+00	0.18879E+02	0.10894E+02
175	0.97143E+00	0.47644E+00	-0.27393E+00	-0.54285E+00	0.17229E+02	0.95564E+01
176	0.30479E+00	0.31394E+00	-0.22219E+00	-0.44071E+00	0.15204E+02	0.83233E+01
177	0.33529E+00	0.30267E+00	-0.14370E+00	-0.23003E+00	0.13820E+02	0.66724E+01
178	0.51320E+00	0.55100E-01	0.27874E-01	-0.10468E+00	0.10098E+02	0.43255E+01
179	-0.21123E+00	-0.84963E-01	0.52755E-01	-0.22165E+00	0.71132E+01	0.33774E+01
180	-0.17753E-01	-0.19343E-01	0.17289E-01	-0.26863E+00	0.41552E+01	0.20264E+01
181	-0.55988E-01	-0.72380E-01	0.57267E-01	-0.39287E+00	0.13995E+01	0.68204E+00
182	0.20376E+00	0.94644E-01	-0.55721E-01	-0.20309E+00	-0.49184E+00	-0.51174E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.1900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.20835E-01	-0.44832E-04	-0.20910E-01	0.00000E+00
3	0.38682E-01	0.23691E-04	-0.38684E-01	0.00000E+00
4	0.43073E-01	0.47868E-04	-0.43038E-01	0.00000E+00
5	0.49064E-01	0.22671E-05	-0.49060E-01	0.00000E+00
6	0.52976E-01	0.38880E-05	-0.52978E-01	0.00000E+00
7	0.49103E-01	0.50470E-03	-0.49085E-01	0.00000E+00
8	0.53091E-01	0.43435E-03	-0.53109E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.20393E-01	0.28931E-03	-0.20282E-01	0.00000E+00
11	0.38134E-01	0.65072E-03	-0.38030E-01	0.00000E+00
12	0.42719E-01	0.79341E-03	-0.42667E-01	0.00000E+00
13	0.49126E-01	0.78929E-03	-0.49078E-01	0.00000E+00
14	0.53380E-01	0.71615E-03	-0.53468E-01	0.00000E+00
15	0.49370E-01	0.13652E-02	-0.49532E-01	0.00000E+00
16	0.53871E-01	0.11629E-02	-0.54099E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.19819E-01	0.56741E-03	-0.19916E-01	0.00000E+00
19	0.37635E-01	0.13353E-02	-0.37759E-01	0.00000E+00
20	0.42542E-01	0.16579E-02	-0.42674E-01	0.00000E+00
21	0.49599E-01	0.16743E-02	-0.49825E-01	0.00000E+00
22	0.54590E-01	0.15134E-02	-0.55045E-01	0.00000E+00
23	0.49961E-01	0.24026E-02	-0.50349E-01	0.00000E+00
24	0.55573E-01	0.20805E-02	-0.56390E-01	0.00000E+00
25	0.56165E-01	0.26366E-02	-0.57249E-01	0.00000E+00
26	0.56522E-01	0.27980E-02	-0.57774E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.18888E-01	0.65851E-03	-0.18787E-01	0.00000E+00
29	0.36505E-01	0.16862E-02	-0.36252E-01	0.00000E+00
30	0.41814E-01	0.22548E-02	-0.41589E-01	0.00000E+00
31	0.49906E-01	0.27806E-02	-0.50435E-01	0.00000E+00
32	0.56873E-01	0.29261E-02	-0.58331E-01	0.00000E+00
33	0.49804E-01	0.28904E-02	-0.50291E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.18554E-01	0.56442E-03	-0.18215E-01	0.00000E+00
36	0.36022E-01	0.15020E-02	-0.35288E-01	0.00000E+00
37	0.41357E-01	0.20000E-02	-0.40491E-01	0.00000E+00
38	0.49695E-01	0.26396E-02	-0.49923E-01	0.00000E+00
39	0.57333E-01	0.30730E-02	-0.59159E-01	0.00000E+00
40	0.57241E-01	0.30649E-02	-0.58984E-01	0.00000E+00
41	0.57150E-01	0.30564E-02	-0.58818E-01	0.00000E+00
42	0.57051E-01	0.30380E-02	-0.58616E-01	0.00000E+00
43	0.40441E-01	0.14018E-02	-0.37428E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.17292E-01	0.27190E-03	-0.15211E-01	0.00000E+00
46	0.33988E-01	0.74714E-03	-0.29504E-01	0.00000E+00
47	0.57355E-01	0.30731E-02	-0.59182E-01	0.00000E+00
48	0.57364E-01	0.30733E-02	-0.59218E-01	0.00000E+00
49	0.49638E-01	0.25440E-02	-0.49704E-01	0.00000E+00
50	0.57400E-01	0.30928E-02	-0.59389E-01	0.00000E+00
51	0.48622E-01	0.19322E-02	-0.45451E-01	0.00000E+00
52	0.55695E-01	0.31221E-02	-0.52814E-01	0.00000E+00
53	0.57325E-01	0.30643E-02	-0.59065E-01	0.00000E+00
54	0.39120E-01	0.11317E-02	-0.33815E-01	0.00000E+00
55	0.47032E-01	0.17070E-02	-0.40703E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.15963E-01	-0.16983E-03	-0.11823E-01	0.00000E+00
58	0.31579E-01	0.12486E-03	-0.23282E-01	0.00000E+00
59	0.53552E-01	0.23819E-02	-0.46459E-01	0.00000E+00
60	0.55249E-01	0.29430E-02	-0.50835E-01	0.00000E+00
61	0.57411E-01	0.31069E-02	-0.59489E-01	0.00000E+00
62	0.36359E-01	0.20996E-03	-0.26519E-01	0.00000E+00
63	0.43454E-01	0.49190E-03	-0.31482E-01	0.00000E+00
64	0.56237E-01	0.31579E-02	-0.53173E-01	0.00000E+00
65	0.57421E-01	0.31203E-02	-0.39587E-01	0.00000E+00
66	0.57504E-01	0.31469E-02	-0.59784E-01	0.00000E+00
67	0.57588E-01	0.31727E-02	-0.59984E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.15046E-01	-0.33069E-03	-0.91701E-02	0.00000E+00
70	0.29175E-01	-0.73275E-03	-0.17919E-01	0.00000E+00
71	0.49930E-01	0.81883E-03	-0.36001E-01	0.00000E+00
72	0.56288E-01	0.31836E-02	-0.51799E-01	0.00000E+00
73	0.40032E-01	-0.77013E-03	-0.24138E-01	0.00000E+00
74	0.58110E-01	0.33522E-02	-0.53323E-01	0.00000E+00
75	0.57658E-01	0.31923E-02	-0.60170E-01	0.00000E+00
76	0.58106E-01	0.32250E-02	-0.60502E-01	0.00000E+00
77	0.45729E-01	-0.58589E-03	-0.27197E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.14325E-01	-0.66173E-03	-0.69450E-02	0.00000E+00
80	0.27163E-01	-0.13801E-02	-0.12376E-01	0.00000E+00
81	0.30796E-01	-0.17414E-02	-0.14519E-01	0.00000E+00
82	0.36454E-01	-0.17486E-02	-0.17038E-01	0.00000E+00
83	0.55806E-01	0.12837E-02	-0.40244E-01	0.00000E+00
84	0.47941E-01	-0.12650E-02	-0.23663E-01	0.00000E+00
85	0.59055E-01	0.32667E-02	-0.60940E-01	0.00000E+00
86	0.60134E-01	0.33805E-02	-0.55182E-01	0.00000E+00
87	0.41658E-01	-0.17255E-02	-0.19381E-01	0.00000E+00
88	0.58532E-01	0.24389E-02	-0.47963E-01	0.00000E+00
89	0.59906E-01	0.33002E-02	-0.61366E-01	0.00000E+00
90	0.30381E-01	-0.11720E-02	-0.77184E-02	0.00000E+00
91	0.33001E-01	-0.10720E-02	-0.80381E-02	0.00000E+00
92	0.34795E-01	-0.92006E-03	-0.84738E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.11027E-01	0.00000E+00	0.46197E-03	0.00000E+00
95	0.20336E-01	0.00000E+00	0.55392E-03	0.00000E+00
96	0.22613E-01	0.00000E+00	0.53617E-03	0.00000E+00
97	0.25410E-01	0.00000E+00	0.13642E-03	0.00000E+00
98	0.26479E-01	0.00000E+00	-0.82362E-04	0.00000E+00
99	0.29408E-01	-0.70499E-03	-0.42010E-02	0.00000E+00
100	0.37678E-01	-0.10119E-02	-0.11015E-01	0.00000E+00
101	0.53020E-01	-0.70416E-03	-0.25552E-01	0.00000E+00
102	0.62153E-01	0.33344E-02	-0.61981E-01	0.00000E+00
103	0.59263E-01	0.15533E-02	-0.42427E-01	0.00000E+00
104	0.63581E-01	0.34630E-02	-0.57542E-01	0.00000E+00
105	0.64020E-01	0.33600E-02	-0.62546E-01	0.00000E+00
106	0.61737E-01	0.17807E-02	-0.44066E-01	0.00000E+00
107	0.66214E-01	0.35809E-02	-0.59260E-01	0.00000E+00
108	0.65622E-01	0.33664E-02	-0.63058E-01	0.00000E+00
109	0.66909E-01	0.33622E-02	-0.63498E-01	0.00000E+00
110	0.65365E-01	0.21145E-02	-0.46057E-01	0.00000E+00
111	0.68243E-01	0.36984E-02	-0.60537E-01	0.00000E+00
112	0.67978E-01	0.33456E-02	-0.63868E-01	0.00000E+00
113	0.66616E-01	0.22922E-02	-0.49406E-01	0.00000E+00
114	0.68737E-01	0.33125E-02	-0.64150E-01	0.00000E+00
115	0.69260E-01	0.32725E-02	-0.64350E-01	0.00000E+00
116	0.69438E-01	0.32255E-02	-0.64442E-01	0.00000E+00

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117	0.69077E-01	0.35427E-02	-0.61132E-01	0.00000E+00
118	0.69493E-01	0.32010E-02	-0.64458E-01	0.00000E+00
119	0.69444E-01	0.31580E-02	-0.64426E-01	0.00000E+00
120	0.69660E-01	0.32956E-02	-0.61637E-01	0.00000E+00
121	0.69347E-01	0.30950E-02	-0.64360E-01	0.00000E+00
122	0.69339E-01	0.30373E-02	-0.64447E-01	0.14430E-04
123	0.69294E-01	0.29106E-02	-0.64512E-01	0.26465E-04
124	0.69216E-01	0.27030E-02	-0.64577E-01	0.41265E-04
125	0.69073E-01	0.23914E-02	-0.64642E-01	0.60579E-04
126	0.68712E-01	0.16267E-02	-0.64748E-01	0.88427E-04
127	0.68253E-01	0.66227E-03	-0.64850E-01	0.10124E-03
128	0.67252E-01	-0.15754E-02	-0.65057E-01	0.95611E-04
129	0.66477E-01	-0.34213E-02	-0.65246E-01	0.70109E-04
130	0.65958E-01	-0.47655E-02	-0.65451E-01	0.34047E-04
131	0.65344E-01	-0.51589E-02	-0.65762E-01	-0.99414E-05
132	0.66140E-01	-0.42401E-02	-0.66040E-01	-0.26052E-04
133	0.66451E-01	-0.31086E-02	-0.66289E-01	-0.22701E-04
134	0.66636E-01	-0.22872E-02	-0.66492E-01	-0.15155E-04
135	0.66740E-01	-0.17282E-02	-0.66655E-01	-0.11630E-04
136	0.66812E-01	-0.12030E-02	-0.66774E-01	-0.12323E-04
137	0.66857E-01	-0.66985E-03	-0.66846E-01	-0.12419E-04
138	0.66887E-01	-0.10110E-03	-0.66888E-01	-0.12930E-04
139	0.66887E-01	-0.12486E-04	-0.66887E-01	-0.12504E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.1900E+01 165

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.35857E-01	0.27750E-01	0.65026E-03	0.25323E+01	0.22605E-01	-0.25266E+01
2	-0.10057E+00	0.27535E-01	-0.14359E-01	0.22115E+01	0.43687E-01	-0.22059E+01
3	-0.17432E+00	0.23427E-01	-0.60673E-02	0.17514E+01	0.63455E-01	-0.17642E+01
4	0.48179E-01	0.14075E-01	0.56170E-01	0.13876E+01	-0.15625E-01	-0.14050E+01
5	-0.94665E-01	0.64664E-02	-0.16662E-01	0.14116E+01	0.26813E-01	-0.14313E+01
6	0.38531E-01	0.28426E-01	0.38793E-01	0.14395E+01	-0.31020E-02	-0.14644E+01
7	0.51587E-01	0.65330E-02	0.27778E-01	0.96998E+00	-0.14368E-01	-0.97463E+00
8	0.10032E+00	0.11706E-01	0.41512E-01	0.97476E+00	-0.30698E-01	-0.10165E+01
9	0.78413E-01	0.22704E+00	0.12270E+00	0.24680E+01	0.13805E-01	-0.24674E+01
10	0.29755E-01	0.24979E+00	0.11163E+00	0.22097E+01	0.24394E-01	-0.22112E+01
11	-0.56603E-01	0.21729E+00	0.41620E-01	0.18586E+01	0.22714E-01	-0.18642E+01
12	0.25382E+00	0.16409E+00	0.16267E+00	0.14921E+01	-0.80386E-01	-0.14650E+01
13	0.54011E-02	0.97904E-01	0.27725E-01	0.15382E+01	0.42771E-02	-0.15633E+01
14	0.22847E+00	0.15279E+00	0.12858E+00	0.15848E+01	-0.44397E-01	-0.16266E+01
15	0.24290E+00	0.48625E-01	0.94887E-01	0.10735E+01	-0.90122E-01	-0.10766E+01
16	0.29582E+00	0.43118E-01	0.96879E-01	0.11233E+01	-0.98088E-01	-0.11704E+01
17	0.39428E-01	0.30939E+00	0.15961E+00	0.23688E+01	0.42499E-01	-0.23745E+01
18	-0.22939E-01	0.35132E+00	0.13439E+00	0.21820E+01	0.98306E-01	-0.21901E+01
19	-0.24006E+00	0.36685E+00	0.46834E-01	0.19443E+01	0.19194E+00	-0.19852E+01
20	0.36473E+00	0.24121E+00	0.21337E+00	0.16605E+01	-0.84092E-01	-0.16292E+01
21	-0.12999E-01	0.31189E+00	0.10964E+00	0.17384E+01	0.10014E+00	-0.18547E+01
22	0.33832E+00	0.61547E+00	0.37299E+00	0.18197E+01	-0.79026E-02	-0.19955E+01
23	0.43617E+00	0.85097E-01	0.15553E+00	0.13052E+01	-0.14978E+00	-0.13390E+01
24	0.88686E+00	0.31496E+00	0.40605E+00	0.14587E+01	-0.28349E+00	-0.14372E+01
25	0.43735E+00	0.31034E+00	0.22529E+00	0.15069E+01	-0.10983E+00	-0.16618E+01
26	0.14400E+01	0.10250E+01	0.89410E+00	0.16492E+01	-0.34842E+00	-0.18559E+01
27	0.69874E-01	0.29923E+00	0.15505E+00	0.22769E+01	0.65690E-01	-0.22686E+01
28	-0.71264E-01	0.36427E+00	0.14125E+00	0.21108E+01	0.17499E+00	-0.21372E+01
29	-0.45579E+00	0.32482E+00	0.43721E-01	0.18464E+01	0.46810E+00	-0.20219E+01
30	0.93396E-01	0.43162E+00	0.18823E+00	0.18128E+01	0.86086E-01	-0.19944E+01
31	-0.86138E-01	0.50521E+00	0.19365E+00	0.17109E+01	0.30466E+00	-0.20773E+01
32	0.17274E+00	0.57387E+00	0.30451E+00	0.16584E+01	0.21564E+00	-0.21128E+01
33	0.10330E+01	0.79193E+00	0.64697E+00	0.17273E+01	-0.18528E+00	-0.19589E+01
34	0.24293E+01	0.17054E+01	0.15545E+01	0.17951E+01	-0.52522E+00	-0.21387E+01
35	0.66224E+00	0.52593E+00	0.37284E+00	0.17786E+01	-0.15937E+00	-0.21375E+01
36	-0.18903E+00	0.34404E-01	-0.10544E+00	0.16554E+01	0.23973E+00	-0.22164E+01
37	0.93212E+00	0.92321E+00	0.64543E+00	0.18485E+01	-0.17219E+00	-0.23032E+01
38	-0.13239E-01	0.17741E+00	0.99018E-01	0.21803E+01	0.93313E-01	-0.20469E+01
39	-0.19695E+00	0.20664E+00	0.10917E+00	0.20512E+01	0.27023E+00	-0.19320E+01
40	-0.52382E+00	0.39453E+00	0.12299E+00	0.17884E+01	0.79157E+00	-0.19787E+01
41	-0.68272E+00	0.90438E-01	0.10333E+00	0.18874E+01	0.70235E+00	-0.18929E+01
42	-0.85414E+00	0.16853E+00	0.19392E+00	0.18058E+01	0.85869E+00	-0.16201E+01
43	-0.25344E+00	0.26329E+00	0.69016E-01	0.16956E+01	0.45519E+00	-0.21224E+01
44	-0.45089E+00	0.14863E+00	0.17945E-01	0.16613E+01	0.72354E+00	-0.17861E+01
45	-0.74927E+00	0.72360E-02	-0.37150E-01	0.17352E+01	0.69360E+00	-0.17758E+01
46	-0.39881E+00	0.28814E+00	0.24666E+00	0.16696E+01	0.49432E+00	-0.15225E+01
47	0.26324E+00	0.51503E+00	0.23640E+00	0.17459E+01	0.17374E+00	-0.23284E+01
48	0.17121E+00	0.49418E+00	0.17261E+00	0.18567E+01	0.16551E+00	-0.23594E+01
49	-0.20068E+00	0.38463E+00	0.65303E-01	0.18231E+01	0.56817E+00	-0.25361E+01
50	-0.16514E+01	-0.19318E+00	-0.63621E+00	0.15625E+01	0.14903E+01	-0.16605E+01
51	-0.23912E+00	-0.86749E-01	-0.27226E+00	0.76016E-01	0.18200E+00	-0.45412E+00
52	-0.86429E+00	-0.32386E+00	-0.51969E+00	-0.62189E+00	0.83262E+00	0.26570E+01
53	-0.67474E+00	0.35570E+00	0.18941E+00	0.14016E+01	0.76684E+00	-0.14091E+01
54	-0.17133E+00	-0.61414E-01	-0.25839E-01	0.20160E+01	0.10021E+00	-0.16525E+01

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55	-0.34058E+00	0.27644E-01	0.30309E-01	0.19357E+01	0.27898E+00	-0.15775E+01
56	-0.87406E+00	0.56310E-01	0.31555E+00	0.17039E+01	0.77561E+00	-0.14009E+01
57	-0.66571E+00	0.69298E-01	0.18890E+00	0.15331E+01	0.56309E+00	-0.13000E+01
58	-0.71999E+00	0.12110E+00	0.26304E+00	0.12375E+01	0.67326E+00	-0.11377E+01
59	-0.10521E-01	-0.52048E-01	0.25744E-01	0.19510E+01	-0.18133E-01	-0.14443E+01
60	-0.39941E+00	-0.34580E+00	-0.13216E+00	0.18272E+01	0.15318E+00	-0.11187E+01
61	-0.28207E+00	-0.25711E+00	-0.77792E-01	0.18147E+01	0.11393E+00	-0.11171E+01
62	-0.21914E+00	-0.38090E+00	-0.16695E+00	0.17508E+01	-0.26093E-01	-0.84649E+00
63	-0.37955E+00	-0.14912E+00	0.52655E-01	0.17804E+01	0.19960E+00	-0.12314E+01
64	-0.45340E+00	-0.38994E+00	-0.42132E-01	0.16121E+01	0.16107E+00	-0.88870E+00
65	-0.80113E+00	-0.33445E-01	0.41919E+00	0.16269E+01	0.52903E+00	-0.11834E+01
66	-0.10074E+01	-0.21561E+00	0.39356E+00	0.14712E+01	0.58750E+00	-0.93559E+00
67	-0.78774E+00	-0.46264E+00	0.39379E+00	0.12369E+01	0.44391E+00	-0.57518E+00
68	-0.75453E+00	-0.39113E-01	0.22914E+00	0.14278E+01	0.44127E+00	-0.10749E+01
69	-0.67324E+00	-0.19295E+00	0.19752E+00	0.13138E+01	0.32571E+00	-0.77341E+00
70	-0.99914E+00	-0.33377E+00	0.50528E-01	0.11433E+01	0.39971E+00	-0.52795E+00
71	-0.85076E+00	-0.79315E-01	0.26485E+00	0.12032E+01	0.47231E+00	-0.82074E+00
72	-0.91847E+00	-0.21148E+00	0.23257E+00	0.10881E+01	0.40185E+00	-0.56964E+00
73	-0.19346E+00	-0.21389E+00	-0.58189E-01	0.15554E+01	0.30486E-01	-0.39487E+00
74	-0.30069E+00	-0.20379E+00	0.98525E-01	0.13752E+01	0.83751E-01	-0.35280E+00
75	-0.61523E+00	-0.19920E+00	0.52534E+00	0.11315E+01	0.22621E+00	-0.29209E+00
76	-0.73541E+00	-0.21133E+00	0.21790E+00	0.12530E+01	0.19079E+00	-0.52873E+00
77	-0.54887E+00	-0.32484E+00	0.19366E+00	0.83428E+00	0.13222E+00	-0.14838E+00
78	-0.51132E+00	-0.81064E-01	0.30866E+00	0.65811E+00	0.14551E+00	-0.83412E-01
79	-0.92458E+00	-0.25923E+00	0.18325E+00	0.87319E+00	0.21205E+00	-0.27884E+00
80	-0.10297E+01	-0.32103E+00	0.75600E-01	0.60169E+00	0.13995E+00	-0.71196E-01
81	-0.53168E+00	-0.13673E+00	0.31345E+00	0.34337E+00	0.13294E+00	-0.29068E-01
82	-0.61276E+00	-0.13565E+00	0.27363E+00	0.28769E+00	0.13083E+00	-0.45534E-01
83	-0.90326E+00	-0.15342E+00	0.22420E+00	0.53224E+00	0.12890E+00	-0.98987E-01
84	-0.11471E+01	-0.30159E+00	0.12371E+00	0.56815E+00	0.23709E+00	-0.90469E-01
85	-0.12879E+01	-0.16796E+00	0.19108E+00	0.86117E+00	0.29471E+00	-0.37033E+00
86	-0.12747E+01	-0.19620E+00	0.25253E+00	0.69916E+00	0.27063E+00	-0.24432E+00
87	-0.95842E+00	-0.22655E+00	0.30040E+00	0.83478E+00	0.40078E+00	-0.28949E+00
88	-0.99514E+00	-0.68915E-01	0.31648E+00	0.92766E+00	0.55681E+00	-0.66337E+00
89	-0.10482E+01	-0.78990E-01	0.33974E+00	0.80276E+00	0.58536E+00	-0.59911E+00
90	-0.12060E+01	-0.13484E+00	0.33721E+00	0.55492E+00	0.62059E+00	-0.25384E+00
91	-0.12705E+01	-0.22967E+00	0.26517E+00	0.55351E+00	0.65995E+00	-0.45715E+00
92	-0.12579E+01	-0.23546E+00	0.30235E+00	0.43172E+00	0.64764E+00	-0.32844E+00
93	-0.79579E+00	0.49306E+00	0.20314E+00	0.99857E+00	0.87367E+00	-0.11053E+01
94	-0.89793E+00	0.41420E-01	0.84382E-01	0.99098E+00	0.78603E+00	-0.10657E+01
95	-0.61977E+00	-0.18336E+00	0.80657E-01	0.70098E+00	0.78742E+00	-0.81995E+00
96	-0.76792E+00	0.45413E-01	0.28706E+00	0.10034E+01	0.73762E+00	-0.84111E+00
97	-0.54112E+00	-0.83083E-01	0.17701E+00	0.81210E+00	0.77857E+00	-0.70492E+00
98	-0.66927E+00	-0.75966E-01	0.29666E+00	0.67974E+00	0.73457E+00	-0.65300E+00
99	-0.70934E+00	0.10091E+00	0.45038E+00	0.79540E+00	0.69274E+00	-0.62171E+00
100	-0.55201E+00	0.89423E-01	0.44825E+00	0.58205E+00	0.72327E+00	-0.50405E+00
101	-0.67168E+00	-0.53348E-01	0.31567E+00	0.43690E+00	0.73559E+00	-0.40620E+00
102	-0.47973E+00	0.10982E+00	0.63178E+00	0.47359E+00	0.68790E+00	-0.37677E+00
103	-0.31668E+00	-0.51038E-01	0.48413E+00	0.12893E+00	0.68191E+00	-0.22622E+00
104	-0.36891E+00	-0.13370E+00	0.43621E+00	0.38552E-01	0.67975E+00	-0.17946E+00
105	-0.84990E+00	0.16270E+00	-0.34192E-01	0.89164E+00	0.10852E+01	-0.10041E+01
106	-0.13546E+01	-0.71076E+00	-0.84967E+00	0.51745E-01	0.11482E+01	-0.51175E+00
107	-0.10239E+01	-0.43486E+00	-0.55030E+00	0.45745E+00	0.11099E+01	-0.70961E+00
108	-0.83872E+00	-0.37800E+00	-0.43294E+00	0.47249E+00	0.10764E+01	-0.71930E+00
109	-0.77006E+00	-0.32871E+00	-0.44389E+00	0.13601E+00	0.10829E+01	-0.51333E+00
110	-0.71105E-01	0.23539E+00	0.14051E+00	0.70384E+00	0.10123E+01	-0.75657E+00
111	0.14087E+00	0.21089E+00	0.13786E+00	0.50281E+00	0.97325E+00	-0.44220E+00
112	0.15523E+00	0.22191E+00	0.16274E+00	0.78770E+00	0.96799E+00	-0.43871E+00
113	0.34964E+00	0.35441E+00	0.45567E+00	0.83591E+00	0.84355E+00	-0.83427E+00
114	0.34808E+00	0.34082E+00	0.31340E+00	0.70303E+00	0.82392E+00	-0.42909E+00

115	0.38262E+00	0.35801E+00	0.38254E+00	0.12279E+01	0.80662E+00	-0.41738E+00
116	0.20269E+00	0.32742E+00	0.45946E+00	0.94537E+00	0.67254E+00	-0.71987E+00
117	-0.42971E-01	0.10369E+00	0.20520E+00	0.10253E+01	0.61296E+00	-0.39138E+00
118	-0.41896E-02	0.12165E+00	0.28419E+00	0.88172E+00	0.59286E+00	-0.36331E+00
119	0.31211E-01	0.29142E+00	0.47381E+00	0.73405E+00	0.50753E+00	-0.54772E+00
120	-0.13924E+00	0.44472E-01	0.26639E+00	0.72646E+00	0.46522E+00	-0.32493E+00
121	-0.11401E+00	0.56339E-01	0.31760E+00	0.60848E+00	0.45223E+00	-0.28692E+00
122	0.11289E+00	0.37935E+00	0.61286E+00	0.58951E+00	0.38903E+00	-0.42977E+00
123	0.78289E-01	0.17624E+00	0.48790E+00	0.46391E+00	0.35143E+00	-0.23968E+00
124	0.90345E-01	0.13047E+00	0.51341E+00	0.33516E+00	0.34471E+00	-0.19491E+00
125	-0.49764E-02	0.73166E-01	0.48294E+00	0.27253E+00	0.31340E+00	-0.24443E+00
126	0.16576E+00	0.22629E+00	0.57814E+00	0.16664E+00	0.29783E+00	-0.13427E+00
127	0.15563E+00	0.22398E+00	0.53012E+00	0.48286E-01	0.29677E+00	-0.10082E+00
128	0.34336E+00	0.28725E+00	0.69776E+00	0.10692E+00	0.25904E+00	-0.14536E+00
129	0.72375E+00	0.57081E+00	0.94215E+00	-0.25590E-01	0.21719E+00	-0.44073E-01
130	-0.10394E+01	0.27349E+00	-0.76750E-01	0.14650E+01	0.11431E+01	-0.16565E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.1900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.23017E+00	-0.15345E+01	0.13043E+01	0.21464E+02	-0.40346E+00	-0.90730E+01
131	-0.13696E-01	-0.91323E-01	0.77625E-01	0.53666E+02	0.15431E+01	-0.26022E+02
132	-0.61722E-01	-0.41148E+00	0.34976E+00	0.90738E+02	0.19565E+01	-0.45486E+02
133	-0.21496E-01	-0.14331E+00	0.12181E+00	-0.13303E+03	0.19597E+01	-0.68092E+02
134	-0.52569E-01	-0.35046E+00	0.29789E+00	0.18153E+03	0.11488E+01	-0.96600E+02
135	-0.12176E+00	-0.81173E+00	0.68997E+00	0.21830E+03	-0.67329E+00	-0.12327E+03
136	-0.40474E-01	-0.26983E+00	0.22935E+00	0.24925E+03	-0.88324E+00	-0.14273E+03
137	-0.21596E-01	-0.14398E+00	0.12238E+00	0.24453E+03	-0.57273E+01	-0.15094E+03
138	-0.22658E+00	-0.15106E+01	0.10936E+01	0.25355E+03	-0.30431E+02	-0.16431E+03
139	0.17650E+00	0.11767E+01	-0.16514E+01	0.24584E+03	-0.81913E+02	-0.17252E+03
140	0.86103E+00	0.57402E+01	-0.48792E+01	0.31657E+03	-0.99141E+02	-0.19742E+03
141	0.82902E+00	0.55268E+01	-0.46978E+01	0.31824E+03	-0.10209E+03	-0.21039E+03
142	0.95156E+00	0.63437E+01	-0.53921E+01	0.33640E+03	-0.10170E+03	-0.22539E+03
143	0.97669E+00	0.65113E+01	-0.55346E+01	-0.13016E+03	-0.17065E+03	0.24178E+03
144	0.10902E+01	0.72652E+01	-0.61780E+01	-0.12549E+03	-0.16299E+03	0.23214E+03
145	-0.29925E+00	-0.19950E+01	0.23014E+01	0.85226E+02	-0.11259E+03	0.47948E+03
146	-0.12672E+00	-0.84483E+00	0.19195E+01	0.96680E+02	-0.83292E+02	0.40092E+03
147	-0.13223E+00	-0.88155E+00	0.19003E+01	0.91326E+02	-0.88335E+02	0.39617E+03
148	-0.13351E+00	-0.92340E+00	-0.74441E+00	0.88656E+02	-0.93579E+02	0.39692E+03
149	-0.14568E+00	-0.97121E+00	-0.71990E+00	0.85245E+02	-0.99625E+02	0.40305E+03
150	-0.16989E+00	-0.11336E+01	-0.39081E+00	0.61497E+02	-0.11298E+03	0.39338E+03
151	-0.20314E+00	-0.13543E+01	-0.95665E+01	0.54200E+02	-0.12842E+03	0.40160E+03
152	-0.17723E+00	-0.11515E+01	-0.17053E+02	0.53333E+02	-0.11113E+03	0.39880E+03
153	-0.13845E+00	-0.92303E+00	-0.15099E+02	0.43351E+02	-0.86563E+02	0.39027E+03
154	-0.53256E-01	-0.35506E+00	-0.28943E+02	0.33785E+02	-0.30731E+02	0.38004E+03
155	0.68174E-01	0.45449E+00	-0.23797E+02	0.36367E+02	0.51280E+02	0.35629E+03
156	0.16716E+00	0.11144E+01	-0.20236E+02	0.24542E+02	0.11604E+03	0.33119E+03
157	0.24729E+00	0.16456E+01	-0.16157E+02	0.20678E+02	0.16932E+03	0.29577E+03
158	0.31124E+00	0.20750E+01	-0.13400E+02	0.13129E+02	0.21118E+03	0.26147E+03
159	0.35995E+00	0.23997E+01	-0.94412E+01	-0.85541E+00	0.24182E+03	0.21786E+03
160	0.39307E+00	0.26205E+01	-0.64573E+01	-0.52996E+01	0.26342E+03	0.17724E+03
161	0.45464E+00	0.30309E+01	-0.30912E+01	-0.11767E+02	0.28443E+03	0.12759E+03
162	0.46882E+00	0.31255E+01	0.10123E-01	-0.12990E+02	0.27502E+03	0.91889E+02
163	0.53974E+00	0.35982E+01	0.34421E+00	-0.18515E+02	0.31609E+03	0.66666E+02
164	0.53717E+00	0.35811E+01	0.13813E+01	-0.33668E+02	0.31230E+03	0.49106E+02

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165	0.31119E+03	0.47213E+02	0.13133E+00	0.17414E+02	0.31865E+03	0.39975E+02
166	0.25490E+03	0.35553E+02	0.33859E+01	0.13167E+02	0.29628E+03	0.35973E+02
167	0.20374E+03	0.26339E+02	0.44918E+01	0.10667E+02	0.25323E+03	0.32668E+02
168	0.15695E+03	0.19255E+02	0.45489E+01	0.81600E+01	0.20899E+03	0.29870E+02
169	0.10135E+03	0.98526E+01	0.54771E+01	0.53322E+01	0.17923E+03	0.26738E+02
170	0.45879E+02	-0.38378E+00	0.72944E+01	0.31929E+01	0.16022E+03	0.23157E+02
171	-0.10808E+02	-0.10187E+02	0.83682E+01	-0.34712E+00	0.12529E+03	0.18183E+02
172	-0.44709E+02	-0.14714E+02	0.76568E+01	-0.39639E+01	0.79036E+02	0.12918E+02
173	-0.45896E+02	-0.12000E+02	0.47872E+01	-0.60108E+01	0.38404E+02	0.94150E+01
174	-0.27736E+02	-0.58868E+01	0.15509E+01	-0.64981E+01	0.93929E+01	0.73340E+01
175	-0.66517E+01	-0.63705E+00	-0.35391E+00	-0.50650E+01	0.22412E+01	0.68443E+01
176	0.10305E+01	0.71290E+00	-0.51145E+00	-0.36161E+01	0.61338E+01	0.67071E+01
177	0.17646E+01	0.53014E+00	-0.23837E+00	-0.25033E+01	0.86086E+01	0.56426E+01
178	0.59182E+00	0.93713E-01	-0.50964E-02	-0.17340E+01	0.68379E+01	0.40988E+01
179	-0.12232E+00	-0.53900E-01	0.30284E-01	-0.13684E+01	0.48662E+01	0.28922E+01
180	-0.16798E-01	-0.28927E-01	0.22794E-01	-0.97506E+00	0.28242E+01	0.17448E+01
181	-0.55343E-01	-0.48174E-01	0.34057E-01	-0.65010E+00	0.12768E+01	0.62449E+00
182	0.18844E+00	0.87512E-01	-0.51519E-01	-0.17909E+00	-0.26647E+00	0.11339E-02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.32131E-01	0.35922E-04	0.32441E-01	0.00000E+00
3	-0.60404E-01	-0.12806E-03	0.60402E-01	0.00000E+00
4	-0.67598E-01	-0.14597E-03	0.67399E-01	0.00000E+00
5	-0.77557E-01	-0.40448E-05	0.77534E-01	0.00000E+00
6	-0.84344E-01	-0.65345E-05	0.84348E-01	0.00000E+00
7	-0.77023E-01	-0.82283E-03	0.77649E-01	0.00000E+00
8	-0.84556E-01	-0.71311E-03	0.84607E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.31514E-01	-0.41202E-03	0.31440E-01	0.00000E+00
11	-0.59543E-01	-0.10114E-02	0.59556E-01	0.00000E+00
12	-0.67051E-01	-0.12450E-02	0.67112E-01	0.00000E+00
13	-0.77708E-01	-0.12319E-02	0.77778E-01	0.00000E+00
14	-0.85067E-01	-0.11081E-02	0.85306E-01	0.00000E+00
15	-0.78129E-01	-0.19105E-02	0.78699E-01	0.00000E+00
16	-0.85920E-01	-0.16085E-02	0.86510E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.30580E-01	-0.65569E-03	0.31073E-01	0.00000E+00
19	-0.58790E-01	-0.16753E-02	0.59514E-01	0.00000E+00
20	-0.66863E-01	-0.20938E-02	0.67571E-01	0.00000E+00
21	-0.78534E-01	-0.21008E-02	0.79434E-01	0.00000E+00
22	-0.87157E-01	-0.18610E-02	0.88285E-01	0.00000E+00
23	-0.79139E-01	-0.25829E-02	0.80580E-01	0.00000E+00
24	-0.88829E-01	-0.20212E-02	0.90759E-01	0.00000E+00
25	-0.89523E-01	-0.23734E-02	0.92313E-01	0.00000E+00
26	-0.90420E-01	-0.23656E-02	0.93251E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.29379E-01	-0.44620E-03	0.29640E-01	0.00000E+00
29	-0.57392E-01	-0.14185E-02	0.57753E-01	0.00000E+00
30	-0.66082E-01	-0.19839E-02	0.66550E-01	0.00000E+00
31	-0.79340E-01	-0.24451E-02	0.81104E-01	0.00000E+00
32	-0.91016E-01	-0.22368E-02	0.94246E-01	0.00000E+00
33	-0.79290E-01	-0.24534E-02	0.81002E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.29005E-01	-0.24263E-03	0.23846E-01	0.00000E+00
36	-0.56839E-01	-0.94761E-03	0.56438E-01	0.00000E+00
37	-0.65562E-01	-0.13626E-02	0.65050E-01	0.00000E+00
38	-0.79200E-01	-0.19832E-02	0.80544E-01	0.00000E+00
39	-0.91785E-01	-0.23913E-02	0.93721E-01	0.00000E+00
40	-0.91630E-01	-0.23865E-02	0.95403E-01	0.00000E+00
41	-0.91476E-01	-0.23805E-02	0.95100E-01	0.00000E+00
42	-0.91309E-01	-0.23661E-02	0.94745E-01	0.00000E+00
43	-0.64435E-01	-0.25538E-03	0.60590E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.27571E-01	0.34392E-03	0.24474E-01	0.00000E+00
46	-0.54366E-01	0.42651E-03	0.47933E-01	0.00000E+00
47	-0.91823E-01	-0.23911E-02	0.95781E-01	0.00000E+00
48	-0.91836E-01	-0.23915E-02	0.95828E-01	0.00000E+00
49	-0.79135E-01	-0.18201E-02	0.80238E-01	0.00000E+00
50	-0.91894E-01	-0.24169E-02	0.96141E-01	0.00000E+00
51	-0.77745E-01	-0.75263E-03	0.73977E-01	0.00000E+00
52	-0.89502E-01	-0.24106E-02	0.66367E-01	0.00000E+00
53	-0.91776E-01	-0.23769E-02	0.95627E-01	0.00000E+00
54	-0.62642E-01	0.19348E-03	0.55196E-01	0.00000E+00
55	-0.75467E-01	-0.35571E-03	0.66368E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.25945E-01	0.94257E-03	0.13970E-01	0.00000E+00
58	-0.51082E-01	0.12966E-02	0.38009E-01	0.00000E+00
59	-0.86042E-01	-0.12292E-02	0.76728E-01	0.00000E+00
60	-0.88622E-01	-0.20926E-02	0.83419E-01	0.00000E+00
61	-0.91912E-01	-0.24350E-02	0.96323E-01	0.00000E+00
62	-0.58792E-01	0.15428E-02	0.43631E-01	0.00000E+00
63	-0.70170E-01	0.13970E-02	0.52282E-01	0.00000E+00
64	-0.90163E-01	-0.24452E-02	0.87024E-01	0.00000E+00
65	-0.91929E-01	-0.24525E-02	0.96502E-01	0.00000E+00
66	-0.92064E-01	-0.24868E-02	0.96861E-01	0.00000E+00
67	-0.92201E-01	-0.25197E-02	0.97226E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.24561E-01	0.10277E-02	0.14211E-01	0.00000E+00
70	-0.47435E-01	0.21765E-02	0.28154E-01	0.00000E+00
71	-0.80633E-01	0.11628E-02	0.60488E-01	0.00000E+00
72	-0.90300E-01	-0.24418E-02	0.85138E-01	0.00000E+00
73	-0.64816E-01	0.26722E-02	0.38862E-01	0.00000E+00
74	-0.93264E-01	-0.26414E-02	0.87926E-01	0.00000E+00
75	-0.92316E-01	-0.25439E-02	0.97567E-01	0.00000E+00
76	-0.93051E-01	-0.25838E-02	0.98185E-01	0.00000E+00
77	-0.74010E-01	0.24635E-02	0.46425E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.23356E-01	0.13456E-02	0.98819E-02	0.00000E+00
80	-0.43985E-01	0.27031E-02	0.18710E-01	0.00000E+00
81	-0.49775E-01	0.33793E-02	0.21311E-01	0.00000E+00
82	-0.58803E-01	0.34730E-02	0.25628E-01	0.00000E+00
83	-0.90154E-01	0.56167E-03	0.68395E-01	0.00000E+00
84	-0.77307E-01	0.29248E-02	0.37946E-01	0.00000E+00
85	-0.94608E-01	-0.26358E-02	0.99001E-01	0.00000E+00
86	-0.96595E-01	-0.26292E-02	0.91217E-01	0.00000E+00
87	-0.67099E-01	0.35010E-02	0.29883E-01	0.00000E+00
88	-0.94294E-01	-0.11799E-02	0.80282E-01	0.00000E+00
89	-0.96013E-01	-0.26773E-02	0.99795E-01	0.00000E+00
90	-0.48155E-01	0.21518E-02	0.90897E-02	0.00000E+00
91	-0.52300E-01	0.19355E-02	0.93156E-02	0.00000E+00
92	-0.55179E-01	0.16684E-02	0.93698E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.17177E-01	0.00000E+00	-0.24118E-02	0.00000E+00
95	-0.31673E-01	0.00000E+00	-0.41103E-02	0.00000E+00
96	-0.35079E-01	0.00000E+00	-0.44988E-02	0.00000E+00
97	-0.39482E-01	0.00000E+00	-0.41600E-02	0.00000E+00
98	-0.41158E-01	0.00000E+00	-0.38863E-02	0.00000E+00
99	-0.46133E-01	0.12517E-02	0.29396E-02	0.00000E+00
100	-0.60030E-01	0.18940E-02	0.14373E-01	0.00000E+00
101	-0.85397E-01	0.19394E-02	0.41736E-01	0.00000E+00
102	-0.99725E-01	-0.27177E-02	0.10095E+00	0.00000E+00
103	-0.95753E-01	0.13321E-03	0.72631E-01	0.00000E+00
104	-0.10229E+00	-0.27038E-02	0.95515E-01	0.00000E+00
105	-0.10284E+00	-0.27506E-02	0.10202E+00	0.00000E+00
106	-0.99793E-01	-0.31322E-03	0.75812E-01	0.00000E+00
107	-0.10670E+00	-0.29109E-02	0.98709E-01	0.00000E+00
108	-0.10552E+00	-0.27565E-02	0.10300E+00	0.00000E+00
109	-0.10770E+00	-0.27513E-02	0.10386E+00	0.00000E+00
110	-0.10551E+00	-0.10823E-02	0.79820E-01	0.00000E+00
111	-0.11009E+00	-0.31642E-02	0.10117E+00	0.00000E+00
112	-0.10953E+00	-0.27298E-02	0.10460E+00	0.00000E+00
113	-0.10791E+00	-0.13729E-02	0.85132E-01	0.00000E+00
114	-0.11086E+00	-0.26878E-02	0.10519E+00	0.00000E+00
115	-0.11130E+00	-0.26376E-02	0.10564E+00	0.00000E+00
116	-0.11226E+00	-0.25812E-02	0.10590E+00	0.00000E+00

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117	-0.11136E+00	-0.31024E-02	0.10237E+00	0.00000E+00
118	-0.11228E+00	-0.35526E-02	0.10599E+00	0.00000E+00
119	-0.11225E+00	-0.24987E-02	0.10603E+00	0.00000E+00
120	-0.11259E+00	-0.29351E-02	0.10340E+00	0.00000E+00
121	-0.11215E+00	-0.24202E-02	0.10603E+00	0.00000E+00
122	-0.11214E+00	-0.23530E-02	0.10615E+00	-0.16674E-04
123	-0.11209E+00	-0.22035E-02	0.10624E+00	-0.30454E-04
124	-0.11200E+00	-0.19676E-02	0.10633E+00	-0.47274E-04
125	-0.11184E+00	-0.16112E-02	0.10642E+00	-0.69047E-04
126	-0.11143E+00	-0.74214E-03	0.10657E+00	-0.10004E-03
127	-0.11091E+00	0.34653E-03	0.10672E+00	-0.11334E-03
128	-0.10980E+00	0.28449E-02	0.10702E+00	-0.10572E-03
129	-0.10896E+00	0.48671E-02	0.10750E+00	-0.75720E-04
130	-0.10842E+00	0.62365E-02	0.10760E+00	-0.34386E-04
131	-0.10837E+00	0.65177E-02	0.10806E+00	0.16554E-04
132	-0.10878E+00	0.52450E-02	0.10847E+00	0.34841E-04
133	-0.10920E+00	0.37418E-02	0.10885E+00	0.30166E-04
134	-0.10944E+00	0.26784E-02	0.10915E+00	0.19091E-04
135	-0.10957E+00	0.20306E-02	0.10940E+00	0.13234E-04
136	-0.10966E+00	0.14278E-02	0.10958E+00	0.14762E-04
137	-0.10971E+00	0.79629E-03	0.10969E+00	0.14906E-04
138	-0.10975E+00	0.12188E-03	0.10975E+00	0.15767E-04
139	-0.10975E+00	0.14959E-04	0.10975E+00	0.14992E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2000E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.85663E-01	-0.74701E-02	0.56548E-01	-0.39065E+01	-0.47266E-01	0.39182E+01
2	0.19001E+00	-0.16223E-01	0.95971E-01	-0.34915E+01	-0.80022E-01	0.34348E+01
3	0.29275E+00	-0.14587E-01	0.58290E-01	-0.28469E+01	-0.76552E-01	0.28614E+01
4	-0.90162E-01	-0.47600E-02	-0.13700E+00	-0.23055E+01	0.56161E+01	0.23716E+01
5	0.15909E+00	0.51025E-02	0.46871E-01	-0.23305E+01	-0.19127E-01	0.23851E+01
6	-0.57766E-01	-0.21460E-01	-0.15710E-01	-0.23828E+01	0.17577E-01	0.24300E+01
7	-0.79403E-01	-0.29020E-02	-0.18018E-01	-0.16763E+01	0.28716E-01	0.16822E+01
8	-0.17260E+00	-0.13392E-01	-0.41780E-01	-0.16741E+01	0.63087E-01	0.17402E+01
9	-0.27254E-01	-0.22865E+00	-0.87623E-01	-0.38043E+01	-0.19288E-01	0.33338E+01
10	0.47997E-01	-0.27827E+00	-0.51105E-01	-0.34712E+01	-0.30251E-01	0.35041E+01
11	0.12956E+00	-0.25317E+00	0.62642E-01	-0.29721E+01	-0.64555E-02	0.30160E+01
12	-0.37255E+00	-0.21479E+00	-0.18423E+00	-0.24315E+01	0.14816E+00	0.24240E+01
13	0.79022E-04	-0.13824E+00	0.19979E-01	-0.24971E+01	0.14566E-01	0.25659E+01
14	-0.30250E+00	-0.15905E+00	-0.84522E-01	-0.25631E+01	0.97078E-01	0.26705E+01
15	-0.39337E+00	-0.67795E-01	-0.11019E+00	-0.18043E+01	0.16525E+00	0.18248E+01
16	-0.48269E+00	-0.64600E-01	-0.10383E+00	-0.18795E+01	0.18559E+00	0.19637E+01
17	0.26131E-01	-0.19944E+00	-0.53365E-01	-0.36566E+01	-0.59665E-01	0.37186E+01
18	0.15774E+00	-0.28198E+00	-0.10595E-01	-0.34179E+01	-0.13429E+00	0.34880E+01
19	0.35585E+00	-0.33333E+00	0.96311E-01	-0.30458E+01	-0.24411E+00	0.31993E+01
20	-0.49145E+00	-0.27623E+00	-0.18851E+00	-0.26158E+01	0.16442E+00	0.26644E+01
21	0.72148E-01	-0.30239E+00	-0.40732E-02	-0.27333E+01	-0.12237E+00	0.30076E+01
22	-0.45650E+00	-0.58557E+00	-0.30797E+00	-0.28483E+01	0.53315E-01	0.32276E+01
23	-0.65703E+00	-0.66425E-01	-0.13776E+00	-0.21104E+01	0.27261E+00	0.22187E+01
24	-0.13756E+01	-0.40638E+00	-0.52162E+00	-0.22992E+01	0.49282E+00	0.23630E+01
25	-0.60536E+00	-0.21211E+00	-0.13360E+00	-0.23970E+01	0.21674E+00	0.27135E+01
26	-0.19452E+01	-0.10355E+01	-0.97025E+00	-0.25290E+01	0.60095E+00	0.30169E+01
27	0.18281E+00	-0.70938E-01	0.14514E-01	-0.35436E+01	-0.95302E-01	0.35784E+01
28	0.25661E+00	-0.17006E+00	0.35712E-01	-0.33322E+01	-0.25222E+00	0.34224E+01
29	0.62658E+00	-0.24599E+00	0.11154E+00	-0.29314E+01	-0.67197E+00	0.32605E+01
30	-0.80706E-01	-0.33532E+00	-0.58127E-01	-0.28770E+01	-0.93901E-01	0.32209E+01
31	0.25747E+00	-0.38039E+00	-0.49015E-02	-0.27448E+01	-0.43969E+00	0.33558E+01
32	-0.12469E+00	-0.50007E+00	-0.18456E+00	-0.26769E+01	-0.29395E+00	0.34102E+01
33	-0.14411E+01	-0.77078E+00	-0.67644E+00	-0.27952E+01	0.33721E+00	0.31805E+01
34	-0.36123E+01	-0.22380E+01	-0.21057E+01	-0.29463E+01	0.86654E+00	0.34625E+01
35	-0.68267E+00	-0.28260E+00	-0.14670E+00	-0.29408E+01	0.27265E+00	0.34616E+01
36	0.41011E+00	0.22259E+00	0.42978E+00	-0.27039E+01	-0.33372E+00	0.35849E+01
37	-0.11611E+01	-0.99175E+00	-0.63052E+00	-0.30355E+01	0.29421E+00	0.37152E+01
38	0.26204E+00	0.17397E+00	0.12955E+00	-0.34368E+01	-0.13723E+00	0.32581E+01
39	0.47832E+00	0.12054E+00	0.97270E-01	-0.32698E+01	-0.40153E+00	0.31217E+01
40	0.77401E+00	-0.16233E+00	0.42813E-02	-0.28881E+01	-0.11811E+01	0.31949E+01
41	0.10054E+01	0.31609E+00	0.31855E-01	-0.30459E+01	-0.10516E+01	0.30918E+01
42	0.13140E+01	0.14136E+00	-0.11650E+00	-0.29073E+01	-0.12990E+01	0.26585E+01
43	0.52836E+00	-0.20001E-01	0.16870E+00	-0.27519E+01	-0.67687E+00	0.34315E+01
44	0.87394E+00	0.15316E+00	0.26313E+00	-0.26898E+01	-0.10855E+01	0.29235E+01
45	0.13521E+01	0.38207E+00	0.35724E+00	-0.28181E+01	-0.10572E+01	0.29107E+01
46	0.73673E+00	-0.97233E-01	-0.13929E+00	-0.27035E+01	-0.75223E+00	0.25320E+01
47	-0.22614E+00	-0.43156E+00	-0.67427E-01	-0.28678E+01	-0.23658E+00	0.37558E+01
48	0.70669E-01	-0.30342E+00	0.13299E+00	-0.30530E+01	-0.25632E+00	0.38006E+01
49	0.49761E+00	-0.25447E+00	0.18941E+00	-0.29769E+01	-0.85831E+00	0.40691E+01
50	0.23684E+01	0.68099E+00	0.13487E+01	-0.25402E+01	-0.22686E+01	0.27290E+01
51	0.51337E+00	0.30404E+00	0.63227E+00	-0.12357E+00	-0.28462E+00	0.74150E+00
52	0.15797E+01	0.82597E+00	0.11205E+01	0.95058E+00	-0.12632E+01	-0.39494E+01
53	0.12075E+01	-0.26070E+00	-0.26979E-01	-0.22811E+01	-0.11872E+01	0.23480E+01
54	0.51650E+00	0.55453E+00	0.31949E+00	-0.32485E+01	-0.16290E+00	0.26499E+01

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55	0.72990E+00	0.42323E+00	0.14137E+00	-0.31198E+01	-0.45144E+00	0.25855E+01
56	0.13483E+01	0.30847E+00	-0.34681E+00	-0.27682E+01	-0.12505E+01	0.23354E+01
57	0.11786E+01	0.23429E+00	-0.62241E-01	-0.24873E+01	-0.90913E+00	0.21890E+01
58	0.12822E+01	0.11430E+00	-0.15642E+00	-0.20995E+01	-0.10804E+01	0.19528E+01
59	0.33859E+00	0.56999E+00	0.27748E+00	-0.31711E+01	0.30556E-01	0.23145E+01
60	0.82437E+00	0.57311E+00	0.47866E+00	-0.29957E+01	-0.27739E+00	0.17288E+01
61	0.67873E+00	0.75316E+00	0.32494E+00	-0.29736E+01	-0.22897E+00	0.17231E+01
62	0.46726E+00	0.79615E+00	0.37198E+00	-0.23546E+01	0.47643E-01	0.12030E+01
63	0.84032E+00	0.55504E+00	0.15437E+00	-0.28986E+01	-0.37737E+00	0.19982E+01
64	0.89350E+00	0.85843E+00	0.18051E+00	-0.26275E+01	-0.31918E+00	0.13718E+01
65	0.13835E+01	0.49336E+00	-0.51924E+00	-0.26977E+01	-0.10291E+01	0.20174E+01
66	0.17322E+01	0.61843E+00	-0.57486E+00	-0.23765E+01	-0.11444E+01	0.15275E+01
67	0.13682E+01	0.85215E+00	-0.67647E+00	-0.20458E+01	-0.86867E+00	0.89541E+00
68	0.14357E+01	0.44436E+00	-0.10322E+00	-0.23547E+01	-0.85762E+00	0.18453E+01
69	0.12401E+01	0.55014E+00	-0.18489E+00	-0.22025E+01	-0.64539E+00	0.13495E+01
70	0.17440E+01	0.74223E+00	-0.30401E-01	-0.18866E+01	-0.78088E+00	0.89543E+00
71	0.15107E+01	0.37679E+00	-0.23283E+00	-0.20179E+01	-0.92485E+00	0.14627E+01
72	0.16643E+01	0.50505E+00	-0.26466E+00	-0.18152E+01	-0.79917E+00	0.10247E+01
73	0.40657E+00	0.45774E+00	0.16217E+00	-0.24893E+01	-0.47139E-01	0.45384E+00
74	0.60243E+00	0.42934E+00	-0.10981E+00	-0.21837E+01	-0.13527E+00	0.42768E+00
75	0.11511E+01	0.40872E+00	-0.86508E+00	-0.17975E+01	-0.37963E+00	0.38156E+00
76	0.13791E+01	0.49684E+00	-0.27901E+00	-0.20132E+01	-0.34902E+00	0.90236E+00
77	0.97247E+00	0.53588E+00	-0.33362E+00	-0.13142E+01	-0.22460E+00	0.13079E+00
78	0.91921E+00	0.16761E+00	-0.50020E+00	-0.10473E+01	-0.24025E+00	0.67526E-01
79	0.16245E+01	0.48101E+00	-0.27924E+00	-0.14104E+01	-0.40344E+00	0.45636E+00
80	0.17249E+01	0.48903E+00	-0.17426E+00	-0.96153E+00	-0.21186E+00	0.32812E-01
81	0.92473E+00	0.21947E+00	-0.53823E+00	-0.53454E+00	-0.21846E+00	0.13755E-02
82	0.10322E+01	0.22173E+00	-0.47785E+00	-0.46501E+00	-0.20621E+00	0.55984E-01
83	0.15400E+01	0.24951E+00	-0.39688E+00	-0.86297E+00	-0.19299E+00	0.13925E+00
84	0.19395E+01	0.48186E+00	-0.23325E+00	-0.93390E+00	-0.45787E+00	0.11271E+00
85	0.22526E+01	0.40196E+00	-0.22941E+00	-0.14061E+01	-0.60289E+00	0.70265E+00
86	0.21740E+01	0.34740E+00	-0.37141E+00	-0.11420E+01	-0.57120E+00	0.48741E+00
87	0.16214E+01	0.33970E+00	-0.47865E+00	-0.14070E+01	-0.80917E+00	0.54737E+00
88	0.17526E+01	0.29534E+00	-0.31859E+00	-0.15616E+01	-0.10990E+01	0.11996E+01
89	0.18912E+01	0.31444E+00	-0.29285E+00	-0.13927E+01	-0.11739E+01	0.11291E+01
90	0.20570E+01	0.28276E+00	-0.41604E+00	-0.97521E+00	-0.12332E+01	0.49056E+00
91	0.22282E+01	0.47950E+00	-0.18304E+00	-0.97624E+00	-0.13312E+01	0.85286E+00
92	0.21738E+01	0.42359E+00	-0.26298E+00	-0.78005E+00	-0.13184E+01	0.62663E+00
93	0.14170E+01	-0.50622E+00	-0.34522E-01	-0.16227E+01	-0.13703E+01	0.19039E+01
94	0.15513E+01	0.18645E+00	0.13199E+00	-0.16231E+01	-0.12511E+01	0.18013E+01
95	0.11010E+01	0.51748E+00	0.15803E+00	-0.11661E+01	-0.12354E+01	0.13825E+01
96	0.13582E+01	0.17992E+00	-0.17155E+00	-0.16485E+01	-0.11733E+01	0.15031E+01
97	0.95968E+00	0.32584E+00	-0.36550E-02	-0.13565E+01	-0.12252E+01	0.12102E+01
98	0.11852E+01	0.28670E+00	-0.19217E+00	-0.11282E+01	-0.11548E+01	0.11386E+01
99	0.12039E+01	-0.37029E-01	-0.48418E+00	-0.13042E+01	-0.11087E+01	0.11499E+01
100	0.99552E+00	-0.23715E-01	-0.43526E+00	-0.97238E+00	-0.11398E+01	0.89093E+00
101	0.12058E+01	0.19293E+00	-0.20541E+00	-0.75749E+00	-0.11613E+01	0.70792E+00
102	0.94257E+00	-0.92126E-01	-0.68096E+00	-0.79151E+00	-0.10950E+01	0.70543E+00
103	0.66525E+00	0.14545E+00	-0.45672E+00	-0.26351E+00	-0.10546E+01	0.37724E+00
104	0.72469E+00	0.27926E+00	-0.40092E+00	-0.10636E+00	-0.10528E+01	0.29064E+00
105	0.15211E+01	0.47142E-01	0.35959E+00	-0.14316E+01	-0.16405E+01	0.17327E+01
106	0.22551E+01	0.13033E+01	0.15530E+01	-0.74894E-01	-0.17402E+01	0.85055E+00
107	0.17943E+01	0.98710E+00	0.11501E+01	-0.73890E+00	-0.16774E+01	0.12144E+01
108	0.14880E+01	0.86658E+00	0.96034E+00	-0.76382E+00	-0.16201E+01	0.12303E+01
109	0.13052E+01	0.63459E+00	0.90563E+00	-0.23952E+00	-0.16266E+01	0.85384E+00
110	0.23919E+00	-0.13765E+00	0.36796E-01	-0.11294E+01	-0.15087E+01	0.13022E+01
111	-0.17651E+00	-0.20521E+00	-0.33876E-01	-0.80417E+00	-0.14318E+01	0.73507E+00
112	-0.20137E+00	-0.22303E+00	-0.73163E-01	-0.12727E+01	-0.14245E+01	0.72888E+00
113	-0.44176E+00	-0.34473E+00	-0.45472E+00	-0.13530E+01	-0.12269E+01	0.13995E+01
114	-0.51380E+00	-0.42356E+00	-0.30912E+00	-0.11350E+01	-0.11852E+01	0.71205E+00

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115	-0.57284E+00	-0.45891E+00	-0.42143E+00	-0.20046E+01	-0.11586E+01	0.69212E+00
116	-0.19829E+00	-0.31491E+00	-0.44757E+00	-0.15365E+01	-0.94030E+00	0.12279E+01
117	0.15732E+00	-0.26064E-01	-0.97571E-01	-0.16800E+01	-0.82695E+00	0.64775E+00
118	0.89885E-01	-0.64210E-01	-0.22801E+00	-0.14476E+01	-0.79545E+00	0.60029E+00
119	0.64045E-01	-0.32677E+00	-0.48822E+00	-0.11990E+01	-0.66026E+00	0.93136E+00
120	0.34622E+00	0.79279E-01	-0.16767E+00	-0.12016E+01	-0.57633E+00	0.53551E+00
121	0.30073E+00	0.51529E-01	-0.25366E+00	-0.10115E+01	-0.55609E+00	0.47120E+00
122	-0.65590E-01	-0.52099E+00	-0.71877E+00	-0.96327E+00	-0.45798E+00	0.73496E+00
123	0.53652E-01	-0.10728E+00	-0.48112E+00	-0.78560E+00	-0.38031E+00	0.39177E+00
124	0.29822E-01	-0.12226E+00	-0.52571E+00	-0.58143E+00	-0.36993E+00	0.31576E+00
125	0.11420E+00	-0.10635E+00	-0.53516E+00	-0.46583E+00	-0.33203E+00	0.39564E+00
126	-0.40263E-01	-0.16837E+00	-0.59460E+00	-0.31668E+00	-0.29669E+00	0.21481E+00
127	-0.43189E-01	-0.17063E+00	-0.59966E+00	-0.93612E-01	-0.29562E+00	0.15720E+00
128	-0.40292E+00	-0.39589E+00	-0.84862E+00	-0.20920E+00	-0.24401E+00	0.22669E+00
129	-0.91817E+00	-0.71164E+00	-0.11587E+01	-0.15731E-01	-0.17520E+00	0.67360E-01
183	0.18306E+01	-0.10161E+00	0.42980E+00	-0.23722E+01	-0.17315E+01	0.27247E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.37903E+00	0.25269E+01	-0.21478E+01	-0.39084E+02	0.43160E+01	0.16624E+02
131	-0.70129E-02	-0.46753E-01	0.39740E-01	-0.93643E+02	0.38239E+01	0.48293E+02
132	0.43453E-01	0.28968E+00	-0.24623E+00	-0.15637E+03	0.71319E+01	0.83242E+02
133	-0.17501E-01	-0.11667E+00	0.99171E-01	-0.22661E+03	0.11266E+02	0.12274E+03
134	-0.22260E-01	-0.14840E+00	0.12614E+00	-0.30592E+03	0.16794E+02	0.17123E+03
135	0.63720E-01	0.42480E+00	-0.36108E+00	-0.36307E+03	0.23216E+02	0.21551E+03
136	-0.43311E-01	-0.28874E+00	0.24543E+00	-0.41376E+03	0.25114E+02	0.24733E+03
137	-0.99783E-01	-0.66525E+00	0.56547E+00	-0.41214E+03	0.33014E+02	0.26099E+03
138	0.36371E+00	0.24247E+01	-0.17038E+01	-0.42484E+03	0.87191E+02	0.28314E+03
139	0.10916E+00	0.72775E+00	0.59332E+00	-0.41289E+03	0.19742E+03	0.29772E+03
140	-0.68437E+00	-0.45624E+01	0.38781E+01	-0.52349E+03	0.23946E+03	0.33910E+03
141	-0.67684E+00	-0.45123E+01	0.38354E+01	-0.52402E+03	0.24513E+03	0.36116E+03
142	-0.74225E+00	-0.49423E+01	0.42061E+01	-0.55049E+03	0.24535E+03	0.38557E+03
143	-0.77481E+00	-0.51654E+01	0.43906E+01	0.20560E+03	0.35726E+03	-0.37594E+03
144	-0.98241E+00	-0.65494E+01	0.55670E+01	0.20121E+03	0.34572E+03	-0.35861E+03
145	0.64154E+00	0.42770E+01	-0.49460E+01	-0.95497E+02	0.25445E+03	-0.78270E+03
146	0.26971E+00	0.17981E+01	-0.36817E+01	-0.11139E+03	0.19141E+03	-0.66389E+03
147	0.27939E+00	0.18659E+01	-0.36419E+01	-0.10564E+03	0.20013E+03	-0.65514E+03
148	0.29191E+00	0.19461E+01	0.67082E+00	-0.10134E+03	0.21005E+03	-0.65651E+03
149	0.30601E+00	0.20401E+01	0.62792E+00	-0.94194E+02	0.22199E+03	-0.66750E+03
150	0.35572E+00	0.23715E+01	0.59174E-01	-0.59949E+02	0.24639E+03	-0.64989E+03
151	0.42987E+00	0.28658E+01	0.14998E+02	-0.47188E+02	0.28187E+03	-0.66464E+03
152	0.39436E+00	0.26291E+01	0.27321E+02	-0.48741E+02	0.25777E+03	-0.65949E+03
153	0.33841E+00	0.22561E+01	0.24243E+02	-0.36536E+02	0.22199E+03	-0.64486E+03
154	0.20719E+00	0.13813E+01	0.47180E+02	-0.24896E+02	0.13554E+03	-0.62730E+03
155	0.16647E-01	0.11098E+00	0.39079E+02	-0.36060E+02	0.57804E+01	-0.58715E+03
156	-0.13646E+00	-0.92309E+00	0.33414E+02	-0.21056E+02	-0.96230E+02	-0.54462E+03
157	-0.26362E+00	-0.17575E+01	0.26826E+02	-0.21247E+02	-0.18039E+03	-0.48477E+03
158	-0.36330E+00	-0.24220E+01	0.22409E+02	-0.12748E+02	-0.24611E+03	-0.42679E+03
159	-0.43880E+00	-0.29253E+01	0.16012E+02	0.29100E+01	-0.29451E+03	-0.35296E+03
160	-0.48991E+00	-0.32651E+01	0.11326E+02	0.70020E+01	-0.32825E+03	-0.28415E+03
161	-0.57185E+00	-0.38123E+01	0.57116E+01	0.11618E+02	-0.35824E+03	-0.19991E+03
162	-0.58525E+00	-0.39217E+01	-0.18521E+00	0.11270E+02	-0.34584E+03	-0.13949E+03
163	-0.67182E+00	-0.44788E+01	-0.10602E+01	0.23750E+02	-0.39333E+03	-0.97618E+02
164	-0.66226E+00	-0.44150E+01	-0.18484E+01	0.42631E+02	-0.38485E+03	-0.69208E+02

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165	-0.35943E+03	-0.53800E+02	-0.84990E+00	-0.17979E+02	-0.39003E+03	-0.55531E+02
166	-0.29175E+03	-0.40112E+02	-0.44633E+01	-0.13062E+02	-0.36223E+03	-0.50591E+02
167	-0.23149E+03	-0.29563E+02	-0.55265E+01	-0.10223E+02	-0.30928E+03	-0.46531E+02
168	-0.17639E+03	-0.21422E+02	-0.54229E+01	-0.73816E+01	-0.25510E+03	-0.43121E+02
169	-0.11276E+03	-0.10680E+02	-0.63921E+01	-0.47864E+01	-0.21893E+03	-0.39336E+02
170	-0.49323E+02	0.96266E+00	-0.84072E+01	-0.18673E+01	-0.19649E+03	-0.35020E+02
171	0.15193E+02	0.12019E+02	-0.95304E+01	0.20214E+01	-0.15583E+03	-0.28995E+02
172	0.52526E+02	0.16859E+02	-0.86015E+01	0.59231E+01	-0.10257E+03	-0.22520E+02
173	0.52571E+02	0.13524E+02	-0.52879E+01	0.80359E+01	-0.35525E+02	-0.18036E+02
174	0.32078E+02	0.65435E+01	-0.15617E+01	0.83500E+01	-0.21965E+02	-0.14980E+02
175	0.75180E+01	0.50569E+00	0.58525E+00	0.64822E+01	-0.12350E+02	-0.13630E+02
176	-0.14444E+01	-0.10397E+01	0.74186E+00	0.46728E+01	-0.15924E+02	-0.12766E+02
177	-0.25937E+01	-0.80259E+00	0.36408E+00	0.32076E+01	-0.18097E+02	-0.10546E+02
178	-0.98088E+00	-0.13914E+00	-0.10174E-01	0.21960E+01	-0.13849E+02	-0.76448E+01
179	0.26654E+00	0.11032E+00	-0.63570E-01	0.18054E+01	-0.98134E+01	-0.53813E+01
180	0.25173E-01	0.42971E-01	-0.35188E-01	0.13437E+01	-0.57189E+01	-0.32426E+01
181	0.95611E-01	0.97291E-01	-0.72101E-01	0.10112E+01	-0.26015E+01	-0.11377E+01
182	-0.34236E+00	-0.15900E+00	0.93608E-01	0.33031E+00	0.59479E+00	0.26491E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.28660E-01	-0.38719E-04	-0.23723E-01	0.00000E+00
3	0.53337E-01	0.10664E-03	-0.53392E-01	0.00000E+00
4	0.59535E-01	0.13855E-03	-0.59537E-01	0.00000E+00
5	0.67934E-01	0.31348E-04	-0.67934E-01	0.00000E+00
6	0.73532E-01	0.10336E-05	-0.73535E-01	0.00000E+00
7	0.68010E-01	0.40417E-03	-0.67945E-01	0.00000E+00
8	0.73688E-01	0.28474E-03	-0.73692E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.27941E-01	0.19412E-03	-0.27737E-01	0.00000E+00
11	0.52553E-01	0.47974E-03	-0.52344E-01	0.00000E+00
12	0.59121E-01	0.57264E-03	-0.58929E-01	0.00000E+00
13	0.68061E-01	0.46693E-03	-0.67888E-01	0.00000E+00
14	0.74090E-01	0.30235E-03	-0.74116E-01	0.00000E+00
15	0.68400E-01	0.67823E-03	-0.68433E-01	0.00000E+00
16	0.74761E-01	0.35975E-03	-0.74867E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.27403E-01	0.23623E-03	-0.27275E-01	0.00000E+00
19	0.52142E-01	0.58199E-03	-0.51959E-01	0.00000E+00
20	0.59086E-01	0.70705E-03	-0.58890E-01	0.00000E+00
21	0.68740E-01	0.54488E-03	-0.68730E-01	0.00000E+00
22	0.75735E-01	0.24253E-03	-0.75998E-01	0.00000E+00
23	0.69243E-01	0.55495E-03	-0.69338E-01	0.00000E+00
24	0.77048E-01	-0.47976E-04	-0.77615E-01	0.00000E+00
25	0.77828E-01	-0.44960E-04	-0.78650E-01	0.00000E+00
26	0.78296E-01	-0.17673E-03	-0.79283E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.26881E-01	0.80416E-05	-0.25974E-01	0.00000E+00
29	0.51552E-01	0.10142E-03	-0.50158E-01	0.00000E+00
30	0.58832E-01	0.19435E-03	-0.57571E-01	0.00000E+00
31	0.69593E-01	0.13562E-03	-0.69402E-01	0.00000E+00
32	0.78769E-01	-0.42745E-03	-0.79956E-01	0.00000E+00
33	0.69635E-01	0.84026E-04	-0.69229E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.26745E-01	-0.11884E-03	-0.25322E-01	0.00000E+00
36	0.51347E-01	-0.21400E-03	-0.49032E-01	0.00000E+00
37	0.58595E-01	-0.24985E-03	-0.56239E-01	0.00000E+00
38	0.69646E-01	-0.26940E-03	-0.68788E-01	0.00000E+00
39	0.79362E-01	-0.34222E-03	-0.80883E-01	0.00000E+00
40	0.79242E-01	-0.34197E-03	-0.80683E-01	0.00000E+00
41	0.79123E-01	-0.34276E-03	-0.80493E-01	0.00000E+00
42	0.78995E-01	-0.34838E-03	-0.80277E-01	0.00000E+00
43	0.58061E-01	-0.72078E-03	-0.52538E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.25969E-01	-0.29843E-03	-0.21705E-01	0.00000E+00
46	0.49952E-01	-0.65424E-03	-0.41945E-01	0.00000E+00
47	0.79391E-01	-0.34215E-03	-0.80902E-01	0.00000E+00
48	0.79402E-01	-0.34220E-03	-0.80950E-01	0.00000E+00
49	0.69627E-01	-0.37695E-03	-0.68520E-01	0.00000E+00
50	0.79447E-01	-0.33952E-03	-0.81212E-01	0.00000E+00
51	0.68843E-01	-0.76281E-03	-0.63363E-01	0.00000E+00
52	0.77952E-01	0.66909E-04	-0.73239E-01	0.00000E+00
53	0.79355E-01	-0.33631E-03	-0.80743E-01	0.00000E+00
54	0.56244E-01	-0.66479E-03	-0.48012E-01	0.00000E+00
55	0.67364E-01	-0.55987E-03	-0.57489E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.24697E-01	-0.45310E-03	-0.17074E-01	0.00000E+00
58	0.47451E-01	-0.63779E-03	-0.33555E-01	0.00000E+00
59	0.75584E-01	-0.26777E-03	-0.65304E-01	0.00000E+00
60	0.77311E-01	-0.30077E-04	-0.70836E-01	0.00000E+00
61	0.79461E-01	-0.33340E-03	-0.81360E-01	0.00000E+00
62	0.54084E-01	-0.32115E-03	-0.38251E-01	0.00000E+00
63	0.63568E-01	-0.39703E-03	-0.45249E-01	0.00000E+00
64	0.78401E-01	0.69159E-04	-0.73762E-01	0.00000E+00
65	0.79474E-01	-0.32756E-03	-0.81506E-01	0.00000E+00
66	0.79530E-01	-0.31651E-03	-0.81798E-01	0.00000E+00
67	0.79685E-01	-0.30711E-03	-0.82095E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.23335E-01	-0.38372E-03	-0.12899E-01	0.00000E+00
70	0.44483E-01	-0.10450E-02	-0.25141E-01	0.00000E+00
71	0.71923E-01	-0.29535E-03	-0.51743E-01	0.00000E+00
72	0.78602E-01	0.14959E-03	-0.72200E-01	0.00000E+00
73	0.59494E-01	-0.14164E-02	-0.33863E-01	0.00000E+00
74	0.80381E-01	0.16534E-03	-0.74401E-01	0.00000E+00
75	0.79775E-01	-0.30272E-03	-0.82374E-01	0.00000E+00
76	0.80344E-01	-0.30018E-03	-0.82884E-01	0.00000E+00
77	0.67001E-01	-0.13800E-02	-0.38142E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.22179E-01	-0.54515E-03	-0.91827E-02	0.00000E+00
80	0.41485E-01	-0.12281E-02	-0.17023E-01	0.00000E+00
81	0.46783E-01	-0.16355E-02	-0.19225E-01	0.00000E+00
82	0.54640E-01	-0.17450E-02	-0.22728E-01	0.00000E+00
83	0.79068E-01	-0.89604E-03	-0.57835E-01	0.00000E+00
84	0.69587E-01	-0.16148E-02	-0.32243E-01	0.00000E+00
85	0.81535E-01	-0.29726E-03	-0.83555E-01	0.00000E+00
86	0.83350E-01	-0.26432E-04	-0.76977E-01	0.00000E+00
87	0.61571E-01	-0.18489E-02	-0.26026E-01	0.00000E+00
88	0.81958E-01	-0.27310E-03	-0.67817E-01	0.00000E+00
89	0.82604E-01	-0.30007E-03	-0.84209E-01	0.00000E+00
90	0.46040E-01	-0.12076E-02	-0.99422E-02	0.00000E+00
91	0.49658E-01	-0.11389E-02	-0.10208E-01	0.00000E+00
92	0.52368E-01	-0.10204E-02	-0.10611E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.16417E-01	0.00000E+00	0.59445E-03	0.00000E+00
95	0.30768E-01	0.00000E+00	0.83874E-03	0.00000E+00
96	0.34296E-01	0.00000E+00	0.91189E-03	0.00000E+00
97	0.38663E-01	0.00000E+00	0.48761E-03	0.00000E+00
98	0.40349E-01	0.00000E+00	0.26268E-03	0.00000E+00
99	0.44731E-01	-0.79290E-03	-0.51922E-02	0.00000E+00
100	0.56352E-01	-0.11515E-02	-0.14073E-01	0.00000E+00
101	0.75455E-01	-0.12703E-02	-0.34985E-01	0.00000E+00
102	0.85383E-01	-0.71913E-03	-0.85160E-01	0.00000E+00
103	0.83165E-01	-0.31319E-03	-0.61070E-01	0.00000E+00
104	0.87528E-01	-0.22903E-03	-0.80330E-01	0.00000E+00
105	0.87697E-01	-0.33368E-03	-0.86046E-01	0.00000E+00
106	0.85888E-01	-0.74089E-03	-0.63516E-01	0.00000E+00
107	0.90651E-01	-0.27965E-03	-0.82829E-01	0.00000E+00
108	0.89651E-01	-0.37526E-03	-0.86865E-01	0.00000E+00
109	0.91226E-01	-0.41394E-03	-0.87594E-01	0.00000E+00
110	0.89471E-01	-0.54975E-03	-0.66695E-01	0.00000E+00
111	0.92960E-01	-0.26153E-03	-0.84789E-01	0.00000E+00
112	0.92519E-01	-0.46066E-03	-0.88237E-01	0.00000E+00
113	0.91137E-01	-0.62068E-03	-0.71200E-01	0.00000E+00
114	0.93456E-01	-0.51452E-03	-0.88772E-01	0.00000E+00
115	0.94113E-01	-0.56995E-03	-0.89208E-01	0.00000E+00
116	0.94420E-01	-0.62245E-03	-0.89514E-01	0.00000E+00

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117	0.93905E-01	-0.40173E-03	-0.85274E-01	0.00000E+00
118	0.94432E-01	-0.64736E-03	-0.89629E-01	0.00000E+00
119	0.94405E-01	-0.68855E-03	-0.89757E-01	0.00000E+00
120	0.94492E-01	-0.59529E-03	-0.86939E-01	0.00000E+00
121	0.94335E-01	-0.74464E-03	-0.89880E-01	0.00000E+00
122	0.94330E-01	-0.79236E-03	-0.89976E-01	0.11815E-04
123	0.94294E-01	-0.89604E-03	-0.90054E-01	0.21507E-04
124	0.94231E-01	-0.10644E-02	-0.90134E-01	0.33236E-04
125	0.94118E-01	-0.13142E-02	-0.90216E-01	0.48248E-04
126	0.93836E-01	-0.19180E-02	-0.90354E-01	0.69124E-04
127	0.93482E-01	-0.26661E-02	-0.90487E-01	0.77740E-04
128	0.92735E-01	-0.43466E-02	-0.90760E-01	0.69781E-04
129	0.92193E-01	-0.56494E-02	-0.91012E-01	0.47110E-04
130	0.91483E-01	-0.64723E-02	-0.91287E-01	0.17045E-04
131	0.91966E-01	-0.63027E-02	-0.91709E-01	-0.18964E-04
132	0.92349E-01	-0.50989E-02	-0.92087E-01	-0.30984E-04
133	0.92714E-01	-0.37638E-02	-0.92424E-01	-0.26978E-04
134	0.92935E-01	-0.27792E-02	-0.92699E-01	-0.18494E-04
135	0.93057E-01	-0.21155E-02	-0.92921E-01	-0.13848E-04
136	0.93143E-01	-0.14844E-02	-0.93082E-01	-0.15193E-04
137	0.93197E-01	-0.82614E-03	-0.93180E-01	-0.15434E-04
138	0.93235E-01	-0.12535E-03	-0.93236E-01	-0.16135E-04
139	0.93235E-01	-0.15522E-04	-0.93235E-01	-0.15547E-04

198

5622

000201

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2100E+01

199

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.10520E+00	-0.31270E-01	-0.39450E-01	0.34579E+01	0.32225E-01	-0.34543E+01
2	-0.19194E+00	-0.24376E-01	-0.54615E-01	0.30355E+01	0.66212E-01	-0.30397E+01
3	-0.24431E+00	-0.16492E-01	-0.59380E-02	0.24012E+01	0.99929E-01	-0.24328E+01
4	0.34456E-01	-0.39303E-01	0.29974E-01	0.18872E+01	-0.13182E-01	-0.19231E+01
5	-0.12029E+00	-0.24603E-01	-0.14887E-01	0.19203E+01	0.39546E-01	-0.19546E+01
6	0.26273E-01	-0.38055E-01	0.38907E-01	0.19483E+01	-0.53584E-02	-0.19933E+01
7	0.78371E-01	0.15652E-02	0.46615E-01	0.13231E+01	-0.20438E-01	-0.13362E+01
8	0.14338E+00	-0.21395E-02	0.74071E-01	0.13192E+01	-0.39518E-01	-0.13860E+01
9	-0.12726E-02	0.92443E-01	0.48289E-01	0.33838E+01	0.13434E-01	-0.33674E+01
10	-0.27225E-01	0.12285E+00	0.64256E-01	0.30218E+01	0.23074E-01	-0.30312E+01
11	-0.30824E-01	0.11812E+00	0.78256E-01	0.24942E+01	0.12355E-01	-0.25375E+01
12	0.31006E+00	0.14183E+00	0.20483E+00	0.19751E+01	-0.10700E+00	-0.19855E+01
13	0.42489E-01	0.65563E-01	0.63200E-01	0.20264E+01	-0.36360E-02	-0.21027E+01
14	0.23895E+00	0.45961E-01	0.12191E+00	0.20677E+01	-0.56544E-01	-0.21638E+01
15	0.33141E+00	0.40700E-01	0.14929E+00	0.14128E+01	-0.11709E+00	-0.14517E+01
16	0.41280E+00	0.36555E-01	0.16561E+00	0.14741E+01	-0.12391E+00	-0.15590E+01
17	-0.26735E-01	0.42442E-01	0.28347E-01	0.33088E+01	0.41122E-01	-0.32560E+01
18	-0.64376E-01	0.73070E-01	0.59197E-01	0.29928E+01	0.96948E-01	-0.29934E+01
19	-0.93117E-01	0.11370E+00	0.12643E+00	0.25327E+01	0.18880E+00	-0.26540E+01
20	0.41629E+00	0.16254E+00	0.23603E+00	0.20936E+01	-0.11133E+00	-0.21572E+01
21	0.17587E-01	0.10637E+00	0.95559E-01	0.21833E+01	0.10099E+00	-0.24221E+01
22	0.36973E+00	0.23328E+00	0.27755E+00	0.22577E+01	-0.25683E-01	-0.25727E+01
23	0.54451E+00	0.13666E-01	0.19733E+00	0.16327E+01	-0.19171E+00	-0.17550E+01
24	0.10800E+01	0.24658E+00	0.48241E+00	0.17494E+01	-0.35677E+00	-0.18605E+01
25	0.49416E+00	0.90352E-02	0.16253E+00	0.18352E+01	-0.14597E+00	-0.21313E+01
26	0.13555E+01	0.45544E+00	0.66905E+00	0.16353E+01	-0.44036E+00	-0.23603E+01
27	-0.68733E-01	-0.49702E-01	-0.81227E-02	0.32620E+01	0.63992E-01	-0.31341E+01
28	-0.10044E+00	-0.18371E-01	0.54026E-01	0.29582E+01	0.17635E+00	-0.29255E+01
29	-0.22251E+00	0.10116E-01	0.16553E+00	0.24320E+01	0.49974E+00	-0.26785E+01
30	0.16057E+00	0.88907E-01	0.15077E+00	0.23035E+01	0.75483E-01	-0.25674E+01
31	-0.14386E+00	0.42621E-01	0.56235E-01	0.22419E+01	0.33836E+00	-0.26767E+01
32	0.15481E+00	0.13355E+00	0.20821E+00	0.21855E+01	0.22782E+00	-0.27148E+01
33	0.10885E+01	0.33364E+00	0.53038E+00	0.21545E+01	-0.25171E+00	-0.24887E+01
34	0.26235E+01	0.13779E+01	0.15405E+01	0.22731E+01	-0.66406E+00	-0.27059E+01
35	0.34274E+00	-0.14409E+00	0.16273E-01	0.22851E+01	-0.20153E+00	-0.27060E+01
36	-0.20756E+00	-0.34058E+00	-0.22381E+00	0.21026E+01	0.26264E+00	-0.23056E+01
37	0.70356E+00	0.38510E+00	0.38190E+00	0.23387E+01	-0.21753E+00	-0.29032E+01
38	-0.15309E+00	-0.14972E+00	-0.42718E-01	0.32151E+01	0.98711E-01	-0.28718E+01
39	-0.25105E+00	-0.15413E+00	0.58650E-01	0.29474E+01	0.29614E+00	-0.28795E+01
40	-0.32230E+00	-0.49093E-01	0.27258E+00	0.25259E+01	0.88954E+00	-0.26257E+01
41	-0.52932E+00	-0.34833E+00	0.27749E+00	0.26559E+01	0.78496E+00	-0.25641E+01
42	-0.79721E+00	-0.12261E+00	0.42205E+00	0.25425E+01	0.99995E+00	-0.22002E+01
43	-0.31435E+00	-0.23252E+00	-0.40104E-01	0.22930E+01	0.51554E+00	-0.27350E+01
44	-0.49835E+00	-0.23172E+00	-0.17214E-01	0.22660E+01	0.83938E+00	-0.23303E+01
45	-0.88770E+00	-0.41583E+00	-0.88152E-01	0.23698E+01	0.81802E+00	-0.23303E+01
46	-0.43115E+00	0.17524E-01	0.31582E+00	0.22886E+01	0.57764E+00	-0.20395E+01
47	0.17935E+00	0.81728E+00	0.83579E-01	0.22310E+01	0.19317E+00	-0.29372E+01
48	-0.27257E+00	-0.17701E+00	-0.22860E+00	0.23509E+01	0.19640E+00	-0.29715E+01
49	-0.43946E+00	-0.16004E+00	-0.17371E+00	0.23349E+01	0.66788E+00	-0.31899E+01
50	-0.20238E+01	-0.65544E+00	-0.57323E+00	0.20448E+01	0.17842E+01	-0.21315E+01
51	-0.38564E+00	-0.29518E+00	-0.39309E+00	0.98179E-01	0.22211E+00	-0.55645E+00
52	-0.30349E+00	0.42601E+00	0.74000E-01	-0.52395E+00	0.99592E+00	0.31502E+01
53	-0.73185E+00	0.11633E+00	0.23857E+00	0.18559E+01	0.92798E+00	-0.18401E+01
54	-0.27989E+00	-0.27845E+00	-0.94785E-01	0.30906E+01	0.12390E+00	-0.23669E+01

202000

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000203

55	-0.44047E+00	-0.22951E+00	0.97475E-01	0.28511E+01	0.34692E+00	-0.22362E+01
56	-0.86411E+00	-0.16357E+00	0.62698E+00	0.24693E+01	0.97138E+00	-0.19517E+01
57	-0.72669E+00	-0.15229E+00	0.32399E+00	0.21457E+01	0.71215E+00	-0.17714E+01
58	-0.78386E+00	-0.95530E-01	0.39739E+00	0.17496E+01	0.85032E+00	-0.15377E+01
59	-0.27936E-01	-0.19869E+00	-0.21145E-01	0.30185E+01	-0.33395E-01	-0.20848E+01
60	-0.48819E+00	-0.38225E+00	-0.13914E+00	0.28571E+01	0.23151E+00	-0.15730E+01
61	-0.34789E+00	-0.27219E+00	-0.42863E-02	0.28402E+01	0.18545E+00	-0.15731E+01
62	-0.82700E-01	-0.21596E+00	0.92078E-02	0.27108E+01	-0.45954E-01	-0.11204E+01
63	-0.50477E+00	-0.29854E+00	0.14006E+00	0.26705E+01	0.29795E+00	-0.17473E+01
64	-0.51162E+00	-0.37130E+00	0.15841E+00	0.24595E+01	0.25119E+00	-0.12186E+01
65	-0.97954E+00	-0.24338E+00	0.75094E+00	0.23725E+01	0.80416E+00	-0.16997E+01
66	-0.12334E+01	-0.30196E+00	0.81442E+00	0.21222E+01	0.90426E+00	-0.12913E+01
67	-0.10061E+01	-0.42542E+00	0.88260E+00	0.19157E+01	0.68596E+00	-0.77949E+00
68	-0.94652E+00	-0.27318E+00	0.37874E+00	0.20098E+01	0.67724E+00	-0.15001E+01
69	-0.73463E+00	-0.23334E+00	0.48658E+00	0.19277E+01	0.50525E+00	-0.10927E+01
70	-0.11961E+01	-0.40238E+00	0.35630E+00	0.16740E+01	0.60942E+00	-0.73910E+00
71	-0.96356E+00	-0.19725E+00	0.51734E+00	0.16793E+01	0.73217E+00	-0.11494E+01
72	-0.11365E+01	-0.25987E+00	0.53801E+00	0.15295E+01	0.61590E+00	-0.80024E+00
73	-0.21219E+00	-0.17318E+00	0.12446E-01	0.23637E+01	0.30127E-01	-0.52376E+00
74	-0.39065E+00	-0.17201E+00	0.25279E+00	0.20730E+01	0.82698E-01	-0.46071E+00
75	-0.89403E+00	-0.19266E+00	0.89916E+00	0.16707E+01	0.22542E+00	-0.37880E+00
76	-0.93535E+00	-0.23749E+00	0.50774E+00	0.17258E+01	0.20518E+00	-0.74239E+00
77	-0.72558E+00	-0.35343E+00	0.43325E+00	0.12273E+01	0.12742E+00	-0.16137E+00
78	-0.71176E+00	-0.72368E-01	0.53084E+00	0.99843E+00	0.15035E+00	-0.88631E-01
79	-0.11510E+01	-0.27839E+00	0.48173E+00	0.11913E+01	0.24351E+00	-0.37050E+00
80	-0.13950E+01	-0.41530E+00	0.25129E+00	0.85907E+00	0.11604E+00	-0.48214E-01
81	-0.75138E+00	-0.17719E+00	0.53661E+00	0.51666E+00	0.12766E+00	-0.22769E-01
82	-0.37589E+00	-0.16203E+00	0.47081E+00	0.42988E+00	0.12790E+00	-0.46630E-01
83	-0.12544E+01	-0.23913E+00	0.42608E+00	0.72949E+00	0.98942E-01	-0.10288E+00
84	-0.14248E+01	-0.32759E+00	0.41699E+00	0.79243E+00	0.28329E+00	-0.86066E-01
85	-0.16039E+01	-0.28782E+00	0.45991E+00	0.11001E+01	0.38568E+00	-0.54868E+00
86	-0.15579E+01	-0.26982E+00	0.55682E+00	0.81560E+00	0.36021E+00	-0.35583E+00
87	-0.10367E+01	-0.69621E-01	0.76722E+00	0.11348E+01	0.61768E+00	-0.37110E+00
88	-0.11646E+01	-0.20739E+00	0.55576E+00	0.12314E+01	0.87450E+00	-0.91866E+00
89	-0.12799E+01	-0.24261E+00	0.51633E+00	0.10718E+01	0.93746E+00	-0.85964E+00
90	-0.13377E+01	-0.13030E+00	0.68536E+00	0.76175E+00	0.98245E+00	-0.35447E+00
91	-0.15049E+01	-0.37379E+00	0.43336E+00	0.70978E+00	0.10700E+01	-0.64825E+00
92	-0.14492E+01	-0.29725E+00	0.49603E+00	0.53808E+00	0.10665E+01	-0.48649E+00
93	-0.89392E+00	0.27632E+00	0.22228E+00	0.13440E+01	0.10832E+01	-0.14764E+01
94	-0.98267E+00	-0.18972E+00	0.14182E+00	0.13236E+01	0.99093E+00	-0.13879E+01
95	-0.62620E+00	-0.42275E+00	0.11465E+00	0.95833E+00	0.99056E+00	-0.10447E+01
96	-0.81461E+00	-0.12994E+00	0.41901E+00	0.13414E+01	0.93251E+00	-0.11529E+01
97	-0.51376E+00	-0.26424E+00	0.23724E+00	0.10868E+01	0.98549E+00	-0.90379E+00
98	-0.68815E+00	-0.21707E+00	0.41033E+00	0.89803E+00	0.93079E+00	-0.84613E+00
99	-0.69663E+00	0.52252E-01	0.67020E+00	0.10457E+01	0.88472E+00	-0.86419E+00
100	-0.57184E+00	0.59355E-02	0.56588E+00	0.75889E+00	0.92537E+00	-0.65978E+00
101	-0.74579E+00	-0.13911E+00	0.36365E+00	0.59629E+00	0.95373E+00	-0.52219E+00
102	-0.60036E+00	0.39586E-01	0.69511E+00	0.57382E+00	0.90646E+00	-0.54080E+00
103	-0.45109E+00	-0.96732E-01	0.47005E+00	0.23907E+00	0.88901E+00	-0.28499E+00
104	-0.49576E+00	-0.15733E+00	0.41697E+00	0.11944E+00	0.89322E+00	-0.23618E+00
105	-0.89883E+00	-0.44670E-01	-0.21820E-01	0.11937E+01	0.12908E+01	-0.13351E+01
106	-0.14070E+01	-0.63771E+00	-0.87271E+00	0.13002E+00	0.13728E+01	-0.63752E+00
107	-0.10806E+01	-0.63073E+00	-0.58982E+00	0.65342E+00	0.13226E+01	-0.92111E+00
108	-0.84204E+00	-0.55873E+00	-0.44291E+00	0.67372E+00	0.12778E+01	-0.93181E+00
109	-0.65378E+00	-0.34310E+00	-0.35901E+00	0.29314E+00	0.12849E+01	-0.63943E+00
110	0.73670E-01	0.14290E+00	0.22144E+00	0.93267E+00	0.11925E+01	-0.98438E+00
111	0.49301E+00	0.35286E+00	0.36992E+00	0.67868E+00	0.11374E+01	-0.54839E+00
112	0.21098E+00	0.37009E+00	0.39761E+00	0.10309E+01	0.11325E+01	-0.54209E+00
113	0.50342E+00	0.19025E+00	0.51756E+00	0.10527E+01	0.97950E+00	-0.10451E+01
114	0.68982E+00	0.48869E+00	0.53382E+00	0.90560E+00	0.95632E+00	-0.52610E+00

200

115	0.73313E+00	0.51029E+00	0.61435E+00	0.13424E+01	0.93746E+00	-0.50940E+00
116	0.26299E+00	0.13801E+00	0.46612E+00	0.11574E+01	0.77188E+00	-0.90369E+00
117	0.12578E+00	0.15023E+00	0.32394E+00	0.12681E+01	0.69771E+00	-0.47241E+00
118	0.17507E+00	0.18103E+00	0.41632E+00	0.10737E+01	0.67616E+00	-0.43606E+00
119	0.52417E-01	0.17715E+00	0.48643E+00	0.86217E+00	0.57482E+00	-0.66986E+00
120	-0.71774E-01	0.41918E-01	0.32321E+00	0.87085E+00	0.52555E+00	-0.38535E+00
121	-0.38935E-01	0.66037E-01	0.38119E+00	0.71852E+00	0.51298E+00	-0.33852E+00
122	0.81997E-01	0.28493E+00	0.59609E+00	0.65093E+00	0.43915E+00	-0.52283E+00
123	0.56460E-01	0.13246E+00	0.47889E+00	0.54180E+00	0.39531E+00	-0.27934E+00
124	0.74017E-01	0.14830E+00	0.50693E+00	0.39042E+00	0.39007E+00	-0.22483E+00
125	-0.36906E-01	0.71568E-01	0.48162E+00	0.28828E+00	0.35790E+00	-0.28398E+00
126	0.67811E-01	0.15040E+00	0.50724E+00	0.19599E+00	0.34292E+00	-0.15213E+00
127	0.70218E-01	0.15572E+00	0.50794E+00	0.43686E-01	0.34378E+00	-0.11110E+00
128	0.25228E+00	0.24563E+00	0.62783E+00	0.10290E+00	0.30354E+00	-0.17032E+00
129	0.56656E+00	0.46315E+00	0.80392E+00	-0.17928E-01	0.25838E+00	-0.49910E-01
183	-0.11707E+01	-0.10857E-01	-0.11487E+00	0.19147E+01	0.13598E+01	-0.21343E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.15482E+00	-0.10321E+01	0.87730E+00	0.29714E+02	0.31700E+01	-0.12189E+02
131	0.59168E-01	0.39445E+00	-0.33529E+00	0.75609E+02	0.94821E+01	-0.33269E+02
132	0.97144E-02	0.64763E-01	-0.55043E-01	0.12598E+03	0.14031E+02	-0.58070E+02
133	0.39228E-01	0.26152E+00	-0.22229E+00	0.18222E+03	0.17622E+02	-0.86504E+02
134	0.53289E-01	0.35526E+00	-0.30197E+00	0.24535E+03	0.19802E+02	-0.12231E+03
135	-0.17874E-02	-0.11916E-01	0.10123E-01	0.29060E+03	0.19194E+02	-0.15555E+03
136	0.67894E-01	0.45263E+00	-0.38473E+00	0.33027E+03	0.19906E+02	-0.17953E+03
137	0.12216E+00	0.81454E+00	-0.69236E+00	0.33308E+03	0.15945E+02	-0.18979E+03
138	-0.31947E+00	-0.21298E+01	0.15745E+01	0.34209E+03	-0.46151E+01	-0.20605E+03
139	-0.42112E+00	-0.28075E+01	0.16256E+01	0.33683E+03	-0.46932E+02	-0.21590E+03
140	-0.13407E+00	-0.89379E+00	0.75973E+00	0.42261E+03	-0.57429E+02	-0.24616E+03
141	-0.10612E+00	-0.70745E+00	0.60133E+00	0.42530E+03	-0.60563E+02	-0.26136E+03
142	-0.10948E+00	-0.72984E+00	0.62036E+00	0.44403E+03	-0.60353E+02	-0.27912E+03
143	-0.11007E+00	-0.73381E+00	0.62374E+00	-0.14285E+03	-0.14707E+03	0.29318E+03
144	-0.21117E+00	-0.14078E+01	0.11966E+01	-0.14162E+03	-0.13840E+03	0.28161E+03
145	-0.25801E+00	-0.17200E+01	0.44598E+01	-0.21207E+01	-0.10841E+03	0.58714E+03
146	-0.11413E+00	-0.76090E+00	0.30466E+01	0.34954E+02	-0.82826E+02	0.49265E+03
147	-0.12246E+00	-0.81642E+00	0.30165E+01	0.31829E+02	-0.89722E+02	0.48550E+03
148	-0.13242E+00	-0.88281E+00	-0.34937E+00	0.28098E+02	-0.97965E+02	0.48602E+03
149	-0.14419E+00	-0.96124E+00	-0.30626E+00	0.20180E+02	-0.10823E+03	0.49373E+03
150	-0.17335E+00	-0.11557E+01	0.17159E+00	-0.10877E+01	-0.12486E+03	0.47948E+03
151	-0.21269E+00	-0.14179E+01	-0.11295E+02	-0.16124E+02	-0.14538E+03	0.48943E+03
152	-0.18875E+00	-0.12584E+01	-0.20568E+02	-0.14437E+02	-0.12904E+03	0.48379E+03
153	-0.15007E+00	-0.10005E+01	-0.18094E+02	-0.20322E+02	-0.10392E+03	0.47085E+03
154	-0.57205E-01	-0.38137E+00	-0.34904E+02	-0.27751E+02	-0.42615E+02	0.45573E+03
155	0.77580E-01	0.51720E+00	-0.28611E+02	-0.14424E+02	0.49983E+02	0.42380E+03
156	0.18366E+00	0.12244E+01	-0.23836E+02	-0.23003E+02	0.12000E+03	0.39084E+03
157	0.26562E+00	0.17703E+01	-0.18869E+02	-0.16953E+02	0.17600E+03	0.34570E+03
158	0.32751E+00	0.21834E+01	-0.15290E+02	-0.19799E+02	0.21717E+03	0.30273E+03
159	0.37106E+00	0.24737E+01	-0.10754E+02	-0.23487E+02	0.24589E+03	0.24890E+03
160	0.39687E+00	0.26458E+01	-0.72604E+01	-0.22631E+02	0.26337E+03	0.19936E+03
161	0.44806E+00	0.29871E+01	-0.32026E+01	-0.18928E+02	0.27922E+03	0.13900E+03
162	0.45155E+00	0.30104E+01	0.82099E+00	-0.15473E+02	0.26445E+03	0.96035E+02
163	0.50746E+00	0.33831E+01	0.15418E+01	-0.18631E+02	0.29700E+03	0.66806E+02
164	0.43872E+00	0.32531E+01	0.20528E+01	-0.29017E+02	0.28437E+03	0.48926E+02

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165	0.25447E+03	0.36413E+02	0.20699E+01	0.12927E+02	0.28369E+03	0.40642E+02
166	0.20500E+03	0.26826E+02	0.43440E+01	0.93542E+01	0.26279E+03	0.37044E+02
167	0.16128E+03	0.19666E+02	0.46861E+01	0.73052E+01	0.22374E+03	0.34099E+02
168	0.12186E+03	0.14160E+02	0.42799E+01	0.52647E+01	0.18400E+03	0.31634E+02
169	0.75864E+02	0.65331E+01	0.48121E+01	0.34155E+01	0.15729E+03	0.28913E+02
170	0.30664E+02	-0.15772E+01	0.61635E+01	0.13539E+01	0.14056E+03	0.25828E+02
171	-0.14511E+02	-0.92024E+01	0.68348E+01	-0.13651E+01	0.11090E+03	0.21552E+02
172	-0.39626E+02	-0.12276E+02	0.60297E+01	-0.40375E+01	0.72806E+02	0.16993E+02
173	-0.58202E+02	-0.95968E+01	0.35992E+01	-0.54251E+01	0.39772E+02	0.13863E+02
174	-0.22650E+02	-0.44544E+01	0.93096E+00	-0.55292E+01	0.16891E+02	0.11730E+02
175	-0.49208E+01	-0.19790E+00	-0.51423E+00	-0.41530E+01	0.10789E+02	0.10724E+02
176	0.12265E+01	0.81617E+00	-0.57515E+00	-0.29051E+01	0.13429E+02	0.99915E+01
177	0.19871E+01	0.61642E+00	-0.28311E+00	-0.19390E+01	0.14827E+02	0.82295E+01
178	0.77671E+00	0.10181E+00	0.13665E-01	-0.13156E+01	0.11264E+02	0.59580E+01
179	-0.23706E+00	-0.10226E+00	0.58438E-01	-0.11349E+01	0.79297E+01	0.41769E+01
180	-0.37234E-01	-0.38938E-01	0.29314E-01	-0.88100E+00	0.45934E+01	0.25082E+01
181	-0.78067E-01	-0.80875E-01	0.59653E-01	-0.71705E+00	0.20830E+01	0.87080E+00
182	0.25972E+00	0.12063E+00	-0.71015E-01	-0.25436E+00	-0.49237E+00	-0.29899E-01

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.79259E-02	0.18834E-04	0.76369E-02	0.00000E+00
3	-0.14318E-01	-0.31045E-04	0.14443E-01	0.00000E+00
4	-0.15914E-01	-0.67310E-04	0.16210E-01	0.00000E+00
5	-0.18064E-01	-0.58152E-04	0.18096E-01	0.00000E+00
6	-0.19438E-01	0.67803E-05	0.19438E-01	0.00000E+00
7	-0.18120E-01	0.27585E-03	0.17948E-01	0.00000E+00
8	-0.19450E-01	0.36609E-03	0.19374E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.73946E-02	0.15696E-03	0.71563E-02	0.00000E+00
11	-0.13994E-01	0.34935E-03	0.13598E-01	0.00000E+00
12	-0.15678E-01	0.46348E-03	0.15418E-01	0.00000E+00
13	-0.18102E-01	0.65055E-03	0.17945E-01	0.00000E+00
14	-0.19535E-01	0.81236E-03	0.19190E-01	0.00000E+00
15	-0.18139E-01	0.12041E-02	0.17309E-01	0.00000E+00
16	-0.19673E-01	0.14178E-02	0.18912E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.74480E-02	0.46065E-03	0.65602E-02	0.00000E+00
19	-0.14024E-01	0.11572E-02	0.12624E-01	0.00000E+00
20	-0.15927E-01	0.14936E-02	0.14448E-01	0.00000E+00
21	-0.18188E-01	0.18269E-02	0.16764E-01	0.00000E+00
22	-0.19869E-01	0.20934E-02	0.18552E-01	0.00000E+00
23	-0.18252E-01	0.27958E-02	0.16147E-01	0.00000E+00
24	-0.20128E-01	0.32635E-02	0.18143E-01	0.00000E+00
25	-0.20273E-01	0.40440E-02	0.17932E-01	0.00000E+00
26	-0.20360E-01	0.44470E-02	0.17223E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.79161E-02	0.79967E-03	0.56948E-02	0.00000E+00
29	-0.14635E-01	0.21520E-02	0.11099E-01	0.00000E+00
30	-0.16399E-01	0.28865E-02	0.12860E-01	0.00000E+00
31	-0.18693E-01	0.38584E-02	0.15360E-01	0.00000E+00
32	-0.20461E-01	0.49565E-02	0.17714E-01	0.00000E+00
33	-0.18869E-01	0.40651E-02	0.15072E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.81344E-02	0.81431E-03	0.54233E-02	0.00000E+00
36	-0.14965E-01	0.22385E-02	0.10565E-01	0.00000E+00
37	-0.16670E-01	0.30623E-02	0.12211E-01	0.00000E+00
38	-0.19018E-01	0.41548E-02	0.14769E-01	0.00000E+00
39	-0.20547E-01	0.50537E-02	0.17378E-01	0.00000E+00
40	-0.20529E-01	0.50416E-02	0.17450E-01	0.00000E+00
41	-0.20511E-01	0.50304E-02	0.17521E-01	0.00000E+00
42	-0.20492E-01	0.50131E-02	0.17620E-01	0.00000E+00
43	-0.17142E-01	0.27340E-02	0.10907E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.86259E-02	0.60424E-03	0.43032E-02	0.00000E+00
46	-0.15670E-01	0.17078E-02	0.82929E-02	0.00000E+00
47	-0.20550E-01	0.50535E-02	0.17320E-01	0.00000E+00
48	-0.20553E-01	0.50541E-02	0.17355E-01	0.00000E+00
49	-0.19069E-01	0.41560E-02	0.14649E-01	0.00000E+00
50	-0.20562E-01	0.50864E-02	0.17446E-01	0.00000E+00
51	-0.19420E-01	0.36956E-02	0.12920E-01	0.00000E+00
52	-0.20769E-01	0.45418E-02	0.14814E-01	0.00000E+00
53	-0.20538E-01	0.50292E-02	0.17195E-01	0.00000E+00
54	-0.17299E-01	0.23163E-02	0.95169E-02	0.00000E+00
55	-0.19625E-01	0.31574E-02	0.11118E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.87494E-02	0.25893E-03	0.34300E-02	0.00000E+00
58	-0.15782E-01	0.10460E-02	0.64986E-02	0.00000E+00
59	-0.21014E-01	0.40332E-02	0.12491E-01	0.00000E+00
60	-0.20841E-01	0.43913E-02	0.14049E-01	0.00000E+00
61	-0.20565E-01	0.51028E-02	0.17488E-01	0.00000E+00
62	-0.17525E-01	0.15205E-02	0.72489E-02	0.00000E+00
63	-0.19807E-01	0.22831E-02	0.81996E-02	0.00000E+00
64	-0.20855E-01	0.46112E-02	0.14900E-01	0.00000E+00
65	-0.20568E-01	0.51186E-02	0.17531E-01	0.00000E+00
66	-0.20539E-01	0.51505E-02	0.17616E-01	0.00000E+00
67	-0.20610E-01	0.51846E-02	0.17702E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.85560E-02	0.15890E-03	0.31662E-02	0.00000E+00
70	-0.15800E-01	0.65308E-03	0.59575E-02	0.00000E+00
71	-0.21446E-01	0.31877E-02	0.88562E-02	0.00000E+00
72	-0.21040E-01	0.45587E-02	0.14250E-01	0.00000E+00
73	-0.19889E-01	0.15488E-02	0.72888E-02	0.00000E+00
74	-0.21411E-01	0.48917E-02	0.14577E-01	0.00000E+00
75	-0.20628E-01	0.52152E-02	0.17787E-01	0.00000E+00
76	-0.20739E-01	0.52776E-02	0.17953E-01	0.00000E+00
77	-0.21454E-01	0.21216E-02	0.76739E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.65065E-02	-0.95935E-05	0.30632E-02	0.00000E+00
80	-0.15537E-01	0.27737E-03	0.55164E-02	0.00000E+00
81	-0.17349E-01	0.49740E-03	0.61263E-02	0.00000E+00
82	-0.19494E-01	0.87560E-03	0.67428E-02	0.00000E+00
83	-0.22352E-01	0.41742E-02	0.94449E-02	0.00000E+00
84	-0.22011E-01	0.20170E-02	0.71916E-02	0.00000E+00
85	-0.20961E-01	0.53595E-02	0.18174E-01	0.00000E+00
86	-0.21797E-01	0.53461E-02	0.15133E-01	0.00000E+00
87	-0.21074E-01	0.13113E-02	0.70803E-02	0.00000E+00
88	-0.22223E-01	0.47769E-02	0.12303E-01	0.00000E+00
89	-0.21163E-01	0.54389E-02	0.18396E-01	0.00000E+00
90	-0.18722E-01	0.43149E-03	0.71089E-02	0.00000E+00
91	-0.19844E-01	0.66159E-03	0.75646E-02	0.00000E+00
92	-0.20365E-01	0.30522E-03	0.76504E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.75393E-02	0.00000E+00	0.31496E-02	0.00000E+00
95	-0.14111E-01	0.00000E+00	0.57863E-02	0.00000E+00
96	-0.15703E-01	0.00000E+00	0.63855E-02	0.00000E+00
97	-0.17344E-01	0.00000E+00	0.68448E-02	0.00000E+00
98	-0.17857E-01	0.00000E+00	0.69160E-02	0.00000E+00
99	-0.18955E-01	0.40172E-03	0.72948E-02	0.00000E+00
100	-0.21001E-01	0.10677E-02	0.76833E-02	0.00000E+00
101	-0.21968E-01	0.27442E-02	0.71799E-02	0.00000E+00
102	-0.21640E-01	0.55567E-02	0.18728E-01	0.00000E+00
103	-0.22734E-01	0.47842E-02	0.97075E-02	0.00000E+00
104	-0.22412E-01	0.59848E-02	0.15832E-01	0.00000E+00
105	-0.22058E-01	0.56643E-02	0.19059E-01	0.00000E+00
106	-0.22663E-01	0.53170E-02	0.10046E-01	0.00000E+00
107	-0.22825E-01	0.64941E-02	0.16500E-01	0.00000E+00
108	-0.22369E-01	0.57693E-02	0.19388E-01	0.00000E+00
109	-0.22637E-01	0.58628E-02	0.19715E-01	0.00000E+00
110	-0.22201E-01	0.60593E-02	0.10639E-01	0.00000E+00
111	-0.22990E-01	0.69244E-02	0.17106E-01	0.00000E+00
112	-0.22827E-01	0.59493E-02	0.20039E-01	0.00000E+00
113	-0.22420E-01	0.63593E-02	0.12183E-01	0.00000E+00
114	-0.22992E-01	0.60208E-02	0.20361E-01	0.00000E+00
115	-0.23105E-01	0.60829E-02	0.20681E-01	0.00000E+00
116	-0.23174E-01	0.61291E-02	0.20997E-01	0.00000E+00

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117	-0.23079E-01	0.71707E-02	0.17813E-01	0.00000E+00
118	-0.23179E-01	0.61482E-02	0.21155E-01	0.00000E+00
119	-0.23192E-01	0.61692E-02	0.21415E-01	0.00000E+00
120	-0.23152E-01	0.74325E-02	0.18724E-01	0.00000E+00
121	-0.23220E-01	0.61913E-02	0.21733E-01	0.00000E+00
122	-0.23219E-01	0.62079E-02	0.21786E-01	-0.40512E-05
123	-0.23207E-01	0.62430E-02	0.21840E-01	-0.72093E-05
124	-0.23187E-01	0.62988E-02	0.21894E-01	-0.10840E-04
125	-0.23151E-01	0.63789E-02	0.21933E-01	-0.15186E-04
126	-0.23066E-01	0.65633E-02	0.22052E-01	-0.20484E-04
127	-0.22965E-01	0.67787E-02	0.22150E-01	-0.21637E-04
128	-0.22777E-01	0.72086E-02	0.22351E-01	-0.15720E-04
129	-0.22682E-01	0.74471E-02	0.22538E-01	-0.55573E-05
130	-0.22697E-01	0.74253E-02	0.22741E-01	0.67746E-05
131	-0.22929E-01	0.67903E-02	0.23050E-01	0.19173E-04
132	-0.23231E-01	0.58160E-02	0.23315E-01	0.22653E-04
133	-0.23496E-01	0.48248E-02	0.23545E-01	0.21200E-04
134	-0.23694E-01	0.38979E-02	0.23727E-01	0.20395E-04
135	-0.23851E-01	0.29608E-02	0.23870E-01	0.20945E-04
136	-0.23968E-01	0.20206E-02	0.23976E-01	0.20649E-04
137	-0.24034E-01	0.11135E-02	0.24037E-01	0.20518E-04
138	-0.24079E-01	0.16432E-03	0.24079E-01	0.20550E-04
139	-0.24079E-01	0.20534E-04	0.24079E-01	0.20535E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2200E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.84174E-01	0.65072E-01	0.33077E-02	-0.93098E+00	0.17845E-02	0.89732E+00
2	0.10893E+00	0.60937E-01	-0.17428E-01	-0.77408E+00	-0.20129E-01	0.79036E+00
3	0.68043E-01	0.41456E-01	-0.53572E-01	-0.56845E+00	-0.91826E-01	0.60315E+00
4	0.60510E-01	0.84780E-01	0.13755E+00	-0.40540E+00	-0.55071E-01	0.38153E+00
5	0.64747E-02	0.33570E-01	-0.40496E-01	-0.43393E+00	-0.51340E-01	0.42202E+00
6	0.23720E-01	0.98438E-01	-0.61213E-01	-0.41438E+00	-0.15499E-01	0.43232E+00
7	-0.47292E-01	-0.10472E-02	-0.73263E-01	-0.24001E+00	-0.43685E-05	0.25734E+00
8	-0.42812E-01	0.13809E-01	-0.10090E+00	-0.23557E+00	-0.12357E-01	0.26963E+00
9	0.31375E-01	0.16094E+00	0.56785E-01	-0.89545E+00	-0.84309E-02	0.83037E+00
10	0.49360E-01	0.16438E+00	-0.18655E-01	-0.76266E+00	-0.22760E-01	0.73715E+00
11	-0.40005E-01	0.13737E+00	-0.21802E+00	-0.55398E+00	-0.53362E-01	0.57993E+00
12	-0.57801E-01	0.36472E-01	-0.13473E+00	-0.38208E+00	-0.15550E-01	0.42272E+00
13	-0.53499E-01	0.53202E-01	-0.15565E+00	-0.39160E+00	-0.31994E-01	0.45139E+00
14	-0.97126E-02	0.15253E+00	-0.11446E+00	-0.37748E+00	-0.37141E-01	0.42749E+00
15	-0.99375E-01	0.16378E-01	-0.15423E+00	-0.22789E+00	-0.12262E-01	0.27906E+00
16	-0.14109E+00	0.10789E-01	-0.20859E+00	-0.24314E+00	-0.25742E-01	0.29567E+00
17	0.10755E+00	0.29685E+00	0.95442E-01	-0.92615E+00	-0.89165E-02	0.73932E+00
18	0.11694E-01	0.34343E+00	-0.29544E-01	-0.76219E+00	-0.28766E-01	0.66600E+00
19	-0.21854E+00	0.33734E+00	-0.35864E+00	-0.49243E+00	-0.82911E-01	0.54012E+00
20	-0.58056E-01	0.10927E+00	-0.17427E+00	-0.31498E+00	-0.41800E-01	0.41681E+00
21	-0.61031E-01	0.28960E+00	-0.14818E+00	-0.32923E+00	-0.55844E-01	0.45162E+00
22	-0.31707E-02	0.57305E+00	-0.38126E-01	-0.31045E+00	-0.43240E-01	0.44072E+00
23	-0.11949E+00	0.10322E+00	-0.19834E+00	-0.20555E+00	-0.24088E-01	0.32407E+00
24	-0.19499E+00	0.11951E+00	-0.23991E+00	-0.13868E+00	-0.13801E-02	0.32976E+00
25	-0.66092E-01	0.42419E+00	-0.90708E-01	-0.18495E+00	-0.32232E-01	0.37042E+00
26	0.22209E+00	0.85357E+00	0.18578E+00	-0.46350E-01	0.12433E-01	0.39321E+00
27	0.11921E+00	0.36867E+00	0.11205E+00	-0.97911E+00	-0.27902E-02	0.66973E+00
28	-0.24351E-01	0.44610E+00	-0.48121E-01	-0.81592E+00	-0.18868E-01	0.60834E+00
29	-0.36189E+00	0.49685E+00	-0.45810E+00	-0.57313E+00	-0.91110E-01	0.50012E+00
30	-0.14662E+00	0.46467E+00	-0.16564E+00	-0.38511E+00	-0.51374E-01	0.43574E+00
31	0.35770E-01	0.65981E+00	-0.34676E-01	-0.45485E+00	-0.71673E-01	0.45782E+00
32	-0.41197E-01	0.60263E+00	-0.93989E-01	-0.45586E+00	-0.64394E-01	0.45083E+00
33	0.22731E-01	0.70642E+00	0.29755E-01	-0.29009E+00	-0.15610E-02	0.41789E+00
34	0.43234E-01	0.68048E+00	0.31353E-01	-0.33802E+00	0.83573E-01	0.45488E+00
35	0.43481E+00	0.94097E+00	0.29104E+00	-0.38212E+00	0.91619E-02	0.45685E+00
36	-0.43386E-01	0.58168E+00	-0.72461E-01	-0.32871E+00	-0.76252E-01	0.48649E+00
37	0.35154E+00	0.82343E+00	0.20463E+00	-0.35389E+00	0.10376E-01	0.49851E+00
38	0.10490E+00	0.31272E+00	0.70074E-01	-0.10316E+01	-0.46041E-02	0.58741E+00
39	-0.40917E-02	0.38369E+00	-0.10551E+00	-0.87385E+00	-0.26214E-01	0.53162E+00
40	-0.33832E+00	0.53061E+00	-0.51089E+00	-0.71703E+00	-0.14680E+00	0.48703E+00
41	-0.28203E+00	0.47352E+00	-0.55748E+00	-0.74336E+00	-0.81886E-01	0.45412E+00
42	-0.20477E+00	0.32962E+00	-0.63036E+00	-0.71445E+00	-0.13264E+00	0.36768E+00
43	-0.17887E-02	0.66416E+00	-0.86488E-01	-0.55065E+00	-0.92311E-01	0.46139E+00
44	-0.10487E+00	0.43921E+00	-0.25555E+00	-0.57716E+00	-0.17533E+00	0.35053E+00
45	-0.76896E-03	0.43407E+00	-0.24750E+00	-0.58261E+00	-0.14106E+00	0.36527E+00
46	-0.66495E-01	0.35001E+00	-0.33402E+00	-0.57315E+00	-0.70360E-01	0.28868E+00
47	0.72200E-01	0.63441E+00	-0.85173E-03	-0.36288E+00	-0.63917E-01	0.51042E+00
48	0.55002E+00	0.95794E+00	0.33226E+00	-0.35874E+00	-0.36167E-01	0.51562E+00
49	0.24880E+00	0.79200E+00	0.10290E+00	-0.39961E+00	-0.14479E+00	0.57972E+00
50	0.99097E-01	0.50775E+00	-0.11309E+00	-0.41736E+00	-0.43448E+00	0.30352E+00
51	0.10717E-01	0.12615E+00	-0.18420E+00	-0.21544E-01	-0.47587E-01	0.59760E-01
52	-0.11353E+01	-0.14012E+01	-0.12954E+01	-0.24169E+00	-0.25354E+00	-0.91785E+00
53	-0.13110E+00	0.31137E+00	-0.38522E+00	-0.38338E+00	-0.15983E+00	0.24527E+00
54	0.35643E-01	0.15020E+00	-0.29399E-01	-0.10745E+01	0.68661E-02	0.47231E+00

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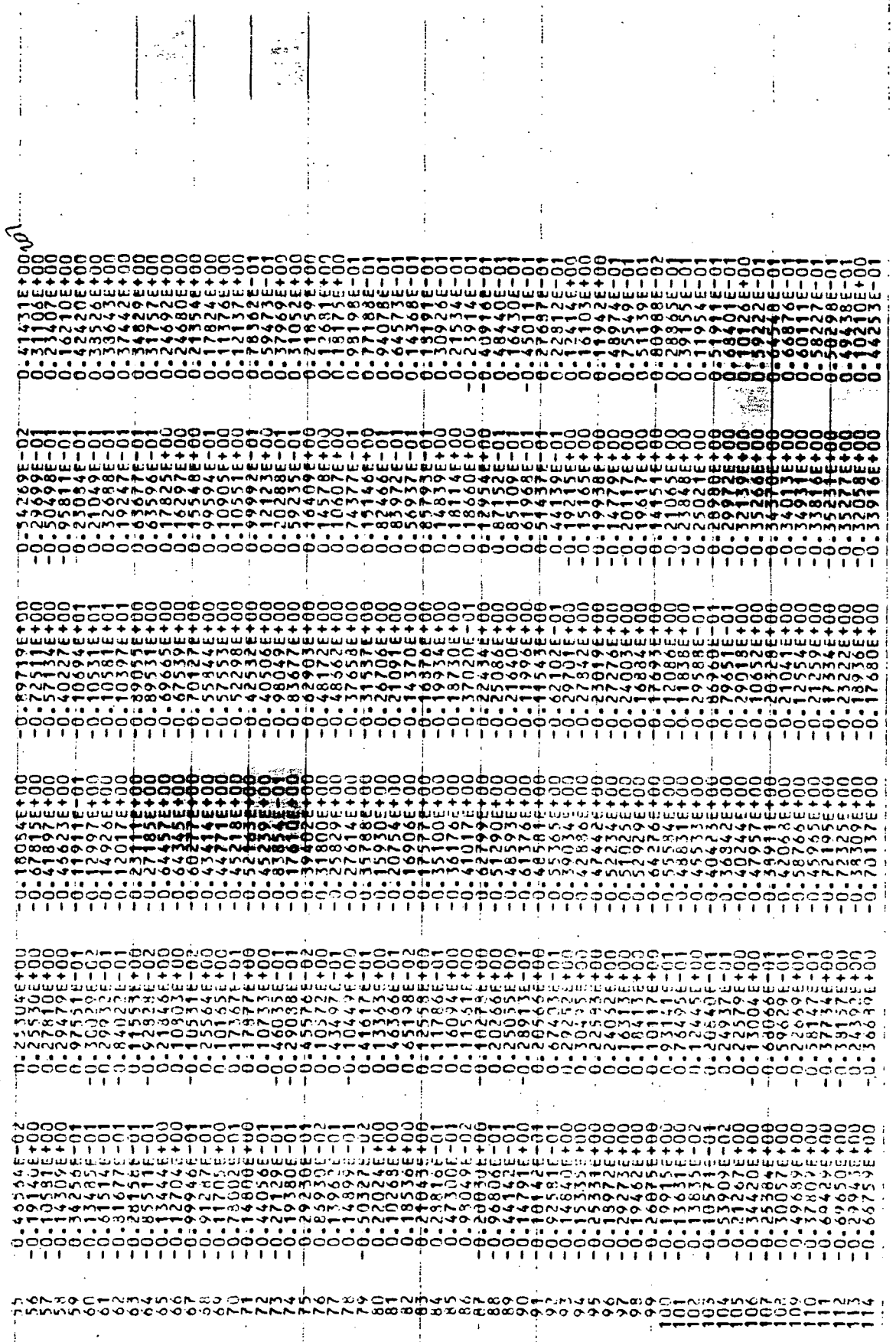

115	-0.67472E+00	-0.37549E+00	-0.71061E+00	-0.27031E+00	-0.33811E+00	0.42666E-01
116	-0.12705E+00	0.27470E+00	-0.32698E+00	-0.15189E+00	-0.31166E+00	0.55736E-01
117	-0.47327E+00	-0.26034E+00	-0.58744E+00	-0.18328E+00	-0.33201E+00	0.34655E-01
118	-0.48332E+00	-0.27426E+00	-0.59865E+00	-0.12503E+00	-0.33143E+00	0.31945E-01
119	-0.15407E+00	0.18944E+00	-0.33791E+00	-0.48310E-01	-0.31065E+00	0.35429E-01
120	-0.36138E+00	-0.20924E+00	-0.51607E+00	-0.59957E-01	-0.33259E+00	0.24516E-01
121	-0.37001E+00	-0.22543E+00	-0.52146E+00	-0.17043E-01	-0.33422E+00	0.21773E-01
122	-0.74410E-01	0.13064E+00	-0.23986E+00	0.58285E-01	-0.31953E+00	0.11023E-01
123	-0.22328E+00	-0.14642E+00	-0.41391E+00	0.32637E-01	-0.34570E+00	0.15434E-01
124	-0.23136E+00	-0.16464E+00	-0.41589E+00	0.61220E-01	-0.34875E+00	0.13375E-01
125	-0.10567E+00	0.86363E-02	-0.33964E+00	0.10646E+00	-0.32876E+00	0.31681E-01
126	-0.15509E+00	-0.13058E+00	-0.34655E+00	0.10393E+00	-0.34824E+00	0.83984E-02
127	-0.15827E+00	-0.14307E+00	-0.34360E+00	0.13579E+00	-0.35160E+00	0.69400E-02
128	-0.97055E-01	-0.32069E-01	-0.28273E+00	0.13833E+00	-0.33817E+00	0.30704E-01
129	-0.15538E+00	-0.15002E+00	-0.30322E+00	0.15278E+00	-0.34291E+00	0.59803E-02
130	-0.12357E+00	0.33211E+00	-0.32953E+00	-0.38559E+00	-0.32605E+00	0.31348E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.18491E+00	-0.12328E+01	0.10478E+01	-0.45948E+01	-0.14533E+02	0.78670E+00
131	-0.96675E-01	-0.64450E+00	0.54732E+00	-0.19940E+02	-0.28898E+02	-0.34450E+01
132	-0.96918E-01	-0.64612E+00	0.54920E+00	-0.32388E+02	-0.45688E+02	-0.46199E+01
133	-0.76660E-01	-0.51107E+00	0.43441E+00	-0.45365E+02	-0.61591E+02	-0.49805E+01
134	-0.13515E+00	-0.90097E+00	0.76582E+00	-0.59228E+02	-0.76559E+02	-0.33848E+01
135	-0.16435E+00	-0.10957E+01	0.93133E+00	-0.66431E+02	-0.85977E+02	-0.84494E+00
136	-0.14304E+00	-0.95356E+00	0.81055E+00	-0.74607E+02	-0.91089E+02	0.16746E+01
137	-0.18764E+00	-0.12509E+01	0.10633E+01	-0.84986E+02	-0.95430E+02	0.26799E+01
138	0.87461E-01	0.58308E+00	-0.54499E+00	-0.85840E+02	-0.14014E+03	0.35234E+01
139	0.77030E+00	0.51353E+01	-0.46359E+01	-0.92657E+02	-0.22929E+03	0.16461E+01
140	0.14770E+01	0.95464E+01	-0.83694E+01	-0.10499E+03	-0.27664E+03	0.22250E+01
141	0.13900E+01	0.92669E+01	-0.78763E+01	-0.10934E+03	-0.27873E+03	0.62528E+00
142	0.15705E+01	0.10470E+02	-0.88992E+01	-0.10971E+03	-0.27980E+03	0.10608E+01
143	0.16141E+01	0.10761E+02	-0.91466E+01	-0.24959E+01	-0.26434E+03	-0.62401E+02
144	0.19751E+01	0.13166E+02	-0.11192E+02	0.22239E+00	-0.26566E+03	-0.64807E+02
145	-0.49174E+00	-0.32793E+01	-0.22599E+01	0.14177E+03	-0.18475E+03	-0.62553E+02
146	-0.19295E+00	-0.12863E+01	-0.97417E+00	0.10747E+03	-0.13276E+03	-0.37146E+02
147	-0.19046E+00	-0.12698E+01	-0.98217E+00	0.10221E+03	-0.13164E+03	-0.36870E+02
148	-0.18722E+00	-0.12481E+01	-0.30978E+00	0.10432E+03	-0.12882E+03	-0.36456E+02
149	-0.18321E+00	-0.12214E+01	-0.32228E+00	0.11363E+03	-0.12432E+03	-0.36051E+02
150	-0.19899E+00	-0.13266E+01	-0.50104E+00	0.10378E+03	-0.12757E+03	-0.35643E+02
151	-0.23292E+00	-0.15528E+01	0.16016E+01	0.11899E+03	-0.13871E+03	-0.34694E+02
152	-0.23068E+00	-0.15379E+01	0.31393E+01	0.11709E+03	-0.13749E+03	-0.33266E+02
153	-0.22988E+00	-0.15325E+01	0.27279E+01	0.11291E+03	-0.13758E+03	-0.31307E+02
154	-0.23505E+00	-0.15670E+01	0.51875E+01	0.11083E+03	-0.14137E+03	-0.28985E+02
155	-0.24464E+00	-0.16309E+01	0.43660E+01	0.98723E+02	-0.14963E+03	-0.25583E+02
156	-0.24749E+00	-0.16499E+01	0.28498E+01	0.94333E+02	-0.15221E+03	-0.22181E+02
157	-0.24432E+00	-0.16288E+01	0.22632E+01	0.81968E+02	-0.15193E+03	-0.18653E+02
158	-0.23633E+00	-0.15756E+01	0.11509E+01	0.74788E+02	-0.14764E+03	-0.15169E+02
159	-0.22429E+00	-0.14952E+01	0.82813E+00	0.58872E+02	-0.14193E+03	-0.12004E+02
160	-0.20925E+00	-0.13950E+01	0.68307E-01	0.49683E+02	-0.13320E+03	-0.95455E+01
161	-0.21012E+00	-0.14008E+01	-0.57706E+00	0.34377E+02	-0.12711E+03	-0.66544E+01
162	-0.19536E+00	-0.13024E+01	-0.15155E+01	0.25533E+02	-0.11158E+03	-0.47718E+01
163	-0.20409E+00	-0.13606E+01	-0.16195E+01	0.14563E+02	-0.11839E+03	-0.38574E+01
164	-0.17525E+00	-0.11684E+01	-0.14310E+01	0.12925E+02	-0.10160E+03	-0.63513E+01

165	-0.56622E+02	-0.82939E+01	-0.42501E+01	-0.28157E+01	-0.93822E+02	-0.74365E+01
166	-0.66284E+02	-0.52976E+01	-0.43337E+01	-0.13882E+01	-0.85364E+02	-0.62102E+01
167	-0.49567E+02	-0.37239E+01	-0.34603E+01	-0.58447E+00	-0.71112E+02	-0.52148E+01
168	-0.35058E+02	-0.25952E+01	-0.25303E+01	0.20944E+00	-0.57002E+02	-0.43787E+01
169	-0.19054E+02	-0.36316E+00	-0.23720E+01	0.95920E+00	-0.46787E+02	-0.34571E+01
170	-0.37884E+01	0.23034E+01	-0.27238E+01	0.17330E+01	-0.39340E+02	-0.24400E+01
171	0.10448E+02	0.45830E+01	-0.28031E+01	0.27369E+01	-0.27133E+02	-0.11193E+01
172	0.17725E+02	0.52507E+01	-0.23468E+01	0.36393E+01	-0.12395E+02	0.13824E+00
173	0.15663E+02	0.38927E+01	-0.13397E+01	0.40115E+01	-0.10332E+01	0.80113E+00
174	0.78172E+01	0.16588E+01	-0.35873E+00	0.38237E+01	0.59025E+01	0.91407E+00
175	0.14400E+01	0.15856E+00	0.10494E+00	0.31000E+01	0.56376E+01	0.57918E+00
176	-0.41929E+00	-0.12515E+00	0.86440E-01	0.24779E+01	0.35259E+01	0.27702E+00
177	-0.18231E+00	-0.17835E-01	0.10330E-01	0.19274E+01	0.24971E+01	0.17720E+00
178	0.91090E-01	0.62753E-02	0.17572E-01	0.14044E+01	0.17940E+01	0.14479E+00
179	-0.52623E-01	-0.25418E-01	0.23662E-01	0.99383E+00	0.12248E+01	0.73748E-01
180	-0.16683E-01	0.20977E-02	-0.49647E-03	0.61917E+00	0.70074E+00	0.30021E-01
181	0.76560E-03	-0.14409E-01	0.15342E-01	0.25451E+00	-0.32383E+00	-0.22058E-01
182	-0.65385E-02	-0.30262E-02	0.17786E-02	0.88048E-03	-0.13714E+00	-0.38300E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.22273E-01	0.53392E-04	0.22503E-01	0.00000E+00
3	-0.42158E-01	0.12193E-03	0.42029E-01	0.00000E+00
4	-0.47299E-01	0.12020E-03	0.47058E-01	0.00000E+00
5	-0.54469E-01	0.73463E-04	0.54448E-01	0.00000E+00
6	-0.59443E-01	-0.11054E-04	0.59442E-01	0.00000E+00
7	-0.54555E-01	-0.69160E-03	0.54742E-01	0.00000E+00
8	-0.59615E-01	-0.66594E-03	0.59746E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.22557E-01	-0.49519E-03	0.22697E-01	0.00000E+00
11	-0.42232E-01	-0.98777E-03	0.42530E-01	0.00000E+00
12	-0.47215E-01	-0.12124E-02	0.47704E-01	0.00000E+00
13	-0.54737E-01	-0.13459E-02	0.55224E-01	0.00000E+00
14	-0.59985E-01	-0.13804E-02	0.60568E-01	0.00000E+00
15	-0.55217E-01	-0.28163E-02	0.56461E-01	0.00000E+00
16	-0.60618E-01	-0.26931E-02	0.61945E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.22165E-01	-0.13170E-02	0.23202E-01	0.00000E+00
19	-0.42070E-01	-0.30292E-02	0.43781E-01	0.00000E+00
20	-0.47390E-01	-0.38072E-02	0.49319E-01	0.00000E+00
21	-0.55713E-01	-0.41113E-02	0.57756E-01	0.00000E+00
22	-0.61553E-01	-0.48923E-02	0.63925E-01	0.00000E+00
23	-0.56425E-01	-0.67109E-02	0.59543E-01	0.00000E+00
24	-0.62836E-01	-0.67419E-02	0.66591E-01	0.00000E+00
25	-0.63624E-01	-0.87991E-02	0.68220E-01	0.00000E+00
26	-0.64095E-01	-0.96722E-02	0.69184E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.20667E-01	-0.21146E-02	0.23061E-01	0.00000E+00
29	-0.40242E-01	-0.52510E-02	0.44104E-01	0.00000E+00
30	-0.46248E-01	-0.70264E-02	0.50301E-01	0.00000E+00
31	-0.55969E-01	-0.90204E-02	0.60928E-01	0.00000E+00
32	-0.64540E-01	-0.10665E-01	0.70201E-01	0.00000E+00
33	-0.55648E-01	-0.95227E-02	0.61175E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.20001E-01	-0.30530E-02	0.22699E-01	0.00000E+00
36	-0.39273E-01	-0.52325E-02	0.43579E-01	0.00000E+00
37	-0.45369E-01	-0.70659E-02	0.49718E-01	0.00000E+00
38	-0.55369E-01	-0.93228E-02	0.61107E-01	0.00000E+00
39	-0.65185E-01	-0.11053E-01	0.71913E-01	0.00000E+00
40	-0.65059E-01	-0.11022E-01	0.71551E-01	0.00000E+00
41	-0.64933E-01	-0.10992E-01	0.71205E-01	0.00000E+00
42	-0.64794E-01	-0.10935E-01	0.70766E-01	0.00000E+00
43	-0.43718E-01	-0.62258E-02	0.47338E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.17663E-01	-0.17091E-02	0.20243E-01	0.00000E+00
46	-0.35802E-01	-0.42422E-02	0.38843E-01	0.00000E+00
47	-0.65219E-01	-0.11053E-01	0.72028E-01	0.00000E+00
48	-0.65228E-01	-0.11054E-01	0.72033E-01	0.00000E+00
49	-0.55250E-01	-0.92071E-02	0.60966E-01	0.00000E+00
50	-0.65273E-01	-0.11117E-01	0.72176E-01	0.00000E+00
51	-0.53606E-01	-0.61805E-02	0.57350E-01	0.00000E+00
52	-0.63053E-01	-0.10935E-01	0.66317E-01	0.00000E+00
53	-0.65191E-01	-0.11025E-01	0.72020E-01	0.00000E+00
54	-0.41760E-01	-0.57386E-02	0.44224E-01	0.00000E+00
55	-0.51317E-01	-0.77269E-02	0.53209E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.15329E-01	-0.77513E-03	0.16446E-01	0.00000E+00
58	-0.32045E-01	-0.30427E-02	0.32411E-01	0.00000E+00
59	-0.59669E-01	-0.97945E-02	0.60525E-01	0.00000E+00
60	-0.62111E-01	-0.10645E-01	0.64548E-01	0.00000E+00
61	-0.65286E-01	-0.11158E-01	0.72274E-01	0.00000E+00
62	-0.37627E-01	-0.41584E-02	0.37049E-01	0.00000E+00
63	-0.46176E-01	-0.53019E-02	0.44193E-01	0.00000E+00
64	-0.63494E-01	-0.11084E-01	0.66792E-01	0.00000E+00
65	-0.65299E-01	-0.11197E-01	0.72369E-01	0.00000E+00
66	-0.65403E-01	-0.11275E-01	0.72561E-01	0.00000E+00
67	-0.65508E-01	-0.11355E-01	0.72757E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.13932E-01	-0.43524E-03	0.12524E-01	0.00000E+00
70	-0.28095E-01	-0.11535E-02	0.24131E-01	0.00000E+00
71	-0.54423E-01	-0.75764E-02	0.50907E-01	0.00000E+00
72	-0.63475E-01	-0.11193E-01	0.65807E-01	0.00000E+00
73	-0.40933E-01	-0.29385E-02	0.33571E-01	0.00000E+00
74	-0.65867E-01	-0.11840E-01	0.67811E-01	0.00000E+00
75	-0.65595E-01	-0.11421E-01	0.72932E-01	0.00000E+00
76	-0.66155E-01	-0.11543E-01	0.73229E-01	0.00000E+00
77	-0.48341E-01	-0.42325E-02	0.38667E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.12592E-01	0.40816E-03	0.84268E-02	0.00000E+00
80	-0.24962E-01	0.45070E-03	0.15987E-01	0.00000E+00
81	-0.28377E-01	0.40319E-03	0.18181E-01	0.00000E+00
82	-0.35669E-01	-0.38031E-03	0.22107E-01	0.00000E+00
83	-0.62431E-01	-0.95777E-02	0.57075E-01	0.00000E+00
84	-0.51556E-01	-0.33002E-02	0.34266E-01	0.00000E+00
85	-0.67350E-01	-0.11701E-01	0.73615E-01	0.00000E+00
86	-0.68473E-01	-0.12366E-01	0.69957E-01	0.00000E+00
87	-0.42371E-01	-0.12927E-02	0.26249E-01	0.00000E+00
88	-0.66190E-01	-0.11141E-01	0.63901E-01	0.00000E+00
89	-0.68416E-01	-0.11342E-01	0.75982E-01	0.00000E+00
90	-0.26124E-01	0.24110E-03	0.34027E-02	0.00000E+00
91	-0.29464E-01	-0.23796E-03	0.32795E-02	0.00000E+00
92	-0.32071E-01	-0.72470E-03	0.38491E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.75760E-02	0.00000E+00	-0.57552E-02	0.00000E+00
95	-0.14439E-01	0.00000E+00	-0.10258E-01	0.00000E+00
96	-0.16295E-01	0.00000E+00	-0.11255E-01	0.00000E+00
97	-0.19231E-01	0.00000E+00	-0.11276E-01	0.00000E+00
98	-0.20669E-01	0.00000E+00	-0.10982E-01	0.00000E+00
99	-0.24338E-01	0.33282E-04	-0.37267E-02	0.00000E+00
100	-0.36305E-01	-0.12498E-02	0.87977E-02	0.00000E+00
101	-0.59803E-01	-0.52183E-02	0.37786E-01	0.00000E+00
102	-0.71265E-01	-0.12023E-01	0.74495E-01	0.00000E+00
103	-0.67314E-01	-0.10791E-01	0.60328E-01	0.00000E+00
104	-0.72919E-01	-0.13153E-01	0.72644E-01	0.00000E+00
105	-0.73597E-01	-0.12188E-01	0.74933E-01	0.00000E+00
106	-0.71021E-01	-0.11742E-01	0.62415E-01	0.00000E+00
107	-0.76281E-01	-0.13852E-01	0.74351E-01	0.00000E+00
108	-0.75619E-01	-0.12313E-01	0.75292E-01	0.00000E+00
109	-0.77209E-01	-0.12411E-01	0.75545E-01	0.00000E+00
110	-0.76403E-01	-0.13081E-01	0.64516E-01	0.00000E+00
111	-0.78935E-01	-0.14467E-01	0.75442E-01	0.00000E+00
112	-0.78537E-01	-0.12481E-01	0.75693E-01	0.00000E+00
113	-0.77867E-01	-0.13267E-01	0.67103E-01	0.00000E+00
114	-0.79432E-01	-0.12511E-01	0.75712E-01	0.00000E+00
115	-0.80020E-01	-0.12520E-01	0.75611E-01	0.00000E+00
116	-0.80227E-01	-0.12503E-01	0.75353E-01	0.00000E+00

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117	-0.79571E-01	-0.14514E-01	0.75351E-01	0.00000E+00
118	-0.80221E-01	-0.12438E-01	0.75180E-01	0.00000E+00
119	-0.80117E-01	-0.12450E-01	0.74808E-01	0.00000E+00
120	-0.80277E-01	-0.14454E-01	0.74792E-01	0.00000E+00
121	-0.79917E-01	-0.12388E-01	0.74307E-01	0.00000E+00
122	-0.79908E-01	-0.12321E-01	0.74371E-01	-0.16934E-04
123	-0.79854E-01	-0.12172E-01	0.74398E-01	-0.31313E-04
124	-0.79759E-01	-0.11925E-01	0.74427E-01	-0.49312E-04
125	-0.79587E-01	-0.11550E-01	0.74443E-01	-0.73311E-04
126	-0.79143E-01	-0.10615E-01	0.74481E-01	-0.10927E-03
127	-0.78569E-01	-0.94121E-02	0.74507E-01	-0.12763E-03
128	-0.77271E-01	-0.65217E-02	0.74560E-01	-0.12720E-03
129	-0.76196E-01	-0.39754E-02	0.74602E-01	-0.10150E-03
130	-0.75370E-01	-0.18544E-02	0.74645E-01	-0.52118E-04
131	-0.74876E-01	-0.37095E-03	0.74712E-01	-0.10898E-04
132	-0.74726E-01	-0.46777E-03	0.74780E-01	0.95553E-05
133	-0.75053E-01	-0.88099E-03	0.74848E-01	0.68180E-05
134	-0.75037E-01	-0.96116E-03	0.74910E-01	-0.16939E-05
135	-0.75066E-01	-0.74416E-03	0.74962E-01	-0.56518E-05
136	-0.75047E-01	-0.49391E-03	0.74999E-01	-0.47734E-05
137	-0.75038E-01	-0.26702E-03	0.75025E-01	-0.48400E-05
138	-0.75033E-01	-0.37792E-04	0.75033E-01	-0.43657E-05
139	-0.75033E-01	-0.49099E-05	0.75033E-01	-0.48878E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2300E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.11518E+00	-0.14694E+00	-0.65271E-01	-0.27608E+01	-0.67374E-02	0.27789E+01
2	-0.10363E+00	-0.13822E+00	-0.34832E-01	-0.24808E+01	0.53561E-02	0.24549E+01
3	-0.13233E-01	-0.93957E-01	0.49378E-01	-0.20428E+01	0.55635E-01	0.20197E+01
4	-0.18457E+00	-0.17264E+00	-0.18070E+00	-0.16922E+01	0.66630E-01	0.16905E+01
5	0.23684E-01	-0.54451E-01	0.60870E-01	-0.17014E+01	0.32125E-01	0.17023E+01
6	-0.14561E+00	-0.13757E+00	0.42363E-02	-0.17478E+01	0.45044E-01	0.17468E+01
7	-0.57905E-01	-0.22615E-01	0.42089E-01	-0.12537E+01	0.27830E-01	0.12358E+01
8	-0.13623E+00	-0.38424E-01	0.47059E-01	-0.12788E+01	0.75975E-01	0.12825E+01
9	-0.29331E+00	-0.54471E+00	-0.29326E+00	-0.27644E+01	0.43358E-02	0.28280E+01
10	-0.24893E+00	-0.56013E+00	-0.21008E+00	-0.25283E+01	0.26510E-01	0.25438E+01
11	-0.11130E+00	-0.47841E+00	0.11603E+00	-0.22436E+01	0.10620E+00	0.21937E+01
12	-0.40690E+00	-0.29142E+00	-0.11910E+00	-0.18952E+01	0.16614E+00	0.17681E+01
13	-0.66609E-01	-0.16789E+00	0.11179E+00	-0.19490E+01	0.72381E-01	0.18797E+01
14	-0.46326E+00	-0.41444E+00	-0.11159E+00	-0.20380E+01	0.14832E+00	0.20044E+01
15	-0.30019E+00	-0.79334E-01	0.32235E-01	-0.14447E+01	0.17028E+00	0.13622E+01
16	-0.35339E+00	-0.62436E-01	0.85785E-01	-0.15025E+01	0.20561E+00	0.14828E+01
17	-0.39568E+00	-0.92707E+00	-0.45628E+00	-0.26476E+01	-0.31446E-01	0.28534E+01
18	-0.16635E+00	-0.10132E+01	-0.27977E+00	-0.25275E+01	-0.61699E-01	0.26330E+01
19	-0.35293E+00	-0.10207E+01	0.25734E+00	-0.24888E+01	-0.77631E-01	0.24430E+01
20	-0.63583E+00	-0.51230E+00	-0.18369E+00	-0.22735E+01	0.22424E+00	0.20314E+01
21	-0.91956E-01	-0.86532E+00	-0.76773E-01	-0.23663E+01	-0.21881E-01	0.23212E+01
22	-0.73226E+00	-0.17556E+01	-0.63555E+00	-0.25119E+01	0.11489E+00	0.25436E+01
23	-0.63055E+00	-0.27393E+00	-0.44849E-01	-0.18464E+01	0.28881E+00	0.16984E+01
24	-0.11996E+01	-0.64474E+00	-0.36361E+00	-0.21800E+01	0.45479E+00	0.18388E+01
25	-0.74490E+00	-0.10971E+01	-0.33391E+00	-0.21816E+01	0.24604E+00	0.21175E+01
26	-0.26669E+01	-0.27945E+01	-0.17388E+01	-0.26006E+01	0.53606E+00	0.23757E+01
27	-0.41964E+00	-0.10889E+01	-0.51761E+00	-0.24785E+01	-0.73952E-01	0.28216E+01
28	-0.74173E-01	-0.12449E+01	-0.30432E+00	-0.23677E+01	-0.18594E+00	0.26506E+01
29	0.86964E+00	-0.13059E+01	0.38742E+00	-0.22271E+01	-0.46444E+00	0.25583E+01
30	-0.11446E+00	-0.13249E+01	-0.17663E+00	-0.23782E+01	-0.90947E-02	0.25534E+01
31	-0.12738E+00	-0.16962E+01	-0.35991E+00	-0.21466E+01	-0.29665E+00	0.26457E+01
32	-0.39301E+00	-0.17011E+01	-0.43687E+00	-0.20485E+01	-0.18334E+00	0.27051E+01
33	-0.18152E+01	-0.22641E+01	-0.11773E+01	-0.23453E+01	0.32581E+00	0.24984E+01
34	-0.38745E+01	-0.35358E+01	-0.24892E+01	-0.23557E+01	0.70803E+00	0.27148E+01
35	-0.16235E+01	-0.20325E+01	-0.98169E+00	-0.22707E+01	0.23795E+00	0.27106E+01
36	0.10672E+00	-0.99339E+00	0.10471E+00	-0.21811E+01	-0.20427E+00	0.27822E+01
37	-0.18718E+01	-0.24061E+01	-0.12282E+01	-0.23996E+01	0.25547E+00	0.28872E+01
38	-0.32550E+00	-0.94972E+00	-0.43733E+00	-0.22895E+01	-0.11203E+00	0.26428E+01
39	0.63301E-01	-0.10678E+01	-0.21983E+00	-0.22378E+01	-0.31409E+00	0.24781E+01
40	0.90599E+00	-0.13277E+01	0.33565E+00	-0.19979E+01	-0.84482E+00	0.25203E+01
41	0.11162E+01	-0.93141E+00	0.42965E+00	-0.21194E+01	-0.80755E+00	0.24535E+01
42	0.12613E+01	-0.93289E+00	0.38351E+00	-0.20481E+01	-0.98229E+00	0.21676E+01
43	0.16781E+00	-0.12917E+01	-0.97021E-01	-0.20175E+01	-0.48172E+00	0.27044E+01
44	0.52279E+00	-0.92136E+00	0.13718E+00	-0.19559E+01	-0.76347E+00	0.23606E+01
45	0.85548E+00	-0.74993E+00	0.23431E+00	-0.20674E+01	-0.75425E+00	0.23332E+01
46	0.44850E+00	-0.10616E+01	-0.86774E-01	-0.19899E+01	-0.57230E+00	0.20865E+01
47	-0.65252E+00	-0.16323E+01	-0.44280E+00	-0.22570E+01	-0.13567E+00	0.29077E+01
48	-0.89442E+00	-0.18476E+01	-0.61407E+00	-0.23969E+01	-0.19286E+00	0.29425E+01
49	-0.92436E-01	-0.14953E+01	-0.22146E+00	-0.23411E+01	-0.59657E+00	0.31027E+01
50	0.20997E+01	-0.44147E+00	0.97492E+00	-0.19670E+01	-0.15532E+01	0.21853E+01
51	0.37697E+00	0.37365E-01	0.67938E+00	-0.93800E-01	-0.20390E+00	0.60643E+00
52	0.17645E+01	0.98336E+00	0.15264E+01	0.10227E+01	-0.84719E+00	-0.24932E+01
53	0.89157E+00	-0.10533E+01	0.70063E-01	-0.17773E+01	-0.83715E+00	0.19063E+01
54	-0.36654E-01	-0.51144E+00	-0.17926E+00	-0.19820E+01	-0.15348E+00	0.22517E+01

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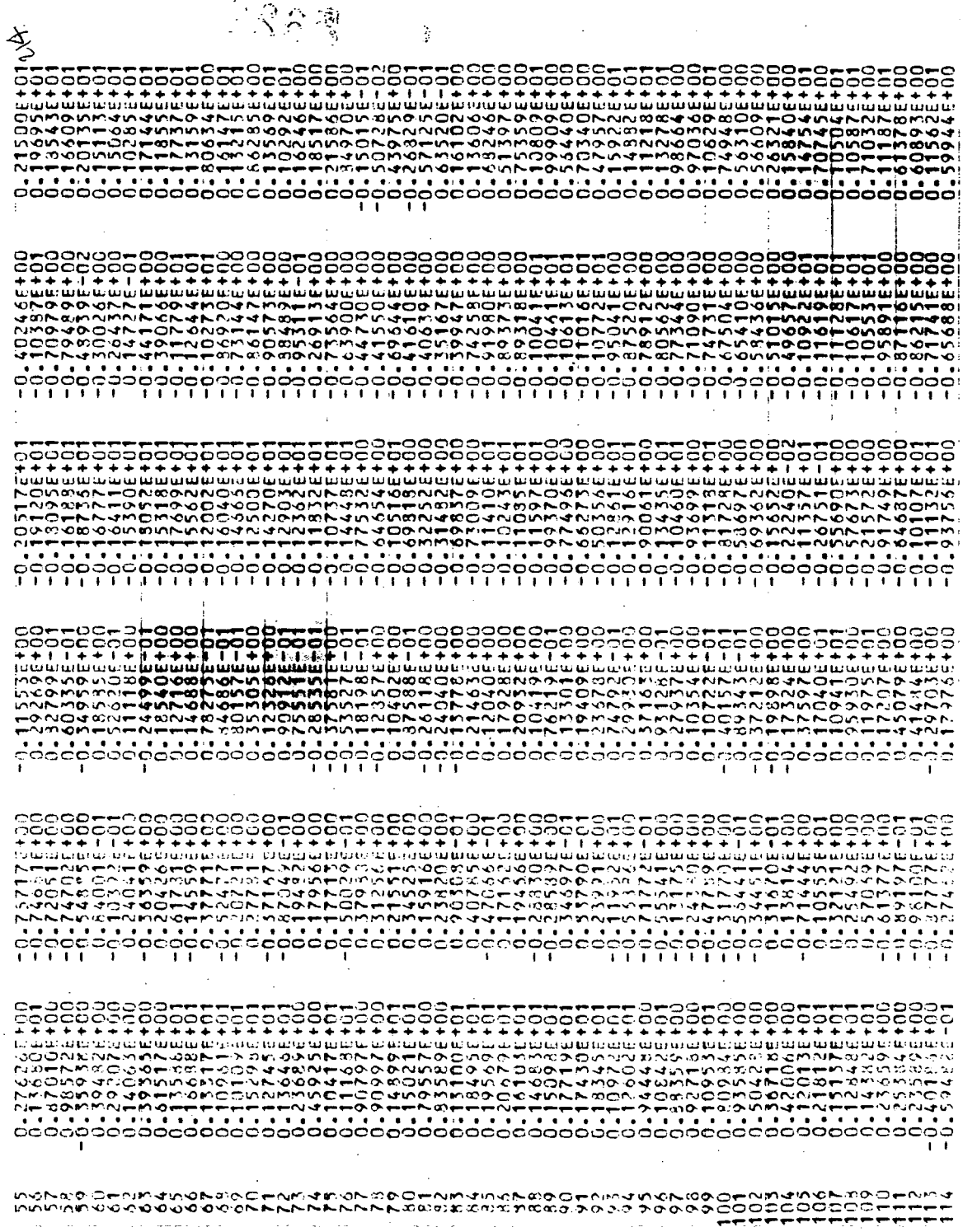

115	-0.10173E+00	-0.25696E+00	0.86480E-01	-0.16139E+01	-0.63136E+00	0.58272E+00
116	-0.24997E+00	-0.83043E+00	-0.33378E+00	-0.13032E+01	-0.46773E+00	0.10247E+01
117	0.34811E+00	-0.90302E-02	0.23664E+00	-0.13938E+01	-0.34609E+00	0.55133E+00
118	0.30332E+00	-0.16424E-01	0.13205E+00	-0.12261E+01	-0.31619E+00	0.51119E+00
119	-0.94294E-02	-0.66408E+00	-0.32550E+00	-0.10717E+01	-0.22301E+00	0.77374E+00
120	0.41105E+00	0.54215E-01	0.93833E-01	-0.10564E+01	-0.12861E+00	0.46088E+00
121	0.38531E+00	0.57913E-01	0.25767E-01	-0.91466E+00	-0.10745E+00	0.40625E+00
122	-0.17363E+00	-0.75851E+00	-0.55615E+00	-0.94652E+00	-0.42403E-01	0.61840E+00
123	-0.58521E-03	-0.16783E+00	-0.30423E+00	-0.74969E+00	0.47980E-01	0.34208E+00
124	-0.76185E-02	-0.15168E+00	-0.33727E+00	-0.58310E+00	0.61133E-01	0.27709E+00
125	0.56346E-01	-0.13593E+00	-0.30713E+00	-0.51990E+00	0.69275E-01	0.30361E+00
126	-0.13663E+00	-0.21427E+00	-0.46524E+00	-0.38487E+00	0.11569E+00	0.19264E+00
127	-0.13089E+00	-0.19502E+00	-0.47013E+00	-0.26619E+00	0.12101E+00	0.14483E+00
128	-0.33636E+00	-0.33023E+00	-0.61513E+00	-0.30632E+00	0.14570E+00	0.15720E+00
129	-0.70894E+00	-0.54396E+00	-0.88724E+00	-0.17155E+00	0.20360E+00	0.58867E-01
183	0.14012E+01	-0.95903E+00	0.37952E+00	-0.18668E+01	-0.11670E+01	0.21709E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.33969E+00	0.22646E+01	-0.19249E+01	-0.29349E+02	0.19200E+02	0.14446E+02
131	0.13616E+00	0.90772E+00	-0.77156E+00	-0.63120E+02	0.34401E+02	0.46882E+02
132	0.24211E+00	0.16141E+01	-0.13720E+01	-0.10866E+03	0.54169E+02	0.79838E+02
133	0.16919E+00	0.11279E+01	-0.95875E+00	-0.16148E+03	0.73269E+02	0.11642E+03
134	0.32279E+00	0.21519E+01	-0.18291E+01	-0.22239E+03	0.92165E+02	0.15925E+03
135	0.46854E+00	0.31235E+01	-0.26550E+01	-0.27476E+03	0.10554E+03	0.19762E+03
136	0.30933E+00	0.20622E+01	-0.17529E+01	-0.31251E+03	0.11179E+03	0.22408E+03
137	0.34859E+00	0.23239E+01	-0.19754E+01	-0.29284E+03	0.12428E+03	0.23575E+03
138	0.32125E+00	0.21416E+01	-0.14655E+01	-0.30475E+03	0.21769E+03	0.25474E+03
139	-0.11368E+01	-0.75789E+01	0.77924E+01	-0.28753E+03	0.40668E+03	0.27015E+03
140	-0.31117E+01	-0.20744E+02	0.17633E+02	-0.38383E+03	0.49116E+03	0.30740E+03
141	-0.29486E+01	-0.19657E+02	0.16709E+02	-0.38306E+03	0.49771E+03	0.32899E+03
142	-0.34232E+01	-0.22821E+02	0.19398E+02	-0.40808E+03	0.49856E+03	0.35044E+03
143	-0.34995E+01	-0.23330E+02	0.19830E+02	0.18690E+03	0.58708E+03	-0.27032E+03
144	-0.38600E+01	-0.25733E+02	0.21873E+02	0.17880E+03	0.57799E+03	-0.25173E+03
145	0.10676E+01	0.71175E+01	-0.30505E+00	-0.27290E+03	0.40634E+03	-0.64095E+03
146	0.43280E+00	0.28853E+01	-0.16391E+01	-0.27451E+03	0.29278E+03	-0.56283E+03
147	0.43799E+00	0.29200E+01	-0.15940E+01	-0.25764E+03	0.29932E+03	-0.55481E+03
148	0.44328E+00	0.29552E+01	0.17093E+01	-0.25594E+03	0.30365E+03	-0.55678E+03
149	0.44886E+00	0.29924E+01	0.16709E+01	-0.26283E+03	0.30693E+03	-0.56774E+03
150	0.50490E+00	0.33660E+01	0.13880E+01	-0.21402E+03	0.33109E+03	-0.55232E+03
151	0.59645E+00	0.39763E+01	0.13073E+02	-0.21903E+03	0.36806E+03	-0.56678E+03
152	0.55210E+00	0.36807E+01	0.22658E+02	-0.21403E+03	0.33900E+03	-0.56369E+03
153	0.43967E+00	0.32645E+01	0.20083E+02	-0.19350E+03	0.30012E+03	-0.55253E+03
154	0.36404E+00	0.24269E+01	0.37952E+02	-0.17480E+03	0.21848E+03	-0.53896E+03
155	0.18900E+00	0.12600E+01	0.30985E+02	-0.16418E+03	0.10241E+03	-0.50633E+03
156	0.41789E-01	0.27859E+00	0.26966E+02	-0.13978E+03	0.71229E+01	-0.47151E+03
157	-0.82402E-01	-0.54935E+00	0.21346E+02	-0.12020E+03	-0.73419E+02	-0.42197E+03
158	-0.18659E+00	-0.12439E+01	0.18125E+02	-0.99779E+02	-0.14039E+03	-0.37358E+03
159	-0.27166E+00	-0.18110E+01	0.12596E+02	-0.62678E+02	-0.19200E+03	-0.31164E+03
160	-0.33642E+00	-0.22428E+01	0.88062E+01	-0.45077E+02	-0.23289E+03	-0.25335E+03
161	-0.42392E+00	-0.28261E+01	0.45922E+01	-0.20263E+02	-0.26990E+03	-0.18287E+03
162	-0.46112E+00	-0.30742E+01	0.16526E+01	-0.79112E+01	-0.27361E+03	-0.13214E+03
163	-0.55568E+00	-0.37045E+01	0.42547E+00	0.83457E+01	-0.32703E+03	-0.95823E+02
164	-0.56621E+00	-0.39081E+01	-0.60069E+00	0.28332E+02	-0.34207E+03	-0.64107E+02

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165	-0.36611E+03	-0.61530E+02	0.50691E+01	-0.21657E+02	-0.35984E+03	-0.48131E+02
166	-0.30526E+03	-0.47444E+02	0.22581E+00	-0.16979E+02	-0.33694E+03	-0.43644E+02
167	-0.24829E+03	-0.35484E+02	-0.25372E+01	-0.14184E+02	-0.29025E+03	-0.39912E+02
168	-0.19535E+03	-0.26072E+02	-0.37768E+01	-0.11356E+02	-0.24158E+03	-0.36734E+02
169	-0.13116E+03	-0.14615E+02	-0.53914E+01	-0.87070E+01	-0.20962E+03	-0.33144E+02
170	-0.66195E+02	-0.24108E+01	-0.77387E+01	-0.56533E+01	-0.19009E+03	-0.28991E+02
171	0.21624E+01	0.96999E+01	-0.93237E+01	-0.14738E+01	-0.15222E+03	-0.23107E+02
172	0.45214E+02	0.15906E+02	-0.68745E+01	0.29665E+01	-0.99996E+02	-0.16715E+02
173	0.50194E+02	0.13582E+02	-0.57827E+01	0.56698E+01	-0.52126E+02	-0.12277E+02
174	0.32331E+02	0.70902E+01	-0.21038E+01	0.66758E+01	-0.16147E+02	-0.93776E+01
175	0.84691E+01	0.97242E+00	0.25387E+00	0.53738E+01	-0.49525E+01	-0.84209E+01
176	-0.86665E+00	-0.74758E+00	0.53878E+00	0.38520E+01	-0.82470E+01	-0.80859E+01
177	-0.19907E+01	-0.59957E+00	0.25318E+00	0.26497E+01	-0.10715E+02	-0.67578E+01
178	-0.66440E+00	-0.10438E+00	-0.49038E-02	0.18205E+01	-0.83943E+01	-0.49087E+01
179	0.15308E+00	0.55112E-01	-0.34727E-01	0.14404E+01	-0.59947E+01	-0.34719E+01
180	-0.59274E-02	0.18260E-01	-0.19667E-01	0.10314E+01	-0.35292E+01	-0.21026E+01
181	0.52855E-01	0.54801E-01	-0.42570E-01	0.72015E+00	-0.16192E+01	-0.74791E+00
182	-0.23064E+00	-0.10711E+00	0.63059E-01	0.21539E+00	0.35344E+00	0.77570E-02

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.58013E-01	-0.11713E-03	-0.58576E-01	0.00000E+00
3	0.10623E+00	0.25565E-04	-0.10809E+00	0.00000E+00
4	0.12070E+00	0.53922E-04	-0.12023E+00	0.00000E+00
5	0.13766E+00	-0.67574E-04	-0.13761E+00	0.00000E+00
6	0.14898E+00	0.18888E-04	-0.14899E+00	0.00000E+00
7	0.13777E+00	0.16878E-02	-0.13796E+00	0.00000E+00
8	0.14935E+00	0.15733E-02	-0.14954E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.57419E-01	0.99067E-03	-0.57365E-01	0.00000E+00
11	0.10715E+00	0.21754E-02	-0.10735E+00	0.00000E+00
12	0.11983E+00	0.26350E-02	-0.12031E+00	0.00000E+00
13	0.13795E+00	0.28580E-02	-0.13848E+00	0.00000E+00
14	0.15020E+00	0.28157E-02	-0.15106E+00	0.00000E+00
15	0.13880E+00	0.52034E-02	-0.14063E+00	0.00000E+00
16	0.15163E+00	0.48240E-02	-0.15365E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.55952E-01	0.21962E-02	-0.57438E-01	0.00000E+00
19	0.10606E+00	0.51817E-02	-0.10849E+00	0.00000E+00
20	0.11965E+00	0.64941E-02	-0.12231E+00	0.00000E+00
21	0.13965E+00	0.68894E-02	-0.14265E+00	0.00000E+00
22	0.15373E+00	0.66905E-02	-0.15743E+00	0.00000E+00
23	0.14094E+00	0.10391E-01	-0.14571E+00	0.00000E+00
24	0.15661E+00	0.99784E-02	-0.16263E+00	0.00000E+00
25	0.15835E+00	0.12729E-01	-0.16586E+00	0.00000E+00
26	0.15939E+00	0.13769E-01	-0.16779E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.53054E-01	0.29832E-02	-0.56023E-01	0.00000E+00
29	0.10260E+00	0.76564E-02	-0.10740E+00	0.00000E+00
30	0.11754E+00	0.10248E-01	-0.12266E+00	0.00000E+00
31	0.14053E+00	0.13032E-01	-0.14782E+00	0.00000E+00
32	0.16041E+00	0.14856E-01	-0.16982E+00	0.00000E+00
33	0.14011E+00	0.13643E-01	-0.14811E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.51945E-01	0.27648E-02	-0.55044E-01	0.00000E+00
36	0.10100E+00	0.72773E-02	-0.10587E+00	0.00000E+00
37	0.11607E+00	0.97871E-02	-0.12093E+00	0.00000E+00
38	0.13971E+00	0.13018E-01	-0.14775E+00	0.00000E+00
39	0.16180E+00	0.15447E-01	-0.17309E+00	0.00000E+00
40	0.16152E+00	0.15406E-01	-0.17239E+00	0.00000E+00
41	0.16123E+00	0.15365E-01	-0.17173E+00	0.00000E+00
42	0.16095E+00	0.15284E-01	-0.17091E+00	0.00000E+00
43	0.11327E+00	0.78687E-02	-0.11514E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.48100E-01	0.18411E-02	-0.49169E-01	0.00000E+00
46	0.95052E-01	0.48742E-02	-0.94612E-01	0.00000E+00
47	0.16187E+00	0.15447E-01	-0.17328E+00	0.00000E+00
48	0.16189E+00	0.15448E-01	-0.17332E+00	0.00000E+00
49	0.13952E+00	0.12750E-01	-0.14737E+00	0.00000E+00
50	0.16199E+00	0.15546E-01	-0.17374E+00	0.00000E+00
51	0.13652E+00	0.10622E-01	-0.13865E+00	0.00000E+00
52	0.15762E+00	0.15252E-01	-0.15962E+00	0.00000E+00
53	0.16180E+00	0.15399E-01	-0.17316E+00	0.00000E+00
54	0.10965E+00	0.68732E-02	-0.10788E+00	0.00000E+00
55	0.13215E+00	0.97202E-02	-0.12903E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.44375E-01	0.30494E-03	-0.41742E-01	0.00000E+00
58	0.88496E-01	0.27285E-02	-0.81321E-01	0.00000E+00
59	0.15098E+00	0.12874E-01	-0.14631E+00	0.00000E+00
60	0.15575E+00	0.14629E-01	-0.15544E+00	0.00000E+00
61	0.16202E+00	0.15611E-01	-0.17400E+00	0.00000E+00
62	0.10222E+00	0.38685E-02	-0.92673E-01	0.00000E+00
63	0.12255E+00	0.59040E-02	-0.10967E+00	0.00000E+00
64	0.15860E+00	0.15455E-01	-0.16076E+00	0.00000E+00
65	0.16205E+00	0.15672E-01	-0.17425E+00	0.00000E+00
66	0.16226E+00	0.15793E-01	-0.17477E+00	0.00000E+00
67	0.16252E+00	0.15916E-01	-0.17529E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.41971E-01	-0.22084E-03	-0.34776E-01	0.00000E+00
70	0.61375E-01	-0.13976E-03	-0.67385E-01	0.00000E+00
71	0.14121E+00	0.31654E-02	-0.12505E+00	0.00000E+00
72	0.15874E+00	0.15559E-01	-0.15833E+00	0.00000E+00
73	0.11325E+00	0.16152E-02	-0.91014E-01	0.00000E+00
74	0.16393E+00	0.16480E-01	-0.16299E+00	0.00000E+00
75	0.16272E+00	0.16015E-01	-0.17577E+00	0.00000E+00
76	0.16397E+00	0.16195E-01	-0.17661E+00	0.00000E+00
77	0.12996E+00	0.33059E-02	-0.10281E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.39975E-01	-0.14159E-02	-0.28889E-01	0.00000E+00
80	0.76399E-01	-0.24199E-02	-0.53835E-01	0.00000E+00
81	0.86934E-01	-0.28458E-02	-0.60708E-01	0.00000E+00
82	0.10351E+00	-0.19646E-02	-0.71066E-01	0.00000E+00
83	0.15335E+00	0.10985E-01	-0.13896E+00	0.00000E+00
84	0.13754E+00	0.19334E-02	-0.96580E-01	0.00000E+00
85	0.16663E+00	0.16427E-01	-0.17771E+00	0.00000E+00
86	0.16970E+00	0.17104E-01	-0.16824E+00	0.00000E+00
87	0.11886E+00	-0.87876E-03	-0.80833E-01	0.00000E+00
88	0.16552E+00	0.14367E-01	-0.15430E+00	0.00000E+00
89	0.16901E+00	0.16631E-01	-0.17877E+00	0.00000E+00
90	0.85907E-01	-0.18217E-02	-0.37139E-01	0.00000E+00
91	0.94126E-01	-0.10316E-02	-0.39503E-01	0.00000E+00
92	0.99825E-01	-0.17897E-03	-0.41508E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	-0.00000E+00	0.00000E+00
94	0.30546E-01	0.00000E+00	-0.20434E-02	0.00000E+00
95	0.56929E-01	0.00000E+00	-0.48308E-02	0.00000E+00
96	0.63473E-01	0.00000E+00	-0.57735E-02	0.00000E+00
97	0.72014E-01	0.00000E+00	-0.82474E-02	0.00000E+00
98	0.75635E-01	0.00000E+00	-0.95065E-02	0.00000E+00
99	0.83616E-01	-0.91128E-03	-0.24637E-01	0.00000E+00
100	0.10849E+00	0.30968E-03	-0.51317E-01	0.00000E+00
101	0.15333E+00	0.50233E-02	-0.10387E+00	0.00000E+00
102	0.17530E+00	0.16837E-01	-0.18028E+00	0.00000E+00
103	0.16845E+00	0.12732E-01	-0.14617E+00	0.00000E+00
104	0.17936E+00	0.18114E-01	-0.17480E+00	0.00000E+00
105	0.18047E+00	0.17108E-01	-0.18162E+00	0.00000E+00
106	0.17589E+00	0.14205E-01	-0.15100E+00	0.00000E+00
107	0.18670E+00	0.19106E-01	-0.17927E+00	0.00000E+00
108	0.18492E+00	0.17267E-01	-0.18280E+00	0.00000E+00
109	0.18845E+00	0.17384E-01	-0.18375E+00	0.00000E+00
110	0.18633E+00	0.16397E-01	-0.15609E+00	0.00000E+00
111	0.19236E+00	0.20046E-01	-0.18235E+00	0.00000E+00
112	0.19140E+00	0.17456E-01	-0.18448E+00	0.00000E+00
113	0.18932E+00	0.16933E-01	-0.16247E+00	0.00000E+00
114	0.19345E+00	0.17465E-01	-0.18493E+00	0.00000E+00
115	0.19486E+00	0.17442E-01	-0.18514E+00	0.00000E+00
116	0.19544E+00	0.17331E-01	-0.18501E+00	0.00000E+00

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117	0.19456E+00	0.20053E-01	-0.18306E+00	0.00000E+00
118	0.19545E+00	0.17342E-01	-0.18486E+00	0.00000E+00
119	0.19531E+00	0.17258E-01	-0.18443E+00	0.00000E+00
120	0.19586E+00	0.19859E-01	-0.18303E+00	0.00000E+00
121	0.19500E+00	0.17125E-01	-0.18381E+00	0.00000E+00
122	0.19498E+00	0.16996E-01	-0.18397E+00	0.32355E-04
123	0.19488E+00	0.16711E-01	-0.18406E+00	0.59596E-04
124	0.19470E+00	0.16242E-01	-0.18416E+00	0.93416E-04
125	0.19437E+00	0.15535E-01	-0.18425E+00	0.13807E-03
126	0.19355E+00	0.13781E-01	-0.18440E+00	0.20379E-03
127	0.19248E+00	0.11547E-01	-0.18453E+00	0.23586E-03
128	0.19012E+00	0.62647E-02	-0.18481E+00	0.22941E-03
129	0.18821E+00	0.17411E-02	-0.18505E+00	0.17680E-03
130	0.18683E+00	-0.18357E-02	-0.18532E+00	0.99615E-04
131	0.18620E+00	-0.37857E-02	-0.18572E+00	0.11243E-05
132	0.18655E+00	-0.27527E-02	-0.18610E+00	-0.36547E-04
133	0.18700E+00	-0.11794E-02	-0.18645E+00	-0.29626E-04
134	0.18721E+00	-0.35300E-03	-0.18674E+00	-0.10355E-04
135	0.18725E+00	-0.24861E-03	-0.18698E+00	-0.15081E-06
136	0.18728E+00	-0.23101E-03	-0.18715E+00	-0.26048E-05
137	0.18730E+00	-0.14463E-03	-0.18727E+00	-0.29167E-05
138	0.18732E+00	-0.27482E-04	-0.18732E+00	-0.42745E-05
139	0.18732E+00	-0.29995E-05	-0.18732E+00	-0.30514E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2400E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.49910E-03	0.15157E+00	0.59945E-02	0.70965E+01	0.65741E-01	-0.71186E+01
2	-0.14756E+00	0.14250E+00	-0.64043E-01	0.62319E+01	0.96658E-01	-0.61981E+01
3	-0.38334E+00	0.11232E+00	-0.96875E-01	0.49779E+01	0.55943E-01	-0.49785E+01
4	0.24973E+00	0.15840E+00	0.33054E+00	0.39913E+01	-0.12258E+00	-0.40693E+01
5	-0.24612E+00	0.49745E-01	-0.11238E+00	0.40298E+01	0.44118E-02	-0.40996E+01
6	0.17315E+00	0.18226E+00	0.20001E-01	0.41378E+01	-0.50473E-01	-0.41981E+01
7	0.11720E+00	0.18907E-01	-0.29791E-01	0.28573E+01	-0.51869E-01	-0.28592E+01
8	0.27319E+00	0.52472E-01	-0.19007E-01	0.28853E+01	-0.13083E+00	-0.29755E+01
9	0.37011E+00	0.87163E+00	0.44567E+00	0.69743E+01	0.15428E-01	-0.70563E+01
10	0.22877E+00	0.93309E+00	0.32001E+00	0.62622E+01	0.54831E-02	-0.63038E+01
11	-0.55988E-01	0.80436E+00	-0.15774E+00	0.53365E+01	-0.92641E-01	-0.53317E+01
12	0.77585E+00	0.54424E+00	0.32224E+00	0.43500E+01	-0.31498E+00	-0.42141E+01
13	0.36446E-01	0.33441E+00	-0.13136E+00	0.44736E+01	-0.80733E-01	-0.44749E+01
14	0.76822E+00	0.63361E+00	0.21633E+00	0.46369E+01	-0.24008E+00	-0.47104E+01
15	0.66773E+00	0.16139E+00	0.66501E-01	0.32031E+01	-0.33341E+00	-0.31511E+01
16	0.79474E+00	0.13234E+00	-0.10230E-01	0.33369E+01	-0.38729E+00	-0.34202E+01
17	0.47526E+00	0.13267E+01	0.62577E+00	0.66911E+01	0.87233E-01	-0.69732E+01
18	0.78001E-01	0.14935E+01	0.37943E+00	0.62131E+01	0.18313E+00	-0.63970E+01
19	-0.74002E+00	0.15319E+01	-0.35685E+00	0.56983E+01	0.28448E+00	-0.57814E+01
20	0.11691E+01	0.87161E+00	0.41094E+00	0.49647E+01	-0.40868E+00	-0.47355E+01
21	0.41672E-01	0.13045E+01	0.11646E+00	0.51735E+01	0.12020E+00	-0.53589E+01
22	0.12541E+01	0.26047E+01	0.10347E+01	0.54464E+01	-0.18845E+00	-0.58082E+01
23	0.12831E+01	0.39286E+00	0.17907E+00	0.39467E+01	-0.57072E+00	-0.38946E+01
24	0.25507E+01	0.11076E+01	0.26627E+00	0.45034E+01	-0.95126E+00	-0.41788E+01
25	0.13302E+01	0.14973E+01	0.51705E+00	0.45851E+01	-0.47745E+00	-0.47969E+01
26	0.47807E+01	0.42109E+01	0.28849E+01	0.51977E+01	-0.11387E+01	-0.53533E+01
27	0.46335E+00	0.14311E+01	0.65554E+00	0.63905E+01	0.15350E+00	-0.68220E+01
28	-0.79453E-01	0.16119E+01	0.37968E+00	0.59540E+01	0.39514E+00	-0.63704E+01
29	-0.15242E+01	0.18162E+01	-0.52748E+00	0.53010E+01	0.10156E+01	-0.59784E+01
30	0.24266E+00	0.19060E+01	0.29949E+00	0.53133E+01	0.40104E-01	-0.58137E+01
31	-0.23126E-01	0.23931E+01	0.46699E+00	0.49270E+01	0.65752E+00	-0.60297E+01
32	0.61499E+00	0.24822E+01	0.70467E+00	0.47538E+01	0.40352E+00	-0.61457E+01
33	0.33791E+01	0.33734E+01	0.19910E+01	0.51080E+01	-0.69687E+00	-0.56283E+01
34	0.76139E+01	0.60953E+01	0.47235E+01	0.52437E+01	-0.15634E+01	-0.61081E+01
35	0.25134E+01	0.26897E+01	0.13098E+01	0.51364E+01	-0.51036E+00	-0.61022E+01
36	-0.41553E+00	0.10565E+01	-0.43985E+00	0.48333E+01	0.46053E+00	-0.62773E+01
37	0.32000E+01	0.37156E+01	0.12969E+01	0.53658E+01	-0.54819E+00	-0.64985E+01
38	0.23570E+00	0.10620E+01	0.46402E+00	0.60815E+01	0.22634E+00	-0.63913E+01
39	-0.38268E+00	0.12255E+01	0.21852E+00	0.57503E+01	0.64254E+00	-0.59656E+01
40	-0.16133E+01	0.17938E+01	-0.38296E+00	0.49887E+01	0.17910E+01	-0.58840E+01
41	-0.20533E+01	0.92721E+00	-0.55309E+00	0.52547E+01	0.16602E+01	-0.57262E+01
42	-0.24477E+01	0.10539E+01	-0.40749E+00	0.50746E+01	0.20310E+01	-0.51003E+01
43	-0.55310E+00	0.16303E+01	0.20252E-01	0.47763E+01	0.10340E+01	-0.61500E+01
44	-0.12697E+01	0.10143E+01	-0.37119E+00	0.46495E+01	0.16811E+01	-0.53473E+01
45	-0.19731E+01	0.66139E+00	-0.54500E+00	0.48870E+01	0.15995E+01	-0.53032E+01
46	-0.10534E+01	0.13769E+01	0.19018E+00	0.47118E+01	0.11811E+01	-0.47570E+01
47	0.98514E+00	0.23558E+01	0.60030E+00	0.50614E+01	0.31767E+00	-0.65532E+01
48	0.10373E+01	0.24904E+01	0.64460E+00	0.53760E+01	0.42554E+00	-0.66270E+01
49	-0.21674E+00	0.20625E+01	0.15144E+00	0.52333E+01	0.13263E+01	-0.70044E+01
50	-0.47413E+01	0.16584E-01	-0.22390E+01	0.44376E+01	0.35404E+01	-0.48760E+01
51	-0.25077E+00	-0.27075E+00	-0.13144E+01	0.21147E+00	0.46101E+00	-0.13148E+01
52	-0.34302E+01	-0.19767E+01	-0.28186E+01	-0.19351E+01	0.19414E+01	0.58077E+01
53	-0.12080E+01	0.15104E+01	-0.69013E-01	0.40145E+01	0.17776E+01	-0.42645E+01
54	-0.27035E+00	0.26435E+00	0.14438E-01	0.55949E+01	0.26631E+00	-0.55640E+01

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55	-0.78625E+00	0.63467E+00	0.38619E-01	0.54305E+01	0.72426E+00	-0.52335E+01
56	-0.25047E+01	0.69863E+00	-0.16157E+00	0.48148E+01	0.19437E+01	-0.46553E+01
57	-0.18159E+01	0.71698E+00	-0.90477E-01	0.43439E+01	0.13733E+01	-0.42538E+01
58	-0.20187E+01	0.83395E+00	-0.33196E-02	0.36915E+01	0.15924E+01	-0.37047E+01
59	0.19523E+00	0.26977E+00	0.21830E+00	0.54236E+01	-0.11536E-01	-0.51031E+01
60	-0.10030E+01	-0.70448E+00	-0.56923E+00	0.50913E+01	0.47020E+00	-0.42507E+01
61	-0.71469E+00	-0.47568E+00	-0.28607E+00	0.50422E+01	0.36375E+00	-0.42443E+01
62	-0.53544E+00	-0.83155E+00	-0.45705E+00	0.48858E+01	-0.39197E-01	-0.35259E+01
63	-0.97120E+00	-0.32401E-02	-0.10845E+00	0.50103E+01	0.66592E+00	-0.44201E+01
64	-0.12679E+01	-0.83281E+00	-0.41927E+00	0.45370E+01	0.56231E+00	-0.35058E+01
65	-0.23617E+01	0.41629E+00	0.12746E+00	0.46127E+01	0.17704E+01	-0.42189E+01
66	-0.29759E+01	-0.25607E+00	0.53273E-01	0.41658E+01	0.19506E+01	-0.34189E+01
67	-0.23735E+01	-0.10799E+01	0.12739E+00	0.35286E+01	0.15399E+01	-0.24821E+01
68	-0.21441E+01	0.34496E+00	-0.70622E-01	0.40318E+01	0.13858E+01	-0.37424E+01
69	-0.19452E+01	-0.14151E+00	-0.83549E-01	0.37550E+01	0.11168E+01	-0.31158E+01
70	-0.29509E+01	-0.88001E+00	-0.58570E+00	0.32807E+01	0.13908E+01	-0.22307E+01
71	-0.24465E+01	0.19036E+00	-0.74580E-01	0.34347E+01	0.14767E+01	-0.30145E+01
72	-0.26744E+01	-0.26706E+00	-0.98773E-01	0.31367E+01	0.14316E+01	-0.23422E+01
73	-0.55076E+00	-0.55095E+00	-0.22091E+00	0.43226E+01	0.16760E+00	-0.18875E+01
74	-0.92921E+00	-0.52210E+00	0.53464E-01	0.38734E+01	0.46841E+00	-0.16902E+01
75	-0.19289E+01	-0.51092E+00	0.90257E+00	0.32278E+01	0.12760E+01	-0.14029E+01
76	-0.22437E+01	-0.33658E+00	0.66178E-01	0.35972E+01	0.10779E+01	-0.22199E+01
77	-0.17374E+01	-0.89348E+00	0.10846E+00	0.23807E+01	0.77568E+00	-0.83002E+00
78	-0.17530E+01	-0.54589E+00	0.38076E+00	0.19295E+01	0.78715E+00	-0.53102E+00
79	-0.28641E+01	-0.62290E+00	-0.11576E+00	0.25538E+01	0.11738E+01	-0.12993E+01
80	-0.31909E+01	-0.90235E+00	-0.26328E+00	0.17919E+01	0.88575E+00	-0.50084E+00
81	-0.16239E+01	-0.39472E+00	0.54934E+00	0.99142E+00	0.76741E+00	-0.21314E+00
82	-0.18970E+01	-0.59670E+00	0.40520E+00	0.85882E+00	0.73149E+00	-0.27039E+00
83	-0.28129E+01	-0.39305E+00	0.17244E+00	0.15941E+01	0.85690E+00	-0.55062E+00
84	-0.35437E+01	-0.83670E+00	-0.29077E+00	0.17188E+01	0.12744E+01	-0.57650E+00
85	-0.38849E+01	-0.29836E+00	-0.23494E+00	0.25019E+01	0.15294E+01	-0.14651E+01
86	-0.39330E+01	-0.47352E+00	-0.17983E+00	0.20549E+01	0.14778E+01	-0.10156E+01
87	-0.29140E+01	-0.46660E+00	-0.89375E-01	0.24781E+01	0.14532E+01	-0.15839E+01
88	-0.28579E+01	0.14950E+00	-0.19321E-01	0.26652E+01	0.17107E+01	-0.23367E+01
89	-0.29972E+01	0.12744E+00	0.49379E-02	0.22618E+01	0.18062E+01	-0.20803E+01
90	-0.35041E+01	-0.25776E+01	-0.69252E-01	0.16539E+01	0.18916E+01	-0.10773E+01
91	-0.35613E+01	-0.40174E+00	-0.23721E+00	0.15327E+01	0.19846E+01	-0.14666E+01
92	-0.36284E+01	-0.58195E+00	-0.22456E+00	0.11661E+01	0.19448E+01	-0.97791E+00
93	-0.22893E+01	0.18835E+01	-0.53169E-01	0.28404E+01	0.20239E+01	-0.34513E+01
94	-0.25570E+01	0.57600E+00	-0.47993E+00	0.28583E+01	0.18186E+01	-0.33068E+01
95	-0.18335E+01	-0.24975E+00	-0.56381E+00	0.19882E+01	0.17022E+01	-0.24737E+01
96	-0.22251E+01	0.52574E+00	-0.66776E-01	0.23831E+01	0.16833E+01	-0.28164E+01
97	-0.16500E+01	-0.25558E-01	-0.32920E+00	0.22649E+01	0.16766E+01	-0.21270E+01
98	-0.19065E+01	0.73494E-01	-0.56251E-01	0.19766E+01	0.15523E+01	-0.20729E+01
99	-0.21261E+01	0.56595E+00	0.23017E+00	0.23235E+01	0.15640E+01	-0.21721E+01
100	-0.16197E+01	0.40872E+00	0.30357E+00	0.16775E+01	0.15014E+01	-0.15640E+01
101	-0.19132E+01	-0.50152E-01	0.64742E-02	0.12278E+01	0.14888E+01	-0.11890E+01
102	-0.12676E+01	0.46516E+00	0.84017E+00	0.13642E+01	0.13738E+01	-0.11311E+01
103	-0.86776E+00	-0.12760E+00	0.53509E+00	0.35881E+00	0.12599E+01	-0.58304E+00
104	-0.97944E+00	-0.33345E+00	0.46172E+00	0.54994E-01	0.12407E+01	-0.37991E+00
105	-0.25922E+01	0.81424E+00	-0.76632E+00	0.25090E+01	0.24755E+01	-0.32048E+01
106	-0.43163E+01	-0.22428E+01	-0.32376E+01	0.79959E-01	0.26654E+01	-0.15306E+01
107	-0.31686E+01	-0.11252E+01	-0.22126E+01	0.12597E+01	0.25541E+01	-0.22048E+01
108	-0.26470E+01	-0.96693E+00	-0.19028E+01	0.13013E+01	0.24420E+01	-0.23005E+01
109	-0.26560E+01	-0.11649E+01	-0.21133E+01	0.47657E+00	0.24343E+01	-0.15345E+01
110	-0.41323E+00	0.85652E+00	-0.24177E+00	0.19733E+01	0.22260E+01	-0.23935E+01
111	-0.83983E-01	0.31507E+00	-0.48977E+00	0.13989E+01	0.20530E+01	-0.13207E+01
112	-0.43231E-01	0.34402E+00	-0.41583E+00	0.22007E+01	0.20364E+01	-0.15077E+01
113	0.88613E+00	0.13434E+01	0.69933E+00	0.23906E+01	0.17070E+01	-0.25306E+01
114	0.56841E+00	0.71506E+00	0.57022E-01	0.19969E+01	0.15886E+01	-0.12803E+01

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115	0.66426E+00	0.73625E+00	0.25546E+00	0.34592E+01	0.15373E+01	-0.12416E+01
116	0.50223E+00	0.12573E+01	0.72695E+00	0.27156E+01	0.11773E+01	-0.21890E+01
117	-0.47442E+00	0.65535E-01	-0.20053E+00	0.29330E+01	0.93651E+00	-0.11659E+01
118	-0.37032E+00	0.10235E+00	0.22962E-01	0.25457E+01	0.87681E+00	-0.10782E+01
119	-0.14433E-01	0.10352E+01	0.72087E+00	0.21678E+01	0.66835E+00	-0.16415E+01
120	-0.69742E+00	-0.94470E-01	0.19730E-01	0.21482E+01	0.49598E+00	-0.96542E+00
121	-0.63350E+00	-0.79327E-01	0.15340E+00	0.18264E+01	0.44561E+00	-0.84861E+00
122	0.26930E+00	0.12849E+01	0.11616E+01	0.18220E+01	0.30362E+00	-0.12306E+01
123	-0.10038E-01	0.29461E+00	0.71309E+00	0.14613E+01	0.13614E+00	-0.70944E+00
124	0.14301E-01	0.28439E+00	0.78493E+00	0.11099E+01	0.11264E+00	-0.57256E+00
125	-0.12814E+00	0.25038E+00	0.74167E+00	0.95343E+00	0.81933E-01	-0.64957E+00
126	0.23059E+00	0.39878E+00	0.99708E+00	0.68015E+00	-0.22721E-02	-0.39399E+00
127	0.22511E+00	0.37533E+00	0.10065E+01	0.37235E+00	-0.96379E-02	-0.29274E+00
128	0.73679E+00	0.70331E+00	0.13613E+01	0.50947E+00	-0.71037E-01	-0.34419E+00
129	0.15841E+01	0.12071E+01	0.19378E+01	0.20242E+00	-0.18815E+00	-0.11980E+00
133	-0.30333E+01	0.12624E+01	-0.78253E+00	0.41851E+01	0.26225E+01	-0.43543E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.82127E+00	-0.54752E+01	0.46539E+01	0.65398E+02	-0.24376E+02	-0.29884E+02
131	-0.14002E+00	-0.93345E+00	0.79343E+00	0.14967E+03	-0.41942E+02	-0.93813E+02
132	-0.31132E+00	-0.20755E+01	0.17642E+01	0.25396E+03	-0.68136E+02	-0.16162E+03
133	-0.17298E+00	-0.11532E+01	0.98022E+00	0.37394E+03	-0.94683E+02	-0.23820E+03
134	-0.35883E+00	-0.23922E+01	0.20334E+01	0.51176E+03	-0.12270E+03	-0.33042E+03
135	-0.60797E+00	-0.40531E+01	0.34452E+01	0.62101E+03	-0.14476E+03	-0.41393E+03
136	-0.33181E+00	-0.22120E+01	0.18802E+01	0.70750E+03	-0.15437E+03	-0.47219E+03
137	-0.33346E+00	-0.22231E+01	0.18896E+01	0.68245E+03	-0.17624E+03	-0.49772E+03
138	-0.66704E+00	-0.44469E+01	0.30604E+01	0.70652E+03	-0.33279E+03	-0.53855E+03
139	0.13249E+01	0.88327E+01	-0.10124E+02	0.67624E+03	-0.64965E+03	-0.56959E+03
140	0.43677E+01	0.29118E+02	-0.24751E+02	0.88244E+03	-0.78559E+03	-0.64833E+03
141	0.41604E+01	0.27736E+02	-0.23575E+02	0.88198E+03	-0.79834E+03	-0.69225E+03
142	0.47863E+01	0.31909E+02	-0.27122E+02	0.93346E+03	-0.79972E+03	-0.73728E+03
143	0.49064E+01	0.32710E+02	-0.27803E+02	-0.38664E+03	-0.99584E+03	0.61008E+03
144	0.55389E+01	0.36926E+02	-0.31387E+02	-0.37374E+03	-0.97628E+03	0.57311E+03
145	-0.18047E+01	-0.12032E+02	0.40925E+01	0.41184E+03	-0.69431E+03	0.13889E+04
146	-0.73904E+00	-0.49269E+01	0.48734E+01	0.42129E+03	-0.50707E+03	0.12082E+04
147	-0.75332E+00	-0.50221E+01	0.47753E+01	0.39677E+03	-0.52176E+03	0.11899E+04
148	-0.76911E+00	-0.51274E+01	-0.26413E+01	0.39074E+03	-0.53485E+03	0.11931E+04
149	-0.78688E+00	-0.52459E+01	-0.25472E+01	0.39214E+03	-0.54835E+03	0.12155E+04
150	-0.89405E+00	-0.59603E+01	-0.17638E+01	0.30782E+03	-0.59694E+03	0.11816E+04
151	-0.10636E+01	-0.70905E+01	-0.27645E+02	0.30280E+03	-0.66948E+03	0.12097E+04
152	-0.98138E+00	-0.65459E+01	-0.48772E+02	0.29767E+03	-0.61534E+03	0.11998E+04
153	-0.86262E+00	-0.57508E+01	-0.43091E+02	0.26252E+03	-0.54045E+03	0.11725E+04
154	-0.61005E+00	-0.40670E+01	-0.81994E+02	0.23071E+03	-0.37545E+03	0.11397E+04
155	-0.25373E+00	-0.16915E+01	-0.66973E+02	0.22755E+03	-0.13642E+03	0.10661E+04
156	0.40186E-01	0.26791E+00	-0.57498E+02	0.18658E+03	0.55000E+02	0.98890E+03
157	0.28271E+00	0.18847E+01	-0.45633E+02	0.16299E+03	0.21448E+03	0.88119E+03
158	0.48149E+00	0.32099E+01	-0.38297E+02	0.13186E+03	0.34342E+03	0.77694E+03
159	0.63922E+00	0.42615E+01	-0.26935E+02	0.76056E+02	0.44108E+03	0.64498E+03
160	0.75491E+00	0.50328E+01	-0.18932E+02	0.51393E+02	0.51514E+03	0.52176E+03
161	0.92023E+00	0.61349E+01	-0.93369E+01	0.16790E+02	0.58181E+03	0.37268E+03
162	0.97788E+00	0.65192E+01	-0.19509E+01	0.14758E+01	0.57793E+03	0.26576E+03
163	0.11529E+01	0.76862E+01	0.90303E-01	-0.27796E+02	0.67696E+03	0.19039E+03
164	0.11848E+01	0.79986E+01	0.18922E+01	-0.66404E+02	0.68999E+03	0.12933E+03

165	0.69883E+03	-0.11303E+03	-0.57780E+01	0.40266E+02	0.71626E+03	0.99183E+02
166	0.57785E+03	0.86315E+02	0.27075E+01	0.31107E+02	0.66862E+03	0.90218E+02
167	0.46617E+03	0.64276E+02	0.68829E+01	0.25693E+02	0.57412E+03	0.82798E+02
168	0.36321E+03	0.47017E+02	0.83659E+01	0.20243E+02	0.47630E+03	0.76515E+02
169	0.23953E+03	0.25423E+02	0.11055E+02	0.15190E+02	0.41172E+03	0.69472E+02
170	0.11533E+03	0.22981E+01	0.15315E+02	0.94170E+01	0.37213E+03	0.61368E+02
171	-0.13674E+02	-0.20273E+02	0.18024E+02	0.15918E+01	0.29739E+03	0.49951E+02
172	-0.92357E+02	-0.31207E+02	0.16793E+02	-0.65605E+01	0.19638E+03	0.37597E+02
173	-0.98383E+02	-0.23990E+02	0.10687E+02	-0.11341E+02	0.10504E+03	0.29021E+02
174	-0.62096E+02	-0.13145E+02	0.35620E+01	-0.12804E+02	0.37842E+02	0.23304E+02
175	-0.15545E+02	-0.14303E+01	-0.80656E+00	-0.99496E+01	0.17515E+02	0.21119E+02
176	0.21691E+01	0.17432E+01	-0.12521E+01	-0.69064E+01	0.24122E+02	0.19998E+02
177	0.45157E+01	0.14019E+01	-0.62075E+00	-0.45725E+01	0.28729E+02	0.16631E+02
178	0.17104E+01	0.25253E+00	0.19036E-01	-0.30853E+01	0.22274E+02	0.12081E+02
179	-0.43206E+00	-0.19318E+00	0.11449E+00	-0.25819E+01	0.15782E+02	0.84926E+01
180	-0.51122E-01	-0.70148E-01	0.59448E-01	-0.19553E+01	0.91817E+01	0.51104E+01
181	-0.15128E+00	-0.15661E+00	0.11904E+00	-0.15257E+01	0.41751E+01	0.17843E+01
182	0.54036E+00	0.25096E+00	-0.14775E+00	-0.51928E+00	-0.97000E+00	-0.51306E-01

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000226

5622

5622

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.49309E-01	0.93182E-04	0.49884E-01	0.00000E+00
3	-0.92099E-01	-0.43418E-04	0.91963E-01	0.00000E+00
4	-0.10274E+00	-0.59754E-04	0.10225E+00	0.00000E+00
5	-0.11724E+00	0.64797E-04	0.11719E+00	0.00000E+00
6	-0.12698E+00	-0.17707E-04	0.12699E+00	0.00000E+00
7	-0.11732E+00	-0.15615E-02	0.11752E+00	0.00000E+00
8	-0.12731E+00	-0.14737E-02	0.12748E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.48833E-01	-0.90092E-03	0.48832E-01	0.00000E+00
11	-0.91153E-01	-0.20025E-02	0.91413E-01	0.00000E+00
12	-0.10195E+00	-0.24773E-02	0.10245E+00	0.00000E+00
13	-0.11749E+00	-0.26553E-02	0.11802E+00	0.00000E+00
14	-0.12805E+00	-0.26371E-02	0.12884E+00	0.00000E+00
15	-0.11822E+00	-0.47361E-02	0.11995E+00	0.00000E+00
16	-0.12929E+00	-0.44349E-02	0.13115E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.47482E-01	-0.19602E-02	0.48966E-01	0.00000E+00
19	-0.90156E-01	-0.46547E-02	0.92536E-01	0.00000E+00
20	-0.10177E+00	-0.58327E-02	0.10434E+00	0.00000E+00
21	-0.11695E+00	-0.62154E-02	0.12179E+00	0.00000E+00
22	-0.13112E+00	-0.60761E-02	0.13452E+00	0.00000E+00
23	-0.12006E+00	-0.91994E-02	0.12456E+00	0.00000E+00
24	-0.13362E+00	-0.83730E-02	0.13913E+00	0.00000E+00
25	-0.13512E+00	-0.11202E-01	0.14198E+00	0.00000E+00
26	-0.13603E+00	-0.12077E-01	0.14368E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.44894E-01	-0.25933E-02	0.47853E-01	0.00000E+00
29	-0.87106E-01	-0.67123E-02	0.91826E-01	0.00000E+00
30	-0.99945E-01	-0.89804E-02	0.10490E+00	0.00000E+00
31	-0.11973E+00	-0.11405E-01	0.12653E+00	0.00000E+00
32	-0.13691E+00	-0.12985E-01	0.14548E+00	0.00000E+00
33	-0.11936E+00	-0.11908E-01	0.12684E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.43921E-01	-0.23881E-02	0.47044E-01	0.00000E+00
36	-0.85703E-01	-0.63303E-02	0.90579E-01	0.00000E+00
37	-0.98694E-01	-0.85169E-02	0.10351E+00	0.00000E+00
38	-0.11904E+00	-0.11350E-01	0.12653E+00	0.00000E+00
39	-0.13812E+00	-0.13487E-01	0.14837E+00	0.00000E+00
40	-0.13788E+00	-0.13452E-01	0.14775E+00	0.00000E+00
41	-0.13764E+00	-0.13417E-01	0.14716E+00	0.00000E+00
42	-0.13737E+00	-0.13349E-01	0.14644E+00	0.00000E+00
43	-0.96297E-01	-0.66515E-02	0.98698E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.40675E-01	-0.14267E-02	0.42112E-01	0.00000E+00
46	-0.80684E-01	-0.39042E-02	0.81170E-01	0.00000E+00
47	-0.13813E+00	-0.13487E-01	0.14855E+00	0.00000E+00
48	-0.13820E+00	-0.13488E-01	0.14858E+00	0.00000E+00
49	-0.11887E+00	-0.11111E-01	0.12627E+00	0.00000E+00
50	-0.13828E+00	-0.13573E-01	0.14893E+00	0.00000E+00
51	-0.11629E+00	-0.90440E-02	0.11897E+00	0.00000E+00
52	-0.13453E+00	-0.13070E-01	0.13707E+00	0.00000E+00
53	-0.13612E+00	-0.13437E-01	0.14846E+00	0.00000E+00
54	-0.93279E-01	-0.55634E-02	0.92626E-01	0.00000E+00
55	-0.11259E+00	-0.79615E-02	0.11091E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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000227

57	-0.37746E-01	0.91012E-05	0.35821E-01	0.00000E+00
58	-0.75419E-01	-0.16698E-02	0.69957E-01	0.00000E+00
59	-0.12886E+00	-0.10658E-01	0.12589E+00	0.00000E+00
60	-0.13292E+00	-0.12442E-01	0.13355E+00	0.00000E+00
61	-0.13831E+00	-0.13635E-01	0.14916E+00	0.00000E+00
62	-0.87209E-01	-0.24534E-02	0.79820E-01	0.00000E+00
63	-0.10465E+00	-0.40308E-02	0.94623E-01	0.00000E+00
64	-0.13338E+00	-0.13239E-01	0.13806E+00	0.00000E+00
65	-0.13833E+00	-0.13689E-01	0.14938E+00	0.00000E+00
66	-0.13853E+00	-0.13797E-01	0.14983E+00	0.00000E+00
67	-0.13874E+00	-0.13905E-01	0.15028E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.35977E-01	0.53685E-03	0.29951E-01	0.00000E+00
70	-0.70194E-01	0.81015E-03	0.58191E-01	0.00000E+00
71	-0.12070E+00	-0.58366E-02	0.10806E+00	0.00000E+00
72	-0.13550E+00	-0.13248E-01	0.13607E+00	0.00000E+00
73	-0.97096E-01	-0.30592E-03	0.78845E-01	0.00000E+00
74	-0.13997E+00	-0.14040E-01	0.14013E+00	0.00000E+00
75	-0.13891E+00	-0.13993E-01	0.15070E+00	0.00000E+00
76	-0.13999E+00	-0.14153E-01	0.15143E+00	0.00000E+00
77	-0.11141E+00	-0.15837E-02	0.89182E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.34513E-01	0.15277E-02	0.24918E-01	0.00000E+00
80	-0.65909E-01	0.27630E-02	0.46735E-01	0.00000E+00
81	-0.74953E-01	0.33020E-02	0.52841E-01	0.00000E+00
82	-0.89143E-01	0.27163E-02	0.62061E-01	0.00000E+00
83	-0.13554E+00	-0.81617E-02	0.12027E+00	0.00000E+00
84	-0.11812E+00	-0.25865E-03	0.84220E-01	0.00000E+00
85	-0.14229E+00	-0.14360E-01	0.15238E+00	0.00000E+00
86	-0.14499E+00	-0.14590E-01	0.14470E+00	0.00000E+00
87	-0.10230E+00	0.19504E-02	0.70737E-01	0.00000E+00
88	-0.14149E+00	-0.11671E-01	0.13308E+00	0.00000E+00
89	-0.14430E+00	-0.14542E-01	0.15330E+00	0.00000E+00
90	-0.74760E-01	0.20588E-02	0.35005E-01	0.00000E+00
91	-0.81704E-01	0.14063E-02	0.37229E-01	0.00000E+00
92	-0.86472E-01	0.68944E-03	0.38997E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.27240E-01	0.00000E+00	0.42110E-02	0.00000E+00
95	-0.50449E-01	0.00000E+00	0.35238E-02	0.00000E+00
96	-0.56090E-01	0.00000E+00	0.96762E-02	0.00000E+00
97	-0.63361E-01	0.00000E+00	0.12085E-01	0.00000E+00
98	-0.66371E-01	0.00000E+00	0.13206E-01	0.00000E+00
99	-0.72962E-01	0.10458E-02	0.25328E-01	0.00000E+00
100	-0.93725E-01	0.44088E-03	0.47061E-01	0.00000E+00
101	-0.13156E+00	-0.28548E-02	0.90649E-01	0.00000E+00
102	-0.14981E+00	-0.14772E-01	0.15461E+00	0.00000E+00
103	-0.14425E+00	-0.96130E-02	0.12664E+00	0.00000E+00
104	-0.15339E+00	-0.15484E-01	0.15043E+00	0.00000E+00
105	-0.15431E+00	-0.14972E-01	0.15577E+00	0.00000E+00
106	-0.15076E+00	-0.10891E-01	0.13093E+00	0.00000E+00
107	-0.15984E+00	-0.16352E-01	0.15434E+00	0.00000E+00
108	-0.15820E+00	-0.15118E-01	0.15679E+00	0.00000E+00
109	-0.16130E+00	-0.15225E-01	0.15762E+00	0.00000E+00
110	-0.15999E+00	-0.12807E-01	0.13549E+00	0.00000E+00
111	-0.16484E+00	-0.17178E-01	0.15705E+00	0.00000E+00
112	-0.16389E+00	-0.15293E-01	0.15825E+00	0.00000E+00
113	-0.16303E+00	-0.13518E-01	0.14082E+00	0.00000E+00
114	-0.16572E+00	-0.15306E-01	0.15865E+00	0.00000E+00
115	-0.16699E+00	-0.15289E-01	0.15882E+00	0.00000E+00
116	-0.16755E+00	-0.15239E-01	0.15871E+00	0.00000E+00

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000228

5622

117	-0.16689E+00	-0.17191E-01	0.15768E+00	0.00000E+00
118	-0.16756E+00	-0.15206E-01	0.15858E+00	0.00000E+00
119	-0.16746E+00	-0.15133E-01	0.15820E+00	0.00000E+00
120	-0.16819E+00	-0.17017E-01	0.15765E+00	0.00000E+00
121	-0.16722E+00	-0.15015E-01	0.15765E+00	0.00000E+00
122	-0.16720E+00	-0.14905E-01	0.15779E+00	-0.27554E-04
123	-0.16712E+00	-0.14663E-01	0.15787E+00	-0.50781E-04
124	-0.16696E+00	-0.14263E-01	0.15795E+00	-0.79640E-04
125	-0.16669E+00	-0.13660E-01	0.15803E+00	-0.11777E-03
126	-0.16598E+00	-0.12164E-01	0.15815E+00	-0.17396E-03
127	-0.16507E+00	-0.10256E-01	0.15826E+00	-0.20144E-03
128	-0.16305E+00	-0.57418E-02	0.15849E+00	-0.19618E-03
129	-0.16142E+00	-0.13702E-02	0.15870E+00	-0.15150E-03
130	-0.16023E+00	0.12005E-02	0.15891E+00	-0.85808E-04
131	-0.15963E+00	0.29000E-02	0.15925E+00	-0.17070E-05
132	-0.15997E+00	0.20498E-02	0.15956E+00	0.30560E-04
133	-0.16035E+00	0.73392E-03	0.15986E+00	0.24678E-04
134	-0.16051E+00	0.63262E-04	0.16010E+00	0.78863E-05
135	-0.16054E+00	0.30667E-04	0.16030E+00	-0.12359E-05
136	-0.16056E+00	0.76912E-04	0.16045E+00	0.95496E-06
137	-0.16057E+00	0.58127E-04	0.16054E+00	0.12905E-05
138	-0.16059E+00	0.14131E-04	0.16059E+00	0.24951E-05
139	-0.16059E+00	0.13881E-05	0.16059E+00	0.14332E-05

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5622

000229

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2500E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.39928E-03	-0.13551E+00	0.71478E-02	-0.60355E+01	-0.62155E-01	0.60635E+01
2	0.13017E+00	-0.12982E+00	0.74938E-01	-0.53140E+01	-0.87896E-01	0.52826E+01
3	0.34334E+00	-0.10115E+00	0.99855E-01	-0.42650E+01	-0.37273E-01	0.42603E+01
4	-0.22525E+00	-0.14201E+00	-0.31867E+00	-0.34364E+01	0.12046E+00	0.35180E+01
5	0.22132E+00	-0.47325E-01	0.10475E+00	-0.34635E+01	0.53787E-02	0.35331E+01
6	-0.15237E+00	-0.17092E+00	-0.48771E-02	-0.35630E+01	0.46392E-01	0.36156E+01
7	-0.95049E-01	-0.14809E-01	0.36933E-01	-0.24905E+01	0.45957E-01	0.24814E+01
8	-0.23502E+00	-0.43875E-01	0.29629E-01	-0.25063E+01	0.11687E+00	0.25793E+01
9	-0.31435E+00	-0.76720E+00	-0.37972E+00	-0.59264E+01	-0.13769E-01	0.60130E+01
10	-0.17997E+00	-0.82324E+00	-0.25428E+00	-0.53359E+01	-0.45129E-02	0.53859E+01
11	0.73551E-01	-0.70754E+00	0.18914E+00	-0.45687E+01	0.84771E-01	0.45692E+01
12	-0.65928E+00	-0.47237E+00	-0.25286E+00	-0.37412E+01	0.27661E+00	0.36284E+01
13	-0.20021E-01	-0.30465E+00	0.13986E+00	-0.38462E+01	0.74277E-01	0.38485E+01
14	-0.65245E+00	-0.55488E+00	-0.15430E+00	-0.39381E+01	0.21514E+00	0.40566E+01
15	-0.57170E+00	-0.14326E+00	-0.37108E-01	-0.27750E+01	0.29371E+00	0.27286E+01
16	-0.68055E+00	-0.11999E+00	0.34982E-01	-0.28875E+01	0.34345E+00	0.29582E+01
17	-0.39279E+00	-0.11443E+01	-0.52007E+00	-0.56691E+01	-0.75778E-01	0.59514E+01
18	-0.39397E-01	-0.12969E+01	-0.28833E+00	-0.52883E+01	-0.15660E+00	0.54710E+01
19	0.67262E+00	-0.13259E+01	0.38333E+00	-0.48758E+01	-0.23414E+00	0.49605E+01
20	-0.99134E+00	-0.75373E+00	-0.31253E+00	-0.42598E+01	0.36201E+00	0.40762E+01
21	-0.18846E-01	-0.11304E+01	-0.55276E-01	-0.44385E+01	-0.94613E-01	0.46094E+01
22	-0.10660E+01	-0.22324E+01	-0.83770E+00	-0.46750E+01	0.17425E+00	0.49997E+01
23	-0.10949E+01	-0.33854E+00	-0.11684E+00	-0.34051E+01	0.50299E+00	0.33635E+01
24	-0.21909E+01	-0.95469E+00	-0.70809E+00	-0.38784E+01	0.83302E+00	0.36064E+01
25	-0.11757E+01	-0.12786E+01	-0.39659E+00	-0.39425E+01	0.42488E+00	0.41366E+01
26	-0.40909E+01	-0.35968E+01	-0.24221E+01	-0.44703E+01	0.99541E+00	0.46156E+01
27	-0.37325E+00	-0.12148E+01	-0.53274E+00	-0.54031E+01	-0.13331E+00	0.58293E+01
28	0.10750E+00	-0.14447E+01	-0.27079E+00	-0.50630E+01	-0.34007E+00	0.54561E+01
29	0.13420E+01	-0.15585E+01	0.54108E+00	-0.45325E+01	-0.86276E+00	0.51362E+01
30	-0.19616E+00	-0.16307E+01	-0.20338E+00	-0.45600E+01	-0.22428E-01	0.50031E+01
31	0.28627E-01	-0.20523E+01	-0.35222E+00	-0.42212E+01	-0.55516E+00	0.51883E+01
32	-0.51277E+00	-0.21460E+01	-0.55470E+00	-0.40781E+01	-0.33438E+00	0.52887E+01
33	-0.28918E+01	-0.28885E+01	-0.16571E+01	-0.44036E+01	0.61231E+00	0.48513E+01
34	-0.65502E+01	-0.52462E+01	-0.40224E+01	-0.45236E+01	0.13533E+01	0.52622E+01
35	-0.21439E+01	-0.23040E+01	-0.10732E+01	-0.44362E+01	0.44528E+00	0.52571E+01
36	0.38048E+00	-0.90244E+00	0.43483E+00	-0.41645E+01	-0.38252E+00	0.54054E+01
37	-0.27501E+01	-0.32120E+01	-0.16798E+01	-0.46342E+01	0.47817E+00	0.55944E+01
38	-0.16025E+00	-0.85397E+00	-0.34281E+00	-0.51361E+01	-0.19525E+00	0.54672E+01
39	0.36438E+00	-0.99970E+00	-0.11740E+00	-0.48800E+01	-0.55124E+00	0.51165E+01
40	0.14113E+01	-0.15357E+01	0.41819E+00	-0.42387E+01	-0.15252E+01	0.50545E+01
41	0.17727E+01	-0.76021E+00	0.56858E+00	-0.44636E+01	-0.14203E+01	0.49235E+01
42	0.20876E+01	-0.82055E+00	0.44980E+00	-0.43132E+01	-0.17285E+01	0.43940E+01
43	0.48362E+00	-0.14273E+01	0.24885E-01	-0.40780E+01	-0.87829E+00	0.52915E+01
44	0.11402E+01	-0.83295E+00	0.40608E+00	-0.39564E+01	-0.14278E+01	0.46096E+01
45	0.17085E+01	-0.55528E+00	0.53192E+00	-0.41530E+01	-0.13597E+01	0.45677E+01
46	0.92201E+00	-0.11137E+01	-0.76438E-01	-0.40031E+01	-0.10061E+01	0.41051E+01
47	-0.82299E+00	-0.20123E+01	-0.46329E+00	-0.43635E+01	-0.26098E+00	0.56406E+01
48	-0.89407E+00	-0.21678E+01	-0.52177E+00	-0.46437E+01	-0.36438E+00	0.57031E+01
49	0.15318E+00	-0.13517E+01	-0.12786E+00	-0.44940E+01	-0.11268E+01	0.60202E+01
50	0.41149E+01	0.25315E-02	0.19974E+01	-0.37823E+01	-0.30093E+01	0.42072E+01
51	0.73351E+00	0.21425E+00	0.11652E+01	-0.18136E+00	-0.39407E+00	-0.11381E+01
52	0.34038E+01	0.23625E+01	0.29170E+01	0.16978E+01	-0.16479E+01	-0.48995E+01
53	0.16591E+01	-0.12692E+01	0.13572E+00	-0.34134E+01	-0.15109E+01	0.36834E+01
54	0.29022E+00	-0.97795E-01	0.71697E-01	-0.47397E+01	-0.22878E+00	0.47681E+01

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55	0.70225E+00	-0.40566E+00	0.59139E-01	-0.46127E+01	-0.62068E+00	0.45000E+01
56	0.20267E+01	-0.47136E+00	0.22319E+00	-0.40787E+01	-0.16607E+01	0.40134E+01
57	0.15591E+01	-0.51640E+00	0.16473E+00	-0.36758E+01	-0.11706E+01	0.35760E+01
58	0.17347E+01	-0.63575E+00	0.90543E-01	-0.31222E+01	-0.13535E+01	0.32083E+01
59	-0.29279E-01	-0.27054E-01	-0.46144E-01	-0.46134E+01	0.84322E-02	0.43781E+01
60	0.90949E+00	0.78123E+00	0.58427E+00	-0.43585E+01	-0.39759E+00	0.36565E+01
61	0.67129E+00	0.58931E+00	0.34198E+00	-0.43245E+01	-0.31111E+00	0.36531E+01
62	0.61110E+00	0.98454E+00	0.54320E+00	-0.42189E+01	0.33947E-01	0.30401E+01
63	0.87072E+00	0.18605E+00	0.19568E+00	-0.42330E+01	-0.56557E+00	0.38129E+01
64	0.11237E+01	0.88693E+00	0.44808E+00	-0.39015E+01	-0.47747E+00	0.30437E+01
65	0.19243E+01	-0.18232E+00	-0.43709E-01	-0.39593E+01	-0.15079E+01	0.36455E+01
66	0.24452E+01	0.36571E+00	-0.97449E-03	-0.35697E+01	-0.16537E+01	0.29714E+01
67	0.19310E+01	0.10692E+01	-0.79740E-01	-0.30297E+01	-0.13035E+01	0.21904E+01
68	0.18215E+01	-0.17106E+00	0.14318E+00	-0.34557E+01	-0.11828E+01	0.32425E+01
69	0.16703E+01	0.29172E+00	0.16647E+00	-0.32205E+01	-0.94827E+00	0.27090E+01
70	0.25005E+01	0.66819E+00	0.35833E+00	-0.28126E+01	-0.11728E+01	0.19739E+01
71	0.20913E+01	-0.36723E-01	0.15530E+00	-0.29437E+01	-0.12639E+01	0.26202E+01
72	0.22762E+01	0.35501E+00	0.16114E+00	-0.26918E+01	-0.12083E+01	0.20507E+01
73	0.51494E+00	0.56824E+00	0.25212E+00	-0.37382E+01	-0.12511E+00	0.17770E+01
74	0.80919E+00	0.54330E+00	0.20647E-01	-0.33760E+01	-0.35424E+00	0.15883E+01
75	0.15796E+01	0.51873E+00	-0.70694E+00	-0.28034E+01	-0.97787E+00	0.13067E+01
76	0.19331E+01	0.43273E+00	0.37089E-01	-0.31030E+01	-0.84772E+00	0.19682E+01
77	0.14525E+01	0.81179E+00	-0.41530E-01	-0.20733E+01	-0.59694E+00	0.79494E+00
78	0.14628E+01	0.47479E+00	-0.27530E+00	-0.16645E+01	-0.61790E+00	0.51629E+00
79	0.24314E+01	0.60825E+00	0.16479E+00	-0.22038E+01	-0.93683E+00	0.11595E+01
80	0.26969E+01	0.79531E+00	0.28100E+00	-0.15378E+01	-0.70344E+00	0.46834E+00
81	0.13540E+01	0.34456E+00	-0.41750E+00	-0.85554E+00	-0.60143E+00	0.21868E+00
82	0.16079E+01	0.53417E+00	-0.27252E+00	-0.73740E+00	-0.58401E+00	0.24020E+00
83	0.23725E+01	0.35540E+00	-0.90050E-01	-0.13530E+01	-0.68010E+00	0.48151E+00
84	0.29937E+01	0.74045E+00	0.29882E+00	-0.14722E+01	-0.10314E+01	0.50740E+00
85	0.33217E+01	0.32256E+00	0.27320E+00	-0.21569E+01	-0.12543E+01	0.12969E+01
86	0.33400E+01	0.43451E+00	0.20715E+00	-0.17876E+01	-0.12121E+01	0.28084E+00
87	0.24847E+01	0.52666E+00	0.16121E+00	-0.21190E+01	-0.12259E+01	0.13642E+01
88	0.24366E+01	-0.54887E-01	0.90168E-01	-0.22926E+01	-0.14691E+01	0.20367E+01
89	0.25672E+01	-0.42561E-01	0.77929E-01	-0.19519E+01	-0.15540E+01	0.13145E+01
90	0.30158E+01	0.27798E+00	0.14007E+00	-0.13976E+01	-0.16314E+01	0.92849E+00
91	0.30849E+01	0.38254E+00	0.29367E+00	-0.13356E+01	-0.17174E+01	0.12768E+01
92	0.31238E+01	0.51682E+00	0.26914E+00	-0.10290E+01	-0.16832E+01	0.84886E+00
93	0.19669E+01	-0.16191E+01	0.10320E+00	-0.23861E+01	-0.17196E+01	0.29921E+01
94	0.21956E+01	-0.45101E+00	0.48867E+00	-0.24122E+01	-0.15444E+01	0.28628E+01
95	0.15686E+01	0.21951E+00	0.54533E+00	-0.16649E+01	-0.14380E+01	0.21424E+01
96	0.19216E+01	-0.37410E+00	0.15460E+00	-0.24195E+01	-0.14255E+01	0.24490E+01
97	0.14068E+01	0.20760E-01	0.34007E+00	-0.18998E+01	-0.14159E+01	0.18457E+01
98	0.16492E+01	-0.13573E-01	0.13325E+00	-0.16557E+01	-0.13058E+01	0.18015E+01
99	0.18250E+01	-0.41127E+00	-0.10166E+00	-0.19379E+01	-0.13223E+01	0.18944E+01
100	0.13833E+01	-0.33759E+00	-0.19356E+00	-0.13955E+01	-0.12599E+01	0.13591E+01
101	0.16320E+01	0.47662E-01	0.52151E-01	-0.10139E+01	-0.12455E+01	0.10303E+01
102	0.11083E+01	-0.37702E+00	-0.64038E+00	-0.11421E+01	-0.11451E+01	0.98245E+00
103	0.71024E+00	0.10486E+00	-0.42280E+00	-0.27060E+00	-0.10376E+01	0.49824E+00
104	0.81126E+00	0.29384E+00	-0.35924E+00	-0.16976E-01	-0.10189E+01	0.31733E+00
105	0.23044E+01	-0.62378E+00	0.77500E+00	-0.21084E+01	-0.20975E+01	0.27831E+01
106	0.37436E+01	0.19501E+01	0.28513E+01	-0.24917E-01	-0.22616E+01	0.13268E+01
107	0.27982E+01	0.10504E+01	0.20133E+01	-0.10387E+01	-0.21656E+01	0.19871E+01
108	0.23468E+01	0.90953E+00	0.17452E+01	-0.10750E+01	-0.20681E+01	0.20004E+01
109	0.23182E+01	0.10368E+01	0.18890E+01	-0.36441E+00	-0.20601E+01	0.13299E+01
110	0.41245E+00	-0.63015E+00	0.30504E+00	-0.16506E+01	-0.18798E+01	0.20819E+01
111	0.11351E+00	-0.24051E+00	0.49969E+00	-0.11602E+01	-0.17266E+01	0.14447E+01
112	0.78006E-01	-0.26512E+00	0.43556E+00	-0.13552E+01	-0.17123E+01	0.11337E+01
113	-0.72920E+00	-0.11269E+01	-0.52169E+00	-0.20351E+01	-0.14286E+01	0.21978E+01
114	-0.47829E+00	-0.60282E+00	0.36573E-02	-0.16816E+01	-0.13218E+01	0.11104E+01

115	-0.56177E+00	-0.63905E+00	-0.16382E+00	-0.29617E+01	-0.12773E+01	0.10772E+01
116	-0.41700E+00	-0.10689E+01	-0.56032E+00	-0.23121E+01	-0.96592E+00	0.19056E+01
117	0.42459E+00	-0.40666E-01	0.23087E+00	-0.25082E+01	-0.75161E+00	0.10122E+01
118	0.33353E+00	-0.73083E-01	0.35615E-01	-0.21725E+01	-0.69952E+00	0.93634E+00
119	0.31533E-01	-0.86651E+00	-0.55273E+00	-0.18533E+01	-0.51926E+00	0.14314E+01
120	0.59863E+00	0.86184E-01	0.24833E-01	-0.18332E+01	-0.35504E+00	0.83875E+00
121	0.54200E+00	0.72518E-01	-0.10307E+00	-0.15580E+01	-0.31940E+00	0.73733E+00
122	-0.23220E+00	-0.10999E+01	-0.95254E+00	-0.15554E+01	-0.19656E+00	0.11199E+01
123	-0.38392E-02	-0.25490E+00	-0.58632E+00	-0.12437E+01	-0.44339E-01	0.61641E+00
124	-0.26784E-01	-0.24690E+00	-0.65168E+00	-0.94013E+00	-0.23133E-01	0.49715E+00
125	0.99085E-01	-0.21165E+00	-0.60292E+00	-0.81141E+00	0.15089E-02	0.56475E+00
126	-0.23765E+00	-0.36039E+00	-0.85618E+00	-0.56785E+00	0.80432E-01	0.34153E+00
127	-0.23357E+00	-0.34046E+00	-0.86591E+00	-0.28110E+00	0.87339E-01	0.25324E+00
128	-0.72121E+00	-0.64682E+00	-0.11978E+01	-0.42456E+00	0.14020E+00	0.29607E+00
129	-0.15234E+01	-0.11327E+01	-0.17536E+01	-0.14047E+00	0.24563E+00	0.10075E+00
183	0.26487E+01	-0.10921E+01	0.75212E+00	-0.35617E+01	-0.22236E+01	0.41860E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.76923E+00	0.51282E+01	-0.43589E+01	-0.57519E+02	0.23520E+02	0.26316E+02
131	0.13101E+00	0.87337E+00	-0.74237E+00	-0.12998E+03	0.39950E+02	0.83083E+02
132	0.26893E+00	0.17929E+01	-0.15239E+01	-0.22024E+03	0.64805E+02	0.14279E+03
133	0.14385E+00	0.95902E+00	-0.81517E+00	-0.32384E+03	0.89934E+02	0.20995E+03
134	0.29527E+00	0.19684E+01	-0.16732E+01	-0.44263E+03	0.11629E+03	0.29039E+03
135	0.50678E+00	0.33785E+01	-0.28717E+01	-0.53628E+03	0.13691E+03	0.36289E+03
136	0.27086E+00	0.18057E+01	-0.15349E+01	-0.61082E+03	0.14599E+03	0.41334E+03
137	0.26980E+00	0.17986E+01	-0.15288E+01	-0.58954E+03	0.16533E+03	0.43552E+03
138	0.55980E+00	0.37320E+01	-0.25332E+01	-0.60998E+03	0.30770E+03	0.47100E+03
139	-0.11752E+01	-0.78347E+01	0.89858E+01	-0.58325E+03	0.59542E+03	0.49836E+03
140	-0.38361E+01	-0.25574E+02	0.21738E+02	-0.76027E+03	0.72017E+03	0.56685E+03
141	-0.36549E+01	-0.24366E+02	0.20711E+02	-0.75883E+03	0.73163E+03	0.60531E+03
142	-0.41813E+01	-0.27875E+02	0.23694E+02	-0.80305E+03	0.73307E+03	0.64438E+03
143	-0.42950E+01	-0.28633E+02	0.24338E+02	0.33429E+03	0.90211E+03	-0.52147E+03
144	-0.49801E+01	-0.33201E+02	0.28221E+02	0.32331E+03	0.88537E+03	-0.48882E+03
145	0.16380E+01	0.10920E+02	-0.35399E+01	-0.37815E+03	0.62949E+03	-0.12022E+04
146	0.67000E+00	0.44667E+01	-0.42347E+01	-0.37005E+03	0.46149E+03	-0.10491E+04
147	0.68239E+00	0.45492E+01	-0.41475E+01	-0.35033E+03	0.47400E+03	-0.10332E+04
148	0.69610E+00	0.46407E+01	0.22491E+01	-0.34468E+03	0.48543E+03	-0.10361E+04
149	0.71156E+00	0.47437E+01	0.21683E+01	-0.34441E+03	0.49739E+03	-0.10559E+04
150	0.80778E+00	0.53852E+01	0.15012E+01	-0.27294E+03	0.54012E+03	-0.10264E+04
151	0.96129E+00	0.64086E+01	0.23874E+02	-0.26814E+03	0.60593E+03	-0.10513E+04
152	0.89080E+00	0.59387E+01	0.42184E+02	-0.26390E+03	0.55919E+03	-0.10431E+04
153	0.73765E+00	0.52510E+01	0.37338E+02	-0.23251E+03	0.49456E+03	-0.10198E+04
154	0.56856E+00	0.37904E+01	0.71159E+02	-0.20509E+03	0.35141E+03	-0.99172E+03
155	0.25880E+00	0.17253E+01	0.58309E+02	-0.20229E+03	0.14361E+03	-0.92841E+03
156	0.23104E-02	0.15403E-01	0.50210E+02	-0.16666E+03	-0.23446E+02	-0.86174E+03
157	-0.21043E+00	-0.14029E+01	0.40088E+02	-0.14510E+03	-0.16321E+03	-0.76832E+03
158	-0.33591E+00	-0.25727E+01	0.33734E+02	-0.11772E+03	-0.27706E+03	-0.67806E+03
159	-0.52631E+00	-0.35088E+01	0.24038E+02	-0.68527E+02	-0.36405E+03	-0.56339E+03
160	-0.63072E+00	-0.42048E+01	0.17135E+02	-0.46547E+02	-0.43094E+03	-0.45606E+03
161	-0.77630E+00	-0.51758E+01	0.93362E+01	-0.14728E+02	-0.49093E+03	-0.32616E+03
162	-0.82883E+00	-0.55255E+01	0.19343E+01	-0.96708E+00	-0.48980E+03	-0.23289E+03
163	-0.97953E+00	-0.65302E+01	0.42730E+00	0.26165E+02	-0.57476E+03	-0.16674E+03
164	-0.10104E+01	-0.67363E+01	-0.10880E+01	0.61955E+02	-0.58765E+03	-0.11241E+03

165	-0.59519E+03	-0.96574E+02	0.51800E+01	-0.34813E+02	-0.61222E+03	-0.85315E+02
166	-0.49272E+03	-0.73844E+02	-0.20995E+01	-0.27015E+02	-0.57162E+03	-0.77661E+02
167	-0.39781E+03	-0.55017E+02	-0.57309E+01	-0.22396E+02	-0.49094E+03	-0.71326E+02
168	-0.31021E+03	-0.40261E+02	-0.70541E+01	-0.17750E+02	-0.40741E+03	-0.65963E+02
169	-0.20479E+03	-0.21825E+02	-0.93553E+01	-0.13440E+02	-0.35234E+03	-0.59951E+02
170	-0.98671E+02	-0.20951E+01	-0.13014E+02	-0.85156E+01	-0.31869E+03	-0.53031E+02
171	0.11260E+02	0.17182E+02	-0.15335E+02	-0.13350E+01	-0.25507E+03	-0.43276E+02
172	0.78451E+02	0.26533E+02	-0.14304E+02	0.51350E+01	-0.16902E+03	-0.32706E+02
173	0.83640E+02	0.22120E+02	-0.91048E+01	0.92359E+01	-0.91057E+02	-0.25352E+02
174	0.53020E+02	0.11203E+02	-0.30284E+01	0.10519E+02	-0.33619E+02	-0.20422E+02
175	0.13312E+02	0.12055E+01	0.70464E+00	0.81211E+01	-0.16048E+02	-0.18500E+02
176	-0.18485E+01	-0.15139E+01	0.10900E+01	0.55563E+01	-0.21609E+02	-0.17495E+02
177	-0.39344E+01	-0.12313E+01	0.54800E+00	0.36139E+01	-0.25541E+02	-0.14552E+02
178	-0.15290E+01	-0.22535E+00	-0.17827E-01	0.24156E+01	-0.19808E+02	-0.10576E+02
179	0.38620E+00	0.16704E+00	-0.10557E+00	0.20607E+01	-0.14023E+02	-0.74265E+01
180	0.53263E-01	0.63827E-01	-0.53270E-01	0.15883E+01	-0.81465E+01	-0.44639E+01
181	0.13445E+00	0.14056E+00	-0.10713E+00	0.12836E+01	-0.37011E+01	-0.15519E+01
182	-0.46913E+00	-0.21788E+00	0.12827E+00	0.45276E+00	0.87164E+00	0.51898E-01

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.91206E-02	-0.24743E-04	-0.93181E-02	0.00000E+00
3	0.16643E-01	-0.31274E-05	-0.16567E-01	0.00000E+00
4	0.18327E-01	-0.67510E-05	-0.18130E-01	0.00000E+00
5	0.20455E-01	-0.31120E-04	-0.20434E-01	0.00000E+00
6	0.21740E-01	0.62816E-05	-0.21741E-01	0.00000E+00
7	0.20435E-01	0.46989E-03	-0.20517E-01	0.00000E+00
8	0.21793E-01	0.48783E-03	-0.21851E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.90881E-02	0.27311E-03	-0.91058E-02	0.00000E+00
11	0.16444E-01	0.59153E-03	-0.16565E-01	0.00000E+00
12	0.18085E-01	0.74162E-03	-0.18295E-01	0.00000E+00
13	0.20437E-01	0.85929E-03	-0.20647E-01	0.00000E+00
14	0.21894E-01	0.92672E-03	-0.22167E-01	0.00000E+00
15	0.20552E-01	0.15655E-02	-0.21144E-01	0.00000E+00
16	0.22071E-01	0.15884E-02	-0.22700E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.87551E-02	0.66957E-03	-0.92928E-02	0.00000E+00
19	0.16131E-01	0.15638E-02	-0.17050E-01	0.00000E+00
20	0.17973E-01	0.19665E-02	-0.18923E-01	0.00000E+00
21	0.20661E-01	0.21842E-02	-0.21651E-01	0.00000E+00
22	0.22339E-01	0.22610E-02	-0.23468E-01	0.00000E+00
23	0.20865E-01	0.33499E-02	-0.22412E-01	0.00000E+00
24	0.22713E-01	0.34852E-02	-0.24502E-01	0.00000E+00
25	0.22948E-01	0.44068E-02	-0.21132E-01	0.00000E+00
26	0.23090E-01	0.48160E-02	-0.25502E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.79793E-02	0.10362E-02	-0.93452E-02	0.00000E+00
29	0.15241E-01	0.26005E-02	-0.17408E-01	0.00000E+00
30	0.17349E-01	0.34450E-02	-0.19553E-01	0.00000E+00
31	0.20566E-01	0.44172E-02	-0.23057E-01	0.00000E+00
32	0.23218E-01	0.52942E-02	-0.25891E-01	0.00000E+00
33	0.20497E-01	0.46441E-02	-0.23234E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.76654E-02	0.10235E-02	-0.92900E-02	0.00000E+00
36	0.14793E-01	0.26100E-02	-0.17366E-01	0.00000E+00
37	0.16960E-01	0.34818E-02	-0.19520E-01	0.00000E+00
38	0.20268E-01	0.45869E-02	-0.23301E-01	0.00000E+00
39	0.23421E-01	0.54553E-02	-0.26589E-01	0.00000E+00
40	0.23381E-01	0.54412E-02	-0.26441E-01	0.00000E+00
41	0.23342E-01	0.54275E-02	-0.26300E-01	0.00000E+00
42	0.23298E-01	0.54030E-02	-0.26118E-01	0.00000E+00
43	0.16275E-01	0.30025E-02	-0.19112E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.67381E-02	0.76440E-03	-0.87054E-02	0.00000E+00
46	0.13439E-01	0.19233E-02	-0.16385E-01	0.00000E+00
47	0.23432E-01	0.54553E-02	-0.26645E-01	0.00000E+00
48	0.23434E-01	0.54558E-02	-0.26637E-01	0.00000E+00
49	0.20210E-01	0.45437E-02	-0.23285E-01	0.00000E+00
50	0.23447E-01	0.54895E-02	-0.26661E-01	0.00000E+00
51	0.19561E-01	0.39397E-02	-0.22553E-01	0.00000E+00
52	0.22674E-01	0.51244E-02	-0.25429E-01	0.00000E+00
53	0.23425E-01	0.54340E-02	-0.26675E-01	0.00000E+00
54	0.15619E-01	0.25897E-02	-0.18457E-01	0.00000E+00
55	0.18787E-01	0.34716E-02	-0.21736E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.61030E-02	0.32201E-03	-0.77873E-02	0.00000E+00
58	0.12406E-01	0.11307E-02	-0.14887E-01	0.00000E+00
59	0.21543E-01	0.43699E-02	-0.24240E-01	0.00000E+00
60	0.22344E-01	0.49288E-02	-0.25063E-01	0.00000E+00
61	0.23451E-01	0.55088E-02	-0.26684E-01	0.00000E+00
62	0.14421E-01	0.15420E-02	-0.16879E-01	0.00000E+00
63	0.17333E-01	0.21629E-02	-0.19822E-01	0.00000E+00
64	0.22809E-01	0.51887E-02	-0.25591E-01	0.00000E+00
65	0.23455E-01	0.55274E-02	-0.26705E-01	0.00000E+00
66	0.23486E-01	0.55645E-02	-0.26748E-01	0.00000E+00
67	0.23517E-01	0.56023E-02	-0.26792E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.58746E-02	0.12229E-03	-0.67677E-02	0.00000E+00
70	0.11551E-01	0.38888E-03	-0.13037E-01	0.00000E+00
71	0.20007E-01	0.29746E-02	-0.22417E-01	0.00000E+00
72	0.22774E-01	0.51590E-02	-0.25479E-01	0.00000E+00
73	0.16110E-01	0.98849E-03	-0.17470E-01	0.00000E+00
74	0.23485E-01	0.54558E-02	-0.26132E-01	0.00000E+00
75	0.23542E-01	0.56347E-02	-0.26829E-01	0.00000E+00
76	0.23706E-01	0.56958E-02	-0.26884E-01	0.00000E+00
77	0.18511E-01	0.14046E-02	-0.19575E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.56940E-02	-0.17187E-03	-0.58792E-02	0.00000E+00
80	0.11004E-01	-0.25310E-03	-0.11177E-01	0.00000E+00
81	0.12565E-01	-0.26504E-03	-0.12693E-01	0.00000E+00
82	0.15035E-01	-0.48604E-04	-0.14953E-01	0.00000E+00
83	0.22550E-01	0.36797E-02	-0.24596E-01	0.00000E+00
84	0.19974E-01	0.84372E-03	-0.19273E-01	0.00000E+00
85	0.24054E-01	0.57748E-02	-0.26952E-01	0.00000E+00
86	0.24283E-01	0.57548E-02	-0.26759E-01	0.00000E+00
87	0.17323E-01	0.20973E-03	-0.16965E-01	0.00000E+00
88	0.23551E-01	0.47988E-02	-0.25783E-01	0.00000E+00
89	0.24359E-01	0.58473E-02	-0.27011E-01	0.00000E+00
90	0.13340E-01	-0.14020E-03	-0.12694E-01	0.00000E+00
91	0.14577E-01	0.31724E-04	-0.13491E-01	0.00000E+00
92	0.15404E-01	0.21735E-03	-0.13928E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.52749E-02	0.00000E+00	-0.48865E-02	0.00000E+00
95	0.97393E-02	0.00000E+00	-0.39341E-02	0.00000E+00
96	0.10831E-01	0.00000E+00	-0.98473E-02	0.00000E+00
97	0.12216E-01	0.00000E+00	-0.10869E-01	0.00000E+00
98	0.12335E-01	0.00000E+00	-0.11205E-01	0.00000E+00
99	0.13477E-01	0.40980E-05	-0.12344E-01	0.00000E+00
100	0.16455E-01	0.33649E-03	-0.14941E-01	0.00000E+00
101	0.22477E-01	0.14960E-02	-0.20438E-01	0.00000E+00
102	0.25171E-01	0.59460E-02	-0.27085E-01	0.00000E+00
103	0.24041E-01	0.41486E-02	-0.25715E-01	0.00000E+00
104	0.25554E-01	0.61955E-02	-0.27494E-01	0.00000E+00
105	0.25811E-01	0.60336E-02	-0.27130E-01	0.00000E+00
106	0.25259E-01	0.45433E-02	-0.26361E-01	0.00000E+00
107	0.26523E-01	0.65504E-02	-0.27866E-01	0.00000E+00
108	0.26368E-01	0.61086E-02	-0.27146E-01	0.00000E+00
109	0.26796E-01	0.61701E-02	-0.27125E-01	0.00000E+00
110	0.27098E-01	0.50865E-02	-0.26891E-01	0.00000E+00
111	0.27320E-01	0.68430E-02	-0.28037E-01	0.00000E+00
112	0.27158E-01	0.62204E-02	-0.27069E-01	0.00000E+00
113	0.27490E-01	0.54324E-02	-0.27165E-01	0.00000E+00
114	0.27396E-01	0.62525E-02	-0.26969E-01	0.00000E+00
115	0.27555E-01	0.62744E-02	-0.26829E-01	0.00000E+00
116	0.27617E-01	0.62809E-02	-0.26639E-01	0.00000E+00

117	0.27644E-01	0.68963E-02	-0.27781E-01	0.00000E+00
118	0.27616E-01	0.62806E-02	-0.26529E-01	0.00000E+00
119	0.27588E-01	0.62728E-02	-0.26319E-01	0.00000E+00
120	0.27866E-01	0.68968E-02	-0.27311E-01	0.00000E+00
121	0.27527E-01	0.62547E-02	-0.26046E-01	0.00000E+00
122	0.27524E-01	0.62372E-02	-0.26051E-01	0.44685E-05
123	0.27509E-01	0.61977E-02	-0.26044E-01	0.84040E-05
124	0.27463E-01	0.61311E-02	-0.26037E-01	0.13458E-04
125	0.27434E-01	0.60282E-02	-0.26026E-01	0.20368E-04
126	0.27308E-01	0.57658E-02	-0.26007E-01	0.31034E-04
127	0.27142E-01	0.54218E-02	-0.25986E-01	0.36837E-04
128	0.26753E-01	0.45742E-02	-0.25942E-01	0.38120E-04
129	0.26424E-01	0.37930E-02	-0.25899E-01	0.32182E-04
130	0.26144E-01	0.30854E-02	-0.25852E-01	0.22377E-04
131	0.25917E-01	0.24296E-02	-0.25781E-01	0.86615E-05
132	0.25847E-01	0.21971E-02	-0.25724E-01	0.31158E-05
133	0.25810E-01	0.20529E-02	-0.25680E-01	0.39275E-05
134	0.25756E-01	0.17887E-02	-0.25648E-01	0.74962E-05
135	0.25687E-01	0.13609E-02	-0.25624E-01	0.10128E-04
136	0.25634E-01	0.90899E-03	-0.25606E-01	0.94190E-05
137	0.25605E-01	0.49552E-03	-0.25597E-01	0.90977E-05
138	0.25587E-01	0.71515E-04	-0.25587E-01	0.88113E-05
139	0.25587E-01	0.90059E-05	-0.25587E-01	0.89980E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2600E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.20366E-01	0.53223E-01	0.64254E-02	0.11241E+01	0.16330E-01	-0.11354E+01
2	-0.95910E-02	0.49602E-01	-0.11864E-01	0.94332E+00	0.18146E-01	-0.93081E+00
3	-0.84054E-01	0.36910E-01	-0.23652E-01	0.71226E+00	-0.80928E-02	-0.70472E+00
4	0.55724E-01	0.52382E-01	0.11219E+00	0.55140E+00	-0.39676E-01	-0.57722E+00
5	-0.65059E-01	0.23014E-01	-0.32797E-01	0.55037E+00	-0.92778E-02	-0.57181E+00
6	0.28619E-01	0.78879E-01	-0.98904E-02	0.57976E+00	-0.82408E-02	-0.58865E+00
7	-0.35245E-02	0.13009E-02	-0.31151E-01	0.38554E+00	-0.68471E-02	-0.37943E+00
8	0.16953E-01	0.17345E-01	-0.40563E-01	0.39031E+00	-0.22693E-01	-0.40017E+00
9	0.12584E+00	0.26649E+00	0.13713E+00	0.11056E+01	-0.72410E-04	-0.11364E+01
10	0.61176E-01	0.27491E+00	0.87367E-01	0.95565E+00	-0.59939E-02	-0.96933E+00
11	-0.30420E-01	0.22965E+00	-0.82323E-01	0.79712E+00	-0.30218E-01	-0.78442E+00
12	0.12019E+00	0.12957E+00	0.25273E-01	0.63696E+00	-0.59514E-01	-0.59554E+00
13	-0.18326E-01	0.93575E-01	-0.68348E-01	0.65718E+00	-0.21464E-01	-0.63506E+00
14	0.14106E+00	0.19584E+00	0.18383E-01	0.69422E+00	-0.49924E-01	-0.68499E+00
15	0.74187E-01	0.41692E-01	-0.40829E-01	0.45711E+00	-0.60048E-01	-0.43158E+00
16	0.76688E-01	0.30927E-01	-0.77581E-01	0.47485E+00	-0.72050E-01	-0.47597E+00
17	0.18360E+00	0.45054E+00	0.21305E+00	0.10365E+01	0.12528E-01	-0.11520E+01
18	0.62491E-01	0.49230E+00	0.11656E+00	0.95045E+00	0.22165E-01	-0.10115E+01
19	-0.21096E+00	0.48207E+00	-0.16385E+00	0.90450E+00	0.19823E-01	-0.88253E+00
20	0.21505E+00	0.23603E+00	0.44843E-01	0.79297E+00	-0.88864E-01	-0.69533E+00
21	0.78949E-02	0.40246E+00	0.60004E-02	0.82480E+00	0.34137E-03	-0.79381E+00
22	0.26344E+00	0.78970E+00	0.23622E+00	0.88444E+00	-0.47350E-01	-0.87790E+00
23	0.18884E+00	0.13218E+00	-0.24819E-01	0.61090E+00	-0.10725E+00	-0.55112E+00
24	0.37444E+00	0.26503E+00	0.75762E-01	0.74709E+00	-0.16295E+00	-0.59957E+00
25	0.24414E+00	0.50582E+00	0.10418E+00	0.73646E+00	-0.92749E-01	-0.69256E+00
26	0.10067E+01	0.12240E+01	0.67732E+00	0.92165E+00	-0.18984E+00	-0.73244E+00
27	0.20631E+00	0.53312E+00	0.24539E+00	0.95455E+00	-0.24594E-01	-0.11512E+01
28	0.37381E-01	0.60473E+00	0.12658E+00	0.87892E+00	0.58140E-01	-0.10300E+01
29	-0.40044E+00	0.62934E+00	-0.22873E+00	0.79502E+00	0.13237E+00	-0.93426E+00
30	0.30054E-01	0.62388E+00	0.55079E-01	0.81984E+00	-0.21803E-01	-0.88182E+00
31	0.75034E-01	0.80629E+00	0.15114E+00	0.71683E+00	-0.81312E-01	-0.91082E+00
32	0.15786E+00	0.80039E+00	0.16716E+00	0.68289E+00	0.37229E-01	-0.93583E+00
33	0.66956E+00	0.10101E+01	0.44989E+00	0.77073E+00	-0.12602E+00	-0.81908E+00
34	0.14141E+01	0.14519E+01	0.92044E+00	0.76468E+00	-0.23824E+00	-0.83588E+00
35	0.70306E+00	0.98667E+00	0.44343E+00	0.72271E+00	-0.84052E-01	-0.88378E+00
36	-0.25660E-01	0.53557E+00	-0.26806E-01	0.69897E+00	0.42453E-01	-0.89963E+00
37	0.77790E+00	0.11032E+01	0.51653E+00	0.77567E+00	-0.89882E-01	-0.93225E+00
38	0.17140E+00	0.45489E+00	0.20100E+00	0.87114E+00	0.38169E-01	-0.11085E+01
39	0.12176E-01	0.50754E+00	0.82262E-01	0.81190E+00	0.99706E-01	-0.99398E+00
40	-0.36715E+00	0.65744E+00	-0.21285E+00	0.66042E+00	0.22988E+00	-0.92155E+00
41	-0.42384E+00	0.49520E+00	-0.26390E+00	0.69536E+00	0.24716E+00	-0.91887E+00
42	-0.43219E+00	0.42423E+00	-0.27152E+00	0.68357E+00	0.28703E+00	-0.84986E+00
43	-0.12670E-01	0.68956E+00	0.61937E-01	0.63842E+00	0.13138E+00	-0.92909E+00
44	-0.18436E+00	0.45770E+00	-0.92836E-01	0.60229E+00	0.20434E+00	-0.83978E+00
45	-0.21754E+00	0.44505E+00	-0.91263E-01	0.63458E+00	0.20130E+00	-0.82388E+00
46	-0.13226E+00	0.46715E+00	-0.37355E-01	0.61810E+00	0.16962E+00	-0.77467E+00
47	0.24124E+00	0.77154E+00	0.17783E+00	0.72016E+00	0.26640E-01	-0.93604E+00
48	0.49181E+00	0.94651E+00	0.33829E+00	0.77353E+00	0.56242E-01	-0.94674E+00
49	0.16355E+00	0.81725E+00	0.16785E+00	0.72578E+00	0.15913E+00	-0.98055E+00
50	-0.65584E+00	0.32136E+00	-0.33634E+00	0.58095E+00	0.40757E+00	-0.73857E+00
51	-0.10036E+00	0.61154E-01	-0.25677E+00	0.26658E-01	0.57689E-01	-0.19852E+00
52	-0.11315E+01	-0.10707E+01	-0.11040E+01	-0.41155E+00	0.21459E+00	0.56581E+00
53	-0.27253E+00	0.47642E+00	-0.20028E-01	0.52677E+00	0.22044E+00	-0.66070E+00
54	0.69419E-01	0.24378E+00	0.37789E-01	0.76852E+00	0.47764E-01	-0.10121E+01

35	-0.26275E-01	0.33652E+00	0.25913E-01	0.74938E+00	0.12366E+00	-0.91918E+00
36	-0.40034E+00	0.32198E+00	-0.23888E+00	0.63411E+00	0.30845E+00	-0.80048E+00
37	-0.23292E+00	0.32206E+00	-0.10148E+00	0.55708E+00	0.20028E+00	-0.71865E+00
38	-0.27089E+00	0.33667E+00	-0.10840E+00	0.46633E+00	0.21004E+00	-0.61125E+00
39	0.12791E+00	0.20662E+00	0.11315E+00	0.74592E+00	0.73787E-02	-0.95320E+00
60	-0.83351E-01	-0.19953E-01	-0.71156E-01	0.70335E+00	0.85426E-01	-0.82901E+00
61	-0.35696E-01	0.20632E-01	-0.17224E-01	0.69643E+00	0.69163E-01	-0.82698E+00
62	-0.86648E-01	-0.12366E+00	-0.67958E-01	0.69593E+00	0.65510E-03	-0.71797E+00
63	-0.59096E-01	0.15180E+00	-0.21379E-01	0.69752E+00	0.12611E+00	-0.82322E+00
64	-0.14447E+00	-0.68470E-01	-0.10600E+00	0.63703E+00	0.10821E+00	-0.70706E+00
65	-0.29725E+00	0.25530E+00	-0.15894E+00	0.63007E+00	0.32768E+00	-0.75713E+00
66	-0.38685E+00	0.68392E-01	-0.17839E+00	0.57972E+00	0.33882E+00	-0.65443E+00
67	-0.30622E+00	-0.15459E+00	-0.17109E+00	0.47833E+00	0.28541E+00	-0.55503E+00
68	-0.23095E+00	0.25022E+00	-0.83365E-01	0.53014E+00	0.23651E+00	-0.66208E+00
69	-0.25218E+00	0.60325E-01	-0.12784E+00	0.43864E+00	0.19963E+00	-0.59202E+00
70	-0.39467E+00	-0.11462E+00	-0.22016E+00	0.44530E+00	0.22403E+00	-0.49243E+00
71	-0.33007E+00	0.15042E+00	-0.14912E+00	0.43473E+00	0.25270E+00	-0.53712E+00
72	-0.32135E+00	0.20818E-01	-0.13805E+00	0.41122E+00	0.22853E+00	-0.45423E+00
73	-0.63452E-01	-0.76776E-01	-0.54964E-01	0.67189E+00	0.86974E-02	-0.65757E+00
74	-0.10582E+00	-0.84886E-01	-0.71646E-01	0.60121E+00	0.28001E-01	-0.57025E+00
75	-0.18681E+00	-0.81259E-01	-0.65072E-01	0.49597E+00	0.87381E-01	-0.44333E+00
76	-0.24429E+00	-0.36172E-02	-0.93021E-01	0.53121E+00	0.95671E-01	-0.48795E+00
77	-0.21325E+00	-0.14146E+00	-0.12874E+00	0.36153E+00	0.56961E-01	-0.30730E+00
78	-0.25973E+00	-0.16231E+00	-0.14605E+00	0.30613E+00	0.70958E-01	-0.22102E+00
79	-0.36798E+00	-0.82333E-01	-0.16414E+00	0.37601E+00	0.11850E+00	-0.30446E+00
80	-0.42777E+00	-0.14946E+00	-0.20664E+00	0.26545E+00	0.97575E-01	-0.17230E+00
81	-0.18872E+00	-0.57206E-01	-0.73637E-01	0.14961E+00	0.70255E-01	-0.10870E+00
82	-0.27023E+00	-0.16562E+00	-0.14382E+00	0.13362E+00	0.81861E-01	-0.72722E-01
83	-0.36049E+00	-0.53560E-01	-0.13435E+00	0.22708E+00	0.95068E-01	-0.12228E+00
84	-0.48708E+00	-0.13957E+00	-0.21953E+00	0.23845E+00	0.14246E+00	-0.13706E+00
85	-0.49874E+00	0.26554E-01	-0.16169E+00	0.36337E+00	0.18580E+00	-0.29803E+00
86	-0.53437E+00	-0.40069E-01	-0.18415E+00	0.31612E+00	0.17921E+00	-0.16805E+00
87	-0.44708E+00	-0.15600E+00	-0.24129E+00	0.32513E+00	0.22618E+00	-0.27998E+00
88	-0.36986E+00	0.14343E+00	-0.14003E+00	0.33961E+00	0.28214E+00	-0.40308E+00
89	-0.36097E+00	0.16264E+00	-0.12145E+00	0.25560E+00	0.29366E+00	-0.34622E+00
90	-0.51144E+00	-0.40038E-01	-0.20700E+00	0.18312E+00	0.30182E+00	-0.18732E+00
91	-0.46050E+00	0.44402E-01	-0.17671E+00	0.17020E+00	0.31366E+00	-0.22571E+00
92	-0.50942E+00	-0.47734E-01	-0.20689E+00	0.12935E+00	0.30429E+00	-0.13855E+00
93	-0.32437E+00	0.53662E+00	-0.79700E-01	0.33906E+00	0.24483E+00	-0.55520E+00
94	-0.37279E+00	0.29260E+00	-0.17947E+00	0.34803E+00	0.22274E+00	-0.51526E+00
95	-0.28796E+00	0.14368E+00	-0.20327E+00	0.20061E+00	0.17795E+00	-0.36780E+00
96	-0.32884E+00	0.24366E+00	-0.15398E+00	0.33268E+00	0.19872E+00	-0.46893E+00
97	-0.27661E+00	0.15072E+00	-0.18193E+00	0.22097E+00	0.17296E+00	-0.31734E+00
98	-0.28111E+00	0.12635E+00	-0.16585E+00	0.21515E+00	0.14856E+00	-0.32565E+00
99	-0.36146E+00	0.13661E+00	-0.18605E+00	0.26768E+00	0.17885E+00	-0.37583E+00
100	-0.23120E+00	0.14531E+00	-0.11485E+00	0.16915E+00	0.13168E+00	-0.23981E+00
101	-0.24296E+00	0.73976E-01	-0.12672E+00	0.90077E-01	0.11539E+00	-0.16606E+00
102	-0.10534E+00	0.13864E+00	-0.28079E-02	0.15583E+00	0.87354E-01	-0.16915E+00
103	-0.28125E-01	0.24623E-01	-0.11484E-01	-0.25576E-01	0.51325E-01	-0.61620E-01
104	-0.50794E-01	-0.26721E-01	-0.16811E-01	-0.61717E-01	0.42654E-01	-0.21883E-01
105	-0.45073E+00	0.29432E+00	-0.23785E+00	0.29425E+00	0.26852E+00	-0.52561E+00
106	-0.78193E+00	-0.34614E+00	-0.67077E+00	-0.46030E-01	0.29205E+00	-0.23481E+00
107	-0.55951E+00	-0.90336E-01	-0.46986E+00	0.11683E+00	0.27545E+00	-0.37643E+00
108	-0.48996E+00	-0.68169E-01	-0.43073E+00	0.12018E+00	0.25589E+00	-0.37615E+00
109	-0.56085E+00	-0.20400E+00	-0.52349E+00	0.12019E-01	0.24944E+00	-0.23390E+00
110	-0.15058E+00	0.23271E+00	-0.17114E+00	0.22383E+00	0.21695E+00	-0.39137E+00
111	-0.22069E+00	-0.28650E-01	-0.31419E+00	0.14454E+00	0.17831E+00	-0.20053E+00
112	-0.21556E+00	-0.27430E-01	-0.30253E+00	0.25053E+00	0.17504E+00	-0.19780E+00
113	0.93842E-01	0.38288E+00	0.12919E-01	0.30096E+00	0.13201E+00	-0.38909E+00
114	-0.96511E-01	0.41918E-01	-0.21076E+00	0.23532E+00	0.10160E+00	-0.19433E+00

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115	-0.35059E-01	0.42561E-01	-0.18278E+00	0.42707E+00	0.93332E-01	-0.13742E+00
116	0.71825E-01	0.37895E+00	0.39964E-01	0.34822E+00	0.44473E-01	-0.34050E+00
117	-0.19287E+00	-0.23326E-01	-0.21025E+00	0.36867E+00	-0.58095E-02	-0.17709E+00
118	-0.18218E+00	-0.31394E-01	-0.18046E+00	0.32365E+00	-0.15359E-01	-0.16296E+00
119	-0.11535E-01	0.26990E+00	0.13354E-01	0.29839E+00	-0.40139E-01	-0.24996E+00
120	-0.17038E+00	-0.29946E-01	-0.13779E+00	0.28330E+00	-0.79721E-01	-0.14687E+00
121	-0.16568E+00	-0.37446E-01	-0.11850E+00	0.24743E+00	-0.87010E-01	-0.12867E+00
122	0.63086E-01	0.28537E+00	0.95729E-01	0.28033E+00	-0.10392E+00	-0.20147E+00
123	0.11833E-02	0.56657E-01	0.18428E-01	0.20934E+00	-0.14288E+00	-0.10839E+00
124	0.24413E-03	0.44549E-01	0.28188E-01	0.16565E+00	-0.14823E+00	-0.87190E-01
125	-0.50642E-02	0.43444E-01	0.12509E-01	0.16831E+00	-0.14518E+00	-0.89297E-01
126	0.89000E-01	0.88663E-01	0.10792E+00	0.11702E+00	-0.16789E+00	-0.60282E-01
127	0.85372E-01	0.77144E-01	0.11037E+00	0.92655E-01	-0.17093E+00	-0.45084E-01
128	0.17567E+00	0.13355E+00	0.17118E+00	0.10387E+00	-0.17638E+00	-0.41362E-01
129	0.34746E+00	0.23593E+00	0.31116E+00	0.54113E-01	-0.19912E+00	-0.15267E-01
183	-0.45793E+00	0.46380E+00	-0.17939E+00	0.55337E+00	0.29096E+00	-0.72916E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.25355E+00	-0.16903E+01	0.14368E+01	0.83804E+01	-0.94931E+01	-0.43215E+01
131	-0.65296E-01	-0.43530E+00	0.37001E+00	0.16084E+02	-0.17964E+02	-0.16477E+02
132	-0.10265E+00	-0.68434E+00	0.58169E+00	0.28286E+02	-0.29015E+02	-0.28280E+02
133	-0.68762E-01	-0.45841E+00	0.38965E+00	0.43415E+02	-0.39826E+02	-0.41508E+02
134	-0.13956E+00	-0.93041E+00	0.79085E+00	0.61416E+02	-0.50624E+02	-0.56917E+02
135	-0.20104E+00	-0.13403E+01	0.11393E+01	0.78190E+02	-0.58073E+02	-0.70612E+02
136	-0.14032E+00	-0.93543E+00	0.79516E+00	0.89508E+02	-0.61841E+02	-0.79800E+02
137	-0.16544E+00	-0.11030E+01	0.93751E+00	0.79708E+02	-0.67609E+02	-0.83857E+02
138	-0.76905E-01	-0.51270E+00	0.29662E+00	0.83439E+02	-0.11185E+03	-0.90536E+02
139	0.65301E+00	0.43534E+01	-0.42497E+01	0.75495E+02	-0.20092E+03	-0.96735E+02
140	0.15622E+01	0.10415E+02	-0.88524E+01	0.10705E+03	-0.24266E+03	-0.11020E+03
141	0.14773E+01	0.98486E+01	-0.83713E+01	0.10550E+03	-0.24571E+03	-0.11838E+03
142	0.16921E+01	0.11281E+02	-0.95885E+01	0.11458E+03	-0.24634E+03	-0.12593E+03
143	0.17366E+01	0.11578E+02	-0.98410E+01	-0.65201E+02	-0.27325E+03	0.76684E+02
144	0.20391E+01	0.13594E+02	-0.11555E+02	-0.61657E+02	-0.27047E+03	0.69294E+02
145	-0.49975E+00	-0.33317E+01	-0.56369E+00	0.14876E+03	-0.18705E+03	0.21001E+03
146	-0.20084E+00	-0.13389E+01	0.30002E+00	0.12972E+03	-0.13552E+03	0.19070E+03
147	-0.20196E+00	-0.13464E+01	0.27600E+00	0.12348E+03	-0.13732E+03	0.18716E+03
148	-0.20288E+00	-0.13525E+01	-0.70082E+00	0.12284E+03	-0.13812E+03	0.18775E+03
149	-0.20368E+00	-0.13579E+01	-0.68366E+00	0.12598E+03	-0.13827E+03	0.19187E+03
150	-0.22714E+00	-0.15143E+01	-0.64230E+00	0.10796E+03	-0.14719E+03	0.18551E+03
151	-0.26755E+00	-0.17837E+01	-0.41147E+01	0.11251E+03	-0.16297E+03	0.19052E+03
152	-0.25147E+00	-0.16765E+01	-0.69226E+01	0.10997E+03	-0.15253E+03	0.18870E+03
153	-0.22971E+00	-0.15314E+01	-0.60646E+01	0.10093E+03	-0.13927E+03	0.18400E+03
154	-0.18901E+00	-0.12600E+01	-0.11156E+02	0.93688E+02	-0.11299E+03	0.17856E+03
155	-0.13383E+00	-0.89218E+00	-0.88623E+01	0.86696E+02	-0.76951E+02	0.16678E+03
156	-0.86806E-01	-0.57371E+00	-0.78193E+01	0.76985E+02	-0.46801E+02	0.15480E+03
157	-0.45840E-01	-0.30560E+00	-0.61656E+01	0.65832E+02	-0.20937E+02	0.13825E+03
158	-0.99505E-02	-0.66336E-01	-0.53937E+01	0.56601E+02	0.18016E+01	0.12239E+03
159	0.21368E-01	0.14244E+00	-0.33569E+01	0.39111E+02	0.20228E+02	0.10230E+03
160	0.47706E-01	0.31804E+00	-0.29025E+01	0.30005E+02	0.36567E+02	0.83464E+02
161	0.77768E-01	0.51856E+00	-0.19664E+01	0.15244E+02	0.51252E+02	0.60954E+02
162	0.96025E-01	0.64016E+00	-0.11414E+01	0.78432E+01	0.57906E+02	0.44776E+02
163	0.13646E+00	0.84310E+00	-0.91880E+00	-0.69048E+00	0.74609E+02	0.32783E+02
164	0.14745E+00	0.95435E+00	-0.55994E+00	-0.10333E+02	0.85678E+02	0.20927E+02

165	0.96923E+02	0.18344E+02	-0.31244E+01	0.84597E+01	0.95768E+02	0.14721E+02
166	0.83808E+02	0.14655E+02	-0.14864E+01	0.72942E+01	0.90457E+02	0.13576E+02
167	0.69883E+02	0.11082E+02	-0.24719E+00	0.65626E+01	0.78718E+02	0.12617E+02
168	0.56351E+02	0.82005E+01	0.48617E+00	0.58247E+01	0.66250E+02	0.11798E+02
169	0.38988E+02	0.49091E+01	0.10955E+01	0.51299E+01	0.58373E+02	0.10871E+02
170	0.21035E+02	0.14989E+01	0.17844E+01	0.43163E+01	0.53972E+02	0.97853E+01
171	0.13235E+01	-0.19493E+01	0.22771E+01	0.31771E+01	0.44811E+02	0.82175E+01
172	-0.10466E+02	-0.37969E+01	0.22270E+01	0.19102E+01	0.31684E+02	0.64726E+01
173	-0.12492E+02	-0.33561E+01	0.14645E+01	0.10678E+01	0.19098E+02	0.52098E+01
174	-0.86403E+01	-0.17831E+01	0.49473E+00	0.59998E+00	0.94343E+01	0.42936E+01
175	-0.22815E+01	-0.16466E+00	-0.13515E+00	0.70150E+00	0.58170E+01	0.38558E+01
176	0.26927E+00	0.30348E+00	-0.21826E+00	0.87165E+00	0.63834E+01	0.35851E+01
177	0.84013E+00	0.28813E+00	-0.13074E+00	0.86383E+00	0.69484E+01	0.29902E+01
178	0.44017E+00	0.58956E-01	0.14383E-01	0.67206E+00	0.53877E+01	0.21875E+01
179	-0.12657E+00	-0.64829E-01	0.46069E-01	0.39449E+00	0.37464E+01	0.15016E+01
180	-0.45030E-01	-0.21395E-01	0.15306E-01	0.17833E+00	0.21298E+01	0.83308E+00
181	-0.33249E-01	-0.41942E-01	0.33863E-01	-0.49934E-01	0.93822E+00	0.27984E+00
182	0.82479E-01	0.38315E-01	-0.22559E-01	-0.86150E-01	-0.27343E+00	-0.39631E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.38001E-01	-0.42486E-04	-0.38375E-01	0.00000E+00
3	0.71657E-01	0.11261E-03	-0.71631E-01	0.00000E+00
4	0.80330E-01	0.12719E-03	-0.80067E-01	0.00000E+00
5	0.92355E-01	-0.13980E-04	-0.92327E-01	0.00000E+00
6	0.10068E+00	0.83780E-05	-0.10068E+00	0.00000E+00
7	0.92461E-01	0.89052E-03	-0.92547E-01	0.00000E+00
8	0.10094E+00	0.77308E-03	-0.10104E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.37503E-01	0.47236E-03	-0.37476E-01	0.00000E+00
11	0.70895E-01	0.11151E-02	-0.71010E-01	0.00000E+00
12	0.79842E-01	0.13705E-02	-0.80052E-01	0.00000E+00
13	0.92628E-01	0.13639E-02	-0.92856E-01	0.00000E+00
14	0.10156E+00	0.12351E-02	-0.10199E+00	0.00000E+00
15	0.93211E-01	0.22689E-02	-0.94183E-01	0.00000E+00
16	0.10260E+00	0.19291E-02	-0.10362E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.36627E-01	0.84399E-03	-0.37407E-01	0.00000E+00
19	0.70293E-01	0.20979E-02	-0.71549E-01	0.00000E+00
20	0.79864E-01	0.26270E-02	-0.81182E-01	0.00000E+00
21	0.93804E-01	0.26641E-02	-0.95376E-01	0.00000E+00
22	0.10411E+00	0.24026E-02	-0.10599E+00	0.00000E+00
23	0.94659E-01	0.36032E-02	-0.97170E-01	0.00000E+00
24	0.10614E+00	0.30267E-02	-0.10926E+00	0.00000E+00
25	0.10735E+00	0.37497E-02	-0.11129E+00	0.00000E+00
26	0.10807E+00	0.38969E-02	-0.11251E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.35345E-01	0.77415E-03	-0.36321E-01	0.00000E+00
29	0.68845E-01	0.22360E-02	-0.70484E-01	0.00000E+00
30	0.79151E-01	0.30855E-02	-0.81020E-01	0.00000E+00
31	0.94921E-01	0.38839E-02	-0.98319E-01	0.00000E+00
32	0.10879E+00	0.39412E-02	-0.11380E+00	0.00000E+00
33	0.94859E-01	0.39773E-02	-0.98408E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.34921E-01	0.56782E-03	-0.35612E-01	0.00000E+00
36	0.68224E-01	0.17660E-02	-0.69334E-01	0.00000E+00
37	0.78572E-01	0.24741E-02	-0.79700E-01	0.00000E+00
38	0.94766E-01	0.34640E-02	-0.98076E-01	0.00000E+00
39	0.10974E+00	0.41726E-02	-0.11576E+00	0.00000E+00
40	0.10955E+00	0.41623E-02	-0.11533E+00	0.00000E+00
41	0.10936E+00	0.41509E-02	-0.11493E+00	0.00000E+00
42	0.10915E+00	0.41260E-02	-0.11445E+00	0.00000E+00
43	0.77353E-01	0.12891E-02	-0.75429E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.33304E-01	-0.21345E-04	-0.31427E-01	0.00000E+00
46	0.65531E-01	0.36009E-03	-0.61123E-01	0.00000E+00
47	0.10979E+00	0.41725E-02	-0.11586E+00	0.00000E+00
48	0.10980E+00	0.41731E-02	-0.11590E+00	0.00000E+00
49	0.94695E-01	0.32828E-02	-0.97790E-01	0.00000E+00
50	0.10937E+00	0.42098E-02	-0.11625E+00	0.00000E+00
51	0.93132E-01	0.21106E-02	-0.91505E-01	0.00000E+00
52	0.10723E+00	0.42614E-02	-0.10615E+00	0.00000E+00
53	0.10974E+00	0.41566E-02	-0.11573E+00	0.00000E+00
54	0.75404E-01	0.36199E-03	-0.70105E-01	0.00000E+00
55	0.90712E-01	0.17517E-02	-0.84437E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.31442E-01	-0.71120E-03	-0.25857E-01	0.00000E+00
58	0.61895E-01	-0.55359E-03	-0.51122E-01	0.00000E+00
59	0.10332E+00	0.30361E-02	-0.96379E-01	0.00000E+00
60	0.10618E+00	0.39429E-02	-0.10314E+00	0.00000E+00
61	0.10989E+00	0.42358E-02	-0.11646E+00	0.00000E+00
62	0.71229E-01	-0.54430E-03	-0.58549E-01	0.00000E+00
63	0.84951E-01	-0.57059E-04	-0.69727E-01	0.00000E+00
64	0.10796E+00	0.43454E-02	-0.10697E+00	0.00000E+00
65	0.10991E+00	0.42607E-02	-0.11666E+00	0.00000E+00
66	0.11007E+00	0.43099E-02	-0.11708E+00	0.00000E+00
67	0.11023E+00	0.43580E-02	-0.11750E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.29916E-01	-0.97306E-03	-0.20397E-01	0.00000E+00
70	0.57839E-01	-0.17797E-02	-0.40271E-01	0.00000E+00
71	0.97499E-01	0.53873E-03	-0.80164E-01	0.00000E+00
72	0.10817E+00	0.43950E-02	-0.10521E+00	0.00000E+00
73	0.79074E-01	-0.18353E-02	-0.33027E-01	0.00000E+00
74	0.11169E+00	0.47120E-02	-0.10859E+00	0.00000E+00
75	0.11037E+00	0.43947E-02	-0.11789E+00	0.00000E+00
76	0.11123E+00	0.44580E-02	-0.11860E+00	0.00000E+00
77	0.90243E-01	-0.13061E-02	-0.62612E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.28617E-01	-0.13401E-02	-0.15926E-01	0.00000E+00
80	0.54036E-01	-0.26124E-02	-0.29720E-01	0.00000E+00
81	0.61275E-01	-0.32374E-02	-0.33596E-01	0.00000E+00
82	0.72358E-01	-0.31157E-02	-0.39665E-01	0.00000E+00
83	0.10886E+00	0.15630E-02	-0.89970E-01	0.00000E+00
84	0.94816E-01	-0.18181E-02	-0.56435E-01	0.00000E+00
85	0.11307E+00	0.45404E-02	-0.11953E+00	0.00000E+00
86	0.11562E+00	0.47838E-02	-0.11247E+00	0.00000E+00
87	0.82534E-01	-0.28868E-02	-0.45602E-01	0.00000E+00
88	0.11330E+00	0.33432E-02	-0.10176E+00	0.00000E+00
89	0.11475E+00	0.46093E-02	-0.12044E+00	0.00000E+00
90	0.59828E-01	-0.21080E-02	-0.15129E-01	0.00000E+00
91	0.65172E-01	-0.17920E-02	-0.15929E-01	0.00000E+00
92	0.68830E-01	-0.14157E-02	-0.16964E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.21241E-01	0.00000E+00	0.35393E-02	0.00000E+00
95	0.39404E-01	0.00000E+00	0.57375E-02	0.00000E+00
96	0.43782E-01	0.00000E+00	0.61126E-02	0.00000E+00
97	0.49364E-01	0.00000E+00	0.53679E-02	0.00000E+00
98	0.51542E-01	0.00000E+00	0.48089E-02	0.00000E+00
99	0.57658E-01	-0.12510E-02	-0.57419E-02	0.00000E+00
100	0.74776E-01	-0.14510E-02	-0.23711E-01	0.00000E+00
101	0.10468E+00	-0.34957E-03	-0.61529E-01	0.00000E+00
102	0.11908E+00	0.46854E-02	-0.12174E+00	0.00000E+00
103	0.11552E+00	0.22649E-02	-0.95194E-01	0.00000E+00
104	0.12229E+00	0.49908E-02	-0.11748E+00	0.00000E+00
105	0.12273E+00	0.47511E-02	-0.12295E+00	0.00000E+00
106	0.12026E+00	0.29334E-02	-0.98925E-01	0.00000E+00
107	0.12740E+00	0.53314E-02	-0.12112E+00	0.00000E+00
108	0.12585E+00	0.47832E-02	-0.12404E+00	0.00000E+00
109	0.12838E+00	0.48003E-02	-0.12499E+00	0.00000E+00
110	0.12683E+00	0.40496E-02	-0.10336E+00	0.00000E+00
111	0.13130E+00	0.57413E-02	-0.12384E+00	0.00000E+00
112	0.13049E+00	0.47962E-02	-0.12579E+00	0.00000E+00
113	0.12931E+00	0.42656E-02	-0.10863E+00	0.00000E+00
114	0.13201E+00	0.47663E-02	-0.12641E+00	0.00000E+00
115	0.13309E+00	0.47245E-02	-0.12686E+00	0.00000E+00
116	0.13360E+00	0.46730E-02	-0.12710E+00	0.00000E+00

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117	0.13293E+00	0.57285E-02	-0.12500E+00	0.00000E+00
118	0.13362E+00	0.46459E-02	-0.12715E+00	0.00000E+00
119	0.13353E+00	0.45918E-02	-0.12713E+00	0.00000E+00
120	0.13393E+00	0.56312E-02	-0.12583E+00	0.00000E+00
121	0.13345E+00	0.45121E-02	-0.12705E+00	0.00000E+00
122	0.13345E+00	0.44419E-02	-0.12716E+00	0.17405E-04
123	0.13339E+00	0.42889E-02	-0.12725E+00	0.31820E-04
124	0.13330E+00	0.40391E-02	-0.12733E+00	0.49465E-04
125	0.13313E+00	0.36657E-02	-0.12742E+00	0.72393E-04
126	0.13270E+00	0.27526E-02	-0.12756E+00	0.10529E-03
127	0.13216E+00	0.16045E-02	-0.12770E+00	0.12029E-03
128	0.13098E+00	-0.10492E-02	-0.12798E+00	0.11301E-03
129	0.13007E+00	-0.32299E-02	-0.12824E+00	0.82662E-04
130	0.12946E+00	-0.48181E-02	-0.12852E+00	0.40368E-04
131	0.12934E+00	-0.52674E-02	-0.12894E+00	-0.12716E-04
132	0.12971E+00	-0.41400E-02	-0.12934E+00	-0.32107E-04
133	0.13010E+00	-0.27596E-02	-0.12969E+00	-0.27316E-04
134	0.13032E+00	-0.18515E-02	-0.12998E+00	-0.15236E-04
135	0.13041E+00	-0.14033E-02	-0.13022E+00	-0.87069E-05
136	0.13048E+00	-0.10021E-02	-0.13039E+00	-0.10504E-04
137	0.13052E+00	-0.56208E-03	-0.13049E+00	-0.10627E-04
138	0.13055E+00	-0.87702E-04	-0.13055E+00	-0.11571E-04
139	0.13055E+00	-0.10647E-04	-0.13055E+00	-0.10685E-04

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000243

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2700E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.62063E-01	0.23517E-01	-0.50528E-01	0.46338E+01	0.47588E-01	-0.46518E+01
2	-0.16059E+00	0.33209E-01	-0.97704E-01	0.41553E+01	0.74765E-01	-0.41449E+01
3	-0.26442E+00	0.25548E-01	-0.73978E-01	0.34019E+01	0.51411E-01	-0.34123E+01
4	0.14194E+00	0.42904E-01	0.17791E+00	0.27685E+01	-0.76999E-01	-0.28377E+01
5	-0.14976E+00	-0.17361E-03	-0.65552E-01	0.27935E+01	0.33152E-02	-0.28495E+01
6	0.99783E-01	0.35838E-01	0.75002E-03	0.28558E+01	-0.36773E-01	-0.29051E+01
7	0.98918E-01	0.71171E-02	0.33939E-02	0.20346E+01	-0.38410E-01	-0.20360E+01
8	0.21578E+00	0.18412E-01	0.23423E-01	0.20365E+01	-0.88840E-01	-0.21032E+01
9	0.82725E-01	0.31051E+00	0.13045E+00	0.45444E+01	0.12216E-01	-0.45930E+01
10	0.16899E-01	0.36157E+00	0.75647E-01	0.41497E+01	0.90925E-02	-0.41934E+01
11	-0.49927E-01	0.32621E+00	-0.10912E+00	0.35660E+01	-0.53656E-01	-0.36073E+01
12	0.48058E+00	0.26713E+00	0.19719E+00	0.29337E+01	-0.20316E+00	-0.29033E+01
13	0.45466E-01	0.15851E+00	-0.58877E-01	0.30077E+01	-0.51860E-01	-0.30650E+01
14	0.42161E+00	0.22334E+00	0.80507E-01	0.30918E+01	-0.15196E+00	-0.31993E+01
15	0.47742E+00	0.79651E-01	0.39355E-01	0.21983E+01	-0.21893E+00	-0.22035E+01
16	0.58607E+00	0.72473E-01	0.66857E-01	0.22854E+01	-0.25202E+00	-0.23665E+01
17	0.52167E-01	0.34656E+00	0.12203E+00	0.43957E+01	0.54301E-01	-0.45179E+01
18	-0.95144E-01	0.44254E+00	0.39736E-01	0.41071E+01	0.11648E+00	-0.42195E+01
19	-0.32973E+00	0.50140E+00	-0.18945E+00	0.36891E+01	0.18511E+00	-0.38507E+01
20	0.65770E+00	0.36524E+00	0.19916E+00	0.31900E+01	-0.24893E+00	-0.31988E+01
21	-0.44388E-02	0.44748E+00	-0.14473E-01	0.33225E+01	0.82878E-01	-0.35932E+01
22	0.63906E+00	0.89283E+00	0.38220E+00	0.34661E+01	-0.11965E+00	-0.33601E+01
23	0.82216E+00	0.11344E+00	0.11885E+00	0.25820E+01	-0.36599E+00	-0.25624E+01
24	0.16577E+01	0.52556E+00	0.56068E+00	0.28338E+01	-0.62213E+00	-0.28314E+01
25	0.79576E+00	0.40275E+00	0.15516E+00	0.29332E+01	-0.30820E+00	-0.32339E+01
26	0.24929E+01	0.15313E+01	0.12453E+01	0.31396E+01	-0.75013E+00	-0.35881E+01
27	-0.15921E-01	0.24937E+00	0.65290E-01	0.42694E+01	0.94755E-01	-0.44040E+01
28	-0.20483E+00	0.36984E+00	-0.84251E-02	0.40015E+01	0.24884E+00	-0.41807E+01
29	-0.67969E+00	0.46534E+00	-0.24410E+00	0.35280E+01	0.66002E+00	-0.39470E+01
30	0.14501E+00	0.55801E+00	0.39196E-01	0.34674E+01	0.38476E-01	-0.33555E+01
31	-0.18175E+00	0.67055E+00	0.21860E-01	0.32961E+01	0.43523E+00	-0.40070E+01
32	0.23408E+00	0.77336E+00	0.19795E+00	0.32055E+01	0.26939E+00	-0.40725E+01
33	0.13627E+01	0.11928E+01	0.86781E+00	0.33683E+01	-0.45411E+00	-0.37748E+01
34	0.44414E+01	0.29167E+01	0.25579E+01	0.35243E+01	-0.10415E+01	-0.40944E+01
35	0.94780E+00	0.58462E+00	0.22120E+00	0.33039E+01	-0.33684E+00	-0.40928E+01
36	-0.37302E+00	-0.50075E-01	-0.49637E+00	0.32439E+01	0.31300E+00	-0.42217E+01
37	0.14751E+01	0.13687E+01	0.75249E+00	0.36163E+01	-0.36231E+00	-0.43636E+01
38	-0.18295E+00	-0.28636E-02	-0.57975E-01	0.41487E+01	0.14078E+00	-0.40996E+01
39	-0.43152E+00	0.63540E-01	-0.85364E-01	0.39347E+01	0.41217E+00	-0.38887E+01
40	-0.31239E+00	0.33977E+00	-0.13857E+00	0.34619E+01	0.12015E+01	-0.33809E+01
41	-0.10937E+01	-0.17314E+00	-0.20173E+00	0.36440E+01	0.10820E+01	-0.37849E+01
42	-0.14268E+01	0.33993E-01	-0.54305E-01	0.35002E+01	0.13522E+01	-0.33237E+01
43	-0.50621E+00	0.22065E+00	-0.21602E+00	0.32879E+01	0.69259E+00	-0.40903E+01
44	-0.92191E+00	-0.15330E-01	-0.36359E+00	0.32164E+01	0.11386E+01	-0.35373E+01
45	-0.14497E+01	-0.27555E+00	-0.48512E+00	0.33751E+01	0.10972E+01	-0.35215E+01
46	-0.75707E+00	0.28720E+00	0.80155E-01	0.32460E+01	0.78580E+00	-0.31331E+01
47	0.36796E+00	0.69937E+00	0.77692E-01	0.34251E+01	0.21693E+00	-0.44063E+01
48	-0.49190E-03	0.53210E+00	-0.16856E+00	0.36309E+01	0.28556E+00	-0.44532E+01
49	-0.48076E+00	0.46678E+00	-0.24716E+00	0.35473E+01	0.90505E+00	-0.47276E+01
50	-0.32867E+01	-0.65745E+00	-0.16494E+01	0.30352E+01	0.24382E+01	-0.32588E+01
51	-0.65795E+00	-0.39467E+00	-0.88542E+00	0.14639E+00	0.31526E+00	-0.87384E+00
52	-0.17253E+01	-0.75959E+00	-0.13049E+01	-0.10661E+01	0.13461E+01	0.40795E+01
53	-0.13012E+01	0.44833E+00	-0.70576E-01	0.27404E+01	0.12389E+01	-0.28464E+01
54	-0.47359E+00	-0.42653E+00	-0.27935E+00	0.39314E+01	0.17543E+00	-0.34979E+01

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55	-0.73815E+00	-0.25973E+00	-0.14999E+00	0.37717E+01	0.43351E+00	-0.33551E+01
56	-0.14801E+01	-0.14624E+00	0.17787E+00	0.33510E+01	0.13248E+01	-0.30094E+01
57	-0.12529E+01	-0.86953E-01	-0.31412E-01	0.30043E+01	0.95803E+00	-0.27730E+01
58	-0.13733E+01	0.31158E-01	0.45142E-01	0.25371E+01	0.11312E+01	-0.24435E+01
59	-0.24984E+00	-0.42369E+00	-0.20091E+00	0.33429E+01	-0.24465E-01	-0.31572E+01
60	-0.85150E+00	-0.84121E+00	-0.50458E+00	0.36446E+01	0.32410E+00	-0.25109E+01
61	-0.67151E+00	-0.69434E+00	-0.31739E+00	0.36222E+01	0.26078E+00	-0.25092E+01
62	-0.47566E+00	-0.80327E+00	-0.38594E+00	0.34976E+01	-0.44872E-01	-0.19418E+01
63	-0.85906E+00	-0.54135E+00	-0.17386E+00	0.35166E+01	0.45275E+00	-0.27337E+01
64	-0.94928E+00	-0.84504E+00	-0.23120E+00	0.32152E+01	0.38438E+00	-0.20273E+01
65	-0.15377E+01	-0.34123E+00	0.37077E+00	0.32425E+01	0.12320E+01	-0.26981E+01
66	-0.19358E+01	-0.55744E+00	0.43077E+00	0.28871E+01	0.13765E+01	-0.20836E+01
67	-0.15322E+01	-0.38944E+00	0.55345E+00	0.25140E+01	0.10552E+01	-0.13671E+01
68	-0.15577E+01	-0.32768E+00	-0.12022E-02	0.28190E+01	0.10051E+01	-0.24094E+01
69	-0.13485E+01	-0.46167E+00	0.10998E+00	0.26615E+01	0.78345E+00	-0.19142E+01
70	-0.17753E+01	-0.75139E+00	-0.10612E+00	0.22904E+01	0.97862E+00	-0.12908E+01
71	-0.16566E+01	-0.27456E+00	0.11678E+00	0.24123E+01	0.10800E+01	-0.19423E+01
72	-0.13632E+01	-0.44673E+00	0.16594E+00	0.21836E+01	0.10132E+01	-0.14355E+01
73	-0.43611E+00	-0.46467E+00	-0.15229E+00	0.30591E+01	0.10414E+00	-0.75432E+00
74	-0.67577E+00	-0.42685E+00	0.15283E+00	0.27026E+01	0.29135E+00	-0.70078E+00
75	-0.15616E+01	-0.41099E+00	0.98464E+00	0.22279E+01	0.79480E+00	-0.61857E+00
76	-0.16179E+01	-0.47920E+00	0.23520E+00	0.24450E+01	0.67963E+00	-0.12841E+01
77	-0.11702E+01	-0.62417E+00	0.35190E+00	0.16518E+01	0.47833E+00	-0.23396E+00
78	-0.10395E+01	-0.18235E+00	0.63259E+00	0.13008E+01	0.48047E+00	-0.15559E+00
79	-0.19310E+01	-0.51755E+00	0.22388E+00	0.17271E+01	0.74477E+00	-0.70380E+00
80	-0.21372E+01	-0.60974E+00	0.13595E+00	0.12079E+01	0.50242E+00	-0.15771E+00
81	-0.11227E+01	-0.27139E+00	0.63943E+00	0.63223E+00	0.46062E+00	-0.35004E-01
82	-0.12599E+01	-0.26349E+00	0.60116E+00	0.57378E+00	0.42708E+00	-0.11780E+00
83	-0.19063E+01	-0.30585E+00	0.41008E+00	0.10663E+01	0.48076E+00	-0.27401E+00
84	-0.23225E+01	-0.55255E+00	0.17766E+00	0.11676E+01	0.81115E+00	-0.26640E+00
85	-0.26530E+01	-0.40996E+00	0.10955E+00	0.15779E+01	0.10003E+01	-0.92697E+00
86	-0.26009E+01	-0.39397E+00	0.22399E+00	0.13516E+01	0.96931E+00	-0.67588E+00
87	-0.13565E+01	-0.31965E+00	0.35431E+00	0.17039E+01	0.10368E+01	-0.92689E+00
88	-0.19460E+01	-0.22570E+00	0.18070E+00	0.13523E+01	0.12778E+01	-0.15388E+01
89	-0.21043E+01	-0.25363E+00	0.13935E+00	0.16260E+01	0.13684E+01	-0.14250E+01
90	-0.23045E+01	-0.25593E+00	0.27302E+00	0.11598E+01	0.14318E+01	-0.69019E+00
91	-0.24790E+01	-0.48555E+00	-0.29298E-02	0.11112E+01	0.15346E+01	-0.10346E+01
92	-0.24397E+01	-0.45809E+00	0.67724E-01	0.86036E+00	0.15190E+01	-0.73018E+00
93	-0.15463E+01	0.72645E+00	-0.55634E-01	0.19560E+01	0.14347E+01	-0.23243E+01
94	-0.15955E+01	-0.93521E-01	-0.28379E+00	0.19654E+01	0.13049E+01	-0.22044E+01
95	-0.11760E+01	-0.52045E+00	-0.32718E+00	0.14127E+01	0.12549E+01	-0.16669E+01
96	-0.14703E+01	-0.71520E-01	0.36512E-01	0.19926E+01	0.12168E+01	-0.18919E+01
97	-0.10221E+01	-0.31067E+00	-0.14707E+00	0.16194E+01	0.12428E+01	-0.14500E+01
98	-0.12621E+01	-0.23845E+00	0.51877E-01	0.13731E+01	0.11632E+01	-0.13921E+01
99	-0.13120E+01	0.14929E+00	0.35454E+00	0.15660E+01	0.11440E+01	-0.14563E+01
100	-0.10535E+01	0.30953E-01	0.30939E+00	0.11729E+01	0.11424E+01	-0.10718E+01
101	-0.13028E+01	-0.18609E+00	0.60461E-01	0.90581E+00	0.11562E+01	-0.83066E+00
102	-0.73258E+00	0.15143E+00	0.58261E+00	0.92753E+00	0.10906E+01	-0.32525E+00
103	-0.70916E+00	-0.15619E+00	0.34240E+00	0.32758E+00	0.10208E+01	-0.42116E+00
104	-0.76870E+00	-0.25424E+00	0.29165E+00	0.12065E+00	0.10164E+01	-0.29989E+00
105	-0.15996E+01	0.73713E-01	-0.52042E+00	0.17312E+01	0.17230E+01	-0.21398E+01
106	-0.26357E+01	-0.15127E+01	-0.19454E+01	0.10246E+00	0.18505E+01	-0.10193E+01
107	-0.20374E+01	-0.10314E+01	-0.14232E+01	0.90316E+00	0.17754E+01	-0.15088E+01
108	-0.15753E+01	-0.91711E+00	-0.12065E+01	0.93464E+00	0.17025E+01	-0.15227E+01
109	-0.15043E+01	-0.73223E+00	-0.11610E+01	0.36139E+00	0.17025E+01	-0.10234E+01
110	-0.20571E+00	0.25623E+00	-0.12911E+00	0.13609E+01	0.15621E+01	-0.15961E+01
111	0.24720E+00	0.26151E+00	-0.74064E-01	0.97514E+00	0.14549E+01	-0.88064E+00
112	0.27617E+00	0.28666E+00	-0.27193E-01	0.15267E+01	0.14460E+01	-0.87229E+00
113	0.52552E+00	0.48547E+00	0.42395E+00	0.16266E+01	0.12209E+01	-0.16873E+01
114	0.65111E+00	0.51978E+00	0.25619E+00	0.13674E+01	0.11548E+01	-0.85178E+00

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000245

115	0.71973E+00	-0.55837E+00	0.38877E+00	0.23848E+01	0.11229E+01	-0.82660E+00
116	0.23834E+00	0.43512E+00	0.40701E+00	0.18325E+01	0.87477E+00	-0.14717E+01
117	-0.14727E+00	0.42040E-01	0.33399E-02	0.20046E+01	0.72418E+00	-0.77311E+00
118	-0.69656E-01	0.33303E-01	0.15610E+00	0.17263E+01	0.68661E+00	-0.71507E+00
119	-0.42164E-01	0.41556E+00	0.43527E+00	0.14349E+01	0.54014E+00	-0.11052E+01
120	-0.37473E+00	-0.90298E-01	0.34292E-01	0.14412E+01	0.42733E+00	-0.63747E+00
121	-0.32342E+00	-0.61849E-01	0.18426E+00	0.12149E+01	0.40303E+00	-0.55973E+00
122	0.99467E-01	0.63025E+00	0.70082E+00	0.11563E+01	0.30221E+00	-0.86270E+00
123	-0.48544E-01	0.11261E+00	0.44371E+00	0.95641E+00	0.19867E+00	-0.46505E+00
124	-0.22838E-01	0.12549E+00	0.49510E+00	0.71719E+00	0.18583E+00	-0.37378E+00
125	-0.12667E+00	0.13236E+00	0.48127E+00	0.57765E+00	0.15988E+00	-0.44204E+00
126	0.33829E-01	0.16113E+00	0.56424E+00	0.41835E+00	0.11060E+00	-0.25426E+00
127	0.36070E-01	0.16043E+00	0.57054E+00	0.16735E+00	0.10857E+00	-0.18564E+00
128	0.40744E+00	0.41622E+00	0.32506E+00	0.27931E+00	0.64100E-01	-0.24063E+00
129	0.92032E+00	0.70456E+00	0.11432E+01	0.83465E-01	-0.11585E-01	-0.77338E-01
183	-0.20473E+01	0.26266E+00	-0.58842E+00	0.28459E+01	0.18213E+01	-0.32531E+01

2A3

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.40589E+00	-0.27059E+01	0.23000E+01	0.48086E+02	-0.10545E+02	-0.21118E+02
131	-0.82678E-02	-0.55119E-01	0.46851E-01	0.11232E+03	-0.15069E+02	-0.62596E+02
132	-0.85585E-01	-0.57057E+00	0.48498E+00	0.18777E+03	-0.24956E+02	-0.10736E+03
133	-0.13698E-01	-0.91319E-01	0.77621E-01	0.27224E+03	-0.35597E+02	-0.15740E+03
134	-0.38798E-01	-0.25865E+00	0.21985E+00	0.36750E+03	-0.47613E+02	-0.21767E+03
135	-0.15213E+00	-0.10142E+01	0.86209E+00	0.43759E+03	-0.59654E+02	-0.27196E+03
136	-0.14712E-01	-0.98081E-01	0.83369E-01	0.49734E+03	-0.62788E+02	-0.31009E+03
137	-0.36714E-01	-0.24476E+00	-0.20804E+00	0.49339E+03	-0.73766E+02	-0.32683E+03
138	-0.46376E+00	-0.30918E+01	0.21643E+01	0.50759E+03	-0.15720E+03	-0.35343E+03
139	-0.27657E-02	-0.18438E-01	-0.15956E+01	0.49282E+03	-0.32548E+03	-0.37259E+03
140	0.11736E+01	0.78239E+01	-0.66503E+01	0.62562E+03	-0.39442E+03	-0.42315E+03
141	0.11393E+01	0.75955E+01	-0.64562E+01	0.62579E+03	-0.40189E+03	-0.45064E+03
142	0.12927E+01	0.86141E+01	-0.73254E+01	0.65598E+03	-0.40278E+03	-0.47954E+03
143	0.13353E+01	0.89019E+01	-0.75666E+01	-0.24010E+03	-0.53571E+03	0.41641E+03
144	0.15531E+01	0.10354E+02	-0.88010E+01	-0.23610E+03	-0.52303E+03	0.39352E+03
145	-0.97175E+00	-0.64784E+01	0.51934E+01	0.13497E+03	-0.38686E+03	0.92251E+03
146	-0.40348E+00	-0.26898E+01	0.42073E+01	0.15825E+03	-0.28760E+03	0.79649E+03
147	-0.41518E+00	-0.27679E+01	0.41483E+01	0.14880E+03	-0.29805E+03	0.78464E+03
148	-0.42888E+00	-0.28592E+01	-0.95425E+00	0.14397E+03	-0.30934E+03	0.78655E+03
149	-0.44489E+00	-0.29659E+01	-0.89261E+00	0.13803E+03	-0.32258E+03	0.80095E+03
150	-0.51214E+00	-0.34143E+01	-0.25163E+00	0.94328E+02	-0.35425E+03	0.77842E+03
151	-0.61632E+00	-0.41088E+01	-0.17931E+02	0.81651E+02	-0.40203E+03	0.79684E+03
152	-0.57221E+00	-0.38147E+01	-0.32449E+02	0.82570E+02	-0.37224E+03	0.78999E+03
153	-0.50373E+00	-0.33582E+01	-0.28758E+02	0.66640E+02	-0.32859E+03	0.77168E+03
154	-0.34639E+00	-0.23093E+01	-0.55613E+02	0.51563E+02	-0.22510E+03	0.74968E+03
155	-0.11920E+00	-0.79467E+00	-0.45924E+02	0.63019E+02	-0.70670E+02	0.70063E+03
156	0.65805E-01	0.43870E+00	-0.39153E+02	0.43630E+02	0.50777E+02	0.64885E+03
157	0.21542E+00	0.14361E+01	-0.31365E+02	0.41808E+02	0.15107E+03	0.57668E+03
158	0.33507E+00	0.22338E+01	-0.26123E+02	0.29986E+02	0.22971E+03	0.50679E+03
159	0.42651E+00	0.28434E+01	-0.18639E+02	0.96279E+01	0.28814E+03	0.41835E+03
160	0.48974E+00	0.32649E+01	-0.13169E+02	0.25708E+01	0.32957E+03	0.33590E+03
161	0.53148E+00	0.33765E+01	-0.67276E+01	-0.48462E+01	0.36532E+03	0.23564E+03
162	0.60339E+00	0.40226E+01	-0.13676E+00	-0.66876E+01	0.35546E+03	0.16388E+03
163	0.69361E+00	0.46240E+01	0.81018E+00	-0.21962E+02	0.40647E+03	0.11425E+03
164	0.69020E+00	0.46014E+01	0.17848E+01	-0.41608E+02	0.40151E+03	0.77821E+02

000246

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5622

244

165	0.37544E+03	0.57560E+02	-0.29487E+00	0.18461E+02	0.40878E+03	0.60662E+02
166	0.30535E+03	0.43105E+02	0.37056E+01	0.13409E+02	0.38015E+03	0.55480E+02
167	0.24297E+03	0.31795E+02	0.51443E+01	0.10497E+02	0.32509E+03	0.51220E+02
168	0.18634E+03	0.23046E+02	0.52954E+01	0.75779E+01	0.26863E+03	0.47644E+02
169	0.11973E+03	0.11753E+02	0.64167E+01	0.49179E+01	0.23121E+03	0.43675E+02
170	0.53737E+02	-0.39313E+00	0.85537E+01	0.19194E+01	0.20840E+03	0.39137E+02
171	-0.13810E+02	-0.12019E+02	0.97802E+01	-0.20891E+01	0.16670E+03	0.32767E+02
172	-0.53156E+02	-0.17203E+02	0.88835E+01	-0.61344E+01	0.11171E+03	0.25856E+02
173	-0.53800E+02	-0.13895E+02	0.54973E+01	-0.83465E+01	0.62563E+02	0.20980E+02
174	-0.33426E+02	-0.68073E+01	0.16424E+01	-0.87151E+01	0.27049E+02	0.17508E+02
175	-0.79697E+01	-0.52472E+00	-0.61539E+00	-0.68024E+01	0.15969E+02	0.15800E+02
176	0.14881E+01	0.11172E+01	-0.79740E+00	-0.49210E+01	0.19146E+02	0.14671E+02
177	0.28298E+01	0.88089E+00	-0.39582E+00	-0.33681E+01	0.21129E+02	0.12078E+02
178	0.10928E+01	0.15164E+00	0.17717E-01	-0.22967E+01	0.16071E+02	0.37520E+01
179	-0.31525E+00	-0.12663E+00	0.74071E-01	-0.19076E+01	0.11385E+02	0.61598E+01
180	-0.22693E-01	-0.44247E-01	0.37843E-01	-0.14349E+01	0.66479E+01	0.37125E+01
181	-0.10562E+00	-0.11197E+00	0.34391E-01	-0.11136E+01	0.30308E+01	0.12979E+01
182	0.39165E+00	0.18190E+00	-0.10709E+00	-0.37767E+00	-0.70325E+00	-0.36701E-01

00247

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2800E+01 (FOR FOURIER TERM, NUMBER 1)

2A5

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.61209E-01	0.94009E-04	0.61676E-01	0.00000E+00
3	-0.11549E+00	-0.40210E-04	0.11542E+00	0.00000E+00
4	-0.12957E+00	-0.69343E-04	0.12922E+00	0.00000E+00
5	-0.14930E+00	0.50157E-04	0.14917E+00	0.00000E+00
6	-0.16290E+00	-0.14466E-04	0.16290E+00	0.00000E+00
7	-0.14943E+00	-0.13392E-02	0.14961E+00	0.00000E+00
8	-0.16333E+00	-0.11489E-02	0.16351E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.60734E-01	-0.81088E-03	0.60747E-01	0.00000E+00
11	-0.11468E+00	-0.17767E-02	0.11492E+00	0.00000E+00
12	-0.12905E+00	-0.21700E-02	0.12950E+00	0.00000E+00
13	-0.14978E+00	-0.21702E-02	0.15025E+00	0.00000E+00
14	-0.16435E+00	-0.19758E-02	0.16514E+00	0.00000E+00
15	-0.15084E+00	-0.39897E-02	0.15257E+00	0.00000E+00
16	-0.16606E+00	-0.34239E-02	0.16792E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.59577E-01	-0.16879E-02	0.60925E-01	0.00000E+00
19	-0.11403E+00	-0.39982E-02	0.11625E+00	0.00000E+00
20	-0.12935E+00	-0.49877E-02	0.13176E+00	0.00000E+00
21	-0.15194E+00	-0.50883E-02	0.15474E+00	0.00000E+00
22	-0.16854E+00	-0.46583E-02	0.17196E+00	0.00000E+00
23	-0.15350E+00	-0.75480E-02	0.15795E+00	0.00000E+00
24	-0.17190E+00	-0.67143E-02	0.17749E+00	0.00000E+00
25	-0.17391E+00	-0.96167E-02	0.18092E+00	0.00000E+00
26	-0.17511E+00	-0.92132E-02	0.18297E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.57370E-01	-0.20276E-02	0.59511E-01	0.00000E+00
29	-0.11156E+00	-0.53177E-02	0.11511E+00	0.00000E+00
30	-0.12815E+00	-0.71714E-02	0.13210E+00	0.00000E+00
31	-0.15378E+00	-0.90168E-02	0.16014E+00	0.00000E+00
32	-0.17630E+00	-0.97285E-02	0.18514E+00	0.00000E+00
33	-0.15360E+00	-0.93707E-02	0.16039E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.56552E-01	-0.17516E-02	0.53455E-01	0.00000E+00
36	-0.11040E+00	-0.47409E-02	0.11342E+00	0.00000E+00
37	-0.12709E+00	-0.64152E-02	0.13016E+00	0.00000E+00
38	-0.15340E+00	-0.36128E-02	0.15994E+00	0.00000E+00
39	-0.17788E+00	-0.10219E-01	0.18848E+00	0.00000E+00
40	-0.17756E+00	-0.10192E-01	0.18776E+00	0.00000E+00
41	-0.17725E+00	-0.10143E-01	0.18708E+00	0.00000E+00
42	-0.17691E+00	-0.10103E-01	0.18626E+00	0.00000E+00
43	-0.12494E+00	-0.45629E-02	0.12367E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.53501E-01	-0.86442E-03	0.52083E-01	0.00000E+00
46	-0.10561E+00	-0.25205E-02	0.10092E+00	0.00000E+00
47	-0.17796E+00	-0.10219E-01	0.18866E+00	0.00000E+00
48	-0.17798E+00	-0.10220E-01	0.18872E+00	0.00000E+00
49	-0.15327E+00	-0.83276E-02	0.15951E+00	0.00000E+00
50	-0.17610E+00	-0.10295E-01	0.18925E+00	0.00000E+00
51	-0.15074E+00	-0.63983E-02	0.14976E+00	0.00000E+00
52	-0.17382E+00	-0.10358E-01	0.17339E+00	0.00000E+00
53	-0.17789E+00	-0.10189E-01	0.18848E+00	0.00000E+00
54	-0.12170E+00	-0.33086E-02	0.11552E+00	0.00000E+00
55	-0.14669E+00	-0.57923E-02	0.13889E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.50134E-01	0.47733E-02	0.43450E-01	0.00000E+00
58	-0.99533E-01	-0.49397E-03	0.85565E-01	0.00000E+00
59	-0.16746E+00	-0.31322E-02	0.15828E+00	0.00000E+00
60	-0.17204E+00	-0.97959E-02	0.16868E+00	0.00000E+00
61	-0.17813E+00	-0.10346E-01	0.18958E+00	0.00000E+00
62	-0.11485E+00	-0.11525E-02	0.97910E-01	0.00000E+00
63	-0.13744E+00	-0.23622E-02	0.11647E+00	0.00000E+00
64	-0.17500E+00	-0.10496E-01	0.17470E+00	0.00000E+00
65	-0.17816E+00	-0.10395E-01	0.18990E+00	0.00000E+00
66	-0.17843E+00	-0.10492E-01	0.19054E+00	0.00000E+00
67	-0.17869E+00	-0.10588E-01	0.19119E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.47778E-01	0.95345E-03	0.35031E-01	0.00000E+00
70	-0.92909E-01	0.18693E-02	0.68435E-01	0.00000E+00
71	-0.15513E+00	-0.37311E-02	0.13365E+00	0.00000E+00
72	-0.17537E+00	-0.10604E-01	0.17200E+00	0.00000E+00
73	-0.12805E+00	0.13284E-02	0.93639E-01	0.00000E+00
74	-0.18118E+00	-0.11239E-01	0.17741E+00	0.00000E+00
75	-0.17892E+00	-0.10663E-01	0.19179E+00	0.00000E+00
76	-0.18035E+00	-0.10793E-01	0.19288E+00	0.00000E+00
77	-0.14662E+00	0.19979E-03	0.10659E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.45691E-01	0.19887E-02	0.27392E-01	0.00000E+00
80	-0.87044E-01	0.38025E-02	0.51665E-01	0.00000E+00
81	-0.98594E-01	0.46654E-02	0.58593E-01	0.00000E+00
82	-0.11733E+00	0.42357E-02	0.69499E-01	0.00000E+00
83	-0.17710E+00	-0.57134E-02	0.14962E+00	0.00000E+00
84	-0.15435E+00	0.14161E-02	0.98120E-01	0.00000E+00
85	-0.18337E+00	-0.10962E-01	0.19430E+00	0.00000E+00
86	-0.18768E+00	-0.11456E-01	0.13359E+00	0.00000E+00
87	-0.13439E+00	0.36066E-02	0.80134E-01	0.00000E+00
88	-0.16410E+00	-0.35986E-02	0.16745E+00	0.00000E+00
89	-0.15609E+00	-0.11105E-01	0.19566E+00	0.00000E+00
90	-0.97368E-01	0.30219E-02	0.31902E-01	0.00000E+00
91	-0.10637E+00	0.23639E-02	0.33572E-01	0.00000E+00
92	-0.11256E+00	0.16267E-02	0.35402E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.34690E-01	0.00000E+00	-0.99343E-03	0.00000E+00
95	-0.64435E-01	0.00000E+00	-0.10344E-02	0.00000E+00
96	-0.71683E-01	0.00000E+00	-0.92875E-03	0.00000E+00
97	-0.81038E-01	0.00000E+00	0.91484E-03	0.00000E+00
98	-0.84816E-01	0.00000E+00	0.19721E-02	0.00000E+00
99	-0.94309E-01	0.17040E-02	0.13048E-01	0.00000E+00
100	-0.12232E+00	0.15093E-02	0.46135E-01	0.00000E+00
101	-0.17153E+00	-0.12736E-02	0.10663E+00	0.00000E+00
102	-0.19326E+00	-0.11269E-01	0.19768E+00	0.00000E+00
103	-0.18322E+00	-0.70185E-02	0.15810E+00	0.00000E+00
104	-0.19864E+00	-0.11913E-01	0.19148E+00	0.00000E+00
105	-0.19923E+00	-0.11469E-01	0.19950E+00	0.00000E+00
106	-0.19610E+00	-0.81857E-02	0.16399E+00	0.00000E+00
107	-0.20703E+00	-0.12513E-01	0.19712E+00	0.00000E+00
108	-0.20436E+00	-0.11487E-01	0.20114E+00	0.00000E+00
109	-0.20849E+00	-0.11533E-01	0.20253E+00	0.00000E+00
110	-0.20599E+00	-0.10061E-01	0.17069E+00	0.00000E+00
111	-0.21341E+00	-0.13183E-01	0.20123E+00	0.00000E+00
112	-0.21193E+00	-0.11535E-01	0.20369E+00	0.00000E+00
113	-0.21079E+00	-0.10409E-01	0.17852E+00	0.00000E+00
114	-0.21440E+00	-0.11494E-01	0.20456E+00	0.00000E+00
115	-0.21612E+00	-0.11425E-01	0.20515E+00	0.00000E+00
116	-0.21692E+00	-0.11334E-01	0.20536E+00	0.00000E+00

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117	-0.21602E+00	-0.13091E-01	0.20277E+00	0.00000E+00
118	-0.21695E+00	-0.11284E-01	0.20539E+00	0.00000E+00
119	-0.21685E+00	-0.11186E-01	0.20523E+00	0.00000E+00
120	-0.21757E+00	-0.12309E-01	0.20364E+00	0.00000E+00
121	-0.21661E+00	-0.11042E-01	0.20492E+00	0.00000E+00
122	-0.21659E+00	-0.10909E-01	0.20511E+00	-0.33024E-04
123	-0.21649E+00	-0.10619E-01	0.20525E+00	-0.60540E-04
124	-0.21631E+00	-0.10143E-01	0.20539E+00	-0.94412E-04
125	-0.21599E+00	-0.94294E-02	0.20552E+00	-0.13872E-03
126	-0.21516E+00	-0.76747E-02	0.20575E+00	-0.20304E-03
127	-0.21411E+00	-0.54550E-02	0.20596E+00	-0.23334E-03
128	-0.21180E+00	-0.27049E-03	0.20639E+00	-0.22278E-03
129	-0.20998E+00	0.40701E-02	0.20678E+00	-0.16676E-03
130	-0.20872E+00	0.73461E-02	0.20721E+00	-0.86661E-04
131	-0.20832E+00	0.86571E-02	0.20786E+00	0.13948E-04
132	-0.20690E+00	0.69398E-02	0.20845E+00	0.51801E-04
133	-0.20953E+00	0.46972E-02	0.20898E+00	0.44213E-04
134	-0.20988E+00	0.32225E-02	0.20942E+00	0.25013E-04
135	-0.21005E+00	0.24317E-02	0.20978E+00	0.15762E-04
136	-0.21016E+00	0.17120E-02	0.21004E+00	0.18033E-04
137	-0.21023E+00	0.95686E-03	0.21020E+00	0.17962E-04
138	-0.21026E+00	0.14707E-03	0.21029E+00	0.19293E-04
139	-0.21028E+00	0.17913E-04	0.21028E+00	0.17969E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2800E+01

2A8

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.69475E-02	-0.11594E+00	0.73550E-02	-0.74866E+01	-0.53800E-01	0.75038E+01
2	0.12318E+00	-0.10947E+00	0.74575E-01	-0.67146E+01	-0.79292E-01	0.66913E+01
3	0.27072E+00	-0.36445E-01	0.10914E+00	-0.55094E+01	-0.37935E-01	0.55150E+01
4	-0.23267E+00	-0.14976E+00	-0.27297E+00	-0.45045E+01	0.11503E+00	0.45667E+01
5	0.15113E+00	-0.26123E-01	0.10153E+00	-0.45485E+01	0.76701E-02	0.46021E+01
6	-0.22415E+00	-0.96542E-01	-0.16889E-01	-0.46419E+01	0.75959E-01	0.47008E+01
7	-0.17998E+00	-0.27135E-01	-0.32219E-03	-0.33221E+01	0.66050E-01	0.33159E+01
8	-0.37576E+00	-0.41877E-01	-0.30725E-01	-0.33413E+01	0.15659E+00	0.34269E+01
9	-0.27640E+00	-0.67016E+00	-0.33009E+00	-0.73358E+01	-0.10532E-01	0.74674E+01
10	-0.19422E+00	-0.73256E+00	-0.23488E+00	-0.67428E+01	0.91470E-02	0.67964E+01
11	-0.84364E-01	-0.64342E+00	0.13352E+00	-0.58268E+01	0.13927E+00	0.58477E+01
12	-0.86982E+00	-0.48872E+00	-0.35165E+00	-0.48204E+01	0.35073E+00	0.47105E+01
13	-0.14948E+00	-0.27329E+00	0.89325E-01	-0.49425E+01	0.11202E+00	0.49772E+01
14	-0.83158E+00	-0.47493E+00	-0.20319E+00	-0.50941E+01	0.27844E+00	0.52103E+01
15	-0.80611E+00	-0.13665E+00	-0.13181E+00	-0.36343E+01	0.37245E+00	0.35978E+01
16	-0.99277E+00	-0.12125E+00	-0.91456E-01	-0.37771E+01	0.43455E+00	0.38703E+01
17	-0.30306E+00	-0.92343E+00	-0.41621E+00	-0.71596E+01	-0.79868E-01	0.73883E+01
18	-0.30017E-01	-0.10669E+01	-0.24156E+00	-0.67022E+01	-0.16665E+00	0.68776E+01
19	0.46117E+00	-0.11334E+01	0.27818E+00	-0.61134E+01	-0.24520E+00	0.62866E+01
20	-0.12393E+01	-0.72031E+00	-0.40839E+00	-0.53398E+01	0.44435E+00	0.52242E+01
21	-0.12877E+00	-0.98413E+00	-0.81760E-01	-0.55556E+01	-0.10000E+00	0.58747E+01
22	-0.12691E+01	-0.19708E+01	-0.85894E+00	-0.58107E+01	0.22846E+00	0.63267E+01
23	-0.14448E+01	-0.27379E+00	-0.23090E+00	-0.43297E+01	0.62603E+00	0.43604E+01
24	-0.23136E+01	-0.98808E+00	-0.96450E+00	-0.43105E+01	0.10397E+01	0.46474E+01
25	-0.14315E+01	-0.10211E+01	-0.42285E+00	-0.49414E+01	0.53464E+00	0.53035E+01
26	-0.45822E+01	-0.32751E+01	-0.24890E+01	-0.53999E+01	0.12476E+01	0.53864E+01
27	-0.23926E+00	-0.89667E+00	-0.38633E+00	-0.69289E+01	-0.15057E+00	0.72317E+01
28	0.14533E+00	-0.10971E+01	-0.20194E+00	-0.65003E+01	-0.39202E+00	0.68398E+01
29	0.11396E+01	-0.12195E+01	0.40092E+00	-0.57846E+01	-0.10295E+01	0.64695E+01
30	-0.34772E+00	-0.13413E+01	-0.20673E+00	-0.57443E+01	-0.32470E-01	0.63260E+01
31	0.72541E-01	-0.16506E+01	-0.26523E+00	-0.54200E+01	-0.67692E+00	0.65654E+01
32	-0.59530E+00	-0.17336E+01	-0.53078E+00	-0.52524E+01	-0.41289E+00	0.66756E+01
33	-0.33920E+01	-0.26038E+01	-0.17569E+01	-0.55850E+01	0.76920E+00	0.61896E+01
34	-0.76926E+01	-0.54339E+01	-0.45569E+01	-0.57892E+01	0.17139E+01	0.67084E+01
35	-0.19326E+01	-0.16219E+01	-0.73716E+00	-0.57264E+01	0.55768E+00	0.67045E+01
36	0.42200E+00	-0.39174E+00	0.62062E+00	-0.53443E+01	-0.47994E+00	0.69042E+01
37	-0.27843E+01	-0.23137E+01	-0.15428E+01	-0.59247E+01	0.59911E+00	0.71341E+01
38	0.11265E-01	-0.52219E+00	-0.19769E+00	-0.66944E+01	-0.22561E+00	0.67679E+01
39	0.48919E+00	-0.62790E+00	-0.71752E-01	-0.63658E+01	-0.65533E+00	0.63919E+01
40	0.12990E+01	-0.11374E+01	0.23016E+00	-0.56039E+01	-0.18903E+01	0.63680E+01
41	0.17787E+01	-0.24729E+00	0.35926E+00	-0.58994E+01	-0.17131E+01	0.62056E+01
42	0.22503E+01	-0.50996E+00	0.14330E+00	-0.56896E+01	-0.21380E+01	0.54850E+01
43	0.61960E+00	-0.87593E+00	0.16202E+00	-0.53556E+01	-0.10905E+01	0.66963E+01
44	0.13059E+01	-0.41190E+00	0.44808E+00	-0.52389E+01	-0.18059E+01	0.58085E+01
45	0.21290E+01	-0.56162E-02	0.64071E+00	-0.54893E+01	-0.17250E+01	0.57764E+01
46	0.10666E+01	-0.86586E+00	-0.22266E+00	-0.52905E+01	-0.12412E+01	0.51638E+01
47	-0.65449E+00	-0.16342E+01	-0.35226E+00	-0.56136E+01	-0.32820E+00	0.71993E+01
48	-0.33710E+00	-0.14137E+01	-0.92177E-02	-0.59393E+01	-0.46243E+00	0.72741E+01
49	0.52544E+00	-0.12455E+01	0.18735E+00	-0.58041E+01	-0.14347E+01	0.76983E+01
50	0.51363E+01	0.66353E+00	0.25261E+01	-0.49663E+01	-0.38878E+01	0.53368E+01
51	0.10192E+01	0.53157E+00	0.14362E+01	-0.24073E+00	-0.50701E+00	0.14321E+01
52	0.28376E+01	0.12329E+01	0.22018E+01	0.17489E+01	-0.21392E+01	-0.64217E+01
53	0.19319E+01	-0.10867E+01	0.16043E-01	-0.44860E+01	-0.19389E+01	0.46719E+01
54	0.50960E+00	0.21892E+00	0.20327E+00	-0.62870E+01	-0.28503E+00	0.58396E+01

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55	0.26073E+00	-0.73495E-01	0.65004E-01	-0.60839E+01	-0.77591E+00	0.55720E+01
56	0.23527E+01	-0.18323E+00	-0.18815E+00	-0.54295E+01	-0.20946E+01	0.50035E+01
57	0.18555E+01	-0.23200E+00	-0.13799E-01	-0.48916E+01	-0.14976E+01	0.46026E+01
58	0.20468E+01	-0.37308E+00	-0.12905E+00	-0.41546E+01	-0.17531E+01	0.40532E+01
59	0.11543E+00	0.23212E+00	0.56444E-01	-0.61334E+01	-0.29491E-01	0.53085E+01
60	0.12022E+01	0.10825E+01	0.68844E+00	-0.58046E+01	-0.53691E+00	0.42756E+01
61	0.92285E+00	0.84992E+00	0.38619E+00	-0.57636E+01	-0.44483E+00	0.42706E+01
62	0.71344E+00	0.11996E+01	0.58403E+00	-0.55845E+01	0.64701E-01	0.33409E+01
63	0.11848E+01	0.49144E+00	0.15310E+00	-0.56625E+01	-0.75204E+00	0.46067E+01
64	0.14287E+01	0.11792E+01	0.35156E+00	-0.51763E+01	-0.64798E+00	0.35013E+01
65	0.24204E+01	0.14106E+00	-0.49314E+00	-0.52395E+01	-0.20272E+01	0.45262E+01
66	0.30735E+01	0.65076E+00	-0.54551E+00	-0.46927E+01	-0.22437E+01	0.35572E+01
67	0.24233E+01	0.13354E+01	-0.71588E+00	-0.40617E+01	-0.17513E+01	0.24670E+01
68	0.23504E+01	0.19447E+00	-0.29860E-01	-0.45755E+01	-0.16047E+01	0.40334E+01
69	0.20821E+01	0.51392E+00	-0.14808E+00	-0.43314E+01	-0.12800E+01	0.33117E+01
70	0.31395E+01	0.11001E+01	0.26233E+00	-0.37432E+01	-0.15801E+01	0.23204E+01
71	0.25629E+01	0.20393E+00	-0.15916E+00	-0.39315E+01	-0.17100E+01	0.32819E+01
72	0.29310E+01	0.56350E+00	-0.18936E+00	-0.35891E+01	-0.16258E+01	0.25253E+01
73	0.66305E+00	0.70443E+00	0.24731E+00	-0.49304E+01	-0.15317E+00	0.16093E+01
74	0.10640E+01	0.66950E+00	-0.16615E+00	-0.43979E+01	-0.43630E+00	0.14693E+01
75	0.21626E+01	0.65224E+00	-0.13594E+01	-0.36567E+01	-0.12097E+01	0.12558E+01
76	0.25757E+01	0.65920E+00	-0.27612E+00	-0.40478E+01	-0.10685E+01	0.23196E+01
77	0.19056E+01	0.10251E+01	-0.33819E+00	-0.27183E+01	-0.73233E+00	0.64117E+00
78	0.13027E+01	0.44738E+00	-0.74422E+00	-0.21578E+01	-0.74698E+00	0.39119E+00
79	0.31565E+01	0.79937E+00	-0.18584E+00	-0.28765E+01	-0.11920E+01	0.12982E+01
80	0.35421E+01	0.10253E+01	0.11559E-01	-0.20124E+01	-0.78904E+00	0.34035E+00
81	0.18223E+01	0.44877E+00	-0.84655E+00	-0.11241E+01	-0.71600E+00	0.12701E+00
82	0.21016E+01	0.55507E+00	-0.71394E+00	-0.95742E+00	-0.67492E+00	0.22454E+00
83	0.31421E+01	0.49591E+00	-0.45911E+00	-0.17791E+01	-0.75372E+00	0.49121E+00
84	0.38559E+01	0.92076E+00	-0.58023E-01	-0.19466E+01	-0.13158E+01	0.49119E+00
85	0.43222E+01	0.55467E+00	-0.26413E-01	-0.27919E+01	-0.16404E+01	0.16333E+01
86	0.43216E+01	0.65832E+00	-0.12998E+00	-0.22549E+01	-0.15889E+01	0.11455E+01
87	0.30147E+01	0.50510E+00	-0.38880E+00	-0.26106E+01	-0.16515E+01	0.16763E+01
88	0.30473E+01	0.19484E+00	-0.23003E+00	-0.30266E+01	-0.19966E+01	0.25841E+01
89	0.32966E+01	0.26011E+00	-0.17212E+00	-0.26383E+01	-0.21257E+01	0.23529E+01
90	0.36430E+01	0.29416E+00	-0.35797E+00	-0.18880E+01	-0.22262E+01	0.11831E+01
91	0.39176E+01	0.71350E+00	0.79060E-01	-0.17719E+01	-0.23689E+01	0.16778E+01
92	0.38616E+01	0.72100E+00	-0.18496E-01	-0.13478E+01	-0.23381E+01	0.11490E+01
93	0.23106E+01	-0.15274E+01	-0.10085E-01	-0.32058E+01	-0.22356E+01	0.38058E+01
94	0.25849E+01	-0.14352E+00	0.40131E+00	-0.32273E+01	-0.20174E+01	0.36324E+01
95	0.17265E+01	0.62535E+00	0.45599E+00	-0.23116E+01	-0.19091E+01	0.27338E+01
96	0.22057E+01	-0.15005E+00	-0.10805E+00	-0.32781E+01	-0.18683E+01	0.31259E+01
97	0.14889E+01	0.31737E+00	0.17035E+00	-0.26388E+01	-0.18851E+01	0.23644E+01
98	0.18582E+01	0.20737E+00	-0.13293E+00	-0.22611E+01	-0.17489E+01	0.22940E+01
99	0.19889E+01	-0.42321E+00	-0.57268E+00	-0.26233E+01	-0.17439E+01	0.24213E+01
100	0.15482E+01	-0.26858E+00	-0.54444E+00	-0.19142E+01	-0.17061E+01	0.17492E+01
101	0.19357E+01	0.20212E+00	-0.15885E+00	-0.14561E+01	-0.17131E+01	0.13405E+01
102	0.14005E+01	-0.32452E+00	-0.98560E+00	-0.14997E+01	-0.16080E+01	0.13095E+01
103	0.95834E+00	0.19806E+00	-0.63912E+00	-0.49948E+00	-0.14831E+01	0.66713E+00
104	0.10716E+01	0.39168E+00	-0.54959E+00	-0.15065E+00	-0.14712E+01	0.45038E+00
105	0.26081E+01	-0.43466E+00	0.74820E+00	-0.28582E+01	-0.27215E+01	0.35219E+01
106	0.42414E+01	0.23377E+01	0.31591E+01	-0.15937E+00	-0.29384E+01	0.16745E+01
107	0.31787E+01	-0.14270E+01	0.22332E+01	-0.14841E+01	-0.28150E+01	0.24976E+01
108	0.25863E+01	0.12463E+01	0.18820E+01	-0.15387E+01	-0.26930E+01	0.25179E+01
109	0.23670E+01	0.11255E+01	0.18968E+01	-0.59132E+00	-0.26891E+01	0.16820E+01
110	0.16648E+00	-0.67402E+00	0.10998E+00	-0.22458E+01	-0.24586E+01	0.26289E+01
111	-0.51734E+00	-0.57486E+00	0.72564E-01	-0.16084E+01	-0.22760E+01	0.14485E+01
112	-0.56359E+00	-0.61157E+00	-0.63528E-02	-0.25162E+01	-0.22597E+01	0.14355E+01
113	-0.11191E+01	-0.10078E+01	-0.78251E+00	-0.26936E+01	-0.18930E+01	0.27769E+01
114	-0.12060E+01	-0.10066E+01	-0.49801E+00	-0.22579E+01	-0.17754E+01	0.14035E+01

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115	-0.13167E+01	-0.10831E+01	-0.71830E+00	-0.39298E+01	-0.17206E+01	0.13628E+01
116	-0.63523E+00	-0.90726E+00	-0.76860E+00	-0.30249E+01	-0.13186E+01	0.24105E+01
117	0.93628E-01	-0.21702E+00	-0.10766E+00	-0.33060E+01	-0.10643E+01	0.12768E+01
118	-0.30898E-01	-0.27533E+00	-0.36061E+00	-0.28437E+01	-0.10000E+01	0.11819E+01
119	-0.53834E-01	-0.79506E+00	-0.79144E+00	-0.23708E+01	-0.76534E+00	0.13099E+01
120	0.44419E+00	-0.84349E-03	-0.27219E+00	-0.23732E+01	-0.57321E+00	0.10554E+01
121	0.35292E+00	-0.38426E-01	-0.43773E+00	-0.19943E+01	-0.53105E+00	0.92776E+00
122	-0.29962E+00	-0.11254E+01	-0.12423E+01	-0.19046E+01	-0.37227E+00	0.14039E+01
123	-0.12009E+00	-0.33968E+00	-0.89583E+00	-0.15652E+01	-0.19654E+00	0.77262E+00
124	-0.15912E+00	-0.35157E+00	-0.95090E+00	-0.11633E+01	-0.17352E+00	0.62255E+00
125	0.90224E-01	-0.24031E+00	-0.85694E+00	-0.93882E+00	-0.13822E+00	0.71538E+00
126	-0.27663E+00	-0.41993E+00	-0.11205E+01	-0.66839E+00	-0.52601E-01	0.42583E+00
127	-0.27761E+00	-0.41162E+00	-0.11313E+01	-0.27001E+00	-0.47711E-01	0.31406E+00
128	-0.31346E+00	-0.73790E+00	-0.14827E+01	-0.43412E+00	0.17944E-01	0.38033E+00
129	-0.17143E+01	-0.12933E+01	-0.20818E+01	-0.10850E+00	0.14043E+00	0.12743E+00
130	0.31419E+01	-0.31500E+00	0.32603E+00	-0.46684E+01	-0.28792E+01	0.53235E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.59796E+00	0.39864E+01	-0.33884E+01	-0.78857E+02	0.21007E+02	0.35413E+02
131	0.69516E-01	0.46344E+00	-0.39392E+00	-0.18301E+03	0.32061E+02	0.10511E+03
132	0.22904E+00	0.15270E+01	-0.12979E+01	-0.30749E+03	0.51592E+02	0.18005E+03
133	0.10441E+00	0.69609E+00	-0.59168E+00	-0.44724E+03	0.71862E+02	0.26371E+03
134	0.21210E+00	0.14140E+01	-0.12019E+01	-0.60540E+03	0.93865E+02	0.36382E+03
135	0.42412E+00	0.28274E+01	-0.24033E+01	-0.72486E+03	0.11278E+03	0.45385E+03
136	0.16833E+00	0.11222E+01	-0.95386E+00	-0.82246E+03	0.12022E+03	0.51664E+03
137	0.11759E+00	0.78391E+00	-0.66633E+00	-0.80986E+03	0.13972E+03	0.54447E+03
138	0.79567E+00	0.53111E+01	-0.37445E+01	-0.83390E+03	0.28665E+03	0.58821E+03
139	-0.43168E+00	-0.28778E+01	0.51662E+01	-0.80894E+03	0.58317E+03	0.62060E+03
140	-0.28582E+01	-0.19055E+02	0.15197E+02	-0.10315E+04	0.70624E+03	0.70437E+03
141	-0.27427E+01	-0.18284E+02	0.15542E+02	-0.10327E+04	0.71859E+03	0.75024E+03
142	-0.31638E+01	-0.21092E+02	0.17925E+02	-0.10833E+04	0.72005E+03	0.79771E+03
143	-0.32503E+01	-0.21669E+02	0.18419E+02	0.39499E+03	0.93946E+03	-0.67007E+03
144	-0.36517E+01	-0.24345E+02	0.20693E+02	0.33714E+03	0.91884E+03	-0.63113E+03
145	0.17049E+01	0.11366E+02	-0.69570E+01	-0.29993E+03	0.67078E+03	-0.15121E+04
146	0.70427E+00	0.46951E+01	-0.63381E+01	-0.32330E+03	0.49494E+03	-0.13123E+04
147	0.72225E+00	0.48150E+01	-0.62386E+01	-0.30434E+03	0.51166E+03	-0.12926E+04
148	0.74287E+00	0.49525E+01	0.21620E+01	-0.29608E+03	0.52881E+03	-0.12963E+04
149	0.76666E+00	0.51110E+01	0.20544E+01	-0.28817E+03	0.54835E+03	-0.13210E+04
150	0.87835E+00	0.58555E+01	0.10595E+01	-0.21118E+03	0.60014E+03	-0.12842E+04
151	0.10517E+01	0.70114E+01	0.30275E+02	-0.19165E+03	0.67818E+03	-0.13155E+04
152	0.97127E+00	0.64753E+01	0.54165E+02	-0.18985E+03	0.62440E+03	-0.13052E+04
153	0.84973E+00	0.56649E+01	0.48059E+02	-0.15805E+03	0.54746E+03	-0.12762E+04
154	0.58003E+00	0.38662E+01	0.92188E+02	-0.12851E+03	0.37060E+03	-0.12409E+04
155	0.19374E+00	0.12916E+01	0.76127E+02	-0.13992E+03	0.10924E+03	-0.11615E+04
156	-0.12244E+00	-0.81625E+00	0.64874E+02	-0.10249E+03	-0.97674E+02	-0.10771E+04
157	-0.37995E+00	-0.25330E+01	0.52033E+02	-0.91847E+02	-0.26917E+03	-0.95927E+03
158	-0.53754E+00	-0.33182E+01	0.43232E+02	-0.67015E+02	-0.40498E+03	-0.84468E+03
159	-0.74809E+00	-0.49873E+01	0.30885E+02	-0.26291E+02	-0.50679E+03	-0.69985E+03
160	-0.86146E+00	-0.57431E+01	0.21672E+02	-0.98950E+01	-0.58053E+03	-0.56431E+03
161	-0.10282E+01	-0.68548E+01	0.11231E+02	0.92164E+01	-0.64587E+03	-0.40019E+03
162	-0.10741E+01	-0.71608E+01	0.30737E+00	0.16066E+02	-0.63216E+03	-0.28252E+03
163	-0.12447E+01	-0.82972E+01	-0.29232E+00	0.39617E+02	-0.72938E+03	-0.20002E+03
164	-0.12520E+01	-0.83466E+01	-0.25519E+01	0.75804E+02	-0.72828E+03	-0.13513E+03

165	-0.71250E+03	-0.11088E+03	0.20484E+01	-0.36587E+02	-0.74683E+03	-0.10350E+03
166	-0.58313E+03	-0.83604E+02	-0.58421E+01	-0.27057E+02	-0.69534E+03	-0.94065E+02
167	-0.46653E+03	-0.61955E+02	-0.90075E+01	-0.21496E+02	-0.59531E+03	-0.85279E+02
168	-0.36015E+03	-0.45139E+02	-0.96457E+01	-0.15909E+02	-0.49237E+03	-0.79706E+02
169	-0.23423E+03	-0.23584E+02	-0.11966E+02	-0.10755E+02	-0.42397E+03	-0.72365E+02
170	-0.10869E+03	-0.33861E+00	-0.16161E+02	-0.49069E+01	-0.33165E+03	-0.63952E+02
171	0.20729E+02	0.22134E+02	-0.18703E+02	0.29600E+01	-0.30328E+03	-0.52146E+02
172	0.98267E+02	0.32642E+02	-0.17226E+02	0.11018E+02	-0.19876E+03	-0.39409E+02
173	0.10196E+03	0.26803E+02	-0.10855E+02	0.15577E+02	-0.10520E+03	-0.30579E+02
174	0.63427E+02	0.13397E+02	-0.35516E+01	0.16631E+02	-0.36969E+02	-0.24651E+02
175	0.15618E+02	0.14263E+01	0.85377E+00	0.13252E+02	-0.16772E+02	-0.22315E+02
176	-0.23562E+01	-0.17650E+01	0.12663E+01	0.97636E+01	-0.23603E+02	-0.21061E+02
177	-0.44915E+01	-0.13594E+01	0.59860E+00	0.68671E+01	-0.28092E+02	-0.17441E+02
178	-0.15510E+01	-0.23067E+00	-0.97907E-02	0.47545E+01	-0.21613E+02	-0.12637E+02
179	0.39690E+00	0.14913E+00	-0.53727E-01	0.37657E+01	-0.15398E+02	-0.89315E+01
180	-0.65752E-03	0.57324E-01	-0.52762E-01	0.26990E+01	-0.90369E+01	-0.54035E+01
181	0.14706E+00	0.14571E+00	-0.10830E+00	0.18738E+01	-0.41291E+01	-0.19223E+01
182	-0.58479E+00	-0.27159E+00	0.15989E+00	0.55369E+00	0.89737E+00	0.16841E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.2900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.45997E-01	-0.69055E-04	-0.46482E-01	0.00000E+00
3	0.66935E-01	0.38358E-04	-0.66843E-01	0.00000E+00
4	0.97520E-01	0.51499E-04	-0.97140E-01	0.00000E+00
5	0.11224E+00	-0.54079E-04	-0.11224E+00	0.00000E+00
6	0.12253E+00	0.13981E-04	-0.12253E+00	0.00000E+00
7	0.11242E+00	0.12230E-02	-0.11260E+00	0.00000E+00
8	0.12287E+00	0.11033E-02	-0.12302E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.45706E-01	0.71560E-03	-0.45775E-01	0.00000E+00
11	0.86275E-01	0.15978E-02	-0.86563E-01	0.00000E+00
12	0.97022E-01	0.17676E-02	-0.97492E-01	0.00000E+00
13	0.11267E+00	0.20411E-02	-0.11315E+00	0.00000E+00
14	0.12364E+00	0.17448E-02	-0.12434E+00	0.00000E+00
15	0.11345E+00	0.36806E-02	-0.11502E+00	0.00000E+00
16	0.12493E+00	0.33075E-02	-0.12657E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.44639E-01	0.14998E-02	-0.45955E-01	0.00000E+00
19	0.85530E-01	0.36125E-02	-0.87699E-01	0.00000E+00
20	0.97095E-01	0.45315E-02	-0.99373E-01	0.00000E+00
21	0.11425E+00	0.47410E-02	-0.11681E+00	0.00000E+00
22	0.12631E+00	0.44989E-02	-0.12982E+00	0.00000E+00
23	0.11539E+00	0.69664E-02	-0.11940E+00	0.00000E+00
24	0.12936E+00	0.64544E-02	-0.13425E+00	0.00000E+00
25	0.13090E+00	0.81867E-02	-0.13699E+00	0.00000E+00
26	0.13181E+00	0.87704E-02	-0.13862E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.42590E-01	0.18341E-02	-0.44651E-01	0.00000E+00
29	0.83197E-01	0.48922E-02	-0.86869E-01	0.00000E+00
30	0.95778E-01	0.66122E-02	-0.99739E-01	0.00000E+00
31	0.11538E+00	0.84058E-02	-0.12121E+00	0.00000E+00
32	0.13272E+00	0.93175E-02	-0.14035E+00	0.00000E+00
33	0.11515E+00	0.97478E-02	-0.12142E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.41825E-01	0.16030E-02	-0.44007E-01	0.00000E+00
36	0.82039E-01	0.44354E-02	-0.85536E-01	0.00000E+00
37	0.94766E-01	0.60371E-02	-0.98235E-01	0.00000E+00
38	0.11491E+00	0.81594E-02	-0.12108E+00	0.00000E+00
39	0.13393E+00	0.97314E-02	-0.14306E+00	0.00000E+00
40	0.13369E+00	0.97060E-02	-0.14248E+00	0.00000E+00
41	0.13344E+00	0.96800E-02	-0.14193E+00	0.00000E+00
42	0.13315E+00	0.96279E-02	-0.14125E+00	0.00000E+00
43	0.92736E-01	0.44162E-02	-0.93104E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.39076E-01	0.50623E-03	-0.39948E-01	0.00000E+00
46	0.77733E-01	0.24455E-02	-0.75664E-01	0.00000E+00
47	0.13399E+00	0.97314E-02	-0.14322E+00	0.00000E+00
48	0.13401E+00	0.97324E-02	-0.14326E+00	0.00000E+00
49	0.11478E+00	0.79265E-02	-0.12075E+00	0.00000E+00
50	0.13409E+00	0.98009E-02	-0.14366E+00	0.00000E+00
51	0.11249E+00	0.62199E-02	-0.11309E+00	0.00000E+00
52	0.13051E+00	0.96927E-02	-0.13126E+00	0.00000E+00
53	0.13393E+00	0.96992E-02	-0.14310E+00	0.00000E+00
54	0.39909E-01	0.36750E-02	-0.36707E-01	0.00000E+00
55	0.10893E+00	0.55634E-02	-0.10454E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.36216E-01	-0.38456E-03	-0.32230E-01	0.00000E+00
58	0.72523E-01	0.30349E-03	-0.63689E-01	0.00000E+00
59	0.12504E+00	0.78084E-02	-0.11940E+00	0.00000E+00
60	0.12398E+00	0.91978E-02	-0.12757E+00	0.00000E+00
61	0.13412E+00	0.98468E-02	-0.14390E+00	0.00000E+00
62	0.83957E-01	0.13274E-02	-0.72932E-01	0.00000E+00
63	0.10104E+00	0.25955E-02	-0.86988E-01	0.00000E+00
64	0.13136E+00	0.98281E-02	-0.13226E+00	0.00000E+00
65	0.13415E+00	0.98907E-02	-0.14414E+00	0.00000E+00
66	0.13435E+00	0.99775E-02	-0.14463E+00	0.00000E+00
67	0.13455E+00	0.10064E-01	-0.14512E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.34252E-01	-0.77283E-03	-0.25863E-01	0.00000E+00
70	0.66974E-01	-0.13750E-02	-0.50645E-01	0.00000E+00
71	0.11695E+00	0.40516E-02	-0.10005E+00	0.00000E+00
72	0.13154E+00	0.99067E-02	-0.13011E+00	0.00000E+00
73	0.93126E-01	-0.61750E-03	-0.69300E-01	0.00000E+00
74	0.13605E+00	0.10533E-01	-0.13425E+00	0.00000E+00
75	0.13473E+00	0.10133E-01	-0.14557E+00	0.00000E+00
76	0.13583E+00	0.10257E-01	-0.14638E+00	0.00000E+00
77	0.10727E+00	0.51172E-03	-0.79261E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.32543E-01	-0.16592E-02	-0.20143E-01	0.00000E+00
80	0.62209E-01	-0.30370E-02	-0.37963E-01	0.00000E+00
81	0.70817E-01	-0.36541E-02	-0.43045E-01	0.00000E+00
82	0.84539E-01	-0.31605E-02	-0.51107E-01	0.00000E+00
83	0.13171E+00	0.60327E-02	-0.11225E+00	0.00000E+00
84	0.11336E+00	-0.46326E-03	-0.72622E-01	0.00000E+00
85	0.13817E+00	0.10417E-01	-0.14745E+00	0.00000E+00
86	0.14111E+00	0.10882E-01	-0.13898E+00	0.00000E+00
87	0.97401E-01	-0.24883E-02	-0.59003E-01	0.00000E+00
88	0.13775E+00	0.27064E-02	-0.12626E+00	0.00000E+00
89	0.14027E+00	0.10556E-01	-0.14848E+00	0.00000E+00
90	0.68888E-01	-0.22788E-02	-0.22019E-01	0.00000E+00
91	0.75482E-01	-0.16762E-02	-0.23188E-01	0.00000E+00
92	0.80140E-01	-0.10182E-02	-0.24573E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.24223E-01	0.00000E+00	0.20683E-02	0.00000E+00
95	0.44868E-01	0.00000E+00	0.30822E-02	0.00000E+00
96	0.49876E-01	0.00000E+00	0.31953E-02	0.00000E+00
97	0.56535E-01	0.00000E+00	0.19273E-02	0.00000E+00
98	0.59283E-01	0.00000E+00	0.11313E-02	0.00000E+00
99	0.66305E-01	-0.12181E-02	-0.11220E-01	0.00000E+00
100	0.87605E-01	-0.83802E-03	-0.32774E-01	0.00000E+00
101	0.12672E+00	0.19843E-02	-0.79047E-01	0.00000E+00
102	0.14584E+00	0.10724E-01	-0.14996E+00	0.00000E+00
103	0.14046E+00	0.73164E-02	-0.11870E+00	0.00000E+00
104	0.14969E+00	0.11488E-01	-0.14902E+00	0.00000E+00
105	0.15048E+00	0.10869E-01	-0.15131E+00	0.00000E+00
106	0.14685E+00	0.84598E-02	-0.12318E+00	0.00000E+00
107	0.15628E+00	0.12167E-01	-0.14930E+00	0.00000E+00
108	0.15448E+00	0.10964E-01	-0.15252E+00	0.00000E+00
109	0.15770E+00	0.11029E-01	-0.15353E+00	0.00000E+00
110	0.15588E+00	0.10240E-01	-0.12823E+00	0.00000E+00
111	0.16136E+00	0.12872E-01	-0.15239E+00	0.00000E+00
112	0.16039E+00	0.11061E-01	-0.15436E+00	0.00000E+00
113	0.15900E+00	0.10596E-01	-0.13429E+00	0.00000E+00
114	0.16231E+00	0.11046E-01	-0.15495E+00	0.00000E+00
115	0.16364E+00	0.11010E-01	-0.15532E+00	0.00000E+00
116	0.16424E+00	0.10950E-01	-0.15540E+00	0.00000E+00

253

000256

5622

117	0.16342E+00	0.12578E-01	-0.15342E+00	0.00000E+00
118	0.16423E+00	0.10715E-01	-0.15536E+00	0.00000E+00
119	0.16417E+00	0.10842E-01	-0.15515E+00	0.00000E+00
120	0.16464E+00	0.12743E-01	-0.15389E+00	0.00000E+00
121	0.16395E+00	0.10732E-01	-0.15481E+00	0.00000E+00
122	0.16394E+00	0.10628E-01	-0.15495E+00	0.25924E-04
123	0.16336E+00	0.10400E-01	-0.15505E+00	0.47577E-04
124	0.16372E+00	0.10026E-01	-0.15515E+00	0.74298E-04
125	0.16346E+00	0.94637E-02	-0.15524E+00	0.10935E-03
126	0.16281E+00	0.80784E-02	-0.15540E+00	0.16052E-03
127	0.16196E+00	0.63212E-02	-0.15554E+00	0.18498E-03
128	0.16014E+00	0.21972E-02	-0.15584E+00	0.17796E-03
129	0.15867E+00	-0.12885E-02	-0.15611E+00	0.13489E-03
130	0.15764E+00	-0.39738E-02	-0.15640E+00	0.72706E-04
131	0.15725E+00	-0.52182E-02	-0.15685E+00	-0.61999E-05
132	0.15764E+00	-0.40779E-02	-0.15725E+00	-0.36225E-04
133	0.15809E+00	-0.25122E-02	-0.15763E+00	-0.30410E-04
134	0.15832E+00	-0.15580E-02	-0.15794E+00	-0.14885E-04
135	0.15841E+00	-0.11688E-02	-0.15819E+00	-0.71040E-05
136	0.15847E+00	-0.84062E-03	-0.15837E+00	-0.90175E-05
137	0.15851E+00	-0.47460E-03	-0.15848E+00	-0.90052E-05
138	0.15854E+00	-0.74848E-04	-0.15854E+00	-0.10095E-04
139	0.15854E+00	-0.29722E-05	-0.15654E+00	-0.90179E-05

154

000257

6622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.2900E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.67052E-02	0.10799E+00	-0.13307E-01	0.56341E+01	0.48141E-01	-0.56626E+01
2	-0.90466E-01	0.10315E+00	-0.75013E-01	0.50705E+01	0.66323E-01	-0.50463E+01
3	-0.23711E+00	0.80218E-01	-0.10382E+00	0.41762E+01	0.16423E-01	-0.41706E+01
4	0.23031E+00	0.13330E+00	0.26431E+00	0.34279E+01	-0.10789E+00	-0.34916E+01
5	-0.15096E+00	0.31539E-01	-0.93934E-01	0.34548E+01	-0.15232E-01	-0.35069E+01
6	0.16985E+00	0.11170E+00	-0.22157E-02	0.35376E+01	-0.57885E-01	-0.35814E+01
7	0.12103E+00	0.18815E-01	-0.20519E-01	0.25347E+01	-0.50196E-01	-0.25259E+01
8	0.27127E+00	0.38958E-01	-0.44124E-02	0.25501E+01	-0.12242E+00	-0.26119E+01
9	0.22656E+00	0.57881E+00	0.27278E+00	0.55511E+01	0.10740E-01	-0.56339E+01
10	0.13524E+00	0.63590E+00	0.17332E+00	0.50881E+01	-0.20198E-02	-0.51331E+01
11	-0.87022E-02	0.55878E+00	-0.17620E+00	0.44310E+01	-0.99285E-01	-0.44421E+01
12	0.65133E+00	0.40064E+00	0.23867E+00	0.36858E+01	-0.27260E+00	-0.35908E+01
13	0.67044E-01	0.24054E+00	-0.11950E+00	0.37829E+01	-0.83254E-01	-0.37980E+01
14	0.62683E+00	0.42905E+00	0.12789E+00	0.39081E+01	-0.21793E+00	-0.39902E+01
15	0.59628E+00	0.11629E+00	0.62718E-01	0.27368E+01	-0.29092E+00	-0.27469E+01
16	0.72452E+00	0.10229E+00	0.13867E-01	0.28977E+01	-0.34124E+00	-0.29615E+01
17	0.24275E+00	0.80462E+00	0.34265E+00	0.53433E+01	0.68849E-01	-0.55747E+01
18	-0.23242E-01	0.94268E+00	0.16795E+00	0.50443E+01	0.14420E+00	-0.52090E+01
19	-0.52438E+00	0.10003E+01	-0.33391E+00	0.46708E+01	0.21822E+00	-0.47991E+01
20	0.92770E+00	0.60597E+00	0.26939E+00	0.41184E+01	-0.34522E+00	-0.40032E+01
21	0.24758E-01	0.86982E+00	0.13050E-01	0.42901E+01	0.90588E-01	-0.45179E+01
22	0.96092E+00	0.17413E+01	0.67201E+00	0.45004E+01	-0.17091E+00	-0.48838E+01
23	0.10835E+01	0.24726E+00	0.12629E+00	0.33514E+01	-0.48923E+00	-0.33488E+01
24	0.21625E+01	0.82639E+00	0.70686E+00	0.37575E+01	-0.81476E+00	-0.35794E+01
25	0.11163E+01	0.94203E+00	0.30784E+00	0.38515E+01	-0.41497E+00	-0.40968E+01
26	0.36968E+01	0.23720E+01	0.20527E+01	0.42595E+01	-0.97593E+00	-0.45590E+01
27	0.18513E+00	0.78794E+00	0.31439E+00	0.51311E+01	0.12769E+00	-0.54509E+01
28	-0.18186E+00	0.98590E+00	0.12682E+00	0.48598E+01	0.33002E+00	-0.51825E+01
29	-0.11240E+01	0.11082E+01	-0.45997E+00	0.43839E+01	0.85375E+00	-0.49520E+01
30	0.17657E+00	0.12032E+01	0.11132E+00	0.44329E+01	0.41516E-01	-0.48840E+01
31	-0.12401E+00	0.15036E+01	0.19839E+00	0.41495E+01	0.55484E+00	-0.50702E+01
32	0.40447E+00	0.16030E+01	0.39665E+00	0.40172E+01	0.34427E+00	-0.51609E+01
33	0.26572E+01	0.22746E+01	0.14018E+01	0.43443E+01	-0.59050E+00	-0.47958E+01
34	0.61385E+01	0.45500E+01	0.36656E+01	0.44977E+01	-0.13338E+01	-0.52045E+01
35	0.17239E+01	0.16027E+01	0.71189E+00	0.44346E+01	-0.43645E+00	-0.52008E+01
36	-0.43028E+00	0.45658E+00	-0.53882E+00	0.41430E+01	0.39463E+00	-0.53570E+01
37	0.33491E+01	0.25352E+01	0.13393E+01	0.46079E+01	-0.46915E+00	-0.55428E+01
38	-0.29582E-01	0.45758E+00	0.14239E+00	0.49161E+01	0.18731E+00	-0.50813E+01
39	-0.46810E+00	0.57628E+00	-0.40417E-02	0.47253E+01	0.53990E+00	-0.49274E+01
40	-0.12657E+01	0.10438E+01	-0.34184E+00	0.41948E+01	0.15434E+01	-0.48721E+01
41	-0.16327E+01	0.30500E+00	-0.45793E+00	0.44237E+01	0.14062E+01	-0.47332E+01
42	-0.20084E+01	0.47775E+00	-0.30613E+01	0.42562E+01	0.17338E+01	-0.41756E+01
43	-0.58267E+00	0.87948E+00	-0.17123E+00	0.40705E+01	0.88710E+00	-0.51752E+01
44	-0.11642E+01	0.45005E+00	-0.44316E+00	0.39694E+01	0.14480E+01	-0.44815E+01
45	-0.13238E+01	0.11955E+00	-0.60982E+00	0.41710E+01	0.13906E+01	-0.44511E+01
46	-0.96603E+00	0.73354E+00	0.73398E-01	0.40086E+01	0.10077E+01	-0.39610E+01
47	0.66622E+00	0.14983E+01	0.29024E+00	0.43521E+01	0.26890E+00	-0.55927E+01
48	0.47174E+00	0.14720E+01	0.16701E+00	0.46208E+01	0.36571E+00	-0.56538E+01
49	-0.40228E+00	0.12319E+01	-0.11553E+00	0.45047E+01	0.11452E+01	-0.59884E+01
50	-0.41796E+01	-0.39120E+00	-0.20655E+01	0.38268E+01	0.30676E+01	-0.41428E+01
51	-0.80267E+00	-0.37425E+00	-0.11727E+01	0.18471E+00	0.39837E+00	-0.11269E+01
52	-0.26798E+01	-0.14325E+01	-0.21603E+01	-0.15486E+01	0.16884E+01	0.50763E+01
53	-0.17039E+01	0.94704E+00	-0.13854E+00	0.34495E+01	0.15562E+01	-0.36155E+01
54	-0.46254E+00	-0.20129E+00	-0.22105E+00	0.45575E+01	0.23045E+00	-0.43514E+01

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5622

55	-0.85234E+00	0.85033E-01	-0.14453E+00	0.44773E+01	0.62744E+00	-0.41804E+01
56	-0.20910E+01	0.13844E+00	-0.56236E-01	0.40360E+01	0.16943E+01	-0.37829E+01
57	-0.16444E+01	0.24308E+00	-0.14234E+00	0.36867E+01	0.12082E+01	-0.35148E+01
58	-0.18142E+01	0.37636E+00	-0.50799E-01	0.31712E+01	0.14118E+01	-0.31163E+01
59	-0.11816E+00	-0.21217E+00	-0.83243E-01	0.44264E+01	-0.17461E-01	-0.39376E+01
60	-0.10372E+01	-0.93614E+00	-0.64691E+00	0.41579E+01	0.41579E+00	-0.31562E+01
61	-0.82102E+00	-0.75923E+00	-0.41585E+00	0.41214E+01	0.34219E+00	-0.31520E+01
62	-0.63976E+00	-0.10414E+01	-0.54310E+00	0.39775E+01	-0.43843E-01	-0.24561E+01
63	-0.10305E+01	-0.40799E+00	-0.24009E+00	0.41243E+01	0.39198E+00	-0.34315E+01
64	-0.12414E+01	-0.10086E+01	-0.43313E+00	0.37191E+01	0.50797E+00	-0.25849E+01
65	-0.20846E+01	-0.72827E-01	0.17710E+00	0.38731E+01	0.15960E+01	-0.33959E+01
66	-0.26092E+01	-0.52671E+00	0.18095E+00	0.34528E+01	0.17603E+01	-0.26636E+01
67	-0.20607E+01	-0.11154E+01	0.30381E+00	0.29125E+01	0.13767E+01	-0.18063E+01
68	-0.20094E+01	-0.86734E-01	-0.13236E+00	0.34238E+01	0.12635E+01	-0.30625E+01
69	-0.17887E+01	-0.41334E+00	-0.72515E-01	0.31942E+01	0.10064E+01	-0.24805E+01
70	-0.26195E+01	-0.91725E+00	-0.42218E+00	0.27527E+01	0.12396E+01	-0.17156E+01
71	-0.22084E+01	-0.12384E+00	-0.60986E-01	0.29627E+01	0.13474E+01	-0.24973E+01
72	-0.24330E+01	-0.44279E+00	-0.40077E-01	0.26859E+01	0.12784E+01	-0.18944E+01
73	-0.55635E+00	-0.60660E+00	-0.25038E+00	0.34842E+01	0.12689E+00	-0.11013E+01
74	-0.86872E+00	-0.56667E+00	0.41435E-01	0.31176E+01	0.36000E+00	-0.10177E+01
75	-0.17158E+01	-0.53845E+00	0.90153E+00	0.26189E+01	0.99339E+00	-0.88439E+00
76	-0.20632E+01	-0.49294E+00	0.32256E-01	0.30113E+01	0.86594E+00	-0.17134E+01
77	-0.15178E+01	-0.80612E+00	0.18765E+00	0.19299E+01	0.60287E+00	-0.43507E+00
78	-0.14819E+01	-0.41123E+00	0.45382E+00	0.15415E+01	0.60513E+00	-0.26852E+00
79	-0.25343E+01	-0.63033E+00	-0.80441E-02	0.21443E+01	0.95697E+00	-0.95691E+00
80	-0.27110E+01	-0.75053E+00	-0.79302E-01	0.14710E+01	0.64201E+00	-0.23781E+00
81	-0.14041E+01	-0.33590E+00	0.57301E+00	0.79174E+00	0.58444E+00	-0.78500E-01
82	-0.15863E+01	-0.44237E+00	0.48043E+00	0.69468E+00	0.54464E+00	-0.16924E+00
83	-0.23970E+01	-0.33205E+00	0.28730E+00	0.13363E+01	0.61573E+00	-0.37284E+00
84	-0.30780E+01	-0.73915E+00	-0.11502E+00	0.14496E+01	0.10470E+01	-0.36628E+00
85	-0.34564E+01	-0.33273E+00	-0.12050E+00	0.21520E+01	0.12933E+01	-0.12245E+01
86	-0.34550E+01	-0.46702E+00	-0.32615E-01	0.17927E+01	0.12500E+01	-0.87268E+00
87	-0.25536E+01	-0.46256E+00	0.68347E-01	0.21418E+01	0.13004E+01	-0.12610E+01
88	-0.25729E+01	-0.96172E-01	0.11136E-01	0.23234E+01	0.15694E+01	-0.19826E+01
89	-0.27373E+01	-0.12139E+00	-0.30552E-03	0.20313E+01	0.16655E+01	-0.18123E+01
90	-0.30519E+01	-0.28158E+00	0.57903E-01	0.14665E+01	0.17423E+01	-0.91026E+00
91	-0.32273E+01	-0.50083E+00	-0.19246E+00	0.13923E+01	0.18460E+01	-0.13020E+01
92	-0.32306E+01	-0.56446E+00	-0.13706E+00	0.10779E+01	0.18167E+01	-0.89509E+00
93	-0.20264E+01	0.12908E+01	-0.12246E+00	0.24634E+01	0.17853E+01	-0.29530E+01
94	-0.22504E+01	0.19562E+00	-0.45384E+00	0.24833E+01	0.16167E+01	-0.28156E+01
95	-0.16033E+01	-0.45782E+00	-0.51921E+00	0.17730E+01	0.15315E+01	-0.21342E+01
96	-0.19615E+01	0.18117E+00	-0.74421E-01	0.25305E+01	0.15014E+01	-0.24181E+01
97	-0.14243E+01	-0.23063E+00	-0.30023E+00	0.20432E+01	0.15113E+01	-0.18555E+01
98	-0.16669E+01	-0.12193E+00	-0.49162E-01	0.17579E+01	0.14079E+01	-0.17933E+01
99	-0.18116E+01	0.35646E+00	0.26906E+00	0.20455E+01	0.14031E+01	-0.18753E+01
100	-0.14317E+01	0.23013E+00	0.27956E+00	0.15109E+01	0.13710E+01	-0.13739E+01
101	-0.17190E+01	-0.15654E+00	-0.90102E-02	0.11454E+01	0.13715E+01	-0.10593E+01
102	-0.12064E+01	0.30915E+00	0.70765E+00	0.12234E+01	0.12806E+01	-0.10256E+01
103	-0.85626E+00	-0.16320E+00	0.42412E+00	0.38042E+00	0.11823E+01	-0.52866E+00
104	-0.94057E+00	-0.31874E+00	0.36389E+00	0.10616E+00	0.11702E+01	-0.35650E+00
105	-0.22503E+01	0.40949E+00	-0.71738E+00	0.21820E+01	0.21601E+01	-0.27304E+01
106	-0.36213E+01	-0.19303E+01	-0.27202E+01	0.95311E-01	0.23196E+01	-0.13142E+01
107	-0.27251E+01	-0.11606E+01	-0.19286E+01	0.11135E+01	0.22250E+01	-0.19409E+01
108	-0.22694E+01	-0.10137E+01	-0.16567E+01	0.11535E+01	0.21315E+01	-0.19582E+01
109	-0.21821E+01	-0.10455E+01	-0.17480E+01	0.43423E+00	0.21284E+01	-0.13198E+01
110	-0.35385E+00	0.53114E+00	-0.24035E+00	0.17273E+01	0.19501E+01	-0.20496E+01
111	0.59420E-01	0.26623E+00	-0.33104E+00	0.12312E+01	0.18079E+01	-0.11377E+01
112	0.96064E-01	0.53494E+00	-0.26611E+00	0.19372E+01	0.17947E+01	-0.11280E+01
113	0.72673E+00	0.89374E+00	0.52961E+00	0.20933E+01	0.15095E+01	-0.21733E+01
114	0.61650E+00	0.61490E+00	0.13102E+00	0.17528E+01	0.14156E+01	-0.11048E+01

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115	0.70352E+00	0.65320E+00	0.30451E+00	0.30619E+01	0.13722E+01	-0.10734E+01
116	0.33239E+00	0.83006E+00	0.54427E+00	0.23362E+01	0.10571E+01	-0.18978E+01
117	-0.33732E+00	0.33467E-01	-0.12826E+00	0.25963E+01	0.85425E+00	-0.10082E+01
118	-0.24046E+00	0.76454E-01	0.70912E-01	0.22515E+01	0.80310E+00	-0.93387E+00
119	-0.50277E-01	0.72317E+00	0.57073E+00	0.19011E+01	0.61777E+00	-0.14333E+01
120	-0.57346E+00	-0.11687E+00	0.32406E-01	0.18980E+01	0.46264E+00	-0.83590E+00
121	-0.51087E+00	-0.91486E-01	0.16348E+00	0.16128E+01	0.42840E+00	-0.73522E+00
122	0.18204E+00	0.98993E+00	0.95614E+00	0.15752E+01	0.30171E+00	-0.11212E+01
123	-0.45504E-01	0.19455E+00	0.58628E+00	0.12841E+01	0.15872E+00	-0.61373E+00
124	-0.16899E-01	0.19825E+00	0.65339E+00	0.97183E+00	0.13947E+00	-0.49474E+00
125	-0.14720E+00	0.19554E+00	0.62441E+00	0.80958E+00	0.11080E+00	-0.57176E+00
126	0.11431E+00	0.27233E+00	0.79405E+00	0.58534E+00	0.39894E-01	-0.33908E+00
127	0.11392E+00	0.26214E+00	0.50326E+00	0.28223E+00	0.35091E-01	-0.25012E+00
128	0.58672E+00	0.56116E+00	0.11288E+01	0.41580E+00	-0.18767E-01	-0.30478E+00
129	0.12890E+01	0.98343E+00	0.15893E+01	0.15416E+00	-0.11901E+00	-0.10295E+00
130	-0.26693E+01	0.72910E+00	-0.77505E+00	0.35977E+01	0.22872E+01	-0.41292E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.2900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.57401E+00	-0.38268E+01	0.32527E+01	0.60029E+02	-0.20026E+02	-0.27178E+02
131	-0.36061E-01	-0.57374E+00	0.46768E+00	0.13706E+03	-0.32296E+02	-0.82642E+02
132	-0.20836E+00	-0.13891E+01	0.11807E+01	0.23079E+03	-0.51939E+02	-0.14140E+03
133	-0.10066E+00	-0.67107E+00	0.57041E+00	0.33664E+03	-0.71940E+02	-0.20698E+03
134	-0.19995E+00	-0.13330E+01	0.11331E+01	0.45702E+03	-0.93109E+02	-0.28529E+03
135	-0.37973E+00	-0.25315E+01	0.21518E+01	0.54880E+03	-0.11050E+03	-0.35569E+03
136	-0.16873E+00	-0.11249E+01	0.95613E+00	0.62405E+03	-0.11764E+03	-0.40491E+03
137	-0.14015E+00	-0.93435E+00	0.79419E+00	0.61008E+03	-0.13440E+03	-0.42658E+03
138	-0.58885E+00	-0.39257E+01	0.27198E+01	0.62972E+03	-0.26110E+03	-0.46118E+03
139	0.61520E+00	0.41013E+01	-0.56910E+01	0.60672E+03	-0.51704E+03	-0.48704E+03
140	0.27493E+01	0.18328E+02	-0.15579E+02	0.77995E+03	-0.62573E+03	-0.55334E+03
141	0.26318E+01	0.17545E+02	-0.14914E+02	0.77948E+03	-0.63614E+03	-0.59016E+03
142	0.30155E+01	0.20103E+02	-0.17088E+02	0.82032E+03	-0.63739E+03	-0.62811E+03
143	0.30977E+01	0.20651E+02	-0.17553E+02	-0.32238E+03	-0.80712E+03	0.52672E+03
144	0.35321E+01	0.23547E+02	-0.20015E+02	-0.31403E+03	-0.79060E+03	0.49572E+03
145	-0.14651E+01	-0.97670E+01	0.49240E+01	0.27461E+03	-0.57259E+03	0.11901E+04
146	-0.60267E+00	-0.40178E+01	0.47405E+01	0.29212E+03	-0.42122E+03	0.10327E+04
147	-0.61621E+00	-0.41081E+01	0.46638E+01	0.27489E+03	-0.43425E+03	0.10178E+04
148	-0.63162E+00	-0.42108E+01	-0.18038E+01	0.26942E+03	-0.44696E+03	0.10208E+04
149	-0.64931E+00	-0.43287E+01	-0.17294E+01	0.26715E+03	-0.46095E+03	0.10399E+04
150	-0.74113E+00	-0.49409E+01	-0.98561E+00	0.20130E+03	-0.50292E+03	0.10117E+04
151	-0.88582E+00	-0.59055E+01	-0.23568E+02	0.19209E+03	-0.56661E+03	0.10363E+04
152	-0.82113E+00	-0.54742E+01	-0.42146E+02	0.19034E+03	-0.52339E+03	0.10289E+04
153	-0.72408E+00	-0.48272E+01	-0.37412E+02	0.16406E+03	-0.46210E+03	0.10068E+04
154	-0.51046E+00	-0.34031E+01	-0.71966E+02	0.14015E+03	-0.32210E+03	0.97996E+03
155	-0.20505E+00	-0.13670E+01	-0.59379E+02	0.14496E+03	-0.11609E+03	0.91813E+03
156	0.46809E-01	0.31206E+00	-0.51023E+02	0.11391E+03	0.48550E+02	0.85232E+03
157	0.25381E+00	0.16921E+01	-0.40851E+02	-0.10145E+03	0.18582E+03	0.75976E+03
158	0.42242E+00	0.28162E+01	-0.34272E+02	0.79464E+02	0.29586E+03	0.66962E+03
159	0.55451E+00	0.36967E+01	-0.24345E+02	0.40745E+02	0.37884E+03	0.55505E+03
160	0.64931E+00	0.43287E+01	-0.17208E+02	0.24901E+02	0.44018E+03	0.44776E+03
161	0.73400E+00	0.52257E+01	-0.89160E+01	0.46231E+01	0.49423E+03	0.31746E+03
162	0.82497E+00	0.54998E+01	-0.10309E+01	-0.34171E+01	0.48686E+03	0.22393E+03
163	0.96196E+00	0.64130E+01	0.47911E+00	-0.26650E+02	0.56430E+03	0.15846E+03
164	0.97507E+00	0.65005E+01	0.19108E+01	-0.56341E+02	0.56760E+03	0.10722E+03

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165	0.55962E+03	0.88437E+02	-0.28300E+01	0.28980E+02	0.58426E+03	0.82384E+02
166	0.45905E+03	0.86961E+02	0.35969E+01	0.21578E+02	0.54452E+03	0.75012E+02
167	0.36815E+03	0.49663E+02	0.64251E+01	0.17255E+02	0.46672E+03	0.68924E+02
168	0.28505E+03	0.36213E+02	0.72006E+01	0.12906E+02	0.38649E+03	0.63784E+02
169	0.18638E+03	0.19189E+02	0.91415E+01	0.88955E+01	0.33340E+03	0.55040E+02
170	0.87859E+02	0.90311E+00	0.12476E+02	0.43350E+01	0.30083E+03	0.51446E+02
171	-0.14112E+02	-0.16855E+02	0.14534E+02	-0.13151E+01	0.24008E+03	0.42167E+02
172	-0.75574E+02	-0.25272E+02	0.13450E+02	-0.31443E+01	0.15863E+03	0.32115E+02
173	-0.79166E+02	-0.20865E+02	0.85108E+01	-0.11734E+02	0.85271E+02	0.25097E+02
174	-0.49743E+02	-0.10501E+02	0.28033E+01	-0.12643E+02	0.31439E+02	0.20320E+02
175	-0.12337E+02	-0.11199E+01	-0.67365E+00	-0.10049E+02	0.14984E+02	0.18345E+02
176	0.18149E+01	0.14142E+01	-0.10161E+01	-0.73452E+01	0.20099E+02	0.17263E+02
177	0.36338E+01	0.11127E+01	-0.49043E+00	-0.51117E+01	0.23567E+02	0.14292E+02
178	0.13044E+01	0.19382E+00	0.11248E-01	-0.35183E+01	0.18128E+02	0.10364E+02
179	-0.33476E+00	-0.12843E+00	0.75139E-01	-0.23181E+01	0.12906E+02	0.73180E+01
180	-0.55133E-02	-0.47432E-01	0.43804E-01	-0.20450E+01	0.75672E+01	0.44229E+01
181	-0.12107E+00	-0.12327E+00	0.92779E-01	-0.14654E+01	0.34567E+01	0.15648E+01
182	0.47595E+00	0.22104E+00	-0.13013E+00	-0.45215E+00	-0.76849E+00	-0.23624E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3000E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.46536E-02	0.21112E-04	0.48492E-02	0.00000E+00
3	-0.84841E-02	0.25758E-04	0.83975E-02	0.00000E+00
4	-0.92437E-02	0.32217E-04	0.90446E-02	0.00000E+00
5	-0.10154E-01	0.37114E-04	0.10133E-01	0.00000E+00
6	-0.10563E-01	-0.67831E-05	0.10563E-01	0.00000E+00
7	-0.10111E-01	-0.47884E-03	0.10195E-01	0.00000E+00
8	-0.10588E-01	-0.51500E-03	0.10639E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.47149E-02	-0.27727E-03	0.47697E-02	0.00000E+00
11	-0.83439E-02	-0.60855E-03	0.84877E-02	0.00000E+00
12	-0.90035E-02	-0.77012E-03	0.92283E-02	0.00000E+00
13	-0.10081E-01	-0.91942E-03	0.10311E-01	0.00000E+00
14	-0.10626E-01	-0.10156E-02	0.10863E-01	0.00000E+00
15	-0.10118E-01	-0.16800E-02	0.10639E-01	0.00000E+00
16	-0.10699E-01	-0.17487E-02	0.11238E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.43294E-02	-0.69204E-03	0.48576E-02	0.00000E+00
19	-0.79591E-02	-0.16563E-02	0.87736E-02	0.00000E+00
20	-0.87432E-02	-0.21004E-02	0.96195E-02	0.00000E+00
21	-0.10120E-01	-0.23784E-02	0.10991E-01	0.00000E+00
22	-0.10820E-01	-0.25099E-02	0.11779E-01	0.00000E+00
23	-0.10174E-01	-0.36508E-02	0.11471E-01	0.00000E+00
24	-0.11002E-01	-0.38770E-02	0.12505E-01	0.00000E+00
25	-0.11126E-01	-0.48932E-02	0.12948E-01	0.00000E+00
26	-0.11303E-01	-0.53554E-02	0.13211E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.33799E-02	-0.10907E-02	0.46713E-02	0.00000E+00
29	-0.67073E-02	-0.23002E-02	0.86870E-02	0.00000E+00
30	-0.77788E-02	-0.37344E-02	0.97462E-02	0.00000E+00
31	-0.96462E-02	-0.48500E-02	0.11812E-01	0.00000E+00
32	-0.11262E-01	-0.59061E-02	0.13437E-01	0.00000E+00
33	-0.94051E-02	-0.51148E-02	0.11859E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.29869E-02	-0.10720E-02	0.44972E-02	0.00000E+00
36	-0.61204E-02	-0.28355E-02	0.84377E-02	0.00000E+00
37	-0.72352E-02	-0.38195E-02	0.94890E-02	0.00000E+00
38	-0.91901E-02	-0.50866E-02	0.11809E-01	0.00000E+00
39	-0.11381E-01	-0.60694E-02	0.14025E-01	0.00000E+00
40	-0.11359E-01	-0.60538E-02	0.13913E-01	0.00000E+00
41	-0.11336E-01	-0.60388E-02	0.13806E-01	0.00000E+00
42	-0.11312E-01	-0.60126E-02	0.13661E-01	0.00000E+00
43	-0.62363E-02	-0.33643E-02	0.85629E-02	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.17219E-02	-0.84267E-03	0.34350E-02	0.00000E+00
46	-0.41611E-02	-0.21900E-02	0.65328E-02	0.00000E+00
47	-0.11387E-01	-0.60694E-02	0.14066E-01	0.00000E+00
48	-0.11389E-01	-0.60699E-02	0.14063E-01	0.00000E+00
49	-0.91089E-02	-0.50452E-02	0.11758E-01	0.00000E+00
50	-0.11398E-01	-0.61041E-02	0.14062E-01	0.00000E+00
51	-0.81832E-02	-0.44734E-02	0.10551E-01	0.00000E+00
52	-0.10404E-01	-0.57713E-02	0.12338E-01	0.00000E+00
53	-0.11379E-01	-0.60481E-02	0.14082E-01	0.00000E+00
54	-0.52383E-02	-0.29823E-02	0.73949E-02	0.00000E+00
55	-0.70517E-02	-0.40450E-02	0.90621E-02	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.63111E-03	-0.37899E-03	0.12675E-02	0.00000E+00
58	-0.23804E-02	-0.15143E-02	0.40768E-02	0.00000E+00
59	-0.83819E-02	-0.51509E-02	0.10374E-01	0.00000E+00
60	-0.99942E-02	-0.56001E-02	0.11781E-01	0.00000E+00
61	-0.11401E-01	-0.61243E-02	0.14067E-01	0.00000E+00
62	-0.31554E-02	-0.21111E-02	0.46499E-02	0.00000E+00
63	-0.46158E-02	-0.30230E-02	0.57186E-02	0.00000E+00
64	-0.10485E-01	-0.58516E-02	0.12400E-01	0.00000E+00
65	-0.11403E-01	-0.61435E-02	0.14072E-01	0.00000E+00
66	-0.11423E-01	-0.61321E-02	0.14083E-01	0.00000E+00
67	-0.11444E-01	-0.62235E-02	0.14094E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.21955E-04	-0.29050E-03	0.60434E-03	0.00000E+00
70	-0.64323E-03	-0.73632E-03	0.13066E-02	0.00000E+00
71	-0.62491E-02	-0.40363E-02	0.68290E-02	0.00000E+00
72	-0.10310E-01	-0.58585E-02	0.12015E-01	0.00000E+00
73	-0.22893E-02	-0.18117E-02	0.21235E-02	0.00000E+00
74	-0.10641E-01	-0.62303E-02	0.12341E-01	0.00000E+00
75	-0.11461E-01	-0.62565E-02	0.14099E-01	0.00000E+00
76	-0.11566E-01	-0.63226E-02	0.14095E-01	0.00000E+00
77	-0.36320E-02	-0.24808E-02	0.26887E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.58321E-03	0.37806E-04	-0.63943E-03	0.00000E+00
80	0.67212E-03	-0.16652E-03	-0.13071E-02	0.00000E+00
81	0.48149E-03	-0.31112E-03	-0.14966E-02	0.00000E+00
82	-0.37219E-03	-0.72677E-03	-0.14511E-02	0.00000E+00
83	-0.21419E-02	-0.51432E-02	0.78837E-02	0.00000E+00
84	-0.38199E-02	-0.20898E-02	0.35890E-03	0.00000E+00
85	-0.11806E-01	-0.64084E-02	0.14087E-01	0.00000E+00
86	-0.11390E-01	-0.66311E-02	0.12644E-01	0.00000E+00
87	-0.14542E-02	-0.11848E-02	-0.12112E-02	0.00000E+00
88	-0.99529E-02	-0.59500E-02	0.10387E-01	0.00000E+00
89	-0.12013E-01	-0.64883E-02	0.14073E-01	0.00000E+00
90	0.26364E-02	-0.25206E-03	-0.67131E-02	0.00000E+00
91	0.23263E-02	-0.44571E-03	-0.72917E-02	0.00000E+00
92	0.18521E-02	-0.62583E-03	-0.73541E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.22194E-02	0.00000E+00	-0.50713E-02	0.00000E+00
95	0.39571E-02	0.00000E+00	-0.91135E-02	0.00000E+00
96	0.43064E-02	0.00000E+00	-0.10015E-01	0.00000E+00
97	0.43461E-02	0.00000E+00	-0.10603E-01	0.00000E+00
98	0.42087E-02	0.00000E+00	-0.10675E-01	0.00000E+00
99	0.35145E-02	-0.21230E-03	-0.59391E-02	0.00000E+00
100	0.89114E-03	-0.90643E-03	-0.62693E-02	0.00000E+00
101	-0.63385E-02	-0.29093E-02	0.87355E-03	0.00000E+00
102	-0.12500E-01	-0.65992E-02	0.14041E-01	0.00000E+00
103	-0.93687E-02	-0.57920E-02	0.84137E-02	0.00000E+00
104	-0.12384E-01	-0.72082E-02	0.13016E-01	0.00000E+00
105	-0.13051E-01	-0.66966E-02	0.13966E-01	0.00000E+00
106	-0.10590E-01	-0.63014E-02	0.87410E-02	0.00000E+00
107	-0.13135E-01	-0.76863E-02	0.13139E-01	0.00000E+00
108	-0.13472E-01	-0.67820E-02	0.13913E-01	0.00000E+00
109	-0.13774E-01	-0.68527E-02	0.13809E-01	0.00000E+00
110	-0.12599E-01	-0.69717E-02	0.90450E-02	0.00000E+00
111	-0.13445E-01	-0.80749E-02	0.13138E-01	0.00000E+00
112	-0.14047E-01	-0.69119E-02	0.13677E-01	0.00000E+00
113	-0.13163E-01	-0.72175E-02	0.98028E-02	0.00000E+00
114	-0.14196E-01	-0.69493E-02	0.13510E-01	0.00000E+00
115	-0.14231E-01	-0.69763E-02	0.13310E-01	0.00000E+00
116	-0.14275E-01	-0.67369E-02	0.13067E-01	0.00000E+00

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117	-0.14059E-01	-0.31574E-02	0.12303E-01	0.00000E+00
118	-0.14266E-01	-0.59881E-02	0.12933E-01	0.00000E+00
119	-0.14207E-01	-0.69811E-02	0.12687E-01	0.00000E+00
120	-0.14188E-01	-0.82006E-02	0.12312E-01	0.00000E+00
121	-0.14107E-01	-0.69643E-02	0.12378E-01	0.00000E+00
122	-0.14103E-01	-0.69430E-02	0.12335E-01	-0.54273E-05
123	-0.14085E-01	-0.68951E-02	0.12378E-01	-0.10161E-04
124	-0.14054E-01	-0.68147E-02	0.12371E-01	-0.16206E-04
125	-0.13996E-01	-0.66910E-02	0.12359E-01	-0.24436E-04
126	-0.13845E-01	-0.63765E-02	0.12339E-01	-0.37111E-04
127	-0.13647E-01	-0.59654E-02	0.12316E-01	-0.43990E-04
128	-0.13189E-01	-0.49535E-02	0.12269E-01	-0.45448E-04
129	-0.12793E-01	-0.40233E-02	0.12223E-01	-0.38214E-04
130	-0.12463E-01	-0.31864E-02	0.12171E-01	-0.26284E-04
131	-0.12199E-01	-0.24223E-02	0.12093E-01	-0.99117E-05
132	-0.12125E-01	-0.21676E-02	0.12030E-01	-0.31950E-05
133	-0.12089E-01	-0.20219E-02	0.11980E-01	-0.40056E-05
134	-0.12036E-01	-0.17541E-02	0.11943E-01	-0.75045E-05
135	-0.11970E-01	-0.13374E-02	0.11916E-01	-0.98018E-05
136	-0.11919E-01	-0.89922E-03	0.11895E-01	-0.92310E-05
137	-0.11892E-01	-0.49144E-03	0.11885E-01	-0.90306E-05
138	-0.11874E-01	-0.71373E-04	0.11874E-01	-0.87953E-05
139	-0.11874E-01	-0.89873E-05	0.11874E-01	-0.89794E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3000E+01

FL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.33366E-01	-0.65027E-01	-0.14591E-01	-0.58391E+00	-0.12602E-01	0.59760E+00
2	-0.14779E-01	-0.50723E-01	0.26915E-02	-0.49149E+00	-0.11339E-01	0.47610E+00
3	0.68512E-01	-0.46434E-01	0.23054E-01	-0.36994E+00	0.14606E-01	0.35529E+00
4	-0.47699E-01	-0.61229E-01	-0.11280E+00	-0.29046E+00	0.35847E-01	0.30977E+00
5	0.61150E-01	-0.29540E-01	0.30923E-01	-0.28636E+00	0.10016E-01	0.30250E+00
6	-0.19201E-01	-0.94711E-01	0.38722E-02	-0.31301E+00	0.15953E-02	0.31291E+00
7	0.17721E-01	-0.18547E-02	0.34762E-01	-0.19239E+00	0.22964E-02	0.13427E+00
8	0.55425E-02	-0.19655E-01	0.46162E-01	-0.19952E+00	0.12669E-01	0.19970E+00
9	-0.11305E+00	-0.26633E+00	-0.13352E+00	-0.53955E+00	-0.40646E-02	0.60067E+00
10	-0.51677E-01	-0.27557E+00	-0.31276E-01	-0.49946E+00	-0.53453E-02	0.50770E+00
11	0.84595E-01	-0.23605E+00	0.90900E-01	-0.44633E+00	-0.71422E-03	0.42162E+00
12	-0.68197E-01	-0.11272E+00	-0.46574E-02	-0.37080E+00	0.34030E-01	0.32152E+00
13	0.59090E-01	-0.93984E-01	0.77187E-01	-0.38967E+00	0.27656E-02	0.35458E+00
14	-0.94110E-01	-0.21390E+00	-0.18852E-01	-0.42432E+00	0.26376E-01	0.39835E+00
15	-0.22946E-01	-0.40129E-01	0.51974E-01	-0.26111E+00	0.35950E-01	0.22531E+00
16	-0.71865E-02	-0.29552E-01	0.89589E-01	-0.27543E+00	0.43325E-01	0.26265E+00
17	-0.15573E+00	-0.45516E+00	-0.20955E+00	-0.48614E+00	-0.20878E-01	0.59590E+00
18	-0.15441E-01	-0.50809E+00	-0.11100E+00	-0.48327E+00	-0.45427E-01	0.53224E+00
19	0.33424E+00	-0.50509E+00	0.17208E+00	-0.54948E+00	-0.82875E-01	0.50608E+00
20	-0.13024E+00	-0.23115E+00	-0.26112E-01	-0.52797E+00	0.44327E-01	0.41017E+00
21	0.68991E-01	-0.42539E+00	-0.32382E-02	-0.55848E+00	-0.38472E-01	0.50164E+00
22	-0.13091E+00	-0.34957E+00	-0.25125E+00	-0.61529E+00	0.23707E-02	0.57711E+00
23	-0.10251E+00	-0.14005E+00	0.33042E-01	-0.40964E+00	0.62424E-01	0.32863E+00
24	-0.25563E+00	-0.26767E+00	-0.58545E-01	-0.55264E+00	0.10620E+00	0.37640E+00
25	-0.15246E+00	-0.55472E+00	-0.11747E+00	-0.53510E+00	0.42926E-01	0.45918E+00
26	-0.93279E+00	-0.13245E+01	-0.72138E+00	-0.73904E+00	0.12409E+00	0.53862E+00
27	-0.17928E+00	-0.53759E+00	-0.23954E+00	-0.38684E+00	-0.37680E-01	0.57331E+00
28	0.24867E-01	-0.63394E+00	-0.12402E+00	-0.39681E+00	-0.93335E-01	0.53314E+00
29	0.57242E+00	-0.67153E+00	0.23681E+00	-0.42962E+00	-0.22362E+00	0.54568E+00
30	0.75117E-01	-0.66954E+00	-0.56960E-01	-0.54805E+00	-0.39380E-01	0.58189E+00
31	0.16739E-01	-0.86944E+00	-0.16400E+00	-0.43784E+00	-0.13593E+00	0.60677E+00
32	-0.67523E-01	-0.87047E+00	-0.18705E+00	-0.40686E+00	-0.96294E-01	0.63125E+00
33	-0.53151E+00	-0.10592E+01	-0.44746E+00	-0.54780E+00	0.54918E-01	0.57033E+00
34	-0.12346E+01	-0.14721E+01	-0.38842E+00	-0.53046E+00	0.16595E+00	0.63271E+00
35	-0.77049E+00	-0.11616E+01	-0.57631E+00	-0.48264E+00	0.56543E-01	0.63038E+00
36	0.12622E+00	-0.58675E+00	0.13099E-01	-0.47959E+00	-0.99595E-01	0.65080E+00
37	-0.82069E+00	-0.12410E+01	-0.62555E+00	-0.54594E+00	0.61275E-01	0.69008E+00
38	-0.13865E+00	-0.46129E+00	-0.19553E+00	-0.27973E+00	-0.53080E-01	0.49417E+00
39	0.73097E-01	-0.53803E+00	-0.74883E-01	-0.30991E+00	-0.14290E+00	0.46429E+00
40	0.53863E+00	-0.69204E+00	0.22357E+00	-0.28123E+00	-0.35949E+00	0.53063E+00
41	0.63072E+00	-0.54255E+00	0.26587E+00	-0.31123E+00	-0.35905E+00	0.50530E+00
42	0.66655E+00	-0.47324E+00	0.27173E+00	-0.28791E+00	-0.40964E+00	0.41858E+00
43	0.12547E+00	-0.74532E+00	-0.69188E-01	-0.35118E+00	-0.20032E+00	0.62840E+00
44	0.28107E+00	-0.53432E+00	0.65235E-01	-0.31396E+00	-0.27889E+00	0.53519E+00
45	0.36665E+00	-0.49035E+00	0.89573E-01	-0.35197E+00	-0.29624E+00	0.51885E+00
46	0.25489E+00	-0.53612E+00	0.16493E-01	-0.32964E+00	-0.23950E+00	0.43496E+00
47	-0.22211E+00	-0.85378E+00	-0.23077E+00	-0.49193E+00	-0.69403E-01	0.69420E+00
48	-0.63872E+00	-0.11526E+01	-0.51665E+00	-0.54623E+00	-0.57480E-01	0.70899E+00
49	-0.11590E+00	-0.15023E+00	-0.21540E+00	-0.51625E+00	-0.20986E+00	0.76234E+00
50	0.66816E+00	-0.41655E+00	0.25819E+00	-0.39135E+00	-0.47630E+00	0.51830E+00
51	0.53090E-01	-0.11537E+00	0.17576E+00	-0.17172E-01	-0.57780E-01	0.16129E+00
52	0.11551E+01	0.10045E+01	0.10430E+01	0.52922E+00	-0.26200E+00	-0.81586E+00
53	0.44234E+00	-0.50595E+00	0.90032E-01	-0.34688E+00	-0.32079E+00	0.42808E+00
54	-0.11539E-01	-0.24045E+00	-0.67974E-01	-0.12679E+00	-0.65587E-01	0.33487E+00

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55	0.13456E+00	-0.37915E+00	-0.20721E-01	-0.21419E+00	-0.17129E+00	0.33735E+00
56	0.69111E+00	-0.38049E+00	0.24766E+00	-0.23162E+00	-0.44068E+00	0.33071E+00
57	0.43439E+00	-0.38247E+00	0.10684E+00	-0.26938E+00	-0.29458E+00	0.35191E+00
58	0.49420E+00	-0.40426E+00	0.10224E+00	-0.28262E+00	-0.32217E+00	0.33661E+00
59	-0.16187E+00	-0.25451E+00	-0.15016E+00	-0.77136E-01	-0.58544E-02	0.24213E+00
60	0.15774E+00	-0.26177E-02	0.84256E-01	0.38062E-02	-0.10790E+00	0.76631E-01
61	0.13207E+00	-0.27696E-01	0.47223E-01	0.21392E-01	-0.93164E-01	0.74802E-01
62	0.17688E-01	0.26929E-01	0.17290E-01	0.71281E-01	0.19876E-03	-0.78286E-01
63	0.17209E+00	-0.19934E+00	0.27336E-01	-0.11493E+00	-0.16529E+00	0.18141E+00
64	0.25739E+00	0.30932E-01	0.11957E+00	0.22298E-02	-0.14295E+00	0.53869E-02
65	0.61381E+00	-0.33337E+00	0.17129E+00	-0.18839E+00	-0.44011E+00	0.24806E+00
66	0.72060E+00	-0.12871E+00	0.20021E+00	-0.12736E+00	-0.45945E+00	0.12412E+00
67	0.58521E+00	0.93339E-01	0.18542E+00	0.21008E-01	-0.37636E+00	-0.60556E-01
68	0.46920E+00	-0.32936E+00	0.90787E-01	-0.20496E+00	-0.32401E+00	0.25751E+00
69	0.43808E+00	-0.13999E+00	0.12291E+00	-0.12509E+00	-0.26766E+00	0.13806E+00
70	0.58643E+00	0.74028E-01	0.22903E+00	-0.90935E-01	-0.29724E+00	0.21768E-01
71	0.56498E+00	-0.22798E+00	0.14085E+00	-0.20250E+00	-0.33737E+00	0.22433E+00
72	0.50436E+00	-0.94718E-01	0.11352E+00	-0.15951E+00	-0.30592E+00	0.10715E+00
73	0.75602E-01	0.50391E-01	0.34202E-01	0.17037E+00	-0.34842E-01	-0.34906E+00
74	0.15116E+00	0.36128E-01	0.26568E-01	0.11336E+00	-0.94918E-01	-0.28757E+00
75	0.34201E+00	0.28292E-01	-0.17948E-01	0.37838E-01	-0.24967E+00	-0.19822E+00
76	0.32158E+00	-0.11945E+00	0.10187E-01	-0.16439E+00	-0.20278E+00	0.14570E-01
77	0.27864E+00	0.71084E-01	0.45423E-01	0.59716E-01	-0.15084E+00	-0.20560E+00
78	0.26879E+00	0.12080E+00	0.33199E-01	0.19529E-01	-0.12475E+00	-0.12656E+00
79	0.45828E+00	0.22797E-01	0.92905E-01	-0.12473E+00	-0.21021E+00	-0.29828E-01
80	0.31740E+00	0.13453E-01	0.99374E-02	-0.46010E-01	-0.10832E+00	-0.12261E+00
81	0.19815E+00	0.16265E-01	-0.38873E-01	0.27583E-01	-0.12404E+00	-0.86566E-01
82	0.14673E+00	0.33642E-01	-0.62626E-01	-0.12474E-01	-0.93292E-01	-0.15162E-01
83	0.26785E+00	-0.52245E-01	-0.48240E-01	-0.11010E+00	-0.10450E+00	-0.13458E-01
84	0.55499E+00	0.11691E+00	0.13879E+00	-0.88463E-01	-0.21025E+00	-0.39862E-01
85	0.57236E+00	-0.11790E+00	0.60255E-01	-0.23748E+00	-0.25579E+00	0.88903E-01
86	0.61284E+00	-0.34417E-01	0.77969E-01	-0.28765E+00	-0.24440E+00	0.92311E-01
87	0.66115E+00	0.10809E+00	0.22358E+00	-0.19672E+00	-0.30795E+00	0.68143E-01
88	0.59439E+00	-0.21081E+00	0.11153E+00	-0.21388E+00	-0.36351E+00	0.20235E+00
89	0.56074E+00	-0.24307E+00	0.61585E-01	-0.17789E+00	-0.37042E+00	0.20844E+00
90	0.72917E+00	0.56131E-01	0.18801E+00	-0.16875E+00	-0.36304E+00	0.11878E+00
91	0.61816E+00	-0.10278E+00	0.90520E-01	-0.14793E+00	-0.37045E+00	0.16341E+00
92	0.69759E+00	0.42049E-01	0.14425E+00	-0.13778E+00	-0.35760E+00	0.12835E+00
93	0.53329E+00	-0.52954E+00	0.10250E+00	-0.24058E+00	-0.35409E+00	0.37436E+00
94	0.59490E+00	-0.34502E+00	0.17432E+00	-0.23718E+00	-0.34053E+00	0.32381E+00
95	0.55102E+00	-0.14529E+00	0.22538E+00	-0.13517E+00	-0.31362E+00	0.25572E+00
96	0.55223E+00	-0.31076E+00	0.12556E+00	-0.25518E+00	-0.31916E+00	0.29117E+00
97	0.55179E+00	-0.13184E+00	0.21387E+00	-0.18147E+00	-0.30747E+00	0.24068E+00
98	0.51029E+00	-0.17409E+00	0.13608E+00	-0.17565E+00	-0.28890E+00	0.22696E+00
99	0.60254E+00	-0.19017E+00	0.15204E+00	-0.23939E+00	-0.30034E+00	0.24092E+00
100	0.46534E+00	-0.14898E+00	0.97388E-01	-0.17669E+00	-0.27153E+00	0.18945E+00
101	0.46723E+00	-0.62300E-01	0.11424E+00	-0.10537E+00	-0.25851E+00	0.14705E+00
102	0.22823E+00	-0.18399E+00	-0.10119E+00	-0.21037E+00	-0.21647E+00	0.15959E+00
103	0.17912E+00	-0.35321E-02	-0.31469E-01	0.14600E-01	-0.19586E+00	0.69214E-01
104	0.19651E+00	0.38505E-01	-0.30048E-01	0.42861E-01	-0.18788E+00	0.46686E-01
105	0.54848E+00	-0.36442E+00	0.19100E+00	-0.18890E+00	-0.36286E+00	0.33586E+00
106	0.93103E+00	0.41140E+00	0.71029E+00	0.46537E-01	-0.36061E+00	0.17793E+00
107	0.66659E+00	0.66907E-01	0.45379E+00	-0.54829E-01	-0.35032E+00	0.23639E+00
108	0.62277E+00	0.50525E-01	0.42403E+00	-0.54227E-01	-0.33987E+00	0.24046E+00
109	0.79052E+00	0.31393E+00	0.60687E+00	-0.25598E-03	-0.33893E+00	0.17734E+00
110	0.33047E+00	-0.23296E+00	0.18443E+00	-0.16841E+00	-0.31539E+00	0.26925E+00
111	0.52841E+00	0.18827E+00	0.44357E+00	-0.10399E+00	-0.29351E+00	0.15381E+00
112	0.52422E+00	0.18800E+00	0.43336E+00	-0.18108E+00	-0.29050E+00	0.15277E+00
113	0.69500E-01	-0.44321E+00	-0.37912E-01	-0.22603E+00	-0.25576E+00	0.27528E+00
114	0.43448E+00	0.13581E+00	0.35978E+00	-0.18725E+00	-0.24055E+00	0.15257E+00

115	0.42577E+00	0.15702E+00	0.33705E+00	-0.33750E+00	-0.23348E+00	0.14854E+00
116	0.58949E-01	-0.44716E+00	-0.81585E-01	-0.31274E+00	-0.19034E+00	0.26257E+00
117	0.43194E+00	0.14571E+00	0.30187E+00	-0.31360E+00	-0.15690E+00	0.14354E+00
118	0.42442E+00	0.15153E+00	0.27776E+00	-0.29699E+00	-0.14850E+00	0.13350E+00
119	0.95337E-01	-0.35590E+00	-0.80356E-01	-0.29355E+00	-0.12166E+00	0.20505E+00
120	0.38194E+00	0.13223E+00	0.21698E+00	-0.27688E+00	-0.94722E-01	0.12289E+00
121	0.37985E+00	0.14273E+00	0.20123E+00	-0.26075E+00	-0.87898E-01	0.10889E+00
122	-0.24162E-02	-0.36399E+00	-0.17034E+00	-0.32328E+00	-0.64420E-01	0.17912E+00
123	0.14376E+00	0.75650E-02	0.19037E-01	-0.23276E+00	-0.35507E-01	0.93731E-01
124	0.14720E+00	0.22843E-01	0.12371E-01	-0.19863E+00	-0.30452E-01	0.76547E-01
125	0.65152E-01	-0.43702E-01	-0.50447E-01	-0.21242E+00	-0.22673E-01	0.93010E-01
126	0.37786E-01	-0.31551E-01	-0.78381E-01	-0.15513E+00	-0.67700E-02	0.54296E-01
127	0.42753E-01	-0.18633E-01	-0.79882E-01	-0.14833E+00	-0.37363E-02	0.41483E-01
128	-0.71416E-01	-0.11128E+00	-0.17554E+00	-0.16533E+00	0.10629E-01	0.53855E-01
129	-0.20196E+00	-0.16167E+00	-0.26608E+00	-0.11323E+00	0.34192E-01	0.18539E-01
130	0.58569E+00	-0.45476E+00	0.17089E+00	-0.37417E+00	-0.39189E+00	0.50864E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.26727E+00	0.17318E+01	-0.15145E+01	-0.33577E+01	0.87537E+01	0.20883E+01
131	0.84150E-01	0.56100E+00	-0.47685E+00	-0.44804E+01	0.16978E+02	0.10296E+02
132	0.11466E+00	0.76442E+00	-0.64975E+00	-0.93933E+01	0.27210E+02	0.17694E+02
133	0.79898E-01	0.53265E+00	-0.45275E+00	-0.16758E+02	0.36966E+02	0.26195E+02
134	0.15625E+00	0.10417E+01	-0.88541E+00	-0.26637E+02	0.46467E+02	0.36316E+02
135	0.22103E+00	0.14735E+01	-0.12525E+01	-0.37758E+02	0.52763E+02	0.45701E+02
136	0.15990E+00	0.10660E+01	-0.90607E+00	-0.45182E+02	0.55962E+02	0.52482E+02
137	0.19344E+00	0.12896E+01	-0.10962E+01	-0.32567E+02	0.61338E+02	0.55141E+02
138	0.26258E-01	0.17505E+00	-0.52213E-01	-0.36995E+02	0.98005E+02	0.60405E+02
139	-0.81153E+00	-0.54102E+01	0.50051E+01	-0.27611E+02	0.17288E+03	0.64680E+02
140	-0.17416E+01	-0.11612E+02	0.98701E+01	-0.51240E+02	0.20830E+03	0.75003E+02
141	-0.16476E+01	-0.10984E+02	0.93364E+01	-0.49475E+02	0.21097E+03	0.81548E+02
142	-0.18830E+01	-0.12553E+02	0.10670E+02	-0.52131E+02	0.21105E+03	0.88237E+02
143	-0.19286E+01	-0.12857E+02	0.10929E+02	0.66134E+02	0.22972E+03	-0.77052E+02
144	-0.22248E+01	-0.14832E+02	0.12607E+02	0.60189E+02	0.22658E+03	-0.72015E+02
145	0.41558E+00	0.27705E+01	0.97964E+00	-0.15675E+03	0.15059E+03	-0.17077E+03
146	0.16605E+00	0.11070E+01	0.58190E-01	-0.14050E+03	0.10705E+03	-0.14690E+03
147	0.16623E+00	0.11082E+01	0.68383E-01	-0.13257E+03	0.10838E+03	-0.14553E+03
148	0.16600E+00	0.11067E+01	0.71004E+00	-0.13336E+03	0.10809E+03	-0.14591E+03
149	0.16540E+00	0.11027E+01	0.71177E+00	-0.14050E+03	0.10655E+03	-0.14818E+03
150	0.18305E+00	0.12203E+01	0.71009E+00	-0.11965E+03	0.11372E+03	-0.14464E+03
151	0.21379E+00	0.14253E+01	0.30860E+01	-0.12956E+03	0.12427E+03	-0.14828E+03
152	0.19896E+00	0.13265E+01	0.51235E+01	-0.12694E+03	0.11471E+03	-0.14804E+03
153	0.17964E+00	0.11976E+01	0.44951E+01	-0.11980E+03	0.10298E+03	-0.14558E+03
154	0.14487E+00	0.96579E+00	0.84762E+01	-0.11219E+03	0.80548E+02	-0.14281E+03
155	0.98377E-01	0.65534E+00	0.66429E+01	-0.10161E+03	0.50884E+02	-0.13489E+03
156	0.57032E-01	0.38021E+00	0.63092E+01	-0.91972E+02	0.24540E+02	-0.12669E+03
157	0.19713E-01	0.13142E+00	0.47841E+01	-0.79121E+02	0.13825E+01	-0.11424E+03
158	-0.13835E-01	-0.92563E-01	0.44937E+01	-0.69251E+02	-0.19721E+02	-0.10223E+03
159	-0.43716E-01	-0.29144E+00	0.28950E+01	-0.48024E+02	-0.36589E+02	-0.86090E+02
160	-0.68607E-01	-0.45733E+00	0.21565E+01	-0.38066E+02	-0.51826E+02	-0.70923E+02
161	-0.99555E-01	-0.66370E+00	0.11699E+01	-0.21581E+02	-0.65908E+02	-0.52128E+02
162	-0.11917E+00	-0.79773E+00	0.11179E+01	-0.13417E+02	-0.71823E+02	-0.38485E+02
163	-0.15313E+00	-0.10209E+01	0.51051E+00	-0.28864E+01	-0.90900E+02	-0.28533E+02
164	-0.17443E+00	-0.11629E+01	0.57300E-01	0.62078E+01	-0.10212E+03	-0.20368E+02

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165	-0.11765E+03	-0.21819E+02	0.34139E+01	-0.90342E+01	-0.11164E+03	-0.16050E+02
166	-0.10074E+03	-0.17230E+02	0.15040E+01	-0.76213E+01	-0.10536E+03	-0.14700E+02
167	-0.83562E+02	-0.13033E+02	0.11080E+00	-0.67486E+01	-0.91567E+02	-0.13569E+02
168	-0.67092E+02	-0.96308E+01	-0.69140E+00	-0.58626E+01	-0.76930E+02	-0.12600E+02
169	-0.46317E+02	-0.57269E+01	-0.13909E+01	-0.50268E+01	-0.67585E+02	-0.11498E+02
170	-0.24919E+02	-0.16600E+01	-0.22126E+01	-0.40487E+01	-0.62181E+02	-0.10210E+02
171	-0.20369E+01	0.24527E+01	-0.28046E+01	-0.26348E+01	-0.51018E+02	-0.83572E+01
172	0.12753E+02	0.46795E+01	-0.27459E+01	-0.11800E+01	-0.35055E+02	-0.63118E+01
173	0.15208E+02	0.41395E+01	-0.18191E+01	-0.19768E+00	-0.19915E+02	-0.48587E+01
174	0.10327E+02	0.22132E+01	-0.65681E+00	0.30463E+00	-0.82932E+01	-0.38613E+01
175	0.27737E+01	0.26912E+00	0.10894E+00	0.96753E-01	-0.42356E+01	-0.34692E+01
176	-0.26792E+00	-0.29663E+00	0.21333E+00	-0.20379E+00	-0.50865E+01	-0.32791E+01
177	-0.82226E+00	-0.27283E+00	0.12027E+00	-0.33406E+00	-0.58561E+01	-0.27507E+01
178	-0.38480E+00	-0.55001E-01	-0.10085E-01	-0.28755E+00	-0.45830E+01	-0.20136E+01
179	0.10148E+00	0.49111E-01	-0.35306E-01	-0.13324E+00	-0.32098E+01	-0.13945E+01
180	0.28392E-01	0.15374E-01	-0.12120E-01	-0.23526E-01	-0.18415E+01	-0.82735E+00
181	0.27281E-01	0.34231E-01	-0.27877E-01	0.10580E+00	-0.83371E+00	-0.27055E+00
182	-0.81360E-01	-0.37792E-01	0.22251E-01	0.81777E-01	0.22705E+00	0.28629E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.37415E-01	0.19811E-05	0.37751E-01	0.00000E+00
3	-0.71844E-01	-0.18665E-03	0.71910E-01	0.00000E+00
4	-0.81233E-01	-0.19534E-03	0.81126E-01	0.00000E+00
5	-0.94739E-01	-0.17990E-04	0.94771E-01	0.00000E+00
6	-0.10469E+00	-0.23540E-05	0.10470E+00	0.00000E+00
7	-0.94983E-01	-0.46070E-03	0.95058E-01	0.00000E+00
8	-0.10501E+00	-0.28514E-03	0.10509E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.36983E-01	-0.19507E-03	0.37017E-01	0.00000E+00
11	-0.71295E-01	-0.55804E-03	0.71451E-01	0.00000E+00
12	-0.81119E-01	-0.66922E-03	0.81281E-01	0.00000E+00
13	-0.95291E-01	-0.48616E-03	0.95466E-01	0.00000E+00
14	-0.10574E+00	-0.22217E-03	0.10610E+00	0.00000E+00
15	-0.95997E-01	-0.57965E-03	0.96875E-01	0.00000E+00
16	-0.10596E+00	-0.11441E-03	0.10781E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.36461E-01	-0.52674E-04	0.37097E-01	0.00000E+00
19	-0.71147E-01	-0.32174E-03	0.72229E-01	0.00000E+00
20	-0.81590E-01	-0.39454E-03	0.82683E-01	0.00000E+00
21	-0.96760E-01	-0.12284E-03	0.98193E-01	0.00000E+00
22	-0.10569E+00	0.31741E-03	0.11031E+00	0.00000E+00
23	-0.97770E-01	0.52566E-03	0.10014E+00	0.00000E+00
24	-0.11099E+00	0.14709E-02	0.11372E+00	0.00000E+00
25	-0.11234E+00	0.20177E-02	0.11582E+00	0.00000E+00
26	-0.11314E+00	0.24962E-02	0.11708E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.36215E-01	0.67232E-03	0.36473E-01	0.00000E+00
29	-0.71134E-01	0.12182E-02	0.71866E-01	0.00000E+00
30	-0.82109E-01	0.14321E-02	0.83214E-01	0.00000E+00
31	-0.98863E-01	0.19054E-02	0.10159E+00	0.00000E+00
32	-0.11396E+00	0.32327E-02	0.11841E+00	0.00000E+00
33	-0.99127E-01	0.21771E-02	0.10181E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.36253E-01	0.93053E-03	0.36008E-01	0.00000E+00
36	-0.71192E-01	0.19120E-02	0.71105E-01	0.00000E+00
37	-0.82164E-01	0.23643E-02	0.82325E-01	0.00000E+00
38	-0.99311E-01	0.27904E-02	0.10165E+00	0.00000E+00
39	-0.11499E+00	0.31812E-02	0.12031E+00	0.00000E+00
40	-0.11478E+00	0.31717E-02	0.11989E+00	0.00000E+00
41	-0.11457E+00	0.31645E-02	0.11949E+00	0.00000E+00
42	-0.11434E+00	0.31565E-02	0.11904E+00	0.00000E+00
43	-0.82057E-01	0.32978E-02	0.79125E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.36112E-01	0.14084E-02	0.33166E-01	0.00000E+00
46	-0.70715E-01	0.23570E-02	0.65188E-01	0.00000E+00
47	-0.11504E+00	0.31814E-02	0.12041E+00	0.00000E+00
48	-0.11505E+00	0.31815E-02	0.12045E+00	0.00000E+00
49	-0.99335E-01	0.29637E-02	0.10143E+00	0.00000E+00
50	-0.11513E+00	0.31794E-02	0.12089E+00	0.00000E+00
51	-0.95734E-01	0.37014E-02	0.96228E-01	0.00000E+00
52	-0.11322E+00	0.26459E-02	0.11190E+00	0.00000E+00
53	-0.11500E+00	0.31737E-02	0.12028E+00	0.00000E+00
54	-0.81089E-01	0.33154E-02	0.75127E-01	0.00000E+00
55	-0.97267E-01	0.35245E-02	0.90685E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.35441E-01	0.16548E-02	0.29433E-01	0.00000E+00
58	-0.68826E-01	0.30271E-02	0.58163E-01	0.00000E+00
59	-0.11035E+00	0.32909E-02	0.10393E+00	0.00000E+00
60	-0.11240E+00	0.23374E-02	0.10931E+00	0.00000E+00
61	-0.11515E+00	0.31731E-02	0.12114E+00	0.00000E+00
62	-0.73376E-01	0.37950E-02	0.66840E-01	0.00000E+00
63	-0.93565E-01	0.42295E-02	0.79738E-01	0.00000E+00
64	-0.11393E+00	0.26835E-02	0.11286E+00	0.00000E+00
65	-0.11517E+00	0.31658E-02	0.12140E+00	0.00000E+00
66	-0.11534E+00	0.31553E-02	0.12190E+00	0.00000E+00
67	-0.11551E+00	0.31468E-02	0.12242E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.34521E-01	0.17010E-02	0.23850E-01	0.00000E+00
70	-0.66329E-01	0.34969E-02	0.50580E-01	0.00000E+00
71	-0.10677E+00	0.46255E-02	0.91610E-01	0.00000E+00
72	-0.11444E+00	0.25943E-02	0.11159E+00	0.00000E+00
73	-0.89604E-01	0.46666E-02	0.69156E-01	0.00000E+00
74	-0.11809E+00	0.26441E-02	0.11542E+00	0.00000E+00
75	-0.11566E+00	0.31444E-02	0.12291E+00	0.00000E+00
76	-0.11659E+00	0.31478E-02	0.12381E+00	0.00000E+00
77	-0.10150E+00	0.46055E-02	0.78552E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.33827E-01	0.18476E-02	0.22660E-01	0.00000E+00
80	-0.63639E-01	0.36323E-02	0.43053E-01	0.00000E+00
81	-0.71831E-01	0.44977E-02	0.48903E-01	0.00000E+00
82	-0.84123E-01	0.46473E-02	0.57509E-01	0.00000E+00
83	-0.11836E+00	0.45121E-02	0.10276E+00	0.00000E+00
84	-0.10706E+00	0.41305E-02	0.76767E-01	0.00000E+00
85	-0.11856E+00	0.31510E-02	0.12500E+00	0.00000E+00
86	-0.12229E+00	0.30152E-02	0.11994E+00	0.00000E+00
87	-0.95091E-01	0.46612E-02	0.65541E-01	0.00000E+00
88	-0.12139E+00	0.36637E-02	0.11178E+00	0.00000E+00
89	-0.12035E+00	0.31525E-02	0.12616E+00	0.00000E+00
90	-0.73432E-01	0.27469E-02	0.38241E-01	0.00000E+00
91	-0.79481E-01	0.23076E-02	0.40801E-01	0.00000E+00
92	-0.83348E-01	0.13360E-02	0.42467E-01	0.00000E+00
93	-0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.28164E-01	0.00000E+00	0.90232E-02	0.00000E+00
95	-0.51780E-01	0.00000E+00	0.16943E-01	0.00000E+00
96	-0.57341E-01	0.00000E+00	0.18845E-01	0.00000E+00
97	-0.64123E-01	0.00000E+00	0.21574E-01	0.00000E+00
98	-0.66726E-01	0.00000E+00	0.22632E-01	0.00000E+00
99	-0.72324E-01	0.14841E-02	0.31790E-01	0.00000E+00
100	-0.89205E-01	0.21144E-02	0.48806E-01	0.00000E+00
101	-0.11610E+00	0.27777E-02	0.82673E-01	0.00000E+00
102	-0.12502E+00	0.32004E-02	0.12786E+00	0.00000E+00
103	-0.12503E+00	0.42413E-02	0.10875E+00	0.00000E+00
104	-0.12934E+00	0.34153E-02	0.12579E+00	0.00000E+00
105	-0.12900E+00	0.32323E-02	0.12946E+00	0.00000E+00
106	-0.12939E+00	0.38095E-02	0.11299E+00	0.00000E+00
107	-0.13479E+00	0.34923E-02	0.13026E+00	0.00000E+00
108	-0.13239E+00	0.32892E-02	0.13095E+00	0.00000E+00
109	-0.13518E+00	0.33443E-02	0.13229E+00	0.00000E+00
110	-0.13497E+00	0.28413E-02	0.11790E+00	0.00000E+00
111	-0.13879E+00	0.33268E-02	0.13368E+00	0.00000E+00
112	-0.13751E+00	0.34101E-02	0.13348E+00	0.00000E+00
113	-0.13724E+00	0.30411E-02	0.12257E+00	0.00000E+00
114	-0.13925E+00	0.34793E-02	0.13449E+00	0.00000E+00
115	-0.14052E+00	0.35489E-02	0.13533E+00	0.00000E+00
116	-0.14118E+00	0.36070E-02	0.13595E+00	0.00000E+00

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117	-0.14054E+00	0.32737E-02	0.13551E+00	0.00000E+00
118	-0.14122E+00	0.36325E-02	0.13619E+00	0.00000E+00
119	-0.14126E+00	0.36779E-02	0.13649E+00	0.00000E+00
120	-0.14153E+00	0.32195E-02	0.13703E+00	0.00000E+00
121	-0.14124E+00	0.37357E-02	0.13679E+00	0.00000E+00
122	-0.14124E+00	0.37801E-02	0.13690E+00	-0.10721E-04
123	-0.14121E+00	0.38742E-02	0.13700E+00	-0.19184E-04
124	-0.14115E+00	0.40242E-02	0.13710E+00	-0.29159E-04
125	-0.14106E+00	0.42426E-02	0.13720E+00	-0.41581E-04
126	-0.14083E+00	0.47594E-02	0.13738E+00	-0.58331E-04
127	-0.14054E+00	0.53888E-02	0.13755E+00	-0.64715E-04
128	-0.13994E+00	0.67699E-02	0.13790E+00	-0.55946E-04
129	-0.13953E+00	0.77910E-02	0.13823E+00	-0.35258E-04
130	-0.13933E+00	0.83553E-02	0.13859E+00	-0.86688E-05
131	-0.13953E+00	0.79049E-02	0.13914E+00	0.24176E-04
132	-0.14000E+00	0.64914E-02	0.13964E+00	0.35837E-04
133	-0.14044E+00	0.49390E-02	0.14008E+00	0.32044E-04
134	-0.14072E+00	0.37382E-02	0.14044E+00	0.23423E-04
135	-0.14089E+00	0.28413E-02	0.14073E+00	0.19421E-04
136	-0.14101E+00	0.19609E-02	0.14094E+00	0.20680E-04
137	-0.14109E+00	0.10837E-02	0.14107E+00	0.20273E-04
138	-0.14114E+00	0.16337E-03	0.14114E+00	0.21013E-04
139	-0.14114E+00	0.20114E-04	0.14114E+00	0.20150E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3100E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.10818E+00	0.51595E-01	0.10340E+00	-0.45541E+01	-0.42129E-01	0.45765E+01
2	0.18023E+00	0.37922E-01	0.15054E+00	-0.42225E+01	-0.68154E-01	0.42277E+01
3	0.18442E+00	0.31333E-01	0.10889E+00	-0.35969E+01	-0.40165E-01	0.36145E+01
4	-0.14153E+00	0.70906E-02	-0.10973E+00	-0.30053E+01	0.71709E-01	0.30782E+01
5	0.82810E-01	0.39893E-01	0.60774E-01	-0.30294E+01	0.98582E-02	0.30814E+01
6	-0.11224E+00	0.76190E-01	0.26586E-01	-0.30752E+01	0.59035E-01	0.31316E+01
7	-0.14191E+00	-0.49052E-02	-0.24164E-01	-0.22984E+01	0.49152E-01	0.23050E+01
8	-0.28356E+00	0.25225E-02	-0.54948E-01	-0.22907E+01	0.10753E+00	0.23597E+01
9	0.93304E-01	0.23108E-01	0.70447E-01	-0.44828E+01	-0.54728E-02	0.45323E+01
10	0.96362E-01	-0.32121E-01	0.93703E-01	-0.42021E+01	0.84666E-02	0.42656E+01
11	-0.41197E-01	-0.59089E-01	0.13498E+00	-0.36766E+01	0.10301E+00	0.37682E+01
12	-0.48181E+00	-0.14799E+00	-0.16430E+00	-0.30875E+01	0.22309E+00	0.31180E+01
13	-0.12541E+00	-0.61421E-01	0.45069E-01	-0.31479E+01	0.83790E-01	0.32596E+01
14	-0.37323E+00	0.21900E-01	0.15906E-01	-0.32057E+01	0.18317E+00	0.33797E+01
15	-0.54863E+00	-0.38775E-01	-0.12038E+00	-0.23980E+01	0.24105E+00	0.24430E+01
16	-0.70076E+00	-0.46585E-01	-0.12604E+00	-0.24837E+01	0.28272E+00	0.25892E+01
17	0.23429E+00	0.29151E+00	0.22940E+00	-0.44140E+01	-0.30305E-01	0.44912E+01
18	0.20884E+00	0.22314E+00	0.23057E+00	-0.41683E+01	-0.57795E-01	0.42983E+01
19	-0.30409E-02	0.12496E+00	0.19551E+00	-0.36730E+01	-0.48484E-01	0.39676E+01
20	-0.58110E+00	-0.10050E+00	-0.32231E-01	-0.31710E+01	0.28255E+00	0.33615E+01
21	-0.41384E-01	0.59602E-01	0.16096E+00	-0.32877E+01	-0.76236E-02	0.37068E+01
22	-0.47674E+00	0.11025E+00	0.36544E-01	-0.33876E+01	0.18978E+00	0.39415E+01
23	-0.84381E+00	0.64000E-01	-0.33050E-01	-0.26547E+01	0.40146E+00	0.28563E+01
24	-0.16705E+01	-0.27415E+00	-0.49785E+00	-0.27654E+01	0.66130E+00	0.29962E+01
25	-0.72680E+00	0.29587E+00	0.11184E+00	-0.29134E+01	0.36687E+00	0.33685E+01
26	-0.17374E+01	-0.16233E-01	-0.38593E+00	-0.23803E+01	0.79634E+00	0.36917E+01
27	0.36489E+00	0.56988E+00	0.37414E+00	-0.43977E+01	-0.55724E-01	0.44198E+01
28	0.31985E+00	0.52966E+00	0.35090E+00	-0.41553E+01	-0.15062E+00	0.42792E+01
29	0.12283E+00	0.42128E+00	0.22302E+00	-0.36349E+01	-0.41754E+00	0.40542E+01
30	-0.19195E+00	0.29911E+00	0.22190E+00	-0.34828E+01	0.54663E-01	0.39283E+01
31	0.28133E+00	0.42427E+00	0.38709E+00	-0.34175E+01	-0.28861E+00	0.40737E+01
32	-0.93180E-01	0.30900E+00	0.21948E+00	-0.33528E+01	-0.14355E+00	0.41200E+01
33	-0.15037E+01	0.40290E-01	-0.28617E+00	-0.34416E+01	0.52584E+00	0.33744E+01
34	-0.37668E+01	-0.15623E+01	-0.18028E+01	-0.36696E+01	0.10735E+01	0.41742E+01
35	-0.43132E-01	0.92272E+00	0.68602E+00	-0.37093E+01	0.35352E+00	0.41754E+01
36	0.38450E+00	0.93331E+00	0.78937E+00	-0.33833E+01	-0.18965E+00	0.42960E+01
37	-0.63362E+00	0.46115E-01	0.90354E-01	-0.37624E+01	0.37898E+00	0.44084E+01
38	0.53842E+00	0.81445E+00	0.49715E+00	-0.44056E+01	-0.83855E-01	0.42158E+01
39	0.55053E+00	0.80423E+00	0.42050E+00	-0.41999E+01	-0.26349E+00	0.40667E+01
40	0.29153E+00	0.56329E+00	0.14876E+00	-0.37614E+01	-0.85557E+00	0.40044E+01
41	0.56826E+00	0.11041E+01	0.20994E+00	-0.39389E+01	-0.71690E+00	0.39195E+01
42	0.94212E+00	0.73557E+00	0.53178E-01	-0.37990E+01	-0.94708E+00	0.35308E+01
43	0.56363E+00	0.82701E+00	0.58651E+00	-0.35266E+01	-0.50367E+00	0.41428E+01
44	0.89724E+00	0.85355E+00	0.62450E+00	-0.34793E+01	-0.91957E+00	0.36249E+01
45	0.14509E+01	0.11400E+01	0.78687E+00	-0.36427E+01	-0.82877E+00	0.36277E+01
46	0.70411E+00	0.47404E+00	0.16384E+00	-0.35025E+01	-0.55215E+00	0.32989E+01
47	-0.66716E-01	0.35609E+00	0.40147E+00	-0.35950E+01	-0.12127E+00	0.44522E+01
48	0.94498E+00	0.95762E+00	0.10821E+01	-0.37814E+01	-0.26286E+00	0.44845E+01
49	0.84467E+00	0.68825E+00	0.79671E+00	-0.37106E+01	-0.75065E+00	0.47187E+01
50	0.33607E+01	0.14938E+01	0.19747E+01	-0.32310E+01	-0.21853E+01	0.33197E+01
51	0.84978E+00	0.74860E+00	0.10529E+01	-0.15760E+00	-0.29586E+00	0.86555E+00
52	0.75837E+00	-0.25743E+00	0.47128E+00	0.64589E+00	-0.11999E+01	-0.34903E+01
53	0.11663E+01	0.22916E+00	0.27754E+00	-0.29266E+01	-0.95577E+00	0.29654E+01
54	0.75825E+00	0.10834E+01	0.63982E+00	-0.43636E+01	-0.10227E+00	0.38137E+01

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5622

55	0.86432E+00	0.10214E+01	0.43236E+00	-0.41396E+01	-0.29731E+00	0.36781E+01
56	0.99378E+00	0.84129E+00	-0.13592E+00	-0.36967E+01	-0.85881E+00	0.33126E+01
57	0.11156E+01	0.74233E+00	0.25231E+00	-0.32927E+01	-0.65817E+00	0.30149E+01
58	0.11987E+01	0.60224E+00	0.18372E+00	-0.27594E+01	-0.81655E+00	0.26495E+01
59	0.70374E+00	0.11082E+01	0.65110E+00	-0.43316E+01	0.26316E-01	0.35902E+01
60	0.99361E+00	0.12745E+01	0.73736E+00	-0.42158E+01	-0.20208E+00	0.31456E+01
61	0.34186E+00	0.11560E+01	0.59279E+00	-0.42085E+01	-0.16027E+00	0.31463E+01
62	0.74532E+00	0.11970E+01	0.66635E+00	-0.41345E+01	0.39487E-01	0.27630E+01
63	0.10017E+01	0.11384E+01	0.48901E+00	-0.39652E+01	-0.27835E+00	0.32354E+01
64	0.10091E+01	0.11986E+01	0.45565E+00	-0.37553E+01	-0.24033E+00	0.27284E+01
65	0.11988E+01	0.10295E+01	-0.20737E+00	-0.36159E+01	-0.77539E+00	0.30910E+01
66	0.15567E+01	0.10070E+01	-0.26387E+00	-0.32664E+01	-0.91808E+00	0.25814E+01
67	0.12278E+01	0.10732E+01	-0.40024E+00	-0.30021E+01	-0.68451E+00	0.20629E+01
68	0.14771E+01	0.97873E+00	0.31072E+00	-0.31449E+01	-0.67897E+00	0.27290E+01
69	0.12433E+01	0.86245E+00	0.12385E+00	-0.30518E+01	-0.52068E+00	0.23808E+01
70	0.18056E+01	0.92343E+00	0.27308E+00	-0.26542E+01	-0.71491E+00	0.18070E+01
71	0.14515E+01	0.72468E+00	0.10614E+00	-0.27013E+01	-0.75230E+00	0.22378E+01
72	0.17928E+01	0.75174E+00	0.12233E+00	-0.24757E+01	-0.74785E+00	0.18304E+01
73	0.52276E+00	0.64475E+00	0.29875E+00	-0.38053E+01	-0.64911E-01	0.19325E+01
74	0.72013E+00	0.61700E+00	0.58914E-01	-0.33152E+01	-0.19436E+00	0.17194E+01
75	0.12366E+01	0.58594E+00	-0.65843E+00	-0.26796E+01	-0.56619E+00	0.13890E+01
76	0.16714E+01	0.80965E+00	0.12579E+00	-0.27349E+01	-0.52544E+00	0.18213E+01
77	0.11138E+01	0.69959E+00	-0.12024E+00	-0.20087E+01	-0.34924E+00	0.92358E+00
78	0.11509E+01	0.34409E+00	-0.29067E+00	-0.15884E+01	-0.40489E+00	0.58361E+00
79	0.18084E+01	0.63052E+00	0.45364E-01	-0.19356E+01	-0.61186E+00	0.11096E+01
80	0.22123E+01	0.69671E+00	0.19547E+00	-0.13368E+01	-0.48861E+00	0.53479E+00
81	0.11036E+01	0.30663E+00	-0.37154E+00	-0.82296E+00	-0.38812E+00	0.28027E+00
82	0.13866E+01	0.47466E+00	-0.19996E+00	-0.68497E+00	-0.40858E+00	0.22545E+00
83	0.19999E+01	0.41247E+00	-0.51342E-01	-0.11504E+01	-0.47142E+00	0.44594E+00
84	0.22153E+01	0.53625E+00	0.50918E-01	-0.13136E+01	-0.71037E+00	0.49454E+00
85	0.26414E+01	0.68831E+00	0.27297E+00	-0.17679E+01	-0.88385E+00	0.11474E+01
86	0.25083E+01	0.52937E+00	0.98707E-01	-0.13148E+01	-0.86326E+00	0.76524E+00
87	0.15365E+01	0.22923E+00	-0.27882E+00	-0.18619E+01	-0.77583E+00	0.12336E+01
88	0.17711E+01	0.61153E+00	0.90793E-01	-0.20368E+01	-0.95222E+00	0.17415E+01
89	0.20168E+01	0.68700E+00	0.21418E+00	-0.18254E+01	-0.10506E+01	0.15585E+01
90	0.20352E+01	0.26093E+00	-0.10050E+00	-0.12650E+01	-0.11555E+01	0.74908E+00
91	0.23883E+01	0.76329E+00	0.33856E+00	-0.12344E+01	-0.12575E+01	0.10947E+01
92	0.22322E+01	0.53711E+00	0.17463E+00	-0.93084E+00	-0.12535E+01	0.72405E+00
93	0.13625E+01	-0.88674E-01	0.25892E+00	-0.21111E+01	-0.11278E+01	0.23993E+01
94	0.14464E+01	0.63733E+00	0.45145E+00	-0.21438E+01	-0.98882E+00	0.23523E+01
95	0.88050E+00	0.95171E+00	0.44331E+00	-0.16192E+01	-0.94896E+00	0.17694E+01
96	0.12551E+01	0.58936E+00	0.18486E+00	-0.21701E+01	-0.91784E+00	0.20248E+01
97	0.68610E+00	0.67246E+00	0.23656E+00	-0.18264E+01	-0.94279E+00	0.15138E+01
98	0.10370E+01	0.57997E+00	0.12326E+00	-0.15334E+01	-0.88060E+00	0.14813E+01
99	0.96325E+00	0.78605E-01	-0.25326E+00	-0.17021E+01	-0.85954E+00	0.15511E+01
100	0.85765E+00	0.15317E+00	-0.13844E+00	-0.12929E+01	-0.88085E+00	0.11082E+01
101	0.11560E+01	0.38927E+00	0.13107E+00	-0.10620E+01	-0.90788E+00	0.95439E+00
102	0.10567E+01	0.73429E-01	-0.21600E+00	-0.93620E+00	-0.90766E+00	0.79677E+00
103	0.79810E+00	0.25866E+00	-0.50798E-01	-0.49238E+00	-0.83223E+00	0.43149E+00
104	0.82187E+00	0.28601E+00	-0.18731E-01	-0.24831E+00	-0.83637E+00	0.28695E+00
105	0.15386E+01	0.50301E+00	0.68325E+00	-0.18903E+01	-0.14778E+01	0.22419E+01
106	0.22286E+01	0.15129E+01	0.17456E+01	-0.18869E+00	-0.16460E+01	0.10386E+01
107	0.18122E+01	0.13261E+01	0.14268E+01	-0.10474E+01	-0.15683E+01	0.15983E+01
108	0.14231E+01	0.12044E+01	0.12040E+01	-0.10838E+01	-0.14903E+01	0.16087E+01
109	0.10147E+01	0.73390E+00	0.94929E+00	-0.44976E+00	-0.14865E+01	0.10460E+01
110	-0.17255E-01	0.11113E+00	0.18531E+00	-0.14684E+01	-0.13471E+01	0.16492E+01
111	-0.80811E+00	-0.39426E+00	-0.20337E+00	-0.10791E+01	-0.12350E+01	0.89986E+00
112	-0.83986E+00	-0.42828E+00	-0.24873E+00	-0.16654E+01	-0.12282E+01	0.89139E+00
113	-0.67679E+00	0.66272E-01	-0.21279E+00	-0.17464E+01	-0.10023E+01	0.17656E+01
114	-0.12062E+01	-0.66155E+00	-0.51391E+00	-0.14711E+01	-0.92610E+00	0.86732E+00

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000252

115	-0.12523E+01	-0.71561E+00	-0.65057E+00	-0.25523E+01	-0.89586E+00	0.84159E+00
116	-0.30665E+00	0.12457E+00	-0.14043E+00	-0.19081E+01	-0.65247E+00	0.15089E+01
117	-0.21744E+00	-0.90032E-01	-0.12864E+00	-0.21286E+01	-0.49463E+00	0.78249E+00
118	-0.30730E+00	-0.15287E+00	-0.29047E+00	-0.18121E+01	-0.45865E+00	0.72234E+00
119	0.43372E-01	-0.19591E-02	-0.19433E+00	-0.14548E+01	-0.32038E+00	0.11295E+01
120	0.14034E+00	0.93646E-01	-0.11512E+00	-0.14956E+01	-0.19991E+00	0.64010E+00
121	0.76429E-01	0.41334E-01	-0.22258E+00	-0.12389E+01	-0.17814E+00	0.56006E+00
122	-0.27452E-01	-0.31201E+00	-0.43873E+00	-0.10820E+01	-0.96465E-01	0.84442E+00
123	0.57338E-01	0.75083E-02	-0.30112E+00	-0.96245E+00	0.67214E-02	0.46122E+00
124	0.18956E-01	-0.30513E-01	-0.35906E+00	-0.71065E+00	0.16497E-01	0.36772E+00
125	0.15523E+00	-0.10619E+00	-0.32003E+00	-0.50805E+00	0.21834E-01	0.41690E+00
126	0.12881E+00	0.17631E-01	-0.30506E+00	-0.40245E+00	0.71084E-01	0.24686E+00
127	0.11843E+00	-0.56057E-03	-0.31278E+00	-0.92095E-01	0.69751E-01	0.17596E+00
128	-0.23444E+00	-0.30228E+00	-0.54557E+00	-0.20613E+00	0.90431E-01	0.20764E+00
129	-0.57120E+00	-0.43022E+00	-0.72349E+00	-0.61044E-01	0.14797E+00	0.71531E-01
183	0.19282E+01	0.45253E+00	0.80406E+00	-0.30201E+01	-0.15498E+01	0.33259E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3100E+01

FL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.15110E+00	0.10073E+01	-0.85622E+00	-0.57432E+02	0.71120E+01	0.24855E+02
131	-0.92122E-01	-0.61414E+00	0.52202E+00	-0.13468E+03	0.67526E+01	0.69334E+02
132	-0.48017E-01	-0.32011E+00	0.27210E+00	-0.22200E+03	0.11537E+02	0.11803E+03
133	-0.92684E-01	-0.61789E+00	0.52521E+00	-0.31668E+03	0.17804E+02	0.17149E+03
134	-0.17843E+00	-0.11896E+01	0.10111E+01	-0.42104E+03	0.25943E+02	0.23487E+03
135	-0.13066E+00	-0.87106E+00	0.74040E+00	-0.49163E+03	0.35471E+02	0.29075E+03
136	-0.21586E+00	-0.14392E+01	0.12233E+01	-0.55562E+03	0.38376E+02	0.32918E+03
137	-0.32911E+00	-0.21940E+01	0.18649E+01	-0.56843E+03	0.46022E+02	0.34679E+03
138	0.53516E+00	0.35679E+01	-0.25396E+01	-0.57947E+03	0.12022E+03	0.37315E+03
139	0.11468E+01	0.76454E+01	-0.48625E+01	-0.57224E+03	0.26751E+03	0.39281E+03
140	0.92513E+00	0.61675E+01	-0.52424E+01	-0.70288E+03	0.32574E+03	0.44280E+03
141	0.83611E+00	0.55740E+01	-0.47379E+01	-0.70358E+03	0.33259E+03	0.46951E+03
142	0.98719E+00	0.65813E+01	-0.55941E+01	-0.72682E+03	0.33418E+03	0.49643E+03
143	0.99559E+00	0.66373E+01	-0.56417E+01	0.21236E+03	0.47364E+03	-0.38958E+03
144	0.11026E+01	0.73508E+01	-0.62481E+01	0.21625E+03	0.46296E+03	-0.36584E+03
145	0.86852E+00	0.57901E+01	-0.78582E+01	0.44938E+02	0.37060E+03	-0.91309E+03
146	0.36619E+00	0.24413E+01	-0.54280E+01	-0.67813E+01	0.28155E+03	-0.80071E+03
147	0.38074E+00	0.25383E+01	-0.53624E+01	-0.46734E+01	0.29309E+03	-0.78730E+03
148	0.39845E+00	0.26563E+01	0.80704E-01	0.15831E+01	0.30769E+03	-0.78961E+03
149	0.41968E+00	0.27979E+01	0.36037E-02	0.15930E+02	0.32623E+03	-0.80555E+03
150	0.49003E+00	0.32669E+01	-0.78838E+00	0.44196E+02	0.35912E+03	-0.78215E+03
151	0.59871E+00	0.39914E+01	0.17948E+02	0.69569E+02	0.41287E+03	-0.80113E+03
152	0.56522E+00	0.37681E+01	0.33364E+02	0.63710E+02	0.38948E+03	-0.79348E+03
153	0.50735E+00	0.33823E+01	0.29725E+02	0.72129E+02	0.35185E+03	-0.77456E+03
154	0.35844E+00	0.23896E+01	0.58239E+02	0.80484E+02	0.25301E+03	-0.75118E+03
155	0.13685E+00	0.91230E+00	0.48805E+02	0.50708E+02	0.99590E+02	-0.70072E+03
156	-0.40321E-01	-0.26881E+00	0.41035E+02	0.61048E+02	-0.17945E+02	-0.64665E+03
157	-0.17946E+00	-0.11964E+01	0.33338E+02	0.44668E+02	-0.11393E+03	-0.57227E+03
158	-0.28666E+00	-0.19112E+01	0.27307E+02	0.45885E+02	-0.18581E+03	-0.49971E+03
159	-0.36365E+00	-0.24244E+01	0.19874E+02	0.41898E+02	-0.23815E+03	-0.40892E+03
160	-0.41179E+00	-0.27453E+01	0.14090E+02	0.37314E+02	-0.27120E+03	-0.32416E+03
161	-0.47611E+00	-0.31741E+01	0.70972E+01	0.22904E+02	-0.29628E+03	-0.22158E+03
162	-0.47747E+00	-0.31832E+01	-0.12103E+01	0.14344E+02	-0.27993E+03	-0.14840E+03
163	-0.52612E+00	-0.35075E+01	-0.14804E+01	0.23508E+02	-0.30729E+03	-0.99151E+02
164	-0.49496E+00	-0.32997E+01	-0.21215E+01	0.30694E+02	-0.28780E+03	-0.62829E+02

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165	-0.23058E+03	-0.30942E+02	-0.37259E+01	-0.33507E+01	-0.28172E+03	-0.47280E+02
166	-0.17875E+03	-0.21677E+02	-0.53919E+01	-0.11775E+00	-0.26011E+03	-0.43564E+02
167	-0.13696E+03	-0.15469E+02	-0.51437E+01	0.16150E+01	-0.22067E+03	-0.40545E+02
168	-0.10072E+03	-0.10866E+02	-0.43313E+01	0.33453E+01	-0.19089E+03	-0.38048E+02
169	-0.60758E+02	-0.45698E+01	-0.45796E+01	0.48578E+01	-0.15438E+03	-0.35524E+02
170	-0.22545E+02	0.23233E+01	-0.56717E+01	0.65093E+01	-0.13844E+03	-0.32241E+02
171	0.15774E+02	0.87153E+01	-0.61590E+01	0.86377E+01	-0.11090E+03	-0.27921E+02
172	0.36140E+02	0.11074E+02	-0.53665E+01	0.10585E+02	-0.76019E+02	-0.23172E+02
173	0.33790E+02	0.85199E+01	-0.31989E+01	0.11374E+02	-0.45265E+02	-0.19673E+02
174	0.20658E+02	0.40516E+01	-0.82930E+00	0.10889E+02	-0.23276E+02	-0.16852E+02
175	0.47737E+01	0.18867E+00	0.50514E+00	0.89479E+01	-0.15527E+02	-0.15020E+02
176	-0.11675E+01	-0.81403E+00	0.58249E+00	0.71423E+01	-0.16807E+02	-0.13667E+02
177	-0.20158E+01	-0.60367E+00	0.26875E+00	0.53184E+01	-0.17361E+02	-0.11101E+02
178	-0.66967E+00	-0.91578E-01	-0.80847E-02	0.37429E+01	-0.12852E+02	-0.80055E+01
179	0.21674E+00	0.61422E-01	-0.25073E-01	0.28812E+01	-0.92226E+01	-0.56944E+01
180	-0.50292E-01	0.17872E-01	-0.22407E-01	0.20060E+01	-0.54954E+01	-0.34673E+01
181	0.82025E-01	0.82209E-01	-0.60154E-01	0.13140E+01	-0.25328E+01	-0.12506E+01
182	-0.38125E+00	-0.17706E+00	0.10423E+00	0.35773E+00	0.52221E+00	-0.50406E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.45673E-01	0.39158E-05	-0.46194E-01	0.00000E+00
3	0.87867E-01	0.23989E-03	-0.87914E-01	0.00000E+00
4	0.99431E-01	0.24019E-03	-0.99125E-01	0.00000E+00
5	0.11585E+00	0.75809E-05	-0.11585E+00	0.00000E+00
6	0.12791E+00	0.50963E-05	-0.12791E+00	0.00000E+00
7	0.11611E+00	0.65279E-03	-0.11624E+00	0.00000E+00
8	0.12829E+00	0.46226E-03	-0.12841E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.45249E-01	0.27169E-03	-0.45339E-01	0.00000E+00
11	0.87210E-01	0.77087E-03	-0.87500E-01	0.00000E+00
12	0.99174E-01	0.94011E-03	-0.99495E-01	0.00000E+00
13	0.11647E+00	0.77077E-03	-0.11681E+00	0.00000E+00
14	0.12918E+00	0.49295E-03	-0.12973E+00	0.00000E+00
15	0.11733E+00	0.10378E-02	-0.11868E+00	0.00000E+00
16	0.13064E+00	0.52571E-03	-0.13196E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.44574E-01	0.16313E-03	-0.45592E-01	0.00000E+00
19	0.86980E-01	0.68073E-03	-0.88711E-01	0.00000E+00
20	0.99705E-01	0.87328E-03	-0.10149E+00	0.00000E+00
21	0.11825E+00	0.64553E-03	-0.12047E+00	0.00000E+00
22	0.13274E+00	0.18443E-03	-0.13518E+00	0.00000E+00
23	0.11947E+00	0.16293E-03	-0.12305E+00	0.00000E+00
24	0.13553E+00	-0.86330E-03	-0.13958E+00	0.00000E+00
25	0.13717E+00	-0.12542E-02	-0.14229E+00	0.00000E+00
26	0.13815E+00	-0.17056E-02	-0.14390E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.44126E-01	-0.63910E-03	-0.44964E-01	0.00000E+00
29	0.86697E-01	-0.93181E-03	-0.88506E-01	0.00000E+00
30	0.10009E+00	-0.95544E-03	-0.10242E+00	0.00000E+00
31	0.12062E+00	-0.11838E-02	-0.12501E+00	0.00000E+00
32	0.13915E+00	-0.24415E-02	-0.14560E+00	0.00000E+00
33	0.12086E+00	-0.14369E-02	-0.12533E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.44101E-01	-0.95869E-03	-0.44393E-01	0.00000E+00
36	0.86634E-01	-0.17564E-02	-0.87586E-01	0.00000E+00
37	0.99998E-01	-0.20360E-02	-0.10133E+00	0.00000E+00
38	0.12102E+00	-0.21773E-02	-0.12515E+00	0.00000E+00
39	0.14040E+00	-0.23394E-02	-0.14809E+00	0.00000E+00
40	0.14015E+00	-0.23322E-02	-0.14754E+00	0.00000E+00
41	0.13989E+00	-0.23275E-02	-0.14702E+00	0.00000E+00
42	0.13961E+00	-0.23242E-02	-0.14643E+00	0.00000E+00
43	0.99575E-01	-0.31742E-02	-0.97286E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.43605E-01	-0.14696E-02	-0.40720E-01	0.00000E+00
46	0.85479E-01	-0.28205E-02	-0.79965E-01	0.00000E+00
47	0.14047E+00	-0.23396E-02	-0.14823E+00	0.00000E+00
48	0.14048E+00	-0.23396E-02	-0.14827E+00	0.00000E+00
49	0.12102E+00	-0.23936E-02	-0.12489E+00	0.00000E+00
50	0.14057E+00	-0.23293E-02	-0.14880E+00	0.00000E+00
51	0.12000E+00	-0.33018E-02	-0.11841E+00	0.00000E+00
52	0.13792E+00	-0.15984E-02	-0.13777E+00	0.00000E+00
53	0.14041E+00	-0.23313E-02	-0.14811E+00	0.00000E+00
54	0.98027E-01	-0.31005E-02	-0.92119E-01	0.00000E+00
55	0.11784E+00	-0.29476E-02	-0.11132E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.42240E-01	-0.17922E-02	-0.35453E-01	0.00000E+00
58	0.82276E-01	-0.27841E-02	-0.70281E-01	0.00000E+00
59	0.13389E+00	-0.21950E-02	-0.12759E+00	0.00000E+00
60	0.13679E+00	-0.18119E-02	-0.13456E+00	0.00000E+00
61	0.14060E+00	-0.23157E-02	-0.14912E+00	0.00000E+00
62	0.94380E-01	-0.33437E-02	-0.80798E-01	0.00000E+00
63	0.11217E+00	-0.33422E-02	-0.96549E-01	0.00000E+00
64	0.13681E+00	-0.15829E-02	-0.13895E+00	0.00000E+00
65	0.14063E+00	-0.23028E-02	-0.14942E+00	0.00000E+00
66	0.14033E+00	-0.22778E-02	-0.15004E+00	0.00000E+00
67	0.14105E+00	-0.22549E-02	-0.15067E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.40543E-01	-0.16975E-02	-0.30115E-01	0.00000E+00
70	0.78049E-01	-0.34049E-02	-0.59033E-01	0.00000E+00
71	0.12533E+00	-0.32587E-02	-0.11124E+00	0.00000E+00
72	0.13932E+00	-0.14237E-02	-0.13739E+00	0.00000E+00
73	0.10595E+00	-0.40141E-02	-0.81054E-01	0.00000E+00
74	0.14394E+00	-0.13206E-02	-0.14216E+00	0.00000E+00
75	0.14122E+00	-0.22419E-02	-0.15126E+00	0.00000E+00
76	0.14236E+00	-0.22244E-02	-0.15234E+00	0.00000E+00
77	0.12050E+00	-0.34432E-02	-0.92377E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.39083E-01	-0.19540E-02	-0.25245E-01	0.00000E+00
80	0.73626E-01	-0.36013E-02	-0.47900E-01	0.00000E+00
81	0.83291E-01	-0.43846E-02	-0.54414E-01	0.00000E+00
82	0.97982E-01	-0.42003E-02	-0.64327E-01	0.00000E+00
83	0.14264E+00	-0.24936E-02	-0.12510E+00	0.00000E+00
84	0.12667E+00	-0.26080E-02	-0.88054E-01	0.00000E+00
85	0.14476E+00	-0.21995E-02	-0.15378E+00	0.00000E+00
86	0.14393E+00	-0.15800E-02	-0.14767E+00	0.00000E+00
87	0.11124E+00	-0.38339E-02	-0.73761E-01	0.00000E+00
88	0.14719E+00	-0.19283E-02	-0.13701E+00	0.00000E+00
89	0.14693E+00	-0.21845E-02	-0.15518E+00	0.00000E+00
90	0.82976E-01	-0.26246E-02	-0.37948E-01	0.00000E+00
91	0.90244E-01	-0.19475E-02	-0.40295E-01	0.00000E+00
92	0.95099E-01	-0.12689E-02	-0.42098E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.30540E-01	0.00000E+00	-0.61667E-02	0.00000E+00
95	0.56462E-01	0.00000E+00	-0.11853E-01	0.00000E+00
96	0.62688E-01	0.00000E+00	-0.13247E-01	0.00000E+00
97	0.70630E-01	0.00000E+00	-0.15840E-01	0.00000E+00
98	0.73854E-01	0.00000E+00	-0.16965E-01	0.00000E+00
99	0.80957E-01	-0.13456E-02	-0.28773E-01	0.00000E+00
100	0.10264E+00	-0.13082E-02	-0.50233E-01	0.00000E+00
101	0.13853E+00	-0.50712E-03	-0.95522E-01	0.00000E+00
102	0.15264E+00	-0.21880E-02	-0.15722E+00	0.00000E+00
103	0.15096E+00	-0.17742E-02	-0.13256E+00	0.00000E+00
104	0.15757E+00	-0.17852E-02	-0.15486E+00	0.00000E+00
105	0.15746E+00	-0.21867E-02	-0.15912E+00	0.00000E+00
106	0.15651E+00	-0.96110E-03	-0.13783E+00	0.00000E+00
107	0.16419E+00	-0.16107E-02	-0.16028E+00	0.00000E+00
108	0.16159E+00	-0.22172E-02	-0.15089E+00	0.00000E+00
109	0.16497E+00	-0.22477E-02	-0.16247E+00	0.00000E+00
110	0.16375E+00	0.62121E-03	-0.14398E+00	0.00000E+00
111	0.16910E+00	-0.11677E-02	-0.16440E+00	0.00000E+00
112	0.16778E+00	-0.22933E-02	-0.16396E+00	0.00000E+00
113	0.16660E+00	0.22716E-03	-0.14993E+00	0.00000E+00
114	0.16985E+00	-0.23484E-02	-0.16501E+00	0.00000E+00
115	0.17136E+00	-0.24065E-02	-0.16596E+00	0.00000E+00
116	0.17211E+00	-0.24548E-02	-0.16662E+00	0.00000E+00

117	0.17115E+00	-0.95240E-05	-0.16646E+00	0.00000E+00
118	0.17215E+00	-0.24755E-02	-0.16687E+00	0.00000E+00
119	0.17217E+00	-0.25183E-02	-0.16715E+00	0.00000E+00
120	0.17215E+00	-0.69655E-03	-0.16810E+00	0.00000E+00
121	0.17210E+00	-0.25733E-02	-0.16741E+00	0.00000E+00
122	0.17210E+00	-0.26177E-02	-0.16752E+00	0.10639E-04
123	0.17207E+00	-0.27113E-02	-0.16762E+00	0.18964E-04
124	0.17202E+00	-0.28596E-02	-0.16772E+00	0.28714E-04
125	0.17193E+00	-0.30747E-02	-0.16783E+00	0.40778E-04
126	0.17170E+00	-0.35809E-02	-0.16801E+00	0.56910E-04
127	0.17142E+00	-0.41949E-02	-0.16819E+00	0.62938E-04
128	0.17084E+00	-0.55341E-02	-0.16855E+00	0.53963E-04
129	0.17045E+00	-0.65184E-02	-0.16889E+00	0.33897E-04
130	0.17027E+00	-0.70655E-02	-0.16926E+00	0.86665E-05
131	0.17047E+00	-0.66325E-02	-0.16983E+00	-0.23674E-04
132	0.17093E+00	-0.52611E-02	-0.17035E+00	-0.34975E-04
133	0.17136E+00	-0.37620E-02	-0.17082E+00	-0.30507E-04
134	0.17162E+00	-0.26960E-02	-0.17120E+00	-0.19398E-04
135	0.17175E+00	-0.20570E-02	-0.17151E+00	-0.13416E-04
136	0.17185E+00	-0.14403E-02	-0.17174E+00	-0.15515E-04
137	0.17191E+00	-0.79835E-03	-0.17188E+00	-0.15160E-04
138	0.17195E+00	-0.12301E-03	-0.17195E+00	-0.16173E-04
139	0.17195E+00	-0.14962E-04	-0.17195E+00	-0.15011E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3200E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.12296E+00	-0.56636E-01	-0.13715E+00	0.55666E+01	0.55942E-01	-0.56042E+01
2	-0.21276E+00	-0.40279E-01	-0.20241E+00	0.51733E+01	0.84598E-01	-0.51752E+01
3	-0.23828E+00	-0.36358E-01	-0.15230E+00	0.44074E+01	0.30194E-01	-0.44219E+01
4	0.18795E+00	0.72701E-02	0.18302E+00	0.36814E+01	-0.10767E+00	-0.37864E+01
5	-0.12071E+00	-0.47156E-01	-0.92178E-01	0.37039E+01	-0.24511E-01	-0.37782E+01
6	0.13352E+00	-0.71687E-01	-0.55903E-01	0.37690E+01	-0.75015E-01	-0.38376E+01
7	0.15805E+00	0.29873E-02	0.68790E-02	0.28125E+01	-0.60514E-01	-0.28168E+01
8	0.33043E+00	-0.93824E-03	0.34640E-01	0.25031E+01	-0.13604E+00	-0.23838E+01
9	-0.10493E+00	-0.15060E-03	-0.81526E-01	0.54851E+01	0.44381E-02	-0.55624E+01
10	-0.11821E+00	0.75215E-01	-0.12873E+00	0.51481E+01	-0.16085E-01	-0.52356E+01
11	0.22729E-01	0.10818E+00	-0.23357E+00	0.45144E+01	-0.13974E+00	-0.46249E+01
12	0.58105E+00	0.19595E+00	0.16567E+00	0.37959E+01	-0.28497E+00	-0.38232E+01
13	0.12490E+00	0.85657E-01	-0.10956E+00	0.38710E+01	-0.11076E+00	-0.39977E+01
14	0.45006E+00	0.18673E-01	-0.57965E-01	0.39482E+01	-0.23530E+00	-0.41540E+01
15	0.65121E+00	0.53533E-01	0.10227E+00	0.29430E+01	-0.30528E+00	-0.29869E+01
16	0.82109E+00	0.58117E-01	0.87640E-01	0.30490E+01	-0.35836E+00	-0.31682E+01
17	-0.27419E+00	-0.29860E+00	-0.26870E+00	0.53903E+01	0.37798E-01	-0.55303E+01
18	-0.27459E+00	-0.19204E+00	-0.30174E+00	0.51021E+01	0.72476E-01	-0.52904E+01
19	-0.10105E+00	-0.54736E-01	-0.34970E+00	0.45293E+01	0.61998E-01	-0.43879E+01
20	0.69804E+00	0.16058E+00	0.48816E-01	0.39319E+01	-0.36120E+00	-0.41354E+01
21	0.27103E-02	0.16923E-01	-0.25083E+00	0.40752E+01	0.97112E-02	-0.45735E+01
22	0.57767E+00	0.74811E-01	-0.44314E-01	0.42111E+01	-0.23573E+00	-0.48749E+01
23	0.10117E+01	-0.45389E-01	0.41630E-01	0.32856E+01	-0.50691E+00	-0.35028E+01
24	0.20339E+01	0.39130E+00	0.55450E+00	0.34595E+01	-0.82959E+00	-0.36819E+01
25	0.87169E+00	-0.21354E+00	-0.16605E+00	0.36326E+01	-0.45900E+00	-0.41504E+01
26	0.22392E+01	0.36224E+00	0.53965E+00	0.36488E+01	-0.99602E+00	-0.45603E+01
27	-0.43579E+00	-0.62508E+00	-0.44340E+00	0.53534E+01	0.75047E-01	-0.54511E+01
28	-0.42372E+00	-0.53532E+00	-0.44938E+00	0.50641E+01	0.20165E+00	-0.52747E+01
29	-0.33111E+00	-0.36699E+00	-0.41042E+00	0.44500E+01	0.55618E+00	-0.50025E+01
30	0.15147E+00	-0.21014E+00	-0.33051E+00	0.43106E+01	-0.60745E-01	-0.48608E+01
31	-0.39622E+00	-0.30743E+00	-0.49710E+00	0.42055E+01	0.38299E+00	-0.50444E+01
32	0.62846E-01	-0.18165E+00	-0.30263E+00	0.41167E+01	0.19482E+00	-0.51087E+01
33	0.13991E+01	0.22014E+00	0.39313E+00	0.42711E+01	-0.64994E+00	-0.47875E+01
34	0.43139E+01	0.22637E+01	0.23412E+01	0.45418E+01	-0.13336E+01	-0.51633E+01
35	0.23287E+00	-0.79702E+00	-0.72469E+00	0.45755E+01	-0.44262E+00	-0.51641E+01
36	-0.54712E+00	-0.92319E+00	-0.10260E+01	0.41361E+01	0.25152E+00	-0.53140E+01
37	0.94967E+00	0.26956E+00	-0.18570E-02	0.46577E+01	-0.47482E+00	-0.54601E+01
38	-0.65157E+00	-0.91608E+00	-0.59132E+00	0.53412E+01	0.11590E+00	-0.51893E+01
39	-0.72784E+00	-0.87308E+00	-0.54173E+00	0.51021E+01	0.36043E+00	-0.50032E+01
40	-0.56950E+00	-0.53653E+00	-0.33154E+00	0.45810E+01	0.11345E+01	-0.49401E+01
41	-0.91718E+00	-0.12408E+01	-0.41354E+00	0.48068E+01	0.97803E+00	-0.48521E+01
42	-0.14217E+01	-0.75528E+00	-0.22513E+00	0.46218E+01	0.12835E+01	-0.43475E+01
43	-0.78303E+00	-0.84969E+00	-0.78103E+00	0.43223E+01	0.66386E+00	-0.51387E+01
44	-0.12224E+01	-0.90658E+00	-0.85130E+00	0.42609E+01	0.11782E+01	-0.45043E+01
45	-0.19552E+01	-0.12928E+01	-0.10833E+01	0.44847E+01	0.10970E+01	-0.45063E+01
46	-0.98748E+00	-0.40658E+00	-0.26617E+00	0.43041E+01	0.75128E+00	-0.40941E+01
47	0.97561E-01	-0.21452E+00	-0.48956E+00	0.44454E+01	0.16208E+00	-0.55138E+01
48	-0.98056E+00	-0.84149E+00	-0.12139E+01	0.46815E+01	0.32909E+00	-0.55568E+01
49	-0.10682E+01	-0.65265E+00	-0.10059E+01	0.46089E+01	0.95681E+00	-0.58537E+01
50	-0.43340E+01	-0.17229E+01	-0.25567E+01	0.40050E+01	0.27283E+01	-0.41379E+01
51	-0.11013E+01	-0.94351E+00	-0.14135E+01	0.19258E+00	0.36854E+00	-0.10851E+01
52	-0.10370E+01	0.40512E+00	-0.67527E+00	-0.95218E+00	0.14969E+01	0.43470E+01
53	-0.16385E+01	-0.15805E+00	-0.46738E+00	0.36364E+01	0.12690E+01	-0.36950E+01
54	-0.95319E+00	-0.12542E+01	-0.77836E+00	0.52350E+01	0.15576E+00	-0.46424E+01

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55	-0.11544E+01	-0.11040E+01	-0.60941E+00	0.49961E+01	0.44320E+00	-0.44923E+01
56	-0.15602E+01	-0.86295E+00	0.16154E-01	0.45046E+01	0.12546E+01	-0.40632E+01
57	-0.15914E+01	-0.74998E+00	-0.40443E+00	0.40457E+01	0.94051E+00	-0.37280E+01
58	-0.17255E+01	-0.57155E+00	-0.33713E+00	0.34253E+01	0.11405E+01	-0.33015E+01
59	-0.75726E+00	-0.11954E+01	-0.69781E+00	0.51626E+01	-0.29729E-01	-0.43253E+01
60	-0.12917E+01	-0.14579E+01	-0.90059E+00	0.49622E+01	0.32032E+00	-0.36663E+01
61	-0.11096E+01	-0.13111E+01	-0.71578E+00	0.49365E+01	0.26695E+00	-0.36672E+01
62	-0.75953E+00	-0.12372E+01	-0.66164E+00	0.47774E+01	-0.48945E-01	-0.30786E+01
63	-0.13475E+01	-0.12431E+01	-0.60552E+00	0.47194E+01	0.45434E+00	-0.38647E+01
64	-0.13631E+01	-0.13420E+01	-0.55696E+00	0.43861E+01	0.39922E+00	-0.31227E+01
65	-0.18944E+01	-0.10685E+01	0.12696E+00	0.43472E+01	0.12591E+01	-0.37725E+01
66	-0.23783E+01	-0.10906E+01	0.21024E+00	0.38793E+01	0.14537E+01	-0.30564E+01
67	-0.19204E+01	-0.11975E+01	0.41822E+00	0.35153E+01	0.11122E+01	-0.23081E+01
68	-0.21115E+01	-0.10296E+01	-0.47218E+00	0.37970E+01	0.10628E+01	-0.33574E+01
69	-0.17349E+01	-0.86783E+00	-0.18095E+00	0.36626E+01	0.83180E+00	-0.28595E+01
70	-0.25209E+01	-0.10504E+01	-0.40960E+00	0.31663E+01	0.10844E+01	-0.20950E+01
71	-0.20765E+01	-0.71731E+00	-0.21272E+00	0.32892E+01	0.11659E+01	-0.27656E+01
72	-0.24675E+01	-0.77477E+00	-0.18020E+00	0.29918E+01	0.11327E+01	-0.21989E+01
73	-0.64472E+00	-0.72683E+00	-0.33647E+00	0.42729E+01	0.99118E-01	-0.19157E+01
74	-0.95592E+00	-0.68586E+00	-0.54092E-01	0.37457E+01	0.29009E+00	-0.17210E+01
75	-0.17546E+01	-0.65705E+00	0.80911E+00	0.30399E+01	0.82613E+00	-0.14181E+01
76	-0.21712E+01	-0.79077E+00	-0.85318E-01	0.32513E+01	0.75041E+00	-0.21067E+01
77	-0.15117E+01	-0.80621E+00	0.15186E+00	0.22587E+01	0.50660E+00	-0.87019E+00
78	-0.15795E+01	-0.50978E+00	0.30533E+00	0.18345E+01	0.55046E+00	-0.55469E+00
79	-0.24869E+01	-0.69921E+00	-0.32169E-01	0.23027E+01	0.86011E+00	-0.12431E+01
80	-0.27937E+01	-0.78065E+00	-0.18441E+00	0.16306E+01	0.62210E+00	-0.49059E+00
81	-0.14482E+01	-0.35626E+00	0.48064E+00	0.92831E+00	0.52857E+00	-0.24255E+00
82	-0.17330E+01	-0.57586E+00	0.29337E+00	0.80825E+00	0.52714E+00	-0.24025E+00
83	-0.25295E+01	-0.43253E+00	0.12800E+00	0.14044E+01	0.59800E+00	-0.48703E+00
84	-0.29476E+01	-0.66100E+00	-0.89271E-01	0.15806E+01	0.97524E+00	-0.51862E+00
85	-0.34527E+01	-0.72563E+00	-0.31356E+00	0.21778E+01	0.12223E+01	-0.14078E+01
86	-0.33135E+01	-0.57522E+00	-0.11602E+00	0.16654E+01	0.11931E+01	-0.96726E+00
87	-0.21893E+01	-0.17336E+00	0.29530E+00	0.23018E+01	0.11704E+01	-0.14662E+01
88	-0.24733E+01	-0.61256E+00	-0.19635E+00	0.25027E+01	0.14341E+01	-0.21741E+01
89	-0.27516E+01	-0.68965E+00	-0.33648E+00	0.22465E+01	0.15672E+01	-0.19880E+01
90	-0.28039E+01	-0.31307E+00	0.29718E-01	0.16180E+01	0.16834E+01	-0.96196E+00
91	-0.31646E+01	-0.84279E+00	-0.48280E+00	0.15270E+01	0.18245E+01	-0.14094E+01
92	-0.30243E+01	-0.64559E+00	-0.32863E+00	0.11611E+01	0.18177E+01	-0.96153E+00
93	-0.19496E+01	0.20304E+00	-0.48664E+00	0.26504E+01	0.14986E+01	-0.30350E+01
94	-0.20595E+01	-0.65670E+00	-0.70626E+00	0.26550E+01	0.13461E+01	-0.29269E+01
95	-0.13912E+01	-0.11552E+01	-0.75895E+00	0.20228E+01	0.12822E+01	-0.22048E+01
96	-0.18114E+01	-0.57647E+00	-0.35798E+00	0.27386E+01	0.12566E+01	-0.25665E+01
97	-0.11626E+01	-0.82690E+00	-0.51572E+00	0.22962E+01	0.12749E+01	-0.19096E+01
98	-0.15290E+01	-0.62036E+00	-0.30324E+00	0.19413E+01	0.11981E+01	-0.18662E+01
99	-0.14830E+01	0.15558E-01	0.15786E+00	0.21836E+01	0.11853E+01	-0.19866E+01
100	-0.13197E+01	-0.15684E+00	-0.84925E-02	0.16691E+01	0.11937E+01	-0.14170E+01
101	-0.16784E+01	-0.47588E+00	-0.35114E+00	0.13685E+01	0.12241E+01	-0.10918E+01
102	-0.14173E+01	-0.63471E-02	0.13121E+00	0.12500E+01	0.12081E+01	-0.10620E+01
103	-0.11593E+01	-0.34172E+00	-0.10328E+00	0.64326E+00	0.11016E+01	-0.54640E+00
104	-0.11725E+01	-0.39278E+00	-0.12524E+00	0.32791E+00	0.11060E+01	-0.36966E+00
105	-0.20780E+01	-0.48936E+00	-0.96036E+00	0.23459E+01	0.18637E+01	-0.28218E+01
106	-0.30900E+01	-0.20531E+01	-0.24534E+01	0.24399E+00	0.20534E+01	-0.13019E+01
107	-0.24574E+01	-0.16391E+01	-0.19410E+01	0.12975E+01	0.19376E+01	-0.19979E+01
108	-0.19823E+01	-0.14892E+01	-0.16696E+01	0.13457E+01	0.18609E+01	-0.20120E+01
109	-0.16033E+01	-0.10935E+01	-0.14767E+01	0.57165E+00	0.18548E+01	-0.13107E+01
110	-0.17163E+00	-0.91356E-01	-0.38013E+00	0.18430E+01	0.16796E+01	-0.20811E+01
111	0.65716E+00	0.29699E+00	-0.49302E-01	0.13536E+01	0.15355E+01	-0.11277E+01
112	0.69867E+00	0.33918E+00	0.72721E-02	0.20709E+01	0.15250E+01	-0.11164E+01
113	0.70502E+00	0.54393E-01	0.16886E+00	0.21692E+01	0.12484E+01	-0.21986E+01
114	0.11319E+01	0.61553E+00	0.32208E+00	0.18473E+01	0.11512E+01	-0.10870E+01

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115	0.12253E+01	0.63097E+00	0.49014E+00	0.31726E+01	0.11139E+01	-0.10539E+01
116	0.25573E+00	-0.21198E-01	0.80240E-01	0.24096E+01	0.81068E+00	-0.19031E+01
117	-0.27351E-01	-0.55485E-01	-0.11620E+00	0.26681E+01	0.60691E+00	-0.98091E+00
118	0.81396E-01	0.18865E-01	0.81329E-01	0.22911E+01	0.56252E+00	-0.90530E+00
119	-0.15506E+00	0.13147E+00	0.15300E+00	0.18639E+01	0.39183E+00	-0.14225E+01
120	-0.45610E+00	-0.27932E+00	-0.12657E+00	0.19154E+01	0.23668E+00	-0.80261E+00
121	-0.33040E+00	-0.21998E+00	0.33677E-02	0.16112E+01	0.20956E+00	-0.70159E+00
122	-0.48283E-01	0.50010E+00	0.45364E+00	0.14502E+01	0.10641E+00	-0.10766E+01
123	-0.28273E+00	-0.13715E+00	0.14891E+00	0.12815E+01	-0.29878E-01	-0.57845E+00
124	-0.23964E+00	-0.97324E-01	0.21687E+00	0.97725E+00	-0.42315E-01	-0.46045E+00
125	-0.31306E+00	0.14157E+00	0.25877E+00	0.73433E+00	-0.45894E-01	-0.52348E+00
126	-0.37344E+00	-0.16152E+00	0.15242E+00	0.60773E+00	-0.11014E+00	-0.30921E+00
127	-0.36273E+00	-0.14347E+00	0.16115E+00	0.25235E+00	-0.10915E+00	-0.21939E+00
128	0.93731E-01	0.30431E+00	0.48506E+00	0.37414E+00	-0.13463E+00	-0.26373E+00
129	0.33732E+00	0.31419E+00	0.60463E+00	0.21890E+00	-0.20927E+00	-0.92675E-01
183	-0.25947E+01	-0.45833E+00	-0.11361E+01	0.37498E+01	0.19518E+01	-0.41446E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.24247E+00	-0.16165E+01	0.13740E+01	0.69780E+02	-0.13322E+02	-0.30534E+02
131	0.95199E-01	0.63466E+00	-0.53946E+00	0.16137E+03	-0.17437E+02	-0.87487E+02
132	0.32421E-01	0.21614E+00	-0.18372E+00	0.26623E+03	-0.28884E+02	-0.14871E+03
133	0.91881E-01	0.61254E+00	-0.52066E+00	0.38049E+03	-0.41882E+02	-0.21571E+03
134	0.17432E+00	0.11521E+01	-0.98780E+00	0.50679E+03	-0.56951E+02	-0.29433E+03
135	0.96936E-01	0.64645E+00	-0.54948E+00	0.59339E+03	-0.71950E+02	-0.36453E+03
136	0.21442E+00	0.14295E+01	-0.12151E+01	0.67159E+03	-0.77233E+02	-0.41243E+03
137	0.34066E+00	0.22712E+01	-0.19305E+01	0.68320E+03	-0.88485E+02	-0.43421E+03
138	-0.65188E+00	-0.43459E+01	0.30599E+01	0.69727E+03	-0.19583E+03	-0.46748E+03
139	-0.11979E+01	-0.79863E+01	0.46490E+01	0.68493E+03	-0.40930E+03	-0.49270E+03
140	-0.69402E+00	-0.46268E+01	0.39328E+01	0.84677E+03	-0.49730E+03	-0.55605E+03
141	-0.60977E+00	-0.40652E+01	0.34554E+01	0.84637E+03	-0.50666E+03	-0.59047E+03
142	-0.72692E+00	-0.43462E+01	0.41192E+01	0.87648E+03	-0.50890E+03	-0.62500E+03
143	-0.73023E+00	-0.48682E+01	0.41380E+01	-0.27575E+03	-0.68003E+03	0.48546E+03
144	-0.85824E+00	-0.57216E+01	0.48633E+01	-0.27920E+03	-0.66652E+03	0.45506E+03
145	-0.12476E+01	-0.63183E+01	0.93595E+01	-0.24746E+02	-0.52645E+03	0.11449E+04
146	-0.52181E+00	-0.34787E+01	0.65871E+01	0.45521E+02	-0.39581E+03	0.10050E+04
147	-0.53947E+00	-0.35965E+01	0.65024E+01	0.38867E+02	-0.41044E+03	0.98821E+03
148	-0.56094E+00	-0.37396E+01	-0.13837E+00	0.32716E+02	-0.42793E+03	0.99090E+03
149	-0.58666E+00	-0.39110E+01	-0.47646E-01	0.21005E+02	-0.44953E+03	0.10106E+04
150	-0.68051E+00	-0.45367E+01	0.90055E+00	-0.21669E+02	-0.49276E+03	0.98048E+03
151	-0.82867E+00	-0.55245E+01	-0.21958E+02	-0.45365E+02	-0.56381E+03	0.10044E+04
152	-0.78664E+00	-0.52443E+01	-0.40832E+02	-0.38192E+02	-0.53449E+03	0.99443E+03
153	-0.71471E+00	-0.47647E+01	-0.36280E+02	-0.46042E+02	-0.48761E+03	0.97007E+03
154	-0.53032E+00	-0.35393E+01	-0.71251E+02	-0.58686E+02	-0.36565E+03	0.94037E+03
155	-0.25827E+00	-0.17216E+01	-0.59390E+02	-0.25177E+02	-0.17738E+03	0.87625E+03
156	-0.39709E-01	-0.26472E+00	-0.50182E+02	-0.39054E+02	-0.32549E+02	0.80809E+03
157	0.13259E+00	0.88392E+00	-0.40421E+02	-0.21292E+02	0.85928E+02	0.71409E+03
158	0.26509E+00	0.17739E+01	-0.33336E+02	-0.24854E+02	0.17513E+03	0.62285E+03
159	0.36232E+00	0.24183E+01	-0.23379E+02	-0.25804E+02	0.24001E+03	0.50825E+03
160	0.42406E+00	0.23270E+01	-0.16939E+02	-0.23013E+02	0.28159E+03	0.40157E+03
161	0.49765E+00	0.33179E+01	-0.82266E+01	-0.90437E+01	0.31194E+03	0.27216E+03
162	0.50134E+00	0.33423E+01	0.11973E+01	-0.14721E+01	0.29596E+03	0.17998E+03
163	0.55342E+00	0.36894E+01	0.18091E+01	-0.17723E+02	0.32429E+03	0.11865E+03
164	0.52145E+00	0.34763E+01	0.27955E+01	-0.23925E+02	0.30447E+03	0.74760E+02

000281

165	0.22596E+03	0.31549E+02	0.30321E+01	-0.14358E+01	0.29669E+03	0.56843E+02
166	0.17592E+03	0.21993E+02	0.48044E+01	-0.16855E+01	0.27423E+03	0.52909E+02
167	0.13395E+03	0.15543E+02	0.47247E+01	-0.33018E+01	0.23302E+03	0.49722E+02
168	0.97851E+02	0.10309E+02	0.40500E+01	-0.49161E+01	0.19145E+03	0.47108E+02
169	0.53535E+02	0.45522E+01	0.43229E+01	-0.62786E+01	0.16421E+03	0.44279E+02
170	0.21301E+02	-0.21400E+01	0.53640E+01	-0.77472E+01	0.14870E+03	0.41074E+02
171	-0.16056E+02	-0.83223E+01	0.57930E+01	-0.96204E+01	0.12200E+03	0.36531E+02
172	-0.35003E+02	-0.10440E+02	0.49773E+01	-0.11269E+02	0.88407E+02	0.31414E+02
173	-0.32034E+02	-0.78901E+01	0.29008E+01	-0.11829E+02	0.58116E+02	0.27452E+02
174	-0.20299E+02	-0.37119E+01	0.60297E+00	-0.11170E+02	0.36205E+02	0.23897E+02
175	-0.45920E+01	0.45742E-01	-0.66870E+00	-0.91215E+01	0.26676E+02	0.21175E+02
176	0.13861E+01	0.10316E+01	-0.73185E+00	-0.72605E+01	0.26715E+02	0.19034E+02
177	0.26019E+01	0.80778E+00	-0.36008E+00	-0.53334E+01	0.26425E+02	0.15404E+02
178	0.99914E+00	0.12434E+00	0.29993E-01	-0.37159E+01	0.19460E+02	0.11115E+02
179	-0.36363E+00	-0.11756E+00	0.60148E-01	-0.29558E+01	0.13868E+02	0.73700E+01
180	0.42108E-01	-0.26956E-01	0.31573E-01	-0.21339E+01	0.82156E+01	0.47738E+01
181	-0.11452E+00	-0.12326E+00	0.97423E-01	-0.15475E+01	0.37821E+01	0.16887E+01
182	0.51311E+00	0.23830E+00	-0.14029E+00	-0.48851E+00	-0.84942E+00	-0.30812E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.34007E-01	0.64399E-05	0.34372E-01	0.00000E+00
3	-0.64491E-01	-0.20266E-03	0.64530E-01	0.00000E+00
4	-0.72544E-01	-0.20838E-03	0.72317E-01	0.00000E+00
5	-0.83652E-01	-0.16562E-04	0.83626E-01	0.00000E+00
6	-0.91504E-01	-0.31366E-05	0.91508E-01	0.00000E+00
7	-0.83769E-01	-0.47833E-03	0.83832E-01	0.00000E+00
8	-0.91749E-01	-0.35882E-03	0.91832E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.33492E-01	-0.17562E-03	0.33441E-01	0.00000E+00
11	-0.63902E-01	-0.51360E-03	0.63892E-01	0.00000E+00
12	-0.72189E-01	-0.63133E-03	0.72320E-01	0.00000E+00
13	-0.83949E-01	-0.53090E-03	0.84131E-01	0.00000E+00
14	-0.92518E-01	-0.36419E-03	0.92697E-01	0.00000E+00
15	-0.84490E-01	-0.69337E-03	0.85367E-01	0.00000E+00
16	-0.93259E-01	-0.37574E-03	0.94174E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.33005E-01	-0.10375E-03	0.33571E-01	0.00000E+00
19	-0.63588E-01	-0.43157E-03	0.64636E-01	0.00000E+00
20	-0.72465E-01	-0.56245E-03	0.73580E-01	0.00000E+00
21	-0.85061E-01	-0.43024E-03	0.85516E-01	0.00000E+00
22	-0.94608E-01	-0.14876E-03	0.96325E-01	0.00000E+00
23	-0.85860E-01	-0.18707E-03	0.88305E-01	0.00000E+00
24	-0.96411E-01	0.44709E-03	0.99271E-01	0.00000E+00
25	-0.97472E-01	0.61546E-03	0.10109E+00	0.00000E+00
26	-0.98106E-01	0.86292E-03	0.10217E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.32764E-01	0.37530E-03	0.33266E-01	0.00000E+00
29	-0.63429E-01	0.53123E-03	0.64695E-01	0.00000E+00
30	-0.72709E-01	0.50585E-03	0.74392E-01	0.00000E+00
31	-0.86575E-01	0.57171E-03	0.89694E-01	0.00000E+00
32	-0.98751E-01	0.12820E-02	0.10332E+00	0.00000E+00
33	-0.86725E-01	0.70397E-03	0.89983E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.32776E-01	0.55932E-03	0.32992E-01	0.00000E+00
36	-0.63416E-01	0.10219E-02	0.64258E-01	0.00000E+00
37	-0.72643E-01	0.11432E-02	0.73851E-01	0.00000E+00
38	-0.86829E-01	0.11699E-02	0.89962E-01	0.00000E+00
39	-0.99569E-01	0.12016E-02	0.10501E+00	0.00000E+00
40	-0.99403E-01	0.11986E-02	0.10463E+00	0.00000E+00
41	-0.99237E-01	0.11970E-02	0.10428E+00	0.00000E+00
42	-0.99057E-01	0.11973E-02	0.10387E+00	0.00000E+00
43	-0.72436E-01	0.17140E-02	0.71695E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.32515E-01	0.76531E-03	0.30997E-01	0.00000E+00
46	-0.62768E-01	0.14061E-02	0.60104E-01	0.00000E+00
47	-0.99614E-01	0.12016E-02	0.10511E+00	0.00000E+00
48	-0.99623E-01	0.12017E-02	0.10513E+00	0.00000E+00
49	-0.86834E-01	0.13012E-02	0.89819E-01	0.00000E+00
50	-0.99681E-01	0.11953E-02	0.10547E+00	0.00000E+00
51	-0.86225E-01	0.17220E-02	0.86127E-01	0.00000E+00
52	-0.96013E-01	0.54308E-03	0.99023E-01	0.00000E+00
53	-0.99581E-01	0.11913E-02	0.10505E+00	0.00000E+00
54	-0.71449E-01	0.14521E-02	0.68791E-01	0.00000E+00
55	-0.84918E-01	0.12065E-02	0.82182E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.31570E-01	0.79523E-03	0.28104E-01	0.00000E+00
58	-0.60627E-01	0.93731E-03	0.54678E-01	0.00000E+00
59	-0.95502E-01	0.58744E-03	0.93236E-01	0.00000E+00
60	-0.97307E-01	0.61378E-03	0.97172E-01	0.00000E+00
61	-0.99698E-01	0.11855E-02	0.10567E+00	0.00000E+00
62	-0.69121E-01	0.10422E-02	0.62433E-01	0.00000E+00
63	-0.81546E-01	0.78423E-03	0.73886E-01	0.00000E+00
64	-0.98597E-01	0.51953E-03	0.99829E-01	0.00000E+00
65	-0.99715E-01	0.11763E-02	0.10587E+00	0.00000E+00
66	-0.99849E-01	0.11584E-02	0.10627E+00	0.00000E+00
67	-0.99935E-01	0.11413E-02	0.10667E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.30271E-01	0.62204E-03	0.24945E-01	0.00000E+00
70	-0.57519E-01	0.12081E-02	0.48234E-01	0.00000E+00
71	-0.92109E-01	0.49410E-03	0.84207E-01	0.00000E+00
72	-0.98950E-01	0.34638E-03	0.99075E-01	0.00000E+00
73	-0.77407E-01	0.10253E-02	0.64922E-01	0.00000E+00
74	-0.10186E+00	0.23555E-03	0.10226E+00	0.00000E+00
75	-0.10010E+00	0.11310E-02	0.10705E+00	0.00000E+00
76	-0.10082E+00	0.11153E-02	0.10775E+00	0.00000E+00
77	-0.87261E-01	0.33064E-03	0.73105E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.29230E-01	0.77122E-03	0.22344E-01	0.00000E+00
80	-0.54819E-01	0.12426E-02	0.41763E-01	0.00000E+00
81	-0.61891E-01	0.14755E-02	0.47124E-01	0.00000E+00
82	-0.72322E-01	0.11036E-02	0.54834E-01	0.00000E+00
83	-0.10128E+00	-0.23864E-03	0.93560E-01	0.00000E+00
84	-0.91639E-01	-0.46654E-03	0.71492E-01	0.00000E+00
85	-0.10234E+00	0.10932E-02	0.10867E+00	0.00000E+00
86	-0.10505E+00	0.34657E-03	0.10586E+00	0.00000E+00
87	-0.81493E-01	0.61596E-03	0.61838E-01	0.00000E+00
88	-0.10407E+00	0.15567E-05	0.10010E+00	0.00000E+00
89	-0.10371E+00	0.10767E-02	0.10956E+00	0.00000E+00
90	-0.62798E-01	0.88673E-03	0.37214E-01	0.00000E+00
91	-0.68249E-01	0.34998E-03	0.39759E-01	0.00000E+00
92	-0.71770E-01	-0.17176E-03	0.41342E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.23334E-01	0.00000E+00	0.83603E-02	0.00000E+00
95	-0.43564E-01	0.00000E+00	0.16874E-01	0.00000E+00
96	-0.48584E-01	0.00000E+00	0.13852E-01	0.00000E+00
97	-0.54843E-01	0.00000E+00	0.21597E-01	0.00000E+00
98	-0.57485E-01	0.00000E+00	0.22673E-01	0.00000E+00
99	-0.62142E-01	0.37528E-03	0.31236E-01	0.00000E+00
100	-0.76797E-01	-0.39915E-03	0.47047E-01	0.00000E+00
101	-0.99312E-01	-0.19916E-02	0.76341E-01	0.00000E+00
102	-0.10727E+00	0.10679E-02	0.11085E+00	0.00000E+00
103	-0.10651E+00	-0.84157E-03	0.98512E-01	0.00000E+00
104	-0.11037E+00	0.39229E-03	0.11047E+00	0.00000E+00
105	-0.11024E+00	0.10548E-02	0.11204E+00	0.00000E+00
106	-0.10988E+00	-0.14452E-02	0.10186E+00	0.00000E+00
107	-0.11434E+00	0.19415E-03	0.11386E+00	0.00000E+00
108	-0.11275E+00	0.10607E-02	0.11314E+00	0.00000E+00
109	-0.11477E+00	0.10651E-02	0.11412E+00	0.00000E+00
110	-0.11409E+00	-0.25709E-02	0.10558E+00	0.00000E+00
111	-0.11721E+00	-0.16815E-03	0.11638E+00	0.00000E+00
112	-0.11645E+00	0.10782E-02	0.11497E+00	0.00000E+00
113	-0.11966E+00	-0.21387E-02	0.10890E+00	0.00000E+00
114	-0.11766E+00	0.10961E-02	0.11567E+00	0.00000E+00
115	-0.11853E+00	0.11158E-02	0.11623E+00	0.00000E+00
116	-0.11894E+00	0.11289E-02	0.11662E+00	0.00000E+00

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117	-0.11832E+00	-0.40391E-03	0.11755E+00	0.00000E+00
118	-0.11896E+00	0.11336E-02	0.11675E+00	0.00000E+00
119	-0.11896E+00	0.11485E-02	0.11690E+00	0.00000E+00
120	-0.11871E+00	-0.69967E-03	0.11839E+00	0.00000E+00
121	-0.11890E+00	0.11646E-02	0.11704E+00	0.00000E+00
122	-0.11891E+00	0.11784E-02	0.11709E+00	-0.31454E-05
123	-0.11890E+00	0.12062E-02	0.11713E+00	-0.54440E-05
124	-0.11889E+00	0.12487E-02	0.11718E+00	-0.79754E-05
125	-0.11886E+00	0.13079E-02	0.11723E+00	-0.10869E-04
126	-0.11881E+00	0.14397E-02	0.11731E+00	-0.14200E-04
127	-0.11874E+00	0.15899E-02	0.11740E+00	-0.14794E-04
128	-0.11863E+00	0.18814E-02	0.11757E+00	-0.10322E-04
129	-0.11857E+00	0.20445E-02	0.11773E+00	-0.40605E-05
130	-0.11858E+00	0.20623E-02	0.11790E+00	0.24583E-05
131	-0.11873E+00	0.17155E-02	0.11818E+00	0.11902E-04
132	-0.11893E+00	0.11200E-02	0.11844E+00	0.14576E-04
133	-0.11911E+00	0.51502E-03	0.11868E+00	0.11941E-04
134	-0.11920E+00	0.17094E-03	0.11887E+00	0.47502E-05
135	-0.11922E+00	0.14456E-03	0.11903E+00	-0.10373E-06
136	-0.11923E+00	0.13640E-03	0.11915E+00	0.17658E-05
137	-0.11925E+00	0.80488E-04	0.11922E+00	0.18190E-05
138	-0.11926E+00	0.16350E-04	0.11926E+00	0.25839E-05
139	-0.11926E+00	0.17633E-05	0.11926E+00	0.17967E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3300E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.12471E+00	0.64632E-01	0.10924E+00	-0.41319E+01	-0.47523E-01	0.41505E+01
2	0.20994E+00	0.51063E-01	0.15175E+00	-0.37340E+01	-0.76830E-01	0.37378E+01
3	0.24903E+00	0.44293E-01	0.94759E-01	-0.30699E+01	-0.51061E-01	0.30914E+01
4	-0.97249E-01	0.27943E-01	-0.12381E+00	-0.24902E+01	0.71463E-01	0.25774E+01
5	0.13389E+00	0.44428E-01	0.65877E-01	-0.25088E+01	0.22594E-02	0.25739E+01
6	-0.53777E-01	0.54810E-01	0.38480E-01	-0.25576E+01	0.40379E-01	0.26182E+01
7	-0.90605E-01	0.61918E-02	-0.26870E-02	-0.18483E+01	0.37027E-01	0.18563E+01
8	-0.19261E+00	0.68760E-02	-0.14729E-01	-0.18375E+01	0.83876E-01	0.19087E+01
9	0.69532E-01	-0.18009E-02	0.45473E-01	-0.40609E+01	-0.15729E-02	0.40987E+01
10	0.82125E-01	-0.52809E-01	0.70668E-01	-0.37154E+01	0.12328E-01	0.37749E+01
11	0.59301E-02	-0.75651E-01	0.13691E+00	-0.31535E+01	0.92313E-01	0.32393E+01
12	-0.37637E+00	-0.13744E+00	-0.11954E+00	-0.25774E+01	0.19253E+00	0.26068E+01
13	-0.63263E-01	-0.55063E-01	0.71934E-01	-0.26291E+01	0.71145E-01	0.27282E+01
14	-0.27816E+00	-0.14539E-01	0.41303E-01	-0.26816E+01	0.15087E+00	0.28305E+01
15	-0.41544E+00	-0.39377E-01	-0.62952E-01	-0.19363E+01	0.20242E+00	0.19825E+01
16	-0.51582E+00	-0.34719E-01	-0.40972E-01	-0.20083E+01	0.23389E+00	0.21075E+01
17	0.15330E+00	0.16837E+00	0.15145E+00	-0.40012E+01	-0.19646E-01	0.40824E+01
18	0.15137E+00	0.10025E+00	0.17278E+00	-0.36886E+01	-0.35038E-01	0.38162E+01
19	0.31625E-01	0.70277E-02	0.22007E+00	-0.31758E+01	-0.12221E-01	0.34169E+01
20	-0.47171E+00	-0.12614E+00	-0.44147E-01	-0.26852E+01	0.25334E+00	0.28192E+01
21	-0.93126E-02	-0.31606E-01	0.16001E+00	-0.27810E+01	0.93208E-02	0.31065E+01
22	-0.38956E+00	-0.10985E+00	0.15053E-01	-0.23710E+01	0.16725E+00	0.33059E+01
23	-0.65843E+00	0.16459E-01	-0.18726E-01	-0.21766E+01	0.34241E+00	0.23314E+01
24	-0.13154E+01	-0.26457E+00	-0.34098E+00	-0.23041E+01	0.55310E+00	0.24477E+01
25	-0.57044E+00	0.10005E+00	0.11230E+00	-0.24134E+01	0.31150E+00	0.27549E+01
26	-0.15348E+01	-0.33377E+00	-0.41407E+00	-0.24425E+01	0.66311E+00	0.30257E+01
27	0.23748E+00	0.35447E+00	0.24888E+00	-0.39332E+01	-0.37024E-01	0.40435E+01
28	0.21989E+00	0.29526E+00	0.25367E+00	-0.36658E+01	-0.10197E+00	0.38164E+01
29	0.18225E+00	0.17989E+00	0.26505E+00	-0.31231E+01	-0.29416E+00	0.34979E+01
30	-0.11683E+00	0.75097E-01	0.20470E+00	-0.29326E+01	0.80546E-01	0.32978E+01
31	0.22559E+00	0.13307E+00	0.30793E+00	-0.28643E+01	-0.21133E+00	0.34181E+01
32	-0.66641E-01	0.67799E-01	0.19565E+00	-0.27984E+01	-0.84921E-01	0.34632E+01
33	-0.12592E+01	-0.24404E+00	-0.28950E+00	-0.28235E+01	0.45401E+00	0.31709E+01
34	-0.32074E+01	-0.15757E+01	-0.15626E+01	-0.29926E+01	0.88355E+00	0.34101E+01
35	-0.19376E+00	0.43582E+00	0.45248E+00	-0.30101E+01	0.29491E+00	0.34106E+01
36	0.31304E+00	0.56190E+00	0.65076E+00	-0.27641E+01	-0.12263E+00	0.35003E+01
37	-0.64510E+00	-0.23719E+00	-0.13661E-02	-0.30633E+01	0.31576E+00	0.35893E+01
38	0.35300E+00	0.49662E+00	0.32191E+00	-0.39828E+01	-0.63480E-01	0.39040E+01
39	0.39920E+00	0.47038E+00	0.30476E+00	-0.37006E+01	-0.20002E+00	0.36709E+01
40	0.29314E+00	0.27105E+00	0.22002E+00	-0.32231E+01	-0.62319E+00	0.34612E+01
41	0.54223E+00	0.72737E+00	0.29335E+00	-0.33721E+01	-0.54840E+00	0.34340E+01
42	0.88385E+00	0.36457E+00	0.18523E+00	-0.32564E+01	-0.74100E+00	0.31303E+01
43	0.46245E+00	0.49983E+00	0.50442E+00	-0.29458E+01	-0.37337E+00	0.34774E+01
44	0.74057E+00	0.52263E+00	0.55395E+00	-0.29112E+01	-0.68868E+00	0.30886E+01
45	0.12002E+01	0.77052E+00	0.71407E+00	-0.30731E+01	-0.62686E+00	0.30926E+01
46	0.59349E+00	0.16035E+00	0.17965E+00	-0.29616E+01	-0.43736E+00	0.28703E+01
47	-0.92726E-01	0.79577E-01	0.31646E+00	-0.29334E+01	-0.78744E-01	0.36222E+01
48	0.61035E+00	0.49331E+00	0.79078E+00	-0.30771E+01	-0.20378E+00	0.36479E+01
49	0.67723E+00	0.40546E+00	0.68120E+00	-0.30499E+01	-0.56519E+00	0.38208E+01
50	0.27843E+01	0.10732E+01	0.16867E+01	-0.26698E+01	-0.16495E+01	0.27663E+01
51	0.75271E+00	0.65603E+00	0.98385E+00	-0.12471E+00	-0.22915E+00	0.70195E+00
52	0.37285E+00	-0.71013E+00	0.18386E+00	0.57365E+00	-0.89596E+00	-0.25136E+01
53	0.10022E+01	0.35173E-01	0.33596E+00	-0.24491E+01	-0.73431E+00	0.25053E+01
54	0.51226E+00	0.63374E+00	0.40450E+00	-0.39152E+01	-0.86837E-01	0.36057E+01

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55	0.66030E+00	0.52965E+00	0.32893E+00	-0.36406E+01	-0.25253E+00	0.33876E+01
56	0.98136E+00	0.33102E+00	0.49019E-01	-0.32132E+01	-0.72211E+00	0.29862E+01
57	0.95991E+00	0.33953E+00	0.27064E+00	-0.28196E+01	-0.54392E+00	0.26655E+01
58	0.10450E+01	0.24439E+00	0.25550E+00	-0.23348E+01	-0.65779E+00	0.23016E+01
59	0.32806E+00	0.52247E+00	0.29769E+00	-0.38536E+01	0.15185E-01	0.34315E+01
60	0.73035E+00	0.69199E+00	0.46725E+00	-0.37125E+01	-0.19535E+00	0.30429E+01
61	0.58050E+00	0.57993E+00	0.33714E+00	-0.36838E+01	-0.14536E+00	0.30436E+01
62	0.27984E+00	0.46316E+00	0.23094E+00	-0.35726E+01	0.24349E-01	0.27282E+01
63	0.77122E+00	0.55898E+00	0.31479E+00	-0.34555E+01	-0.27451E+00	0.30358E+01
64	0.76858E+00	0.60150E+00	0.28285E+00	-0.32405E+01	-0.23794E+00	0.25995E+01
65	0.12077E+01	0.46095E+00	-0.44355E-02	-0.30749E+01	-0.75083E+00	0.28341E+01
66	0.15197E+01	0.49662E+00	-0.25685E-01	-0.27970E+01	-0.88383E+00	0.23796E+01
67	0.12713E+01	0.56217E+00	-0.13773E+00	-0.25883E+01	-0.68459E+00	0.19379E+01
68	0.12746E+01	0.47993E+00	0.31645E+00	-0.26280E+01	-0.63925E+00	0.24558E+01
69	0.10504E+01	0.32264E+00	0.11037E+00	-0.25597E+01	-0.50885E+00	0.21760E+01
70	0.15741E+01	0.53150E+00	0.31875E+00	-0.22532E+01	-0.68732E+00	0.16555E+01
71	0.12459E+01	0.28188E+00	0.16770E+00	-0.22279E+01	-0.71113E+00	0.19944E+01
72	0.15119E+01	0.32591E+00	0.16158E+00	-0.20475E+01	-0.72053E+00	0.16352E+01
73	0.34340E+00	0.32957E+00	0.15061E+00	-0.32193E+01	-0.81248E-01	0.19054E+01
74	0.57387E+00	0.31705E+00	0.17137E-01	-0.28185E+01	-0.23059E+00	0.16725E+01
75	0.11390E+01	0.32361E+00	-0.42974E+00	-0.22669E+01	-0.64054E+00	0.13347E+01
76	0.13094E+01	0.32280E+00	0.61666E-01	-0.22693E+01	-0.55239E+00	0.16580E+01
77	0.98315E+00	0.47102E+00	-0.31378E-01	-0.16699E+01	-0.39359E+00	0.90832E+00
78	0.11009E+01	0.41150E+00	-0.72140E-01	-0.13944E+01	-0.43494E+00	0.59225E+00
79	0.15573E+01	0.34376E+00	0.91406E-01	-0.15946E+01	-0.62050E+00	0.10267E+01
80	0.19006E+01	0.53696E+00	0.25590E+00	-0.11789E+01	-0.53233E+00	0.54650E+00
81	0.97048E+00	0.23930E+00	-0.22595E+00	-0.70291E+00	-0.42323E+00	0.28479E+00
82	0.12258E+01	0.46724E+00	-0.57725E-01	-0.60302E+00	-0.43501E+00	0.23221E+00
83	0.17275E+01	0.30661E+00	0.53512E-01	-0.97572E+00	-0.51768E+00	0.43791E+00
84	0.13894E+01	0.38701E+00	0.15003E+00	-0.10957E+01	-0.69708E+00	0.49187E+00
85	0.21515E+01	0.40237E+00	0.28686E+00	-0.14282E+01	-0.84102E+00	0.10092E+01
86	0.20773E+01	0.32433E+00	0.17920E+00	-0.10360E+01	-0.82433E+00	0.66760E+00
87	0.13165E+01	-0.66187E-01	-0.14179E+00	-0.15399E+01	-0.74718E+00	0.11023E+01
88	0.15015E+01	0.28015E+00	0.20021E+00	-0.16449E+01	-0.88740E+00	0.15137E+01
89	0.16607E+01	0.32461E+00	0.29384E+00	-0.14263E+01	-0.97624E+00	0.13489E+01
90	0.17077E+01	0.14007E+00	0.88104E-01	-0.10593E+01	-0.10547E+01	0.67167E+00
91	0.18884E+01	0.45506E+00	0.39355E+00	-0.94304E+00	-0.11413E+01	0.92807E+00
92	0.18252E+01	0.36531E+00	0.32522E+00	-0.68848E+00	-0.11387E+01	0.61396E+00
93	0.12233E+01	-0.17167E+00	0.37477E+00	-0.17859E+01	-0.87349E+00	0.20503E+01
94	0.12690E+01	0.33343E+00	0.50517E+00	-0.18024E+01	-0.77844E+00	0.19811E+01
95	0.56013E+00	0.69791E+00	0.56893E+00	-0.13404E+01	-0.72248E+00	0.14564E+01
96	0.11137E+01	0.26787E+00	0.30625E+00	-0.18192E+01	-0.72617E+00	0.17493E+01
97	0.72053E+00	0.49293E+00	0.42505E+00	-0.14875E+01	-0.72031E+00	0.12450E+01
98	0.92637E+00	0.32881E+00	0.29123E+00	-0.12766E+01	-0.67408E+00	0.12373E+01
99	0.92711E+00	-0.77558E-01	0.22056E-01	-0.14437E+01	-0.68390E+00	0.13474E+01
100	0.81874E+00	0.79943E-01	0.14111E+00	-0.10847E+01	-0.67269E+00	0.92047E+00
101	0.10345E+01	0.27943E+00	0.35099E+00	-0.88057E+00	-0.68963E+00	0.69201E+00
102	0.85731E+00	-0.22096E-01	0.31450E-01	-0.78969E+00	-0.68827E+00	0.67557E+00
103	0.75521E+00	0.21458E+00	0.22820E+00	-0.43483E+00	-0.61262E+00	0.33454E+00
104	0.74965E+00	0.19931E+00	0.22957E+00	-0.22500E+00	-0.61609E+00	0.21762E+00
105	0.12882E+01	0.24168E+00	0.54767E+00	-0.15700E+01	-0.10945E+01	0.19183E+01
106	0.19995E+01	0.13361E+01	0.16390E+01	-0.18870E+00	-0.12262E+01	0.85210E+00
107	0.15357E+01	0.99070E+00	0.12627E+01	-0.88219E+00	-0.11619E+01	0.13554E+01
108	0.12323E+01	0.89823E+00	0.10931E+01	-0.91182E+00	-0.10944E+01	0.13597E+0
109	0.10273E+01	0.70998E+00	0.10066E+01	-0.40265E+00	-0.10853E+01	0.85621E+00
110	0.74211E-01	0.90854E-02	0.27602E+00	-0.12221E+01	-0.96958E+00	0.13921E+01
111	-0.42651E+00	-0.18108E+00	0.93259E-01	-0.90414E+00	-0.86324E+00	0.73404E+00
112	-0.45136E+00	-0.20773E+00	0.57769E-01	-0.13550E+01	-0.85792E+00	0.72408E+00
113	-0.47957E+00	-0.89790E-01	-0.60632E-01	-0.14045E+01	-0.68349E+00	0.14473E+01
114	-0.70129E+00	-0.36659E+00	-0.12165E+00	-0.12093E+01	-0.61006E+00	0.70223E+00

115	-0.75918E+00	-0.40729E+00	-0.22568E+00	-0.20258E+01	-0.58699E+00	0.67749E+00
116	-0.16667E+00	-0.22452E-01	0.23853E-01	-0.15376E+01	-0.39853E+00	0.12359E+01
117	0.44285E-01	0.67330E-01	0.17375E+00	-0.16971E+01	-0.25864E+00	0.62726E+00
118	-0.21432E-01	0.22252E-01	0.54532E-01	-0.14512E+01	-0.23189E+00	0.57576E+00
119	0.10395E+00	-0.10939E+00	-0.18049E-02	-0.11789E+01	-0.13238E+00	0.90497E+00
120	0.33589E+00	0.22352E+00	0.20636E+00	-0.12150E+01	-0.28427E-01	0.50810E+00
121	0.29184E+00	0.18893E+00	0.13082E+00	-0.10245E+01	-0.12684E-01	0.44188E+00
122	0.63511E-01	-0.31416E+00	-0.16204E+00	-0.92211E+00	0.42672E-01	0.67379E+00
123	0.25434E+00	0.15366E+00	0.62127E-01	-0.82625E+00	0.13243E+00	0.36276E+00
124	0.23086E+00	0.13220E+00	0.24882E-01	-0.64349E+00	0.13931E+00	0.28708E+00
125	0.23869E+00	-0.94380E-01	-0.28937E-01	-0.49042E+00	0.13016E+00	0.31175E+00
126	0.34813E+00	0.19538E+00	0.90428E-01	-0.43044E+00	0.17181E+00	0.19189E+00
127	0.34293E+00	0.18612E+00	0.86692E-01	-0.25258E+00	0.17107E+00	0.13469E+00
128	0.94032E-01	-0.11039E+00	-0.98342E-01	-0.28217E+00	0.17743E+00	0.15094E+00
129	0.45669E-01	0.11968E-01	-0.76869E-01	-0.22177E+00	0.21918E+00	0.57997E-01
130	0.16255E+01	0.24017E+00	0.76292E+00	-0.25102E+01	-0.11516E+01	0.27721E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.19034E+00	0.12639E+01	-0.10786E+01	-0.44371E+02	0.91513E+01	0.19422E+02
131	-0.81421E-01	-0.54281E+00	0.46139E+00	-0.10311E+03	0.12949E+02	0.57098E+02
132	-0.27403E-01	-0.18269E+00	0.15529E+00	-0.17017E+03	0.22239E+02	0.97668E+02
133	-0.62226E-01	-0.41484E+00	0.35262E+00	-0.24406E+03	0.32764E+02	0.14239E+03
134	-0.10027E+00	-0.66849E+00	0.56821E+00	-0.32589E+03	0.44935E+02	0.19551E+03
135	-0.40336E-01	-0.26891E+00	0.22857E+00	-0.38321E+03	0.56338E+02	0.24242E+03
136	-0.11873E+00	-0.79154E+00	0.67281E+00	-0.43398E+03	0.60765E+02	0.27425E+03
137	-0.19565E+00	-0.13043E+01	0.11087E+01	-0.44059E+03	0.68952E+02	0.28879E+03
138	0.43358E+00	0.28905E+01	-0.20302E+01	-0.44911E+03	0.14507E+03	0.31074E+03
139	0.75611E+00	0.50407E+01	-0.28333E+01	-0.44059E+03	0.29602E+03	0.32812E+03
140	0.37464E+00	0.24976E+01	-0.21230E+01	-0.54724E+03	0.35942E+03	0.37041E+03
141	0.32710E+00	0.21807E+01	-0.13536E+01	-0.54692E+03	0.36396E+03	0.39342E+03
142	0.37518E+00	0.25012E+01	-0.21260E+01	-0.56626E+03	0.36775E+03	0.41598E+03
143	0.38187E+00	0.25438E+01	-0.21639E+01	0.17768E+03	0.47843E+03	-0.30175E+03
144	0.55219E+00	0.36812E+01	-0.31291E+01	0.18067E+03	0.47016E+03	-0.23100E+03
145	0.87965E+00	0.58643E+01	-0.59293E+01	0.22373E+02	0.37188E+03	-0.74063E+03
146	0.36644E+00	0.24430E+01	-0.42687E+01	-0.34548E+02	0.27757E+03	-0.65699E+03
147	0.37786E+00	0.25191E+01	-0.42012E+01	-0.28240E+02	0.28733E+03	-0.64439E+03
148	0.39173E+00	0.26116E+01	0.68980E-01	-0.24730E+02	0.29856E+03	-0.64575E+03
149	0.40837E+00	0.27225E+01	-0.24215E-02	-0.19431E+02	0.31219E+03	-0.65895E+03
150	0.47225E+00	0.31484E+01	-0.60314E+00	0.10098E+02	0.34122E+03	-0.63706E+03
151	0.57453E+00	0.33302E+01	0.13958E+02	0.23136E+02	0.38965E+03	-0.65205E+03
152	0.54835E+00	0.36557E+01	0.25846E+02	0.18534E+02	0.37137E+03	-0.64326E+03
153	0.50361E+00	0.33574E+01	0.22747E+02	0.23652E+02	0.34206E+03	-0.62462E+03
154	0.39003E+00	0.26002E+01	0.44334E+02	0.30135E+02	0.26669E+03	-0.60247E+03
155	0.22287E+00	0.14858E+01	0.36408E+02	0.79552E+01	0.15100E+03	-0.55772E+03
156	0.91170E-01	0.60780E+00	0.30422E+02	0.16218E+02	0.63714E+02	-0.51142E+03
157	-0.10769E-01	-0.71795E-01	0.24107E+02	0.38927E+01	-0.66549E+01	-0.44899E+03
158	-0.88284E-01	-0.58856E+00	0.19697E+02	0.59136E+01	-0.58455E+02	-0.38933E+03
159	-0.14333E+00	-0.95554E+00	0.13831E+02	0.56859E+01	-0.95491E+02	-0.31526E+03
160	-0.17722E+00	-0.11814E+01	0.97054E+01	0.43329E+01	-0.11847E+03	-0.24700E+03
161	-0.21101E+00	-0.14067E+01	0.44392E+01	-0.47873E+01	-0.13355E+03	-0.16474E+03
162	-0.21084E+00	-0.14056E+01	-0.73788E+00	-0.84557E+01	-0.12583E+03	-0.10654E+03
163	-0.22896E+00	-0.15264E+01	-0.11737E+01	0.25158E+01	-0.13489E+03	-0.68637E+02
164	-0.21060E+00	-0.14040E+01	-0.18521E+01	0.19829E+01	-0.12412E+03	-0.41506E+02

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165	-0.67656E+02	-0.91210E+01	-0.11524E+01	0.25035E+01	-0.11742E+03	-0.31347E+02
166	-0.48549E+02	-0.58829E+01	-0.16102E+01	0.33774E+01	-0.10841E+03	-0.29755E+02 286
167	-0.34747E+02	-0.38420E+01	-0.14869E+01	0.37438E+01	-0.92115E+02	-0.28486E+02
168	-0.23443E+02	-0.24173E+01	-0.12052E+01	0.41031E+01	-0.75825E+02	-0.27476E+02
169	-0.12048E+02	-0.67666E+00	-0.12033E+01	0.43290E+01	-0.65604E+02	-0.26422E+02
170	-0.19726E+01	0.10491E+01	-0.14022E+01	0.45314E+01	-0.60778E+02	-0.25235E+02
171	0.77563E+01	0.25189E+01	-0.13772E+01	0.47405E+01	-0.53020E+02	-0.23506E+02
172	0.10823E+02	0.26221E+01	-0.10058E+01	0.47802E+01	-0.43974E+02	-0.21423E+02
173	0.82185E+01	0.16491E+01	-0.43154E+00	0.45591E+01	-0.35256E+02	-0.19586E+02
174	0.58581E+01	0.62243E+00	0.20599E+00	0.40107E+01	-0.28969E+02	-0.17514E+02
175	0.10274E+01	-0.40611E+00	0.48463E+00	0.31371E+01	-0.24037E+02	-0.15457E+02
176	-0.82528E+00	-0.66019E+00	0.46152E+00	0.24437E+01	-0.22540E+02	-0.13684E+02
177	-0.16894E+01	-0.55760E+00	0.25357E+00	0.16830E+01	-0.21337E+02	-0.11024E+02
178	-0.80892E+00	-0.88879E-01	-0.39158E-01	0.11198E+01	-0.15644E+02	-0.79601E+01
179	0.32678E+00	0.12370E+00	-0.72765E-01	0.10362E+01	-0.11040E+02	-0.55911E+01
180	0.11190E-01	0.28457E-01	-0.26753E-01	0.85944E+00	-0.64721E+01	-0.33673E+01
181	0.88281E-01	0.10863E+00	-0.84738E-01	0.82393E+00	-0.29655E+01	-0.11558E+01
182	-0.34777E+00	-0.16152E+00	0.95095E-01	0.34021E+00	0.73208E+00	0.60326E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.17582E-01	0.77613E-05	0.17794E-01	0.00000E+00
3	-0.33543E-01	-0.78347E-04	0.33543E-01	0.00000E+00
4	-0.37783E-01	-0.80634E-04	0.37642E-01	0.00000E+00
5	-0.43753E-01	0.30482E-05	0.43737E-01	0.00000E+00
6	-0.47980E-01	-0.35742E-05	0.47983E-01	0.00000E+00
7	-0.43310E-01	-0.39674E-03	0.43856E-01	0.00000E+00
8	-0.48116E-01	-0.33444E-03	0.48158E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.17371E-01	-0.19137E-03	0.17392E-01	0.00000E+00
11	-0.33196E-01	-0.48611E-03	0.33289E-01	0.00000E+00
12	-0.37575E-01	-0.59964E-03	0.37692E-01	0.00000E+00
13	-0.43907E-01	-0.57849E-03	0.44024E-01	0.00000E+00
14	-0.48432E-01	-0.49915E-03	0.48625E-01	0.00000E+00
15	-0.44194E-01	-0.88847E-03	0.44667E-01	0.00000E+00
16	-0.48958E-01	-0.71310E-03	0.49417E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.16948E-01	-0.27121E-03	0.17353E-01	0.00000E+00
19	-0.32905E-01	-0.74571E-03	0.33540E-01	0.00000E+00
20	-0.37601E-01	-0.94175E-03	0.38241E-01	0.00000E+00
21	-0.44481E-01	-0.92848E-03	0.45246E-01	0.00000E+00
22	-0.49715E-01	-0.78647E-03	0.50570E-01	0.00000E+00
23	-0.44878E-01	-0.10718E-02	0.46074E-01	0.00000E+00
24	-0.50732E-01	-0.73779E-03	0.52153E-01	0.00000E+00
25	-0.51333E-01	-0.84204E-03	0.53135E-01	0.00000E+00
26	-0.51693E-01	-0.73832E-03	0.53724E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.16422E-01	-0.31915E-04	0.16765E-01	0.00000E+00
29	-0.32316E-01	-0.44345E-03	0.32903E-01	0.00000E+00
30	-0.37339E-01	-0.67848E-03	0.38043E-01	0.00000E+00
31	-0.45094E-01	-0.86304E-03	0.46576E-01	0.00000E+00
32	-0.52055E-01	-0.65210E-03	0.54346E-01	0.00000E+00
33	-0.45098E-01	-0.83710E-03	0.46579E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.16268E-01	0.44617E-04	0.16374E-01	0.00000E+00
36	-0.32079E-01	-0.14751E-03	0.32260E-01	0.00000E+00
37	-0.37106E-01	-0.29399E-03	0.37304E-01	0.00000E+00
38	-0.45075E-01	-0.55629E-03	0.46374E-01	0.00000E+00
39	-0.52519E-01	-0.72753E-03	0.55274E-01	0.00000E+00
40	-0.52426E-01	-0.72634E-03	0.55072E-01	0.00000E+00
41	-0.52332E-01	-0.72437E-03	0.54879E-01	0.00000E+00
42	-0.52231E-01	-0.71896E-03	0.54657E-01	0.00000E+00
43	-0.36570E-01	0.30076E-03	0.34947E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.15604E-01	0.34450E-03	0.14097E-01	0.00000E+00
46	-0.30681E-01	0.53746E-03	0.27754E-01	0.00000E+00
47	-0.52543E-01	-0.72740E-03	0.55319E-01	0.00000E+00
48	-0.52551E-01	-0.72759E-03	0.55342E-01	0.00000E+00
49	-0.45047E-01	-0.46277E-03	0.46217E-01	0.00000E+00
50	-0.52585E-01	-0.73982E-03	0.55534E-01	0.00000E+00
51	-0.44327E-01	0.64221E-04	0.42847E-01	0.00000E+00
52	-0.51236E-01	-0.33679E-03	0.50201E-01	0.00000E+00
53	-0.52519E-01	-0.72261E-03	0.55246E-01	0.00000E+00
54	-0.35611E-01	0.46627E-03	0.32039E-01	0.00000E+00
55	-0.43085E-01	0.19084E-03	0.38983E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.14697E-01	0.45401E-03	0.10982E-01	0.00000E+00
58	-0.29025E-01	0.86708E-03	0.22178E-01	0.00000E+00
59	-0.49269E-01	-0.30374E-02	0.44892E-01	0.00000E+00
60	-0.50733E-01	-0.68428E-03	0.48592E-01	0.00000E+00
61	-0.52595E-01	-0.74932E-03	0.55646E-01	0.00000E+00
62	-0.33457E-01	0.10170E-02	0.25551E-01	0.00000E+00
63	-0.40054E-01	0.90809E-03	0.30788E-01	0.00000E+00
64	-0.51619E-01	-0.35675E-03	0.50608E-01	0.00000E+00
65	-0.52605E-01	-0.75845E-03	0.55757E-01	0.00000E+00
66	-0.52685E-01	-0.77640E-03	0.55979E-01	0.00000E+00
67	-0.52766E-01	-0.79373E-03	0.56204E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.13849E-01	0.64678E-03	0.81179E-02	0.00000E+00
70	-0.26821E-01	0.13336E-02	0.16215E-01	0.00000E+00
71	-0.46133E-01	0.74054E-03	0.35841E-01	0.00000E+00
72	-0.51720E-01	-0.88390E-03	0.49642E-01	0.00000E+00
73	-0.36864E-01	0.15714E-02	0.22703E-01	0.00000E+00
74	-0.53478E-01	-0.99742E-03	0.51366E-01	0.00000E+00
75	-0.52834E-01	-0.80607E-03	0.56416E-01	0.00000E+00
76	-0.53269E-01	-0.82665E-03	0.56801E-01	0.00000E+00
77	-0.42268E-01	0.13832E-02	0.26149E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.13676E-01	0.32519E-03	0.53998E-02	0.00000E+00
80	-0.24693E-01	0.15987E-02	0.10453E-01	0.00000E+00
81	-0.27991E-01	0.19732E-02	0.12013E-01	0.00000E+00
82	-0.33227E-01	0.19772E-02	0.14715E-01	0.00000E+00
83	-0.51801E-01	0.32977E-03	0.40749E-01	0.00000E+00
84	-0.44169E-01	0.15005E-02	0.22323E-01	0.00000E+00
85	-0.54193E-01	-0.85393E-03	0.57309E-01	0.00000E+00
86	-0.55443E-01	-0.98476E-03	0.53371E-01	0.00000E+00
87	-0.35081E-01	0.19289E-02	0.17417E-01	0.00000E+00
88	-0.54191E-01	-0.39714E-03	0.47359E-01	0.00000E+00
89	-0.55023E-01	-0.87593E-03	0.57804E-01	0.00000E+00
90	-0.26576E-01	0.12125E-02	0.57930E-02	0.00000E+00
91	-0.29265E-01	0.10289E-02	0.58762E-02	0.00000E+00
92	-0.30960E-01	0.82786E-03	0.61829E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.95176E-02	0.00000E+00	-0.61965E-03	0.00000E+00
95	-0.17517E-01	0.00000E+00	-0.11057E-02	0.00000E+00
96	-0.19392E-01	0.00000E+00	-0.12613E-02	0.00000E+00
97	-0.21903E-01	0.00000E+00	-0.10090E-02	0.00000E+00
98	-0.22898E-01	0.00000E+00	-0.64985E-03	0.00000E+00
99	-0.25670E-01	0.66171E-03	0.26542E-02	0.00000E+00
100	-0.33827E-01	0.92972E-03	0.86843E-02	0.00000E+00
101	-0.49017E-01	0.80006E-03	0.24697E-01	0.00000E+00
102	-0.57239E-01	-0.39702E-03	0.58525E-01	0.00000E+00
103	-0.55124E-01	0.20659E-04	0.43414E-01	0.00000E+00
104	-0.58845E-01	-0.10259E-02	0.56022E-01	0.00000E+00
105	-0.59101E-01	-0.91547E-03	0.59195E-01	0.00000E+00
106	-0.57507E-01	-0.30039E-03	0.45394E-01	0.00000E+00
107	-0.61465E-01	-0.11679E-02	0.58003E-01	0.00000E+00
108	-0.60709E-01	-0.91902E-03	0.59812E-01	0.00000E+00
109	-0.62017E-01	-0.91792E-03	0.69355E-01	0.00000E+00
110	-0.60849E-01	-0.87016E-03	0.47886E-01	0.00000E+00
111	-0.63437E-01	-0.13634E-02	0.59534E-01	0.00000E+00
112	-0.63118E-01	-0.90312E-03	0.60826E-01	0.00000E+00
113	-0.62205E-01	-0.91998E-03	0.50899E-01	0.00000E+00
114	-0.63917E-01	-0.88817E-03	0.61207E-01	0.00000E+00
115	-0.64495E-01	-0.86428E-03	0.61503E-01	0.00000E+00
116	-0.64772E-01	-0.83882E-03	0.61689E-01	0.00000E+00

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117	-0.64339E-01	-0.13833E-02	0.60275E-01	0.00000E+00
118	-0.64786E-01	-0.82634E-03	0.61750E-01	0.00000E+00
119	-0.64773E-01	-0.80111E-03	0.61796E-01	0.00000E+00
120	-0.64875E-01	-0.13760E-02	0.60900E-01	0.00000E+00
121	-0.64722E-01	-0.76518E-03	0.61823E-01	0.00000E+00
122	-0.64719E-01	-0.73462E-03	0.61882E-01	-0.75204E-05
123	-0.64697E-01	-0.66852E-03	0.61928E-01	-0.13667E-04
124	-0.64657E-01	-0.56138E-03	0.61975E-01	-0.21112E-04
125	-0.64586E-01	-0.40237E-03	0.62023E-01	-0.30669E-04
126	-0.64407E-01	-0.17319E-04	0.62103E-01	-0.44125E-04
127	-0.64181E-01	0.46214E-03	0.62180E-01	-0.49951E-04
128	-0.63699E-01	0.15525E-02	0.62339E-01	-0.45760E-04
129	-0.63339E-01	0.24218E-02	0.62485E-01	-0.32174E-04
130	-0.63117E-01	0.30148E-02	0.62644E-01	-0.13846E-04
131	-0.63125E-01	0.30481E-02	0.62890E-01	0.90606E-05
132	-0.63335E-01	0.24093E-02	0.63113E-01	0.17200E-04
133	-0.63543E-01	0.16712E-02	0.63314E-01	0.14787E-04
134	-0.63662E-01	0.11640E-02	0.63480E-01	0.88755E-05
135	-0.63719E-01	0.88507E-03	0.63614E-01	0.56199E-05
136	-0.63759E-01	0.62673E-03	0.63711E-01	0.65898E-05
137	-0.63785E-01	0.34968E-03	0.63771E-01	0.66116E-05
138	-0.63803E-01	0.54166E-04	0.63804E-01	0.70996E-05
139	-0.63803E-01	0.66000E-05	0.63803E-01	0.66204E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3400E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.33984E-01	0.46682E-03	0.40728E-01	-0.21436E+01	-0.24291E-01	0.21573E+01
2	0.84806E-01	-0.46603E-02	0.66459E-01	-0.19640E+01	-0.37353E-01	0.19625E+01
3	0.12500E+00	-0.28959E-02	0.49370E-01	-0.16501E+01	-0.20508E-01	0.16537E+01
4	-0.69301E-01	-0.12337E-01	-0.88459E-01	-0.13656E+01	0.41502E-01	0.14061E+01
5	0.63772E-01	0.67259E-02	0.33897E-01	-0.13752E+01	0.31245E-02	0.14058E+01
6	-0.46116E-01	-0.20242E-02	0.89806E-02	-0.14047E+01	0.20104E-01	0.14288E+01
7	-0.50906E-01	-0.21897E-02	-0.22564E-02	-0.10225E+01	0.20050E-01	0.10233E+01
8	-0.11239E+00	-0.60393E-02	-0.13827E-01	-0.10209E+01	0.45207E-01	0.10522E+01
9	0.56006E-02	-0.83270E-01	-0.15894E-01	-0.21003E+01	-0.68947E-02	0.21292E+01
10	0.34554E-01	-0.11487E+00	0.93438E-02	-0.19552E+01	-0.65880E-02	0.19823E+01
11	0.42765E-01	-0.11141E+00	0.77747E-01	-0.17097E+01	0.23309E-01	0.17395E+01
12	-0.21930E+00	-0.10662E+00	-0.79311E-01	-0.14278E+01	0.98023E-01	0.14252E+01
13	-0.17046E-01	-0.63503E-01	0.36910E-01	-0.14621E+01	0.24907E-01	0.15006E+01
14	-0.17660E+00	-0.67030E-01	-0.11103E-01	-0.14980E+01	0.73553E-01	0.15629E+01
15	-0.23624E+00	-0.32445E-01	-0.44690E-01	-0.10884E+01	0.10722E+00	0.10962E+01
16	-0.29203E+00	-0.32276E-01	-0.37594E-01	-0.11308E+01	0.12339E+00	0.11717E+01
17	0.55341E-01	-0.27438E-01	0.27122E-01	-0.20322E+01	-0.27845E-01	0.20877E+01
18	0.10771E+00	-0.78477E-01	0.53734E-01	-0.19279E+01	-0.61178E-01	0.19871E+01
19	0.16456E+00	-0.12174E+00	0.11454E+00	-0.17392E+01	-0.10210E+00	0.18469E+01
20	-0.27400E+00	-0.12491E+00	-0.58405E-01	-0.15166E+01	0.11349E+00	0.15585E+01
21	0.36842E-01	-0.12244E+00	0.51232E-01	-0.15813E+01	-0.48193E-01	0.17507E+01
22	-0.24422E+00	-0.24836E+00	-0.96762E-01	-0.16436E+01	0.52390E-01	0.18766E+01
23	-0.38249E+00	-0.20512E-01	-0.42230E-01	-0.12512E+01	0.17523E+00	0.13132E+01
24	-0.79637E+00	-0.21272E+00	-0.25950E+00	-0.13498E+01	0.30333E+00	0.13933E+01
25	-0.34216E+00	-0.61951E-01	-0.13952E-01	-0.14100E+01	0.14624E+00	0.15921E+01
26	-0.10615E+01	-0.47135E+00	-0.44679E+00	-0.14671E+01	0.36699E+00	0.17649E+01
27	0.11219E+00	0.70801E-01	0.80767E-01	-0.19826E+01	-0.49451E-01	0.20254E+01
28	0.17403E+00	0.13041E-01	0.95367E-01	-0.18870E+01	-0.13086E+00	0.19608E+01
29	0.31604E+00	-0.47181E-01	0.13286E+00	-0.16802E+01	-0.35030E+00	0.18858E+01
30	-0.29519E-01	-0.10503E+00	0.46847E-01	-0.16662E+01	-0.34677E-01	0.18723E+01
31	0.14980E+00	-0.11617E+00	0.84611E-01	-0.15986E+01	-0.23134E+00	0.19501E+01
32	-0.36083E-01	-0.17712E+00	-0.89082E-02	-0.15602E+01	-0.14849E+00	0.19806E+01
33	-0.80163E+00	-0.34157E+00	-0.29952E+00	-0.16482E+01	0.21346E+00	0.18592E+01
34	-0.20453E+01	-0.11909E+01	-0.11220E+01	-0.17429E+01	0.51250E+00	0.20200E+01
35	-0.30466E+00	-0.29123E-01	0.41883E-01	-0.17439E+01	0.16520E+00	0.20197E+01
36	0.25410E+00	0.21245E+00	0.32698E+00	-0.16010E+01	-0.17134E+00	0.20889E+01
37	-0.58563E+00	-0.44657E+00	-0.24223E+00	-0.17936E+01	0.17806E+00	0.21610E+01
38	0.20713E+00	0.20815E+00	0.14680E+00	-0.19372E+01	-0.72873E-01	0.18602E+01
39	0.30595E+00	0.17560E+00	0.13270E+00	-0.18653E+01	-0.21623E+00	0.18016E+01
40	0.42041E+00	0.11249E-01	0.82566E-01	-0.16773E+01	-0.64254E+00	0.18513E+01
41	0.55562E+00	0.29753E+00	0.99974E-01	-0.17702E+01	-0.57144E+00	0.18020E+01
42	0.75145E+00	0.16184E+00	0.14225E-01	-0.16878E+01	-0.71498E+00	0.15554E+01
43	0.33763E+00	0.10271E+00	0.19504E+00	-0.16146E+01	-0.36795E+00	0.19949E+01
44	0.53520E+00	0.17952E+00	0.24202E+00	-0.15813E+01	-0.59705E+00	0.17124E+01
45	0.83303E+00	0.32776E+00	0.31479E+00	-0.16631E+01	-0.58660E+00	0.17075E+01
46	0.45015E+00	0.13232E-01	0.67595E-03	-0.15920E+01	-0.41557E+00	0.14977E+01
47	-0.91151E-01	-0.15284E+00	0.53517E-01	-0.16987E+01	-0.11882E+00	0.21842E+01
48	0.14556E+00	-0.35236E-01	0.21235E+00	-0.18039E+01	-0.14528E+00	0.22082E+01
49	0.35325E+00	-0.23166E-01	0.22506E+00	-0.17656E+01	-0.47418E+00	0.23567E+01
50	0.17360E+01	0.49321E+00	0.89563E+00	-0.15125E+01	-0.12642E+01	0.16052E+01
51	0.35855E+00	0.26220E+00	0.45748E+00	-0.73260E-01	-0.16133E+00	0.43599E+00
52	0.79376E+00	0.23742E+00	0.56478E+00	0.52641E+00	-0.70194E+00	-0.21572E+01
53	0.73835E+00	-0.79539E-01	0.80915E-01	-0.13603E+01	-0.66540E+00	0.13942E+01
54	0.35614E+00	0.41120E+00	0.25127E+00	-0.18411E+01	-0.94064E-01	0.15288E+01

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55	0.47745E+00	0.32683E+00	0.15735E+00	-0.17865E+01	-0.26000E+00	0.15096E+01
56	0.80244E+00	0.24313E+00	-0.11717E+00	-0.16151E+01	-0.71900E+00	0.13816E+01
57	0.72797E+00	0.19529E+00	0.51753E-01	-0.14694E+01	-0.52284E+00	0.13078E+01
58	0.79068E+00	0.11707E+00	0.41154E-02	-0.12577E+01	-0.61912E+00	0.11806E+01
59	0.24437E+00	0.39984E+00	0.21232E+00	-0.17963E+01	-0.16273E-01	0.13394E+01
60	0.53306E+00	0.56681E+00	0.33062E+00	-0.16917E+01	-0.17098E+00	0.98689E+00
61	0.45678E+00	0.50162E+00	0.24390E+00	-0.16795E+01	-0.14952E+00	0.98672E+00
62	0.29485E+00	0.49656E+00	0.24056E+00	-0.15982E+01	0.27143E-01	0.65706E+00
63	0.55289E+00	0.44156E+00	0.15750E+00	-0.16508E+01	-0.23785E+00	0.11679E+01
64	0.57922E+00	0.54501E+00	0.15863E+00	-0.14864E+01	-0.20697E+00	0.79167E+00
65	0.38032E+00	0.34393E+00	-0.21040E+00	-0.15568E+01	-0.65243E+00	0.12036E+01
66	0.10870E+01	0.40363E+00	-0.25463E+00	-0.13608E+01	-0.72284E+00	0.90750E+00
67	0.36533E+00	0.51578E+00	-0.33627E+00	-0.11702E+01	-0.55634E+00	0.53732E+00
68	0.91528E+00	0.31521E+00	0.37984E-01	-0.13717E+01	-0.53852E+00	0.11166E+01
69	0.78357E+00	0.34238E+00	-0.42072E-01	-0.12389E+01	-0.41069E+00	0.82830E+00
70	0.10813E+01	0.45264E+00	0.44323E-01	-0.10994E+01	-0.48891E+00	0.56239E+00
71	0.94077E+00	0.24793E+00	-0.51190E-01	-0.11929E+01	-0.58225E+00	0.90340E+00
72	0.10394E+01	0.31017E+00	-0.84723E-01	-0.10700E+01	-0.50144E+00	0.64398E+00
73	0.25617E+00	0.29173E+00	0.12029E+00	-0.13883E+01	-0.19859E-01	0.29049E+00
74	0.37763E+00	0.27535E+00	-0.20140E-01	-0.12210E+01	-0.60661E-01	0.27431E+00
75	0.70193E+00	0.26082E+00	-0.42765E+00	-0.10138E+01	-0.17972E+00	0.24331E+00
76	0.84330E+00	0.29456E+00	-0.11291E+00	-0.11677E+01	-0.18376E+00	0.56662E+00
77	0.59244E+00	0.31773E+00	-0.14081E+00	-0.73279E+00	-0.10731E+00	0.80410E-01
78	0.58684E+00	0.15586E+00	-0.19718E+00	-0.59669E+00	-0.11823E+00	0.51353E-01
79	0.99225E+00	0.28475E+00	-0.10455E+00	-0.82064E+00	-0.22360E+00	0.28550E+00
80	0.10219E+01	0.27671E+00	-0.51659E-01	-0.55154E+00	-0.94370E-01	0.92391E-02
81	0.55007E+00	0.12630E+00	-0.25956E+00	-0.29553E+00	-0.10544E+00	0.43437E-02
82	0.61581E+00	0.16414E+00	-0.20546E+00	-0.26936E+00	-0.10061E+00	0.32737E-01
83	0.91295E+00	0.13561E+00	-0.18294E+00	-0.50502E+00	-0.83205E-01	0.77573E-01
84	0.11812E+01	0.28832E+00	-0.71991E-01	-0.54985E+00	-0.26119E+00	0.58804E-01
85	0.13740E+01	0.23752E+00	-0.70031E-01	-0.83536E+00	-0.36042E+00	0.45440E+00
86	0.13290E+01	0.20546E+00	-0.15038E+00	-0.68232E+00	-0.34254E+00	0.30910E+00
87	0.99664E+00	0.17886E+00	-0.22735E+00	-0.84116E+00	-0.50767E+00	0.54329E+00
88	0.10857E+01	0.19823E+00	-0.95662E-01	-0.92974E+00	-0.69221E+00	0.74723E+00
89	0.11727E+01	0.20638E+00	-0.70693E-01	-0.83977E+00	-0.74204E+00	0.71253E+00
90	0.12474E+01	0.16441E+00	-0.17247E+00	-0.59744E+00	-0.77835E+00	0.31091E+00
91	0.13585E+01	0.29601E+00	-0.98121E-02	-0.58670E+00	-0.84331E+00	0.53379E+00
92	0.13236E+01	0.25603E+00	-0.57182E-01	-0.46726E+00	-0.83708E+00	0.39307E+00
93	0.87179E+00	-0.22263E+00	0.85449E-01	-0.98284E+00	-0.77418E+00	0.11513E+01
94	0.94439E+00	0.16001E+00	0.17526E+00	-0.98553E+00	-0.71293E+00	0.10814E+01
95	0.68213E+00	0.36803E+00	0.20195E+00	-0.72447E+00	-0.69749E+00	0.83145E+00
96	0.83039E+00	0.14095E+00	-0.11670E-02	-0.10124E+01	-0.66939E+00	0.93277E+00
97	0.59697E+00	0.25032E+00	0.10675E+00	-0.84411E+00	-0.69247E+00	0.73498E+00
98	0.72401E+00	0.19308E+00	-0.13172E-01	-0.70589E+00	-0.65420E+00	0.69635E+00
99	0.72941E+00	-0.20358E-01	-0.19429E+00	-0.81248E+00	-0.63467E+00	0.72202E+00
100	0.61940E+00	0.12988E-01	-0.14814E+00	-0.61744E+00	-0.64670E+00	0.54825E+00
101	0.75004E+00	0.14505E+00	-0.72751E-02	-0.49237E+00	-0.65950E+00	0.43342E+00
102	0.58187E+00	-0.47609E-01	-0.29240E+00	-0.49842E+00	-0.62624E+00	0.44081E+00
103	0.44743E+00	0.10913E+00	-0.14630E+00	-0.19504E+00	-0.59380E+00	0.22589E+00
104	0.46988E+00	0.14303E+00	-0.12420E+00	-0.88593E-01	-0.59365E+00	0.17014E+00
105	0.91187E+00	0.79253E-01	0.29546E+00	-0.36541E+00	-0.90852E+00	0.10499E+01
106	0.13542E+01	0.82154E+00	0.98757E+00	-0.61679E-01	-0.96622E+00	0.50698E+00
107	0.10764E+01	0.61267E+00	0.74736E+00	-0.45697E+00	-0.92946E+00	0.73447E+00
108	0.39506E+00	0.55319E+00	0.63735E+00	-0.47280E+00	-0.89496E+00	0.74364E+00
109	0.79083E+00	0.45419E+00	0.60756E+00	-0.18937E+00	-0.89725E+00	0.50965E+00
110	0.16097E+00	-0.34010E-01	0.99244E-01	-0.68833E+00	-0.82754E+00	0.78843E+00
111	-0.90793E-01	-0.78810E-01	0.49856E-01	-0.49496E+00	-0.77799E+00	0.43910E+00
112	-0.10593E+00	-0.93691E-01	0.26837E-01	-0.77333E+00	-0.77408E+00	0.43542E+00
113	-0.23321E+00	-0.14956E+00	-0.17694E+00	-0.81883E+00	-0.66051E+00	0.83708E+00
114	-0.28464E+00	-0.20658E+00	-0.10669E+00	-0.69335E+00	-0.63240E+00	0.42537E+00

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115	-0.32033E+00	-0.22941E+00	-0.17320E+00	-0.12125E+01	-0.61701E+00	0.41345E+00
116	-0.83629E-01	-0.13099E+00	-0.16594E+00	-0.93455E+00	-0.49980E+00	0.74098E+00
117	0.11947E+00	0.30294E-01	0.26021E-01	-0.10234E+01	-0.41753E+00	0.38684E+00
118	0.73549E-01	0.53127E-02	-0.51794E-01	-0.83601E+00	-0.39918E+00	0.35826E+00
119	0.67705E-01	-0.15835E+00	-0.19569E+00	-0.73458E+00	-0.32220E+00	0.56123E+00
120	0.24615E+00	0.98585E-01	-0.38992E-02	-0.74256E+00	-0.26780E+00	0.31936E+00
121	0.21810E+00	0.79934E-01	-0.55396E-01	-0.62976E+00	-0.25609E+00	0.28052E+00
122	-0.44939E-02	-0.23648E+00	-0.33155E+00	-0.59547E+00	-0.20181E+00	0.44173E+00
123	0.92034E-01	-0.29875E-02	-0.17515E+00	-0.49828E+00	-0.15131E+00	0.23279E+00
124	0.77023E-01	-0.13734E-01	-0.20193E+00	-0.37766E+00	-0.14543E+00	0.18630E+00
125	0.10780E+00	-0.57815E-01	-0.22396E+00	-0.30017E+00	-0.12939E+00	0.22947E+00
126	0.65864E-01	-0.23750E-01	-0.22178E+00	-0.22401E+00	-0.10622E+00	0.12648E+00
127	0.63288E-01	-0.26852E-01	-0.22511E+00	-0.89102E-01	-0.10584E+00	0.91380E-01
128	-0.14694E+00	-0.18817E+00	-0.37464E+00	-0.15076E+00	-0.80904E-01	0.12807E+00
129	-0.37809E+00	-0.29783E+00	-0.50212E+00	-0.55068E-01	-0.42236E-01	0.39493E-01
130	0.11102E+01	0.26910E-01	0.35390E+00	-0.14132E+01	-0.96029E+00	0.16043E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.17572E+00	0.11715E+01	-0.99575E+00	-0.24649E+02	0.45558E+01	0.10684E+02
131	-0.10765E-01	-0.71764E-01	0.60999E-01	-0.57509E+02	0.58394E+01	0.31113E+02
132	0.16457E-01	0.10971E+00	-0.93255E-01	-0.95561E+02	0.96994E+01	0.53092E+02
133	-0.15605E-01	-0.10403E+00	0.88427E-01	-0.13764E+03	0.13968E+02	0.77448E+02
134	-0.28240E-01	-0.18827E+00	0.16003E+00	-0.18479E+03	0.18922E+02	0.10671E+03
135	0.16208E-01	0.10835E+00	-0.91844E-01	-0.21811E+03	0.23915E+02	0.13301E+03
136	-0.41901E-01	-0.27934E+00	0.23744E+00	-0.24801E+03	0.25585E+02	0.15165E+03
137	-0.77720E-01	-0.53147E+00	0.45175E+00	-0.24856E+03	0.30341E+02	0.15978E+03
138	0.22674E+00	0.15115E+01	-0.10571E+01	-0.25541E+03	0.68495E+02	0.17289E+03
139	0.18840E+00	0.12560E+01	-0.29162E+00	-0.24862E+03	0.14539E+03	0.18196E+03
140	-0.20516E+00	-0.13677E+01	0.11626E+01	-0.31269E+03	0.17635E+03	0.20661E+03
141	-0.21200E+00	-0.14133E+01	0.12013E+01	-0.31253E+03	0.17992E+03	0.21996E+03
142	-0.22572E+00	-0.15048E+01	0.12791E+01	-0.32689E+03	0.18035E+03	0.23426E+03
143	-0.23895E+00	-0.15930E+01	0.13540E+01	0.11871E+03	0.24638E+03	-0.21294E+03
144	-0.30280E+00	-0.20533E+01	0.17450E+01	0.11732E+03	0.23998E+03	-0.20206E+03
145	0.44702E+00	0.29801E+01	-0.31922E+01	-0.37060E+02	0.18172E+03	-0.46016E+03
146	0.13694E+00	0.12463E+01	-0.23149E+01	-0.53104E+02	0.13628E+03	-0.39432E+03
147	0.19325E+00	0.12884E+01	-0.22892E+01	-0.49553E+02	0.14169E+03	-0.38889E+03
148	0.20081E+00	0.13387E+01	0.25830E+00	-0.47347E+02	0.14785E+03	-0.38979E+03
149	0.20975E+00	0.13983E+01	0.23255E+00	-0.43873E+02	0.15527E+03	-0.39662E+03
150	0.24301E+00	0.16201E+01	-0.11293E+00	-0.23812E+02	0.17123E+03	-0.33580E+03
151	0.29440E+00	0.19627E+01	0.87100E+01	-0.16841E+02	0.19536E+03	-0.39494E+03
152	0.27513E+00	0.18342E+01	0.16030E+02	-0.18554E+02	0.18215E+03	-0.39185E+03
153	0.24338E+00	0.16259E+01	0.14247E+02	-0.12686E+02	0.16203E+03	-0.38312E+03
154	0.16812E+00	0.11208E+01	0.27939E+02	-0.68402E+01	0.11198E+03	-0.37259E+03
155	0.57103E-01	0.38069E+00	0.23224E+02	-0.15267E+02	0.36093E+02	-0.34852E+03
156	-0.33239E-01	-0.22159E+00	0.19879E+02	-0.75033E+01	-0.23468E+02	-0.32290E+03
157	-0.10594E+00	-0.70627E+00	0.15981E+02	-0.96555E+01	-0.72658E+02	-0.28684E+03
158	-0.16364E+00	-0.10910E+01	0.13367E+02	-0.56477E+01	-0.11084E+03	-0.25184E+03
159	-0.20702E+00	-0.13801E+01	0.95392E+01	0.15253E+01	-0.13892E+03	-0.20725E+03
160	-0.25598E+00	-0.15732E+01	0.67807E+01	0.30494E+01	-0.15816E+03	-0.16567E+03
161	-0.27739E+00	-0.16493E+01	0.33715E+01	0.33739E+01	-0.17411E+03	-0.11476E+03
162	-0.28459E+00	-0.13973E+01	-0.19266E+00	0.24835E+01	-0.16776E+03	-0.78318E+02
163	-0.32284E+00	-0.21523E+01	-0.63607E+00	0.10306E+02	-0.18918E+03	-0.53480E+02
164	-0.31943E+00	-0.21028E+01	-0.11056E+01	0.18387E+02	-0.18359E+03	-0.36741E+02

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165	-0.16210E+03	-0.24057E+02	-0.58372E+00	-0.66530E+01	-0.18446E+03	-0.29215E+02
166	-0.13013E+03	-0.17730E+02	-0.21670E+01	-0.44501E+01	-0.17118E+03	-0.26854E+02
167	-0.10244E+03	-0.12963E+02	-0.25808E+01	-0.32084E+01	-0.14607E+03	-0.24921E+02
168	-0.77631E+02	-0.93151E+01	-0.24796E+01	-0.19667E+01	-0.12044E+03	-0.23309E+02
169	-0.48937E+02	-0.45415E+01	-0.28785E+01	-0.85307E+00	-0.10347E+03	-0.21533E+02
170	-0.20804E+02	0.59929E+00	-0.37504E+01	0.38928E+00	-0.93252E+02	-0.19510E+02
171	0.77317E+01	0.54541E+01	-0.42120E+01	0.20322E+01	-0.74920E+02	-0.16669E+02
172	0.23765E+02	0.74792E+01	-0.37594E+01	0.36457E+01	-0.51112E+02	-0.13569E+02
173	0.23298E+02	0.59172E+01	-0.22802E+01	0.44636E+01	-0.29914E+02	-0.11339E+02
174	0.14410E+02	0.28407E+01	-0.61757E+00	0.44800E+01	-0.14727E+02	-0.96496E+01
175	0.33335E+01	0.14239E+00	0.32867E+00	0.35185E+01	-0.97023E+01	-0.86727E+01
176	-0.74759E+00	-0.55091E+00	0.39177E+00	0.26115E+01	-0.10849E+02	-0.79621E+01
177	-0.13851E+01	-0.43295E+00	0.19335E+00	0.18198E+01	-0.11491E+02	-0.65183E+01
178	-0.54454E+00	-0.72743E-01	-0.11134E-01	0.12463E+01	-0.86485E+01	-0.47181E+01
179	0.16972E+00	0.65383E-01	-0.37083E-01	0.10310E+01	-0.61304E+01	-0.33241E+01
180	0.59492E-02	0.20758E-01	-0.18387E-01	0.77298E+00	-0.35908E+01	-0.20059E+01
181	0.54873E-01	0.59669E-01	-0.45057E-01	0.60025E+00	-0.16410E+01	-0.70168E+00
182	-0.21170E+00	-0.98324E-01	0.57885E-01	0.20418E+00	0.38111E+00	0.20092E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.49726E-01	-0.39738E-04	-0.50069E-01	0.00000E+00
3	0.94409E-01	0.16688E-03	-0.94458E-01	0.00000E+00
4	0.10624E+00	0.19337E-03	-0.10606E+00	0.00000E+00
5	0.12280E+00	0.12105E-04	-0.12278E+00	0.00000E+00
6	0.13446E+00	0.53934E-05	-0.13447E+00	0.00000E+00
7	0.12300E+00	0.75753E-03	-0.12306E+00	0.00000E+00
8	0.13432E+00	0.55659E-03	-0.13491E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.49053E-01	0.37706E-03	-0.48987E-01	0.00000E+00
11	0.93533E-01	0.53778E-03	-0.93580E-01	0.00000E+00
12	0.10581E+00	0.11360E-02	-0.10592E+00	0.00000E+00
13	0.12328E+00	0.98528E-03	-0.12341E+00	0.00000E+00
14	0.13567E+00	0.71276E-03	-0.13608E+00	0.00000E+00
15	0.12409E+00	0.15807E-02	-0.12503E+00	0.00000E+00
16	0.13709E+00	0.10322E-02	-0.13809E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.48211E-01	0.50602E-03	-0.48817E-01	0.00000E+00
19	0.93047E-01	0.13699E-02	-0.94094E-01	0.00000E+00
20	0.10608E+00	0.17202E-02	-0.10719E+00	0.00000E+00
21	0.12493E+00	0.15327E-02	-0.12642E+00	0.00000E+00
22	0.13913E+00	0.10466E-02	-0.14102E+00	0.00000E+00
23	0.12608E+00	0.18221E-02	-0.12853E+00	0.00000E+00
24	0.14188E+00	0.81275E-03	-0.14508E+00	0.00000E+00
25	0.14350E+00	0.10374E-02	-0.14761E+00	0.00000E+00
26	0.14447E+00	0.87586E-03	-0.14913E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.47236E-01	0.61545E-04	-0.47326E-01	0.00000E+00
29	0.91992E-01	0.59789E-03	-0.92440E-01	0.00000E+00
30	0.10576E+00	0.10104E-02	-0.10663E+00	0.00000E+00
31	0.12681E+00	0.12598E-02	-0.12979E+00	0.00000E+00
32	0.14545E+00	0.49553E-03	-0.15073E+00	0.00000E+00
33	0.12688E+00	0.11956E-02	-0.12982E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.46963E-01	-0.22427E-03	-0.46386E-01	0.00000E+00
36	0.91565E-01	-0.78202E-04	-0.90869E-01	0.00000E+00
37	0.10530E+00	0.10966E-03	-0.10479E+00	0.00000E+00
38	0.12689E+00	0.43906E-03	-0.12931E+00	0.00000E+00
39	0.14670E+00	0.69477E-03	-0.15308E+00	0.00000E+00
40	0.14645E+00	0.69250E-03	-0.15257E+00	0.00000E+00
41	0.14620E+00	0.68819E-03	-0.15208E+00	0.00000E+00
42	0.14592E+00	0.67364E-03	-0.15152E+00	0.00000E+00
43	0.10421E+00	-0.97236E-03	-0.99030E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.45483E-01	-0.66532E-03	-0.40937E-01	0.00000E+00
46	0.88919E-01	-0.10893E-02	-0.79952E-01	0.00000E+00
47	0.14676E+00	0.69486E-03	-0.15319E+00	0.00000E+00
48	0.14678E+00	0.69491E-03	-0.15325E+00	0.00000E+00
49	0.12685E+00	0.26651E-03	-0.12692E+00	0.00000E+00
50	0.14687E+00	0.71305E-03	-0.15377E+00	0.00000E+00
51	0.12526E+00	-0.64477E-03	-0.12044E+00	0.00000E+00
52	0.14373E+00	0.15007E-02	-0.14011E+00	0.00000E+00
53	0.14670E+00	0.70150E-03	-0.15298E+00	0.00000E+00
54	0.10188E+00	-0.89386E-03	-0.91911E-01	0.00000E+00
55	0.12232E+00	-0.26826E-03	-0.11094E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.43037E-01	-0.11236E-02	-0.33656E-01	0.00000E+00
58	0.84101E-01	-0.11422E-02	-0.66737E-01	0.00000E+00
59	0.13854E+00	0.85470E-03	-0.12695E+00	0.00000E+00
60	0.14239E+00	0.12919E-02	-0.13604E+00	0.00000E+00
61	0.14690E+00	0.73291E-03	-0.15407E+00	0.00000E+00
62	0.96514E-01	-0.12566E-02	-0.76510E-01	0.00000E+00
63	0.11480E+00	-0.82549E-03	-0.91288E-01	0.00000E+00
64	0.14463E+00	0.15471E-02	-0.14122E+00	0.00000E+00
65	0.14693E+00	0.75170E-03	-0.15436E+00	0.00000E+00
66	0.14714E+00	0.78839E-03	-0.15496E+00	0.00000E+00
67	0.14736E+00	0.82343E-03	-0.15556E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.40579E-01	-0.10391E-02	-0.26759E-01	0.00000E+00
70	0.78269E-01	-0.21928E-02	-0.52498E-01	0.00000E+00
71	0.13144E+00	-0.34813E-03	-0.10512E+00	0.00000E+00
72	0.14501E+00	0.17603E-02	-0.13883E+00	0.00000E+00
73	0.10669E+00	-0.21905E-02	-0.71985E-01	0.00000E+00
74	0.14969E+00	0.19812E-02	-0.14341E+00	0.00000E+00
75	0.14754E+00	0.84607E-03	-0.15613E+00	0.00000E+00
76	0.14870E+00	0.88084E-03	-0.15716E+00	0.00000E+00
77	0.12163E+00	-0.14299E-02	-0.82009E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.38419E-01	-0.15149E-02	-0.20493E-01	0.00000E+00
80	0.72557E-01	-0.27647E-02	-0.38645E-01	0.00000E+00
81	0.82207E-01	-0.34192E-02	-0.43847E-01	0.00000E+00
82	0.97140E-01	-0.31028E-02	-0.52128E-01	0.00000E+00
83	0.14624E+00	0.69373E-03	-0.11820E+00	0.00000E+00
84	0.12721E+00	-0.11884E-02	-0.73978E-01	0.00000E+00
85	0.15115E+00	0.92667E-03	-0.15852E+00	0.00000E+00
86	0.15485E+00	0.18175E-02	-0.14876E+00	0.00000E+00
87	0.11074E+00	-0.26430E-02	-0.60156E-01	0.00000E+00
88	0.15209E+00	0.14030E-02	-0.13420E+00	0.00000E+00
89	0.15336E+00	0.95982E-03	-0.15985E+00	0.00000E+00
90	0.79900E-01	-0.21667E-02	-0.24055E-01	0.00000E+00
91	0.87192E-01	-0.15761E-02	-0.25149E-01	0.00000E+00
92	0.92226E-01	-0.96559E-03	-0.26412E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.28022E-01	0.00000E+00	0.44835E-03	0.00000E+00
95	0.52260E-01	0.00000E+00	0.28230E-03	0.00000E+00
96	0.58217E-01	0.00000E+00	0.20236E-03	0.00000E+00
97	0.66040E-01	0.00000E+00	-0.11418E-02	0.00000E+00
98	0.69280E-01	0.00000E+00	-0.18815E-02	0.00000E+00
99	0.77138E-01	-0.11729E-02	-0.13794E-01	0.00000E+00
100	0.10026E+00	-0.87780E-03	-0.34359E-01	0.00000E+00
101	0.14002E+00	0.77560E-03	-0.80497E-01	0.00000E+00
102	0.15916E+00	0.97864E-03	-0.16178E+00	0.00000E+00
103	0.15490E+00	0.14880E-02	-0.12520E+00	0.00000E+00
104	0.15366E+00	0.17322E-02	-0.15571E+00	0.00000E+00
105	0.16402E+00	0.99397E-03	-0.16358E+00	0.00000E+00
106	0.16080E+00	0.22371E-02	-0.13024E+00	0.00000E+00
107	0.17033E+00	0.19584E-02	-0.16089E+00	0.00000E+00
108	0.16818E+00	0.97200E-03	-0.16523E+00	0.00000E+00
109	0.17154E+00	0.94294E-03	-0.16669E+00	0.00000E+00
110	0.16869E+00	0.35898E-02	-0.13630E+00	0.00000E+00
111	0.17531E+00	0.23666E-02	-0.16482E+00	0.00000E+00
112	0.17433E+00	0.89406E-03	-0.16797E+00	0.00000E+00
113	0.17187E+00	0.32133E-02	-0.14374E+00	0.00000E+00
114	0.17634E+00	0.82598E-03	-0.16901E+00	0.00000E+00
115	0.17777E+00	0.75109E-03	-0.16984E+00	0.00000E+00
116	0.17842E+00	0.67942E-03	-0.17038E+00	0.00000E+00

295

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296

117	0.17723E+00	0.23943E-02	-0.16677E+00	0.00000E+00
118	0.17845E+00	0.34544E-03	-0.17057E+00	0.00000E+00
119	0.17840E+00	0.58166E-03	-0.17074E+00	0.00000E+00
120	0.17823E+00	0.23926E-02	-0.16838E+00	0.00000E+00
121	0.17824E+00	0.49621E-03	-0.17088E+00	0.00000E+00
122	0.17824E+00	0.41804E-03	-0.17103E+00	0.19197E-04
123	0.17813E+00	0.24941E-03	-0.17116E+00	0.34803E-04
124	0.17805E+00	-0.23215E-04	-0.17128E+00	0.53630E-04
125	0.17790E+00	-0.42676E-03	-0.17141E+00	0.77701E-04
126	0.17745E+00	-0.14010E-02	-0.17163E+00	0.11143E-03
127	0.17688E+00	-0.26108E-02	-0.17184E+00	0.12585E-03
128	0.17567E+00	-0.53517E-02	-0.17227E+00	0.11461E-03
129	0.17475E+00	-0.75195E-02	-0.17267E+00	0.79647E-04
130	0.17424E+00	-0.89669E-02	-0.17310E+00	0.32683E-04
131	0.17430E+00	-0.89397E-02	-0.17377E+00	-0.25510E-04
132	0.17487E+00	-0.72040E-02	-0.17437E+00	-0.46169E-04
133	0.17543E+00	-0.52177E-02	-0.17490E+00	-0.40120E-04
134	0.17577E+00	-0.37936E-02	-0.17535E+00	-0.26105E-04
135	0.17595E+00	-0.28843E-02	-0.17570E+00	-0.19062E-04
136	0.17607E+00	-0.20141E-02	-0.17596E+00	-0.21198E-04
137	0.17615E+00	-0.11151E-02	-0.17612E+00	-0.21010E-04
138	0.17621E+00	-0.17056E-03	-0.17621E+00	-0.22132E-04
139	0.17621E+00	-0.20899E-04	-0.17621E+00	-0.20950E-04

000299

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3500E+01

297

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.11396E+00	-0.21739E-01	-0.83639E-01	0.60524E+01	0.51889E-01	-0.60663E+01
2	-0.22437E+00	-0.12263E-01	-0.13454E+00	0.54942E+01	0.89094E-01	-0.54929E+01
3	-0.29143E+00	-0.91899E-02	-0.96220E-01	0.45509E+01	0.79846E-01	-0.45762E+01
4	0.16412E+00	0.13597E-01	0.14479E+00	0.37229E+01	-0.75429E-01	-0.37971E+01
5	-0.15044E+00	-0.32198E-01	-0.70960E-01	0.37633E+01	0.11640E-01	-0.38226E+01
6	0.12332E+00	-0.41114E-01	0.24833E-02	0.38256E+01	-0.52986E-01	-0.33925E+01
7	0.15873E+00	0.91464E-02	0.34178E-01	0.27487E+01	-0.53180E-01	-0.27572E+01
8	0.31495E+00	0.53579E-02	0.70006E-01	0.27482E+01	-0.11695E+00	-0.28397E+01
9	-0.45573E-02	0.16769E+00	0.46023E-01	0.59489E+01	0.13350E-01	-0.59882E+01
10	-0.39396E-01	0.23618E+00	0.20440E-01	0.54796E+01	0.76626E-02	-0.55327E+01
11	0.51407E-02	0.23898E+00	-0.80164E-01	0.47182E+01	-0.76931E-01	-0.47952E+01
12	0.62542E+00	0.26725E+00	0.27129E+00	0.38920E+01	-0.26167E+00	-0.33840E+01
13	0.10614E+00	0.12310E+00	-0.29778E-01	0.39835E+01	-0.70861E-01	-0.40912E+01
14	0.51260E+00	0.12869E+00	0.93597E-01	0.40742E+01	-0.19352E+00	-0.42465E+01
15	0.65938E+00	0.73113E-01	0.16748E+00	0.29288E+01	-0.28220E+00	-0.29617E+01
16	0.82181E+00	0.69805E-01	0.16433E+00	0.30460E+01	-0.32210E+00	-0.31666E+01
17	-0.10294E+00	0.39920E-01	-0.40055E-01	0.58161E+01	0.61468E-01	-0.58798E+01
18	-0.18331E+00	0.14076E+00	-0.63775E-01	0.54292E+01	0.13517E+00	-0.55432E+01
19	-0.23167E+00	0.25438E+00	-0.13065E+00	0.48027E+01	0.21957E+00	-0.50740E+01
20	0.80333E+00	0.30642E+00	0.24718E+00	0.41351E+01	-0.31047E+00	-0.42376E+01
21	0.80424E-02	0.26079E+00	-0.41528E-01	0.43031E+01	0.10293E+00	-0.47383E+01
22	0.71932E+00	0.57065E+00	0.32901E+00	0.44610E+01	-0.15476E+00	-0.50615E+01
23	0.10765E+01	0.38067E-01	0.19184E+00	0.33676E+01	-0.46582E+00	-0.35428E+01
24	0.21571E+01	0.53229E+00	0.75727E+00	0.36222E+01	-0.79977E+00	-0.37515E+01
25	0.98040E+00	0.11392E+00	0.11561E+00	0.37825E+01	-0.39444E+00	-0.42704E+01
26	0.28136E+01	0.11301E+01	0.12108E+01	0.39184E+01	-0.96688E+00	-0.47205E+01
27	-0.22424E+00	-0.17874E+00	-0.15301E+00	0.57224E+01	0.10944E+00	-0.57259E+01
28	-0.31833E+00	-0.67323E-01	-0.14190E+00	0.53458E+01	0.29585E+00	-0.54775E+01
29	-0.53347E+00	0.63211E-01	-0.15975E+00	0.46652E+01	0.81656E+00	-0.51744E+01
30	0.19017E+00	0.21815E+00	-0.23101E-01	0.45250E+01	0.51952E-01	-0.50521E+01
31	-0.34485E+00	0.20156E+00	-0.14494E+00	0.43737E+01	0.55051E+00	-0.52536E+01
32	0.19631E+00	0.34556E+00	0.92162E-01	0.42617E+01	0.34308E+00	-0.53290E+01
33	0.21955E+01	0.82940E+00	0.86474E+00	0.44073E+01	-0.58888E+00	-0.49675E+01
34	0.53833E+01	0.29981E+01	0.29671E+01	0.46450E+01	-0.13611E+01	-0.53842E+01
35	-0.73189E+00	-0.10635E+00	-0.14262E+00	0.46549E+01	-0.43562E+00	-0.53839E+01
36	-0.52309E+00	-0.61040E+00	-0.75039E+00	0.42912E+01	0.40465E+00	-0.55599E+01
37	0.14432E+01	0.94616E+00	0.57557E+00	0.47706E+01	-0.46871E+00	-0.57389E+01
38	-0.42755E+00	-0.43262E+00	-0.27345E+00	0.56340E+01	0.16568E+00	-0.53321E+01
39	-0.64392E+00	-0.38883E+00	-0.20927E+00	0.53292E+01	0.50054E+00	-0.50925E+01
40	-0.82493E+00	-0.77510E-01	-0.30418E-01	0.47323E+01	0.15229E+01	-0.50923E+01
41	-0.12192E+01	-0.76260E+00	-0.37842E-01	0.49801E+01	0.13348E+01	-0.49659E+01
42	-0.17507E+01	-0.30270E+00	0.13659E+00	0.47717E+01	0.17057E+01	-0.43495E+01
43	-0.76039E+00	-0.40336E+00	-0.44375E+00	0.44554E+01	0.88322E+00	-0.53625E+01
44	-0.11945E+01	-0.47397E+00	-0.48725E+00	0.43953E+01	0.14775E+01	-0.46272E+01
45	-0.20060E+01	-0.88944E+00	-0.71445E+00	0.46233E+01	0.14143E+01	-0.46241E+01
46	-0.10202E+01	0.26156E-01	0.12921E+00	0.44413E+01	0.99079E+00	-0.41077E+01
47	0.30720E+00	0.27755E+00	-0.92981E-01	0.45449E+01	0.28201E+00	-0.57992E+01
48	-0.53978E+00	-0.19401E+00	-0.66709E+00	0.47935E+01	0.37263E+00	-0.58577E+01
49	-0.95504E+00	-0.21162E+00	-0.64491E+00	0.47469E+01	0.11811E+01	-0.62298E+01
50	-0.43847E+01	-0.13504E+01	-0.22453E+01	0.41294E+01	0.32254E+01	-0.42743E+01
51	-0.96894E+00	-0.75079E+00	-0.11832E+01	0.19810E+00	0.41611E+00	-0.11339E+01
52	-0.10070E+01	0.66181E+00	-0.42483E+00	-0.11657E+01	0.17861E+01	0.54403E+01
53	-0.17170E+01	0.21472E+00	-0.81127E-01	0.37446E+01	0.16092E+01	-0.37457E+01
54	-0.76036E+00	-0.79959E+00	-0.47337E+00	0.53927E+01	0.21317E+00	-0.45516E+01

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55	-0.10542E+01	-0.60553E+00	-0.24060E+00	0.51452E+01	0.59603E+00	-0.43903E+01
56	-0.19393E+01	-0.41854E+00	0.42340E+00	0.46211E+01	0.16637E+01	-0.39504E+01
57	-0.17049E+01	-0.35844E+00	0.36118E-02	0.41557E+01	0.12229E+01	-0.36477E+01
58	-0.18523E+01	-0.21210E+00	0.10849E+00	0.35163E+01	0.14640E+01	-0.32306E+01
59	-0.33494E+00	-0.65959E+00	-0.30275E+00	0.52600E+01	-0.41092E-01	-0.41086E+01
60	-0.12056E+01	-0.10993E+01	-0.65339E+00	0.49659E+01	0.40988E+00	-0.32617E+01
61	-0.93650E+00	-0.92330E+00	-0.43392E+00	0.49248E+01	0.34162E+00	-0.32611E+01
62	-0.48708E+00	-0.85740E+00	-0.36031E+00	0.46957E+01	-0.63386E-01	-0.24993E+01
63	-0.12638E+01	-0.79915E+00	-0.23261E+00	0.47774E+01	0.56333E+00	-0.35770E+01
64	-0.13305E+01	-0.10494E+01	-0.25631E+00	0.43503E+01	0.48930E+00	-0.26618E+01
65	-0.22270E+01	-0.60009E+00	0.59019E+00	0.43973E+01	0.15351E+01	-0.35433E+01
66	-0.27642E+01	-0.77229E+00	0.65108E+00	0.39083E+01	0.17368E+01	-0.27622E+01
67	-0.22415E+01	-0.10311E+01	0.82086E+00	0.34518E+01	0.13385E+01	-0.18481E+01
68	-0.27243E+01	-0.63155E+00	-0.84908E-02	0.38433E+01	0.12680E+01	-0.31799E+01
69	-0.18704E+01	-0.56856E+00	0.23036E+00	0.36604E+01	0.98498E+00	-0.25263E+01
70	-0.27168E+01	-0.92476E+00	-0.75081E-01	0.31564E+01	0.12275E+01	-0.17579E+01
71	-0.22504E+01	-0.42915E+00	0.23882E+00	0.33155E+01	0.13699E+01	-0.25664E+01
72	-0.26040E+01	-0.56951E+00	0.25855E+00	0.29999E+01	0.12617E+01	-0.19255E+01
73	-0.57418E+00	-0.56373E+00	-0.19959E+00	0.40742E+01	0.99967E-01	-0.12219E+01
74	-0.94493E+00	-0.53740E+00	0.14460E+00	0.36067E+01	0.28539E+00	-0.11109E+01
75	-0.19264E+01	-0.53519E+00	0.11507E+01	0.29752E+01	0.79465E+00	-0.94371E+00
76	-0.21754E+01	-0.54406E+00	0.33528E+00	0.32760E+01	0.70830E+00	-0.17626E+01
77	-0.16076E+01	-0.76610E+00	0.38567E+00	0.21731E+01	0.47758E+00	-0.46627E+00
78	-0.16468E+01	-0.44557E+00	0.53285E+00	0.17839E+01	0.50368E+00	-0.28542E+00
79	-0.23061E+01	-0.61203E+00	0.28324E+00	0.23069E+01	0.80586E+00	-0.96324E+00
80	-0.28824E+01	-0.76469E+00	0.74830E-01	0.16173E+01	0.50362E+00	-0.22223E+00
81	-0.15407E+01	-0.34824E+00	0.70067E+00	0.90100E+00	0.47280E+00	-0.90842E-01
82	-0.17649E+01	-0.43476E+00	0.55303E+00	0.79760E+00	0.45143E+00	-0.15717E+00
83	-0.25954E+01	-0.39449E+00	0.42207E+00	0.14358E+01	0.47349E+00	-0.33971E+00
84	-0.31444E+01	-0.69132E+00	0.18109E+00	0.15753E+01	0.90246E+00	-0.32762E+00
85	-0.35794E+01	-0.56697E+00	0.13431E+00	0.22399E+01	0.11480E+01	-0.12676E+01
86	-0.34995E+01	-0.53347E+00	0.30315E+00	0.17477E+01	0.11041E+01	-0.87788E+00
87	-0.24295E+01	-0.14319E+00	0.67797E+00	0.23273E+01	0.12844E+01	-0.11829E+01
88	-0.25630E+01	-0.41437E+00	0.27998E+00	0.25260E+01	0.16385E+01	-0.20506E+01
89	-0.29020E+01	-0.43043E+00	0.19502E+00	0.22481E+01	0.17618E+01	-0.18988E+01
90	-0.30285E+01	-0.26345E+00	0.49571E+00	0.16450E+01	0.18620E+01	-0.88771E+00
91	-0.33284E+01	-0.74699E+00	0.40834E-01	0.15214E+01	0.20063E+01	-0.13870E+01
92	-0.32369E+01	-0.67646E+00	0.15902E+00	0.11613E+01	0.19930E+01	-0.98521E+00
93	-0.20725E+01	0.54562E+00	-0.11560E+00	0.27448E+01	0.18773E+01	-0.30432E+01
94	-0.22400E+01	-0.35059E+00	-0.33404E+00	0.27445E+01	0.17056E+01	-0.29118E+01
95	-0.15455E+01	-0.96699E+00	-0.40613E+00	0.20395E+01	0.16631E+01	-0.22080E+01
96	-0.19362E+01	-0.27735E+00	0.12237E+00	0.28179E+01	0.16002E+01	-0.24938E+01
97	-0.13249E+01	-0.65944E+00	-0.16197E+00	0.23330E+01	0.16513E+01	-0.19182E+01
98	-0.16523E+01	-0.44110E+00	0.15030E+00	0.19664E+01	0.15588E+01	-0.18399E+01
99	-0.16714E+01	0.13424E+00	0.62619E+00	0.22602E+01	0.15130E+01	-0.19146E+01
100	-0.14301E+01	-0.20627E-01	0.45402E+00	0.17031E+01	0.15465E+01	-0.14186E+01
101	-0.17690E+01	-0.37438E+00	0.79096E-01	0.13675E+01	0.15829E+01	-0.11105E+01
102	-0.14006E+01	0.11331E+00	0.75967E+00	0.13131E+01	0.15239E+01	-0.10983E+01
103	-0.11406E+01	-0.28867E+00	0.36647E+00	0.59727E+00	0.14471E+01	-0.58059E+00
104	-0.11880E+01	-0.35186E+00	0.31109E+00	0.29592E+00	0.14511E+01	-0.42904E+00
105	-0.21031E+01	-0.12686E+00	-0.57886E+00	0.24277E+01	0.22815E+01	-0.27979E+01
106	-0.22815E+01	-0.20194E+01	-0.23693E+01	0.25693E+00	0.24567E+01	-0.13288E+01
107	-0.25189E+01	-0.14338E+01	-0.17131E+01	0.13233E+01	0.23578E+01	-0.19650E+01
108	-0.20362E+01	-0.12261E+01	-0.14265E+01	0.13739E+01	0.22636E+01	-0.19845E+01
109	-0.17561E+01	-0.10273E+01	-0.13448E+01	0.59885E+00	0.22669E+01	-0.13363E+01
110	-0.13795E+00	0.18925E+00	-0.53399E-01	0.19225E+01	0.20842E+01	-0.20762E+01
111	0.52605E+00	0.40231E+00	0.14605E+00	0.14058E+01	0.19521E+01	-0.11501E+01
112	0.63509E+00	0.44042E+00	0.20546E+00	0.21377E+01	0.19419E+01	-0.11390E+01
113	0.90374E+00	0.36693E+00	0.57905E+00	0.22247E+01	0.16447E+01	-0.22086E+01
114	0.10560E+01	0.73714E+00	0.52253E+00	0.19100E+01	0.15676E+01	-0.11100E+01

115	0.11495E+01	0.76542E+00	0.69515E+00	0.32577E+01	0.15277E+01	-0.10769E+01
116	0.34688E+00	0.27467E+00	0.50158E+00	0.24943E+01	0.12024E+01	-0.19190E+01
117	-0.66606E-01	0.47926E-01	0.12330E+00	0.27343E+01	0.10167E+01	-0.10040E+01
118	0.39793E-01	0.11392E+00	0.32830E+00	0.23512E+01	0.96986E+00	-0.92795E+00
119	-0.72609E-01	0.37039E+00	0.56970E+00	0.19244E+01	0.77793E+00	-0.14339E+01
120	-0.45656E+00	-0.17049E+00	0.15062E+00	0.19581E+01	0.64154E+00	-0.82460E+00
121	-0.39482E+00	-0.12013E+00	0.27985E+00	0.16493E+01	0.61284E+00	-0.72307E+00
122	0.43715E-01	0.67340E+00	0.87334E+00	0.15218E+01	0.48444E+00	-0.11080E+01
123	-0.17010E+00	0.34619E-01	0.51476E+00	0.12984E+01	0.36366E+00	-0.59858E+00
124	-0.13201E+00	0.65329E-01	0.57928E+00	0.98140E+00	0.35045E+00	-0.47999E+00
125	-0.24781E+00	0.16508E+00	0.60806E+00	0.75454E+00	0.31803E+00	-0.56984E+00
126	-0.18928E+00	0.41282E-01	0.56425E+00	0.58673E+00	0.26610E+00	-0.32535E+00
127	-0.19279E+00	0.51802E-01	0.56995E+00	0.26303E+00	0.26649E+00	-0.23549E+00
128	0.24700E+00	0.40427E+00	0.67610E+00	0.37266E+00	0.21436E+00	-0.31212E+00
129	0.68624E+00	0.58251E+00	0.10940E+01	0.17406E+00	0.12896E+00	-0.10402E+00
183	-0.26644E+01	-0.75544E-01	-0.77847E+00	0.38724E+01	0.24047E+01	-0.42732E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.29387E+00	-0.19591E+01	0.16653E+01	0.65369E+02	-0.73051E+01	-0.28293E+02
131	0.66015E-01	0.44010E+00	-0.37408E+00	0.15603E+03	-0.75249E+01	-0.80538E+02
132	-0.27292E-01	-0.18194E+00	0.15465E+00	0.25944E+03	-0.13094E+02	-0.13811E+03
133	0.41248E-01	-0.27499E+00	-0.23374E+00	0.37385E+03	-0.20052E+02	-0.20231E+03
134	0.64935E-01	0.43290E+00	-0.36796E+00	0.50189E+03	-0.29112E+02	-0.27997E+03
135	-0.49716E-01	-0.33144E+00	0.28172E+00	0.59307E+03	-0.39505E+02	-0.35001E+03
136	0.10131E+00	0.67538E+00	-0.57408E+00	0.67315E+03	-0.42586E+02	-0.39928E+03
137	0.20259E+00	0.13506E+01	-0.11480E+01	0.67698E+03	-0.53962E+02	-0.42102E+03
138	-0.65611E+00	-0.43874E+01	0.31477E+01	0.69453E+03	-0.14226E+03	-0.45511E+03
139	-0.73083E+00	-0.48722E+01	0.21791E+01	0.68001E+03	-0.32000E+03	-0.47881E+03
140	0.14279E+00	0.95196E+00	-0.80916E+00	0.85205E+03	-0.38848E+03	-0.54314E+03
141	0.17825E+00	0.11884E+01	-0.10101E+01	0.85406E+03	-0.39701E+03	-0.57736E+03
142	0.21081E+00	0.14054E+01	-0.11946E+01	0.89032E+03	-0.39801E+03	-0.61393E+03
143	0.21960E+00	0.14640E+01	-0.12444E+01	-0.30003E+03	-0.57444E+03	0.54901E+03
144	0.87291E-01	0.58194E+00	-0.49465E+00	-0.29844E+03	-0.55832E+03	0.52067E+03
145	-0.10406E+01	-0.69372E+01	0.85388E+01	0.30703E+02	-0.43134E+03	0.11966E+04
146	-0.43796E+00	-0.29199E+01	0.61884E+01	0.10558E+03	-0.32212E+03	0.10287E+04
147	-0.45487E+00	-0.30325E+01	0.61163E+01	0.95113E+02	-0.33672E+03	0.10133E+04
148	-0.47507E+00	-0.31671E+01	-0.69880E+00	0.89158E+02	-0.35320E+03	0.10155E+04
149	-0.49897E+00	-0.33265E+01	-0.61547E+00	0.79827E+02	-0.37304E+03	0.10338E+04
150	-0.58108E+00	-0.38739E+01	0.32653E+00	0.28789E+02	-0.41367E+03	0.10046E+04
151	-0.70544E+00	-0.47029E+01	-0.23128E+02	0.69836E+01	-0.47313E+03	0.10277E+04
152	-0.65526E+00	-0.43684E+01	-0.42385E+02	0.11245E+02	-0.43876E+03	0.10180E+04
153	-0.57393E+00	-0.38262E+01	-0.37533E+02	-0.21820E+01	-0.38611E+03	0.99349E+03
154	-0.37734E+00	-0.25156E+01	-0.73093E+02	-0.17341E+02	-0.25624E+03	0.96397E+03
155	-0.90210E-01	-0.60140E+00	-0.60451E+02	0.82738E+01	-0.59395E+02	0.89917E+03
156	0.14023E+00	0.93487E+00	-0.51089E+02	-0.10727E+02	0.92650E+02	0.83073E+03
157	0.32231E+00	0.21487E+01	-0.40733E+02	-0.80573E-01	0.21663E+03	0.73580E+03
158	0.46360E+00	0.30907E+01	-0.33534E+02	-0.82375E+01	0.31038E+03	0.64410E+03
159	0.56647E+00	0.37765E+01	-0.23598E+02	-0.19634E+02	0.37782E+03	0.52847E+03
160	0.63153E+00	0.42102E+01	-0.16325E+02	-0.20737E+02	0.42139E+03	0.42112E+03
161	0.72946E+00	0.48631E+01	-0.74142E+01	-0.14465E+02	0.45703E+03	0.29048E+03
162	0.74068E+00	0.49379E+01	0.10958E+01	-0.98065E+01	0.43610E+03	0.19729E+03
163	0.83417E+00	0.55612E+01	0.24701E+01	-0.24446E+02	0.48914E+03	0.13455E+03
164	0.80623E+00	0.53749E+01	0.36559E+01	-0.38627E+02	0.47051E+03	0.91645E+02

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165	0.41362E+03	0.60371E+02	0.23641E+01	0.15036E+02	0.46814E+03	0.73013E+02
166	0.33024E+03	0.44153E+02	0.62269E+01	0.93933E+01	0.43406E+03	0.66983E+02
167	0.25898E+03	0.32192E+02	0.70307E+01	0.62359E+01	0.36997E+03	0.62050E+02
168	0.19547E+03	0.23085E+02	0.65718E+01	0.30736E+01	0.30467E+03	0.57934E+02
169	0.12263E+03	0.11063E+02	0.74984E+01	0.23927E+00	0.26126E+03	0.53399E+02
170	0.51423E+02	-0.19335E+01	0.96888E+01	-0.29173E+01	0.23487E+03	0.43239E+02
171	-0.20671E+02	-0.14132E+02	0.10836E+02	-0.70783E+01	0.18777E+03	0.41008E+02
172	-0.61161E+02	-0.19264E+02	0.96597E+01	-0.11133E+02	0.12676E+03	0.33135E+02
173	-0.59709E+02	-0.15217E+02	0.58675E+01	-0.13156E+02	0.72701E+02	0.27495E+02
174	-0.36621E+02	-0.73121E+01	0.16358E+01	-0.13067E+02	0.34023E+02	0.23270E+02
175	-0.84734E+01	-0.44163E+00	-0.77513E+00	-0.10471E+02	0.21547E+02	0.20886E+02
176	0.18649E+01	0.13167E+01	-0.93340E+00	-0.80106E+01	0.24589E+02	0.19191E+02
177	0.32796E+01	0.99897E+00	-0.44460E+00	-0.57695E+01	0.26219E+02	0.15686E+02
178	0.11781E+01	0.15808E+00	0.21244E-01	-0.40149E+01	0.19651E+02	0.11334E+02
179	-0.37172E+00	-0.13044E+00	0.68286E-01	-0.31905E+01	0.13983E+02	0.80150E+01
180	0.18347E-01	-0.40838E-01	0.39671E-01	-0.22961E+01	0.92395E+01	0.48545E+01
181	-0.12522E+00	-0.13129E+00	0.97937E-01	-0.16283E+01	0.37776E+01	0.17219E+01
182	0.52226E+00	0.24255E+00	-0.14279E+00	-0.49711E+00	-0.83531E+00	-0.23316E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3600E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.53633E-01	0.57808E-04	0.53933E-01	0.00000E+00
3	-0.10084E+00	-0.19635E-03	0.10091E+00	0.00000E+00
4	-0.11302E+00	-0.23801E-03	0.11288E+00	0.00000E+00
5	-0.12982E+00	-0.31112E-04	0.12981E+00	0.00000E+00
6	-0.14138E+00	-0.50160E-05	0.14138E+00	0.00000E+00
7	-0.12999E+00	-0.87575E-03	0.12998E+00	0.00000E+00
8	-0.14172E+00	-0.66443E-03	0.14179E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.52607E-01	-0.42733E-03	0.52402E-01	0.00000E+00
11	-0.99618E-01	-0.10612E-02	0.99489E-01	0.00000E+00
12	-0.11236E+00	-0.12848E-02	0.11230E+00	0.00000E+00
13	-0.13019E+00	-0.11318E-02	0.13016E+00	0.00000E+00
14	-0.14257E+00	-0.85022E-03	0.14287E+00	0.00000E+00
15	-0.13094E+00	-0.17421E-02	0.13161E+00	0.00000E+00
16	-0.14397E+00	-0.11699E-02	0.14474E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.51571E-01	-0.57808E-03	0.51918E-01	0.00000E+00
19	-0.98398E-01	-0.15029E-02	0.99515E-01	0.00000E+00
20	-0.11243E+00	-0.16684E-02	0.11308E+00	0.00000E+00
21	-0.13171E+00	-0.16626E-02	0.13275E+00	0.00000E+00
22	-0.14600E+00	-0.11497E-02	0.14751E+00	0.00000E+00
23	-0.13282E+00	-0.19261E-02	0.13462E+00	0.00000E+00
24	-0.14874E+00	-0.85921E-03	0.15138E+00	0.00000E+00
25	-0.15036E+00	-0.10547E-02	0.15381E+00	0.00000E+00
26	-0.15133E+00	-0.87615E-03	0.15528E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.50446E-01	-0.13752E-03	0.50031E-01	0.00000E+00
29	-0.97663E-01	-0.70373E-03	0.97234E-01	0.00000E+00
30	-0.11196E+00	-0.11124E-02	0.11189E+00	0.00000E+00
31	-0.13351E+00	-0.13079E-02	0.13557E+00	0.00000E+00
32	-0.15231E+00	-0.47307E-03	0.15683E+00	0.00000E+00
33	-0.13558E+00	-0.12389E-02	0.13551E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.50139E-01	0.14161E-03	0.48998E-01	0.00000E+00
36	-0.97198E-01	-0.26022E-04	0.95490E-01	0.00000E+00
37	-0.11147E+00	-0.19554E-03	0.10985E+00	0.00000E+00
38	-0.13358E+00	-0.52032E-03	0.13492E+00	0.00000E+00
39	-0.15355E+00	-0.67105E-03	0.15908E+00	0.00000E+00
40	-0.15330E+00	-0.66899E-03	0.15859E+00	0.00000E+00
41	-0.15305E+00	-0.66490E-03	0.15813E+00	0.00000E+00
42	-0.15278E+00	-0.65043E-03	0.15759E+00	0.00000E+00
43	-0.11035E+00	0.92676E-03	0.10377E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.48606E-01	0.62468E-03	0.43187E-01	0.00000E+00
46	-0.94477E-01	0.10873E-02	0.83972E-01	0.00000E+00
47	-0.15352E+00	-0.67110E-03	0.15917E+00	0.00000E+00
48	-0.15364E+00	-0.67118E-03	0.15924E+00	0.00000E+00
49	-0.13354E+00	-0.29518E-03	0.13449E+00	0.00000E+00
50	-0.15373E+00	-0.68829E-03	0.15976E+00	0.00000E+00
51	-0.13193E+00	0.66905E-03	0.12559E+00	0.00000E+00
52	-0.15061E+00	-0.13962E-02	0.14550E+00	0.00000E+00
53	-0.15355E+00	-0.67602E-03	0.15893E+00	0.00000E+00
54	-0.10801E+00	0.93430E-03	0.96322E-01	0.00000E+00
55	-0.12899E+00	0.39344E-03	0.11572E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.46539E-01	0.10797E-02	0.35918E-01	0.00000E+00
58	-0.89804E-01	0.12695E-02	0.70611E-01	0.00000E+00
59	-0.14577E+00	-0.59619E-03	0.13191E+00	0.00000E+00
60	-0.14928E+00	-0.11572E-02	0.14127E+00	0.00000E+00
61	-0.15376E+00	-0.70702E-03	0.16006E+00	0.00000E+00
62	-0.10277E+00	0.14390E-02	0.80702E-01	0.00000E+00
63	-0.13166E+00	0.12563E-02	0.95760E-01	0.00000E+00
64	-0.15152E+00	-0.14305E-02	0.14061E+00	0.00000E+00
65	-0.15379E+00	-0.72485E-03	0.16035E+00	0.00000E+00
66	-0.15400E+00	-0.75942E-03	0.16095E+00	0.00000E+00
67	-0.15422E+00	-0.79169E-03	0.16155E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.43942E-01	0.10413E-02	0.29346E-01	0.00000E+00
70	-0.84663E-01	0.22655E-02	0.57136E-01	0.00000E+00
71	-0.13353E+00	0.59405E-03	0.10960E+00	0.00000E+00
72	-0.15192E+00	-0.16027E-02	0.14405E+00	0.00000E+00
73	-0.11398E+00	0.25816E-02	0.77298E-01	0.00000E+00
74	-0.15660E+00	-0.17724E-02	0.14859E+00	0.00000E+00
75	-0.15440E+00	-0.81215E-03	0.16211E+00	0.00000E+00
76	-0.15557E+00	-0.84139E-03	0.16314E+00	0.00000E+00
77	-0.12916E+00	0.20501E-02	0.87366E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.42031E-01	0.14648E-02	0.23689E-01	0.00000E+00
80	-0.79046E-01	0.28505E-02	0.44086E-01	0.00000E+00
81	-0.89350E-01	0.35755E-02	0.49740E-01	0.00000E+00
82	-0.10490E+00	0.34355E-02	0.58268E-01	0.00000E+00
83	-0.15340E+00	0.21081E-03	0.12252E+00	0.00000E+00
84	-0.13511E+00	0.20383E-02	0.79862E-01	0.00000E+00
85	-0.15602E+00	-0.87947E-03	0.16450E+00	0.00000E+00
86	-0.16176E+00	-0.15520E-02	0.15394E+00	0.00000E+00
87	-0.11884E+00	0.31876E-02	0.66288E-01	0.00000E+00
88	-0.15908E+00	-0.83526E-03	0.13892E+00	0.00000E+00
89	-0.16023E+00	-0.90439E-03	0.16583E+00	0.00000E+00
90	-0.88301E-01	0.23762E-02	0.29238E-01	0.00000E+00
91	-0.95966E-01	0.19247E-02	0.30915E-01	0.00000E+00
92	-0.10108E+00	0.14178E-02	0.32387E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.31757E-01	0.00000E+00	0.75466E-03	0.00000E+00
95	-0.59197E-01	0.00000E+00	0.22912E-02	0.00000E+00
96	-0.65909E-01	0.00000E+00	0.27930E-02	0.00000E+00
97	-0.74354E-01	0.00000E+00	0.45393E-02	0.00000E+00
98	-0.77719E-01	0.00000E+00	0.54210E-02	0.00000E+00
99	-0.85902E-01	0.13925E-02	0.18407E-01	0.00000E+00
100	-0.10907E+00	0.14426E-02	0.40635E-01	0.00000E+00
101	-0.14756E+00	0.40905E-03	0.86212E-01	0.00000E+00
102	-0.16602E+00	-0.91041E-03	0.16775E+00	0.00000E+00
103	-0.16198E+00	-0.39017E-03	0.12934E+00	0.00000E+00
104	-0.17051E+00	-0.13640E-02	0.16083E+00	0.00000E+00
105	-0.17085E+00	-0.91309E-03	0.16954E+00	0.00000E+00
106	-0.16773E+00	-0.97254E-03	0.13428E+00	0.00000E+00
107	-0.17712E+00	-0.15146E-02	0.16596E+00	0.00000E+00
108	-0.17497E+00	-0.37851E-03	0.17119E+00	0.00000E+00
109	-0.17630E+00	-0.83662E-03	0.17264E+00	0.00000E+00
110	-0.17549E+00	-0.20526E-02	0.14021E+00	0.00000E+00
111	-0.16204E+00	-0.18122E-02	0.16985E+00	0.00000E+00
112	-0.18105E+00	-0.77527E-03	0.17391E+00	0.00000E+00
113	-0.17671E+00	-0.16347E-02	0.14781E+00	0.00000E+00
114	-0.18304E+00	-0.69529E-03	0.17496E+00	0.00000E+00
115	-0.18445E+00	-0.60894E-03	0.17578E+00	0.00000E+00
116	-0.18510E+00	-0.52533E-03	0.17633E+00	0.00000E+00

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117	-0.18402E+00	-0.17403E-02	0.17183E+00	0.00000E+00
118	-0.18513E+00	-0.48538E-03	0.17653E+00	0.00000E+00
119	-0.18507E+00	-0.41372E-03	0.17672E+00	0.00000E+00
120	-0.18513E+00	-0.16046E-02	0.17352E+00	0.00000E+00
121	-0.18493E+00	-0.31641E-03	0.17687E+00	0.00000E+00
122	-0.18492E+00	-0.22994E-03	0.17704E+00	-0.21318E-04
123	-0.18485E+00	-0.42745E-04	0.17717E+00	-0.38736E-04
124	-0.18474E+00	0.26067E-03	0.17731E+00	-0.59810E-04
125	-0.18454E+00	0.71074E-03	0.17745E+00	-0.86820E-04
126	-0.18403E+00	0.17995E-02	0.17769E+00	-0.12471E-03
127	-0.18340E+00	0.31529E-02	0.17791E+00	-0.14088E-03
128	-0.18204E+00	0.62198E-02	0.17838E+00	-0.12829E-03
129	-0.18103E+00	0.86431E-02	0.17881E+00	-0.88967E-04
130	-0.18043E+00	0.10252E-01	0.17928E+00	-0.36037E-04
131	-0.18050E+00	0.10199E-01	0.18000E+00	0.28825E-04
132	-0.18113E+00	0.82473E-02	0.18065E+00	0.51604E-04
133	-0.18176E+00	0.60252E-02	0.18123E+00	0.44954E-04
134	-0.18213E+00	0.44076E-02	0.18170E+00	0.29891E-04
135	-0.18233E+00	0.33493E-02	0.18208E+00	0.22125E-04
136	-0.18247E+00	0.23416E-02	0.18236E+00	0.24343E-04
137	-0.18256E+00	0.13018E-02	0.18253E+00	0.24370E-04
138	-0.18263E+00	0.19828E-03	0.18263E+00	0.25587E-04
139	-0.18263E+00	0.24369E-04	0.18263E+00	0.24418E-04

303

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3600E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.15924E+00	0.35751E-01	0.88215E-01	-0.65110E+01	-0.62139E-01	0.65124E+01
2	0.30431E+00	0.23763E-01	0.13517E+00	-0.58096E+01	-0.11430E+00	0.58108E+01
3	0.40075E+00	0.15723E-01	0.72667E-01	-0.47148E+01	-0.13314E+00	0.47545E+01
4	-0.12693E+00	0.24251E-01	-0.12623E+00	-0.37933E+01	0.61697E-01	0.33746E+01
5	0.20528E+00	0.36863E-01	0.60281E-01	-0.38435E+01	-0.39451E-01	0.39128E+01
6	-0.92399E-01	0.43851E-01	-0.30135E-01	-0.39085E+01	0.35694E-01	0.39886E+01
7	-0.15436E+00	-0.50660E-02	-0.52802E-01	-0.27456E+01	0.48636E-01	0.27613E+01
8	-0.30110E+00	-0.34431E-02	-0.94158E-01	-0.27415E+01	0.10377E+00	0.28538E+01
9	-0.11411E-02	-0.20317E+00	-0.76680E-01	-0.63722E+01	-0.20290E-01	0.63879E+01
10	0.53449E-01	-0.27119E+00	-0.64655E-01	-0.57877E+01	-0.25527E-01	0.58317E+01
11	0.51856E-01	-0.26312E+00	0.72888E-02	-0.48964E+01	0.34330E-01	0.49804E+01
12	-0.62578E+00	-0.28655E+00	-0.32349E+00	-0.39725E+01	0.24760E+00	0.39770E+01
13	-0.62452E-01	-0.14110E+00	-0.19295E-01	-0.40707E+01	0.45340E-01	0.41984E+01
14	-0.50090E+00	-0.13389E+00	-0.14595E+00	-0.41625E+01	0.16677E+00	0.43487E+01
15	-0.66329E+00	-0.81947E-01	-0.21138E+00	-0.29312E+01	0.26917E+00	0.29845E+01
16	-0.82491E+00	-0.76039E-01	-0.21649E+00	-0.30525E+01	0.30115E+00	0.31995E+01
17	0.77240E-01	-0.94976E-01	-0.85664E-02	-0.62178E+01	-0.70572E-01	0.62356E+01
18	0.17270E+00	-0.16738E+00	-0.33247E-02	-0.57309E+01	-0.15792E+00	0.58156E+01
19	0.25549E+00	-0.28613E+00	0.20953E-01	-0.49857E+01	-0.27296E+00	0.52524E+01
20	-0.82333E+00	-0.33561E+00	-0.32831E+00	-0.42244E+01	0.28865E+00	0.43379E+01
21	-0.54835E-02	-0.27652E+00	-0.32968E-01	-0.43993E+01	-0.13432E+00	0.43524E+01
22	-0.73941E+00	-0.58056E+00	-0.41558E+00	-0.45603E+01	0.12774E+00	0.51771E+01
23	-0.10906E+01	-0.43520E-01	-0.25748E+00	-0.33833E+01	0.44758E+00	0.35889E+01
24	-0.21881E+01	-0.53907E+00	-0.83347E+00	-0.36393E+01	0.78628E+00	0.33017E+01
25	-0.99569E+00	-0.11081E+00	-0.18722E+00	-0.33040E+01	0.37114E+00	0.43335E+01
26	-0.28462E+01	-0.11315E+01	-0.12923E+01	-0.39382E+01	0.95757E+00	0.47923E+01
27	0.18362E+00	0.11075E+00	0.91506E-01	-0.61135E+01	-0.11412E+00	0.60517E+01
28	0.28516E+00	0.10977E-01	0.56210E-01	-0.56468E+01	-0.30988E+00	0.57302E+01
29	0.57502E+00	-0.95741E-01	0.24249E-01	-0.48555E+01	-0.85840E+00	0.53445E+01
30	-0.23823E+00	-0.24861E+00	-0.86890E-01	-0.46315E+01	-0.69695E-01	0.51669E+01
31	0.32411E+00	-0.21782E+00	0.49313E-01	-0.44805E+01	-0.57811E+00	0.53730E+01
32	-0.24673E+00	-0.37989E+00	-0.20763E+00	-0.43679E+01	-0.36542E+00	0.54495E+01
33	-0.22357E+01	-0.83697E+00	-0.95519E+00	-0.44409E+01	0.57970E+00	0.50434E+01
34	-0.54468E+01	-0.30202E+01	-0.30709E+01	-0.46812E+01	0.13709E+01	0.54679E+01
35	-0.75985E+00	0.10792E+00	0.62369E-01	-0.46933E+01	0.43244E+00	0.54677E+01
36	0.49317E+00	0.60323E+00	0.65999E+00	-0.43233E+01	-0.42928E+00	0.56489E+01
37	-0.14856E+01	-0.96401E+00	-0.67047E+00	-0.48099E+01	0.46538E+00	0.58320E+01
38	0.38039E+00	0.36662E+00	0.20834E+00	-0.60175E+01	-0.17127E+00	0.56297E+01
39	0.59656E+00	0.33453E+00	0.11359E+00	-0.56231E+01	-0.51463E+00	0.53246E+01
40	0.78231E+00	0.34854E-01	-0.12807E+00	-0.49169E+01	-0.15620E+01	0.52562E+01
41	0.11821E+01	0.71004E+00	-0.74174E-01	-0.51665E+01	-0.13671E+01	0.51205E+01
42	0.17009E+01	0.27261E+00	-0.30612E+00	-0.49533E+01	-0.17410E+01	0.44931E+01
43	0.71164E+00	0.36801E+00	0.32457E+00	-0.45621E+01	-0.90902E+00	0.54802E+01
44	0.11443E+01	0.44737E+00	0.56499E+00	-0.44995E+01	-0.15208E+01	0.47183E+01
45	0.19250E+01	0.83841E+00	0.56186E+00	-0.47205E+01	-0.14409E+01	0.47141E+01
46	0.95953E+00	-0.42567E-01	-0.25564E+00	-0.45446E+01	-0.10092E+01	0.41867E+01
47	-0.33757E+00	-0.28964E+00	0.19933E-02	-0.45819E+01	-0.30474E+00	0.58942E+01
48	0.50940E+00	0.18185E+00	0.57872E+00	-0.48335E+01	-0.37982E+00	0.59550E+01
49	0.90379E+00	0.17447E+00	0.53060E+00	-0.47798E+01	-0.12152E+01	0.63393E+01
50	0.43157E+01	0.13206E+01	0.21179E+01	-0.41600E+01	-0.33204E+01	0.43244E+01
51	0.90562E+00	0.68491E+00	0.10662E+01	-0.19956E+00	-0.42546E+00	0.11383E+01
52	0.10489E+01	-0.53596E+00	0.41770E+00	0.11498E+01	-0.18408E+01	-0.56520E+01
53	0.16304E+01	-0.24778E+00	-0.72662E-01	-0.37735E+01	-0.16329E+01	0.37806E+01
54	0.68721E+00	0.72411E+00	0.39393E+00	-0.57812E+01	-0.20560E+00	0.48276E+01

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55	0.99923E+00	0.56493E+00	0.13396E+00	-0.54403E+01	-0.58079E+00	0.45963E+01
56	0.18264E+01	0.39749E+00	-0.60715E+00	-0.48031E+01	-0.16352E+01	0.40773E+01
57	0.15999E+01	0.34347E+00	-0.15458E+00	-0.42579E+01	-0.12089E+01	0.37141E+01
58	0.17339E+01	0.20450E+00	-0.27266E+00	-0.35457E+01	-0.14574E+01	0.32441E+01
59	0.34646E+00	0.61038E+00	0.25578E+00	-0.56351E+01	0.45343E-01	0.43853E+01
60	0.11176E+01	0.10318E+01	0.57092E+00	-0.53742E+01	-0.37883E+00	0.35779E+01
61	0.86322E+00	0.83654E+00	0.33722E+00	-0.53404E+01	-0.29244E+00	0.35774E+01
62	0.45670E+00	0.81476E+00	0.32700E+00	-0.51371E+01	0.64853E-01	0.28901E+01
63	0.11481E+01	0.75458E+00	0.12351E+00	-0.50943E+01	-0.50737E+00	0.38003E+01
64	0.12013E+01	0.99257E+00	0.15372E+00	-0.46957E+01	-0.42740E+00	0.29240E+01
65	0.20136E+01	0.57862E+00	-0.78245E+00	-0.46043E+01	-0.13762E+01	0.36557E+01
66	0.25344E+01	0.74481E+00	-0.62533E+00	-0.41357E+01	-0.15747E+01	0.29068E+01
67	0.20484E+01	0.10203E+01	-0.95106E+00	-0.36958E+01	-0.11941E+01	0.20113E+01
68	0.20359E+01	0.60492E+00	-0.17085E+00	-0.39779E+01	-0.11618E+01	0.32351E+01
69	0.17121E+01	0.57048E+00	-0.36071E+00	-0.37933E+01	-0.88677E+00	0.25813E+01
70	0.25494E+01	0.91363E+00	-0.53073E-01	-0.32945E+01	-0.11356E+01	0.18076E+01
71	0.20841E+01	0.43226E+00	-0.40159E+00	-0.33769E+01	-0.12606E+01	0.25642E+01
72	0.24311E+01	0.57846E+00	-0.39393E+00	-0.30709E+01	-0.11674E+01	0.19235E+01
73	0.53178E+00	0.52246E+00	0.14776E+00	-0.45227E+01	-0.11240E+00	0.14909E+01
74	0.87561E+00	0.49272E+00	-0.23660E+00	-0.39785E+01	-0.31338E+00	0.13319E+01
75	0.18197E+01	0.49820E+00	-0.13109E+01	-0.32375E+01	-0.85531E+00	0.11030E+01
76	0.20718E+01	0.57235E+00	-0.42740E+00	-0.34144E+01	-0.72751E+00	0.18134E+01
77	0.15355E+01	0.77456E+00	-0.49127E+00	-0.23897E+01	-0.51171E+00	0.62523E+00
78	0.15294E+01	0.32059E+00	-0.72790E+00	-0.19327E+01	-0.54603E+00	0.37187E+00
79	0.24816E+01	0.61955E+00	-0.40225E+00	-0.23913E+01	-0.80874E+00	0.10218E+01
80	0.28833E+01	0.82395E+00	-0.13858E+00	-0.17099E+01	-0.57898E+00	0.34605E+00
81	0.15184E+01	0.36532E+00	-0.79992E+00	-0.99742E+00	-0.51548E+00	0.14715E+00
82	0.17753E+01	0.44226E+00	-0.66963E+00	-0.84265E+00	-0.50183E+00	0.18735E+00
83	0.25950E+01	0.44970E+00	-0.48509E+00	-0.14696E+01	-0.54988E+00	0.39463E+00
84	0.30125E+01	0.67968E+00	-0.31162E+00	-0.16175E+01	-0.89729E+00	0.40312E+00
85	0.34336E+01	0.60239E+00	-0.24737E+00	-0.22458E+01	-0.11057E+01	0.12261E+01
86	0.33357E+01	0.54318E+00	-0.43286E+00	-0.17128E+01	-0.10619E+01	0.84505E+00
87	0.22551E+01	0.17296E+00	-0.80897E+00	-0.23322E+01	-0.11910E+01	0.11778E+01
88	0.24917E+01	0.41459E+00	-0.44825E+00	-0.25368E+01	-0.15233E+01	0.20166E+01
89	0.27246E+01	0.43495E+00	-0.37290E+00	-0.22265E+01	-0.16409E+01	0.18390E+01
90	0.28819E+01	0.28047E+00	-0.63588E+00	-0.16014E+01	-0.17446E+01	0.85059E+00
91	0.31777E+01	0.74564E+00	-0.20900E+00	-0.15006E+01	-0.18805E+01	0.13413E+01
92	0.30776E+01	0.62205E+00	-0.33542E+00	-0.11374E+01	-0.18673E+01	0.94475E+00
93	0.19616E+01	-0.58811E+00	-0.53438E-01	-0.27371E+01	-0.18996E+01	0.30351E+01
94	0.21256E+01	0.36739E+00	0.16966E+00	-0.27331E+01	-0.17120E+01	0.29180E+01
95	0.14217E+01	0.90721E+00	0.21936E+00	-0.20056E+01	-0.16832E+01	0.22009E+01
96	0.18260E+01	0.28285E+00	-0.28720E+00	-0.27751E+01	-0.16058E+01	0.24504E+01
97	0.11979E+01	0.59524E+00	-0.28127E-01	-0.22775E+01	-0.16713E+01	0.18934E+01
98	0.15510E+01	0.44543E+00	-0.31240E+00	-0.19126E+01	-0.15760E+01	0.18093E+01
99	0.15662E+01	-0.14160E+00	-0.78129E+00	-0.21948E+01	-0.15152E+01	0.18541E+01
100	0.13190E+01	0.58167E-02	-0.62363E+00	-0.16332E+01	-0.15649E+01	0.13822E+01
101	0.16689E+01	0.33750E+00	-0.26106E+00	-0.12970E+01	-0.16046E+01	0.10827E+01
102	0.13355E+01	-0.97197E-01	-0.90836E+00	-0.12433E+01	-0.15426E+01	0.10527E+01
103	0.10385E+01	0.25453E+00	-0.53843E+00	-0.54540E+00	-0.14816E+01	0.57252E+00
104	0.11026E+01	0.34265E+00	-0.46643E+00	-0.26454E+00	-0.14855E+01	0.42987E+00
105	0.20373E+01	0.11910E+00	0.44816E+00	-0.24269E+01	-0.23487E+01	0.27883E+01
106	0.31641E+01	0.19208E+01	0.22060E+01	-0.24415E+00	-0.25327E+01	0.13269E+01
107	0.24375E+01	0.13966E+01	0.15832E+01	-0.13219E+01	-0.24321E+01	0.19603E+01
108	0.19505E+01	0.12432E+01	0.12920E+01	-0.13664E+01	-0.23372E+01	0.19785E+01
109	0.16270E+01	0.92336E+00	0.11708E+01	-0.58467E+00	-0.23424E+01	0.13329E+01
110	0.54045E-01	-0.22167E+00	-0.51347E-01	-0.19042E+01	-0.21588E+01	0.20604E+01
111	-0.72093E+00	-0.50458E+00	-0.31875E+00	-0.13894E+01	-0.20315E+01	0.11456E+01
112	-0.75946E+00	-0.54161E+00	-0.37794E+00	-0.21209E+01	-0.20211E+01	0.11337E+01
113	-0.98015E+00	-0.38685E+00	-0.71396E+00	-0.22040E+01	-0.17184E+01	0.22048E+01
114	-0.11327E+01	-0.80829E+00	-0.69631E+00	-0.18835E+01	-0.16454E+01	0.11033E+01

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115	-0.12744E+01	-0.36603E+00	-0.86790E+00	-0.32208E+01	-0.16055E+01	0.10695E+01
116	-0.41733E+00	-0.29307E+00	-0.63373E+00	-0.24454E+01	-0.12785E+01	0.13972E+01
117	-0.42245E-01	-0.13590E+00	-0.23973E+00	-0.26336E+01	-0.11008E+01	0.99539E+00
118	-0.14718E+00	-0.20139E+00	-0.48738E+00	-0.22940E+01	-0.10544E+01	0.91940E+00
119	0.14179E-01	-0.36840E+00	-0.68764E+00	-0.18671E+01	-0.86007E+00	0.14172E+01
120	0.35122E+00	0.78302E-01	-0.31305E+00	-0.18935E+01	-0.73217E+00	0.81592E+00
121	0.28072E+00	0.29419E-01	-0.43984E+00	-0.15826E+01	-0.70401E+00	0.71543E+00
122	-0.94712E-01	-0.65352E+00	-0.97511E+00	-0.14513E+01	-0.57284E+00	0.10865E+01
123	0.64363E-01	-0.11990E+00	-0.66734E+00	-0.12287E+01	-0.46134E+00	0.59178E+00
124	0.26385E-01	-0.15046E+00	-0.73047E+00	-0.91348E+00	-0.44851E+00	0.47511E+00
125	0.18032E+00	-0.16365E+00	-0.72577E+00	-0.69617E+00	-0.40843E+00	0.56872E+00
126	0.57122E-01	-0.14300E+00	-0.73162E+00	-0.51807E+00	-0.36153E+00	0.32209E+00
127	0.51224E-01	-0.15291E+00	-0.73645E+00	-0.19539E+00	-0.36207E+00	0.23411E+00
128	-0.35929E+00	-0.45435E+00	-0.10274E+01	-0.31409E+00	-0.30346E+00	0.31648E+00
129	-0.89895E+00	-0.73762E+00	-0.13142E+01	-0.94361E-01	-0.21741E+00	0.10277E+00
130	0.25763E+01	0.27146E-01	0.52387E+00	-0.38998E+01	-0.24717E+01	0.43275E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3600E+01

FL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.35451E+00	0.23634E+01	-0.20089E+01	-0.63934E+02	0.34243E+01	0.27206E+02
131	-0.79066E-01	-0.52710E+00	0.44804E+00	-0.15564E+03	-0.56948E+00	0.75927E+02
132	0.15830E-01	0.10353E+00	-0.89701E-01	-0.25909E+03	0.83611E+00	0.13284E+03
133	-0.54170E-01	-0.30113E+00	0.30696E+00	-0.37415E+03	0.39407E+01	0.19592E+03
134	-0.76779E-01	-0.51136E+00	0.43505E+00	-0.50320E+03	0.95520E+01	0.27327E+03
135	0.40373E-01	0.26713E+00	-0.22881E+00	-0.59551E+03	0.17705E+02	0.34363E+03
136	-0.11047E+00	-0.73544E+00	0.62593E+00	-0.67645E+03	0.19707E+02	0.39340E+03
137	-0.21392E+00	-0.14262E+01	0.12122E+01	-0.68033E+03	0.30469E+02	0.41523E+03
138	0.65032E+00	0.43354E+01	-0.31271E+01	-0.69833E+03	0.10661E+03	0.44933E+03
139	0.70652E+00	0.47101E+01	-0.21392E+01	-0.68452E+03	0.26045E+03	0.47240E+03
140	-0.13944E+00	-0.92962E+00	0.79017E+00	-0.65901E+03	0.31648E+03	0.53657E+03
141	-0.17512E+00	-0.11675E+01	0.99237E+00	-0.86195E+03	0.32458E+03	0.57020E+03
142	-0.20371E+00	-0.13521E+01	0.11544E+01	-0.89937E+03	0.32519E+03	0.60677E+03
143	-0.21413E+00	-0.14276E+01	0.12134E+01	0.30005E+03	0.50287E+03	-0.56145E+03
144	-0.11176E+00	-0.74503E+00	0.63332E+00	0.29785E+03	0.48634E+03	-0.53405E+03
145	0.90557E+00	0.60371E+01	-0.35441E+01	-0.33842E+02	0.37431E+03	-0.12012E+04
146	0.33401E+00	0.25601E+01	-0.61643E+01	-0.10303E+03	0.28086E+03	-0.10277E+04
147	0.40083E+00	0.26725E+01	-0.60924E+01	-0.93910E+02	0.29524E+03	-0.10122E+04
148	0.42099E+00	0.28066E+01	0.77679E+00	-0.87165E+02	0.31178E+03	-0.10141E+04
149	0.44476E+00	0.29651E+01	0.68934E+00	-0.75244E+02	0.33190E+03	-0.10320E+04
150	0.52071E+00	0.34714E+01	-0.25987E+00	-0.26493E+02	0.37059E+03	-0.10027E+04
151	0.63284E+00	0.42190E+01	0.23318E+02	-0.17816E+01	0.42511E+03	-0.10249E+04
152	0.58189E+00	0.38793E+01	0.42568E+02	-0.54972E+01	0.39030E+03	-0.10145E+04
153	0.49982E+00	0.33322E+01	0.37615E+02	0.86980E+01	0.33727E+03	-0.98907E+03
154	0.30327E+00	0.20218E+01	0.72909E+02	0.24375E+02	0.20751E+03	-0.95875E+03
155	0.17240E-01	0.11494E+00	0.60110E+02	-0.12860E+01	0.11396E+02	-0.89340E+03
156	-0.21114E+00	-0.14076E+01	0.50575E+02	0.17369E+02	-0.13924E+03	-0.82488E+03
157	-0.39074E+00	-0.26049E+01	0.40269E+02	0.77350E+01	-0.26149E+03	-0.73044E+03
158	-0.52939E+00	-0.35293E+01	0.33000E+02	0.15751E+02	-0.35348E+03	-0.63956E+03
159	-0.62936E+00	-0.41991E+01	0.23274E+02	0.26740E+02	-0.41936E+03	-0.52541E+03
160	-0.69302E+00	-0.46201E+01	0.16031E+02	0.27546E+02	-0.46170E+03	-0.41969E+03
161	-0.79576E+00	-0.53051E+01	0.73408E+01	0.22201E+02	-0.49761E+03	-0.29118E+03
162	-0.80741E+00	-0.53825E+01	-0.11605E+01	0.17235E+02	-0.47441E+03	-0.19955E+03
163	-0.91034E+00	-0.60659E+01	-0.25294E+01	0.29905E+02	-0.53332E+03	-0.13750E+03
164	-0.88127E+00	-0.53753E+01	-0.36593E+01	0.47331E+02	-0.51355E+03	-0.95359E+02

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165	-0.45929E+03	-0.66860E+02	-0.27557E+01	-0.19417E+02	-0.51271E+03	-0.76528E+02
166	-0.36857E+03	-0.49145E+02	-0.70328E+01	-0.13095E+02	-0.47536E+03	-0.69967E+02
167	-0.28987E+03	-0.35956E+02	-0.79054E+01	-0.95130E+01	-0.40512E+03	-0.64594E+02
168	-0.21933E+03	-0.25868E+02	-0.73792E+01	-0.59311E+01	-0.33353E+03	-0.60101E+02
169	-0.13774E+03	-0.12406E+02	-0.84187E+01	-0.26972E+01	-0.28573E+03	-0.55140E+02
170	-0.57690E+02	0.22023E+01	-0.10879E+02	0.91234E+00	-0.25627E+03	-0.49498E+02
171	0.23143E+02	0.15942E+02	-0.12169E+02	0.56798E+01	-0.20362E+03	-0.41624E+02
172	0.68792E+02	0.21672E+02	-0.10848E+02	0.10361E+02	-0.13545E+03	-0.33126E+02
173	0.67291E+02	0.17132E+02	-0.65806E+01	0.12757E+02	-0.75466E+02	-0.27153E+02
174	0.40822E+02	0.81757E+01	-0.18342E+01	0.12812E+02	-0.32942E+02	-0.22880E+02
175	0.93455E+01	0.50629E+00	0.84530E+00	0.10099E+02	-0.20269E+02	-0.20689E+02
176	-0.20466E+01	-0.14247E+01	0.10111E+01	0.75436E+01	-0.24361E+02	-0.19160E+02
177	-0.35253E+01	-0.10810E+01	0.48736E+00	0.53361E+01	-0.26635E+02	-0.15726E+02
178	-0.12995E+01	-0.17721E+00	-0.18985E-01	0.36935E+01	-0.20129E+02	-0.11375E+02
179	0.38815E+00	0.14914E+00	-0.81350E-01	0.29780E+01	-0.14283E+02	-0.80239E+01
180	0.11619E-01	0.53993E-01	-0.46695E-01	0.21740E+01	-0.83648E+01	-0.48467E+01
181	0.13525E+00	0.13834E+00	-0.10234E+00	0.15786E+01	-0.38176E+01	-0.17107E+01
182	-0.51625E+00	-0.23976E+00	0.14115E+00	0.49512E+00	0.85639E+00	0.29982E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.17100E-01	-0.23772E-04	-0.17028E-01	0.00000E+00
3	0.32091E-01	0.41739E-04	-0.32160E-01	0.00000E+00
4	0.36023E-01	0.65270E-04	-0.36138E-01	0.00000E+00
5	0.41572E-01	0.29115E-04	-0.41586E-01	0.00000E+00
6	0.45471E-01	-0.15377E-05	-0.45473E-01	0.00000E+00
7	0.41664E-01	0.10199E-03	-0.41593E-01	0.00000E+00
8	0.45579E-01	-0.26537E-05	-0.45562E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.16673E-01	0.63744E-04	-0.16551E-01	0.00000E+00
11	0.31731E-01	0.15212E-03	-0.31555E-01	0.00000E+00
12	0.35924E-01	0.15970E-03	-0.35731E-01	0.00000E+00
13	0.41745E-01	0.24378E-04	-0.41547E-01	0.00000E+00
14	0.45564E-01	-0.13748E-03	-0.45786E-01	0.00000E+00
15	0.41997E-01	-0.32109E-04	-0.41809E-01	0.00000E+00
16	0.46335E-01	-0.30401E-03	-0.46184E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.16447E-01	-0.43343E-05	-0.16192E-01	0.00000E+00
19	0.31616E-01	-0.36354E-04	-0.31194E-01	0.00000E+00
20	0.36042E-01	-0.87345E-04	-0.35578E-01	0.00000E+00
21	0.42275E-01	-0.31488E-03	-0.41912E-01	0.00000E+00
22	0.47018E-01	-0.59935E-03	-0.46790E-01	0.00000E+00
23	0.42647E-01	-0.68651E-03	-0.42153E-01	0.00000E+00
24	0.47928E-01	-0.12232E-02	-0.47670E-01	0.00000E+00
25	0.48460E-01	-0.15533E-02	-0.48241E-01	0.00000E+00
26	0.48779E-01	-0.18004E-02	-0.48593E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.16343E-01	-0.27183E-03	-0.15305E-01	0.00000E+00
29	0.31613E-01	-0.69580E-03	-0.29921E-01	0.00000E+00
30	0.36228E-01	-0.92666E-03	-0.34577E-01	0.00000E+00
31	0.43112E-01	-0.13696E-02	-0.42073E-01	0.00000E+00
32	0.49107E-01	-0.21635E-02	-0.48968E-01	0.00000E+00
33	0.43236E-01	-0.14997E-02	-0.41924E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.16352E-01	-0.35844E-03	-0.14889E-01	0.00000E+00
36	0.31650E-01	-0.94011E-03	-0.29191E-01	0.00000E+00
37	0.36266E-01	-0.12929E-02	-0.33723E-01	0.00000E+00
38	0.43325E-01	-0.17446E-02	-0.41617E-01	0.00000E+00
39	0.49501E-01	-0.21546E-02	-0.49420E-01	0.00000E+00
40	0.49421E-01	-0.21491E-02	-0.49322E-01	0.00000E+00
41	0.49342E-01	-0.21445E-02	-0.49230E-01	0.00000E+00
42	0.49258E-01	-0.21401E-02	-0.49132E-01	0.00000E+00
43	0.36243E-01	-0.15895E-02	-0.31421E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.16225E-01	-0.51646E-03	-0.12755E-01	0.00000E+00
46	0.31382E-01	-0.12754E-02	-0.24941E-01	0.00000E+00
47	0.49521E-01	-0.21546E-02	-0.49415E-01	0.00000E+00
48	0.49527E-01	-0.21547E-02	-0.49453E-01	0.00000E+00
49	0.43342E-01	-0.16110E-02	-0.41444E-01	0.00000E+00
50	0.49557E-01	-0.21625E-02	-0.49637E-01	0.00000E+00
51	0.43138E-01	-0.20274E-02	-0.38171E-01	0.00000E+00
52	0.48296E-01	-0.19266E-02	-0.44434E-01	0.00000E+00
53	0.49497E-01	-0.21479E-02	-0.49288E-01	0.00000E+00
54	0.35826E-01	-0.16113E-02	-0.28719E-01	0.00000E+00
55	0.42542E-01	-0.19884E-02	-0.34580E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.15916E-01	-0.60852E-03	-0.10283E-01	0.00000E+00
58	0.30598E-01	-0.14621E-02	-0.20347E-01	0.00000E+00
59	0.47842E-01	-0.22785E-02	-0.39566E-01	0.00000E+00
60	0.48594E-01	-0.19969E-02	-0.42897E-01	0.00000E+00
61	0.49567E-01	-0.21650E-02	-0.49739E-01	0.00000E+00
62	0.34918E-01	-0.19759E-02	-0.23298E-01	0.00000E+00
63	0.41096E-01	-0.25588E-02	-0.27646E-01	0.00000E+00
64	0.49139E-01	-0.19633E-02	-0.44773E-01	0.00000E+00
65	0.49576E-01	-0.21672E-02	-0.49841E-01	0.00000E+00
66	0.49646E-01	-0.21724E-02	-0.50044E-01	0.00000E+00
67	0.49718E-01	-0.21800E-02	-0.50250E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.15549E-01	-0.69304E-03	-0.82327E-02	0.00000E+00
70	0.29657E-01	-0.16670E-02	-0.16106E-01	0.00000E+00
71	0.46514E-01	-0.31880E-02	-0.31640E-01	0.00000E+00
72	0.49413E-01	-0.19730E-02	-0.43743E-01	0.00000E+00
73	0.39579E-01	-0.27343E-02	-0.21023E-01	0.00000E+00
74	0.50891E-01	-0.21322E-02	-0.45157E-01	0.00000E+00
75	0.49778E-01	-0.21885E-02	-0.50445E-01	0.00000E+00
76	0.50162E-01	-0.22109E-02	-0.50808E-01	0.00000E+00
77	0.44431E-01	-0.31722E-02	-0.24690E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.15305E-01	-0.72049E-03	-0.64235E-02	0.00000E+00
80	0.28633E-01	-0.17322E-02	-0.12018E-01	0.00000E+00
81	0.32226E-01	-0.22826E-02	-0.13600E-01	0.00000E+00
82	0.37352E-01	-0.26983E-02	-0.15946E-01	0.00000E+00
83	0.51133E-01	-0.37301E-02	-0.35477E-01	0.00000E+00
84	0.46545E-01	-0.34879E-02	-0.22208E-01	0.00000E+00
85	0.50967E-01	-0.22407E-02	-0.51289E-01	0.00000E+00
86	0.52584E-01	-0.24651E-02	-0.46871E-01	0.00000E+00
87	0.41862E-01	-0.31171E-02	-0.18186E-01	0.00000E+00
88	0.52284E-01	-0.30333E-02	-0.41367E-01	0.00000E+00
89	0.51699E-01	-0.22742E-02	-0.51762E-01	0.00000E+00
90	0.32793E-01	-0.15852E-02	-0.70446E-02	0.00000E+00
91	0.35242E-01	-0.16901E-02	-0.74229E-02	0.00000E+00
92	0.36729E-01	-0.17291E-02	-0.77631E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.12462E-01	0.00000E+00	0.60435E-03	0.00000E+00
95	0.22985E-01	0.00000E+00	0.89099E-03	0.00000E+00
96	0.25437E-01	0.00000E+00	0.92688E-03	0.00000E+00
97	0.28223E-01	0.00000E+00	0.63414E-03	0.00000E+00
98	0.29116E-01	0.00000E+00	0.46965E-03	0.00000E+00
99	0.32073E-01	-0.10575E-02	-0.35895E-02	0.00000E+00
100	0.39149E-01	-0.20913E-02	-0.10281E-01	0.00000E+00
101	0.49773E-01	-0.36456E-02	-0.24138E-01	0.00000E+00
102	0.53595E-01	-0.23334E-02	-0.52456E-01	0.00000E+00
103	0.53744E-01	-0.40352E-02	-0.37534E-01	0.00000E+00
104	0.55416E-01	-0.28999E-02	-0.49119E-01	0.00000E+00
105	0.55214E-01	-0.23899E-02	-0.53117E-01	0.00000E+00
106	0.55378E-01	-0.42462E-02	-0.39138E-01	0.00000E+00
107	0.57612E-01	-0.32031E-02	-0.50891E-01	0.00000E+00
108	0.56578E-01	-0.24563E-02	-0.53740E-01	0.00000E+00
109	0.57713E-01	-0.25212E-02	-0.54311E-01	0.00000E+00
110	0.57440E-01	-0.44652E-02	-0.41229E-01	0.00000E+00
111	0.59194E-01	-0.34205E-02	-0.52315E-01	0.00000E+00
112	0.58640E-01	-0.25893E-02	-0.54832E-01	0.00000E+00
113	0.58485E-01	-0.44266E-02	-0.44066E-01	0.00000E+00
114	0.59350E-01	-0.26561E-02	-0.55290E-01	0.00000E+00
115	0.59862E-01	-0.27209E-02	-0.55687E-01	0.00000E+00
116	0.60133E-01	-0.27785E-02	-0.56006E-01	0.00000E+00

309

5622

000342

117	0.59948E-01	-0.36467E-02	-0.53262E-01	0.00000E+00
118	0.60155E-01	-0.28051E-02	-0.56143E-01	0.00000E+00
119	0.60158E-01	-0.28441E-02	-0.56330E-01	0.00000E+00
120	0.60519E-01	-0.39373E-02	-0.54235E-01	0.00000E+00
121	0.60168E-01	-0.28959E-02	-0.56533E-01	0.00000E+00
122	0.60163E-01	-0.29367E-02	-0.56618E-01	0.10088E-04
123	0.60133E-01	-0.30251E-02	-0.56690E-01	0.18319E-04
124	0.60079E-01	-0.31682E-02	-0.56763E-01	0.23246E-04
125	0.59983E-01	-0.33803E-02	-0.56841E-01	0.40907E-04
126	0.59744E-01	-0.38917E-02	-0.56969E-01	0.58478E-04
127	0.59445E-01	-0.45242E-02	-0.57093E-01	0.65677E-04
128	0.58816E-01	-0.59425E-02	-0.57349E-01	0.58723E-04
129	0.58363E-01	-0.70318E-02	-0.57585E-01	0.33917E-04
130	0.58117E-01	-0.76895E-02	-0.57842E-01	0.12336E-04
131	0.58225E-01	-0.74399E-02	-0.58232E-01	-0.18620E-04
132	0.58592E-01	-0.62823E-02	-0.58574E-01	-0.29424E-04
133	0.58943E-01	-0.49967E-02	-0.58874E-01	-0.26766E-04
134	0.59130E-01	-0.39192E-02	-0.59116E-01	-0.22198E-04
135	0.59346E-01	-0.29723E-02	-0.59307E-01	-0.20764E-04
136	0.59467E-01	-0.20383E-02	-0.59469E-01	-0.20952E-04
137	0.59537E-01	-0.11258E-02	-0.59532E-01	-0.20813E-04
138	0.59585E-01	-0.16730E-03	-0.59585E-01	-0.21106E-04
139	0.59585E-01	-0.20812E-04	-0.59585E-01	-0.20924E-04

310

5623

000313

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3700E+01

311

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.53374E-01	-0.20365E-01	-0.10388E-01	0.20673E+01	0.10772E-01	-0.20536E+01
2	-0.96741E-01	-0.17822E-01	-0.13643E-01	0.18439E+01	0.29806E-01	-0.15506E+01
3	-0.92334E-01	-0.96786E-02	0.58811E-02	0.15049E+01	0.63234E-01	-0.15270E+01
4	0.23256E-01	-0.26714E-01	-0.30656E-01	0.12156E+01	0.90569E-02	-0.12163E+01
5	-0.28632E-01	-0.15897E-01	0.70859E-02	0.12412E+01	0.27831E-01	-0.12459E+01
6	0.37465E-01	-0.50530E-01	0.41315E-01	0.12473E+01	-0.83481E-02	-0.12705E+01
7	0.73656E-01	0.69701E-02	0.50295E-01	0.88204E+00	-0.15327E-01	-0.89175E+00
8	0.12299E+00	-0.30027E-02	0.78570E-01	0.88124E+00	-0.26976E-01	-0.91942E+00
9	-0.17955E-01	0.65463E-02	0.89059E-02	0.20214E+01	0.89178E-02	-0.20017E+01
10	-0.14574E-01	0.18323E-01	0.36273E-01	0.18374E+01	0.15105E-01	-0.18360E+01
11	0.36907E-01	0.20448E-01	0.10024E+00	0.15467E+01	0.73768E-02	-0.15740E+01
12	0.21537E+00	0.65745E-01	0.15422E+00	0.12512E+01	-0.62117E-01	-0.12641E+01
13	0.72707E-01	0.21753E-01	0.85240E-01	0.12808E+01	-0.30967E-02	-0.13343E+01
14	0.17093E+00	-0.28160E-01	0.10378E+00	0.12996E+01	-0.35361E-01	-0.13654E+01
15	0.24341E+00	0.15127E-01	0.13468E+00	0.92802E+00	-0.70691E-01	-0.95724E+00
16	0.31773E+00	0.20037E-01	0.16882E+00	0.96584E+00	-0.76113E-01	-0.10209E+01
17	-0.51774E-01	-0.77637E-01	-0.24180E-01	0.19938E+01	0.23540E-01	-0.19227E+01
18	-0.32023E-01	-0.79629E-01	0.28012E-01	0.13253E+01	0.55391E-01	-0.18023E+01
19	0.67265E-01	-0.63586E-01	0.16861E+00	0.15444E+01	0.10688E+00	-0.16306E+01
20	0.27867E+00	0.45918E-01	0.18122E+00	0.12835E+01	-0.61743E-01	-0.13574E+01
21	0.64024E-01	-0.49315E-01	0.93653E-01	0.13365E+01	0.57766E-01	-0.15111E+01
22	0.24057E+00	-0.11466E+00	0.14458E+00	0.13716E+01	-0.20517E-01	-0.15937E+01
23	0.37953E+00	-0.35770E-01	0.17520E+00	0.18334E+01	-0.11462E+00	-0.11367E+01
24	0.71854E+00	0.93149E-01	0.35633E+00	0.10644E+01	-0.21734E+00	-0.11964E+01
25	0.33893E+00	-0.17094E+00	0.11107E+00	0.11303E+01	-0.91947E-01	-0.13574E+01
26	0.63989E+00	-0.11491E+00	0.26851E+00	0.10952E+01	-0.27064E+00	-0.14904E+01
27	-0.87240E-01	-0.16649E+00	-0.59369E-01	0.19877E+01	0.34674E-01	-0.18414E+01
28	-0.52928E-01	-0.18678E+00	0.16165E-01	0.18285E+01	0.96980E-01	-0.17536E+01
29	0.53085E-01	-0.19691E+00	0.21796E+00	0.15463E+01	0.27841E+00	-0.16379E+01
30	0.17554E+00	-0.15064E+00	0.11966E+00	0.14211E+01	0.44437E-01	-0.15880E+01
31	-0.56611E-01	-0.24400E+00	0.25839E-01	0.14105E+01	0.18925E+00	-0.16531E+01
32	0.13036E+00	-0.17128E+00	0.12645E+00	0.13847E+01	0.13017E+00	-0.16689E+01
33	0.62797E+00	-0.11545E+00	0.25857E+00	0.13501E+01	-0.15813E+00	-0.15706E+01
34	0.14687E+01	0.46136E+00	0.32140E+00	0.14394E+01	-0.41409E+00	-0.17037E+01
35	-0.25986E-02	-0.50017E+00	-0.16108E+00	0.14647E+01	-0.12303E+00	-0.17046E+01
36	-0.74404E-01	-0.43405E+00	-0.12268E+00	0.13336E+01	0.15236E+00	-0.17682E+01
37	0.24116E+00	-0.14532E+00	0.86443E-01	0.14803E+01	-0.13262E+00	-0.18234E+01
38	-0.14332E+00	-0.24138E+00	-0.85876E-01	0.19853E+01	0.50480E-01	-0.16851E+01
39	-0.13810E+00	-0.27434E+00	0.25728E-01	0.18438E+01	0.15555E+00	-0.16035E+01
40	-0.29342E-02	-0.24887E+00	0.29453E+00	0.16096E+01	0.50270E+00	-0.16061E+01
41	-0.12584E+00	-0.40417E+00	0.30945E+00	0.16864E+01	0.41540E+00	-0.15468E+01
42	-0.26380E+00	-0.27566E+00	0.41151E+00	0.16231E+01	0.53670E+00	-0.13315E+01
43	-0.13673E+00	-0.38120E+00	-0.88340E-02	0.14666E+01	0.29266E+00	-0.16825E+01
44	-0.22314E+00	-0.33871E+00	0.40472E-01	0.14544E+01	0.50039E+00	-0.14185E+01
45	-0.44533E+00	-0.43771E+00	0.15159E-01	0.15002E+01	0.46307E+00	-0.14209E+01
46	-0.17768E+00	-0.20271E+00	0.24294E+00	0.14516E+01	0.30636E+00	-0.12331E+01
47	0.80127E-01	-0.22303E+00	0.13768E-01	0.14176E+01	0.11078E+00	-0.18459E+01
48	-0.40763E+00	-0.52280E+00	-0.32030E+00	0.14880E+01	0.12194E+00	-0.18644E+01
49	-0.29383E+00	-0.36553E+00	-0.13512E+00	0.14665E+01	0.40187E+00	-0.19989E+01
50	-0.11451E+01	-0.58723E+00	-0.47535E+00	0.12938E+01	0.11198E+01	-0.13080E+01
51	-0.21445E+00	-0.19769E+00	-0.16234E+00	0.65481E-01	0.13957E+00	-0.34117E+01
52	-0.35596E-01	0.31769E+00	0.19713E+00	-0.17836E+00	0.62788E+00	0.20009E+01
53	-0.30450E+00	-0.88327E-01	0.24884E+00	0.11624E+01	0.52271E+00	-0.11243E+01
54	-0.20240E+00	-0.31721E+00	-0.10939E+00	0.19608E+01	0.55499E-01	-0.14035E+01

000314

6622

55	-0.43633E+00	-0.39317E+00	0.43163E-01	0.18132E+01	0.15949E+00	-0.13448E+01
56	-0.25749E+00	-0.32039E+00	0.53785E+00	0.15663E+01	0.46088E+00	-0.11848E+01
57	-0.29481E+00	-0.29893E+00	0.27552E+00	0.13564E+01	0.35218E+00	-0.10689E+01
58	-0.30552E+00	-0.26455E+00	0.34133E+00	0.10969E+01	0.44054E+00	-0.92715E+00
59	-0.19879E+00	-0.34754E+00	-0.14943E+00	0.19453E+01	-0.24679E-01	-0.12541E+01
60	-0.28639E+00	-0.40190E+00	-0.12543E+00	0.18942E+01	0.96793E-01	-0.10003E+01
61	-0.20541E+00	-0.33906E+00	-0.49311E-01	0.18984E+01	0.72505E-01	-0.10010E+01
62	-0.22663E+00	-0.40275E+00	-0.16322E+00	0.18706E+01	-0.31403E-01	-0.78255E+00
63	-0.26557E+00	-0.39300E+00	0.64852E-01	0.17488E+01	0.11339E+00	-0.10321E+01
64	-0.26029E+00	-0.41003E+00	0.34636E-01	0.16733E+01	0.90273E-01	-0.80996E+00
65	-0.29998E+00	-0.40080E+00	0.59667E+00	0.15542E+01	0.31156E+00	-0.10373E+01
66	-0.43104E+00	-0.37514E+00	0.64935E+00	0.14132E+01	0.36837E+00	-0.81260E+00
67	-0.31084E+00	-0.41398E+00	0.67971E+00	0.13079E+01	0.25465E+00	-0.54015E+00
68	-0.40709E+00	-0.39673E+00	0.29931E+00	0.13234E+01	0.23296E+00	-0.90450E+00
69	-0.33635E+00	-0.36523E+00	0.34097E+00	0.12883E+01	0.19822E+00	-0.69862E+00
70	-0.55281E+00	-0.34671E+00	0.31642E+00	0.11137E+01	0.26783E+00	-0.47599E+00
71	-0.43561E+00	-0.32427E+00	0.40267E+00	0.11055E+01	0.30533E+00	-0.69942E+00
72	-0.55745E+00	-0.32737E+00	0.38863E+00	0.10181E+01	0.27130E+00	-0.51573E+00
73	-0.15843E+00	-0.19437E+00	-0.19280E-01	0.17034E+01	0.20907E-01	-0.35419E+00
74	-0.21912E+00	-0.18710E+00	0.18414E+00	0.14301E+01	0.58954E-01	-0.31949E+00
75	-0.44093E+00	-0.18672E+00	0.69302E+00	0.11819E+01	0.16402E+00	-0.25767E+00
76	-0.58513E+00	-0.37017E+00	0.29027E+00	0.11588E+01	0.14559E+00	-0.43425E+00
77	-0.38327E+00	-0.26147E+00	0.35291E+00	0.90771E+00	0.93753E-01	-0.14129E+00
78	-0.50372E+00	0.92305E-01	0.53449E+00	0.67232E+00	0.11166E+00	-0.59097E-01
79	-0.64344E+00	-0.27246E+00	0.35935E+00	0.80894E+00	0.16689E+00	-0.25981E+00
80	-0.85984E+00	-0.31833E+00	0.22307E+00	0.58922E+00	0.10697E+00	-0.68865E-01
81	-0.43472E+00	-0.13149E+00	0.43080E+00	0.37595E+00	0.98002E-01	-0.22547E-01
82	-0.52272E+00	-0.41072E-01	0.42004E+00	0.27952E+00	0.10008E+00	-0.32836E-01
83	-0.77362E+00	-0.20831E+00	0.32863E+00	0.47165E+00	0.97303E-01	-0.86518E-01
84	-0.77629E+00	-0.21286E+00	0.37153E+00	0.53592E+00	0.19437E+00	-0.87537E-01
85	-0.93507E+00	-0.31345E+00	0.31273E+00	0.70504E+00	0.24831E+00	-0.32741E+00
86	-0.88063E+00	-0.25565E+00	0.39099E+00	0.50010E+00	0.23639E+00	-0.22615E+00
87	-0.45334E+00	-0.14258E+00	0.56775E+00	0.73115E+00	0.27578E+00	-0.29946E+00
88	-0.54020E+00	-0.23740E+00	0.43473E+00	0.80622E+00	0.38060E+00	-0.55294E+00
89	-0.65116E+00	-0.33623E+00	0.38906E+00	0.71979E+00	0.41447E+00	-0.50078E+00
90	-0.63492E+00	-0.93041E-01	0.55179E+00	0.46157E+00	0.45049E+00	-0.21067E+00
91	-0.83106E+00	-0.35873E+00	0.33434E+00	0.47383E+00	0.49562E+00	-0.37513E+00
92	-0.73991E+00	-0.22201E+00	0.42550E+00	0.35531E+00	0.49562E+00	-0.26675E+00
93	-0.34839E+00	0.43963E-01	0.27645E+00	0.82916E+00	0.61076E+00	-0.87106E+00
94	-0.40297E+00	-0.28332E+00	0.21273E+00	0.82321E+00	0.53785E+00	-0.85435E+00
95	-0.14099E+00	-0.33394E+00	0.25301E+00	0.61446E+00	0.55163E+00	-0.65087E+00
96	-0.30294E+00	-0.25472E+00	0.38322E+00	0.82853E+00	0.50156E+00	-0.67714E+00
97	-0.55586E-01	-0.21350E+00	0.34607E+00	0.69357E+00	0.54780E+00	-0.54938E+00
98	-0.23216E+00	-0.24916E+00	0.40187E+00	0.55724E+00	0.51356E+00	-0.51182E+00
99	-0.18462E+00	-0.69590E-01	0.58912E+00	0.62223E+00	0.47089E+00	-0.49457E+00
100	-0.14766E+00	-0.42172E-01	0.52963E+00	0.45041E+00	0.51481E+00	-0.38881E+00
101	-0.27825E+00	-0.11597E+00	0.40049E+00	0.36309E+00	0.53699E+00	-0.31297E+00
102	-0.30945E+00	-0.61373E-01	0.52608E+00	0.30769E+00	0.52194E+00	-0.29280E+00
103	-0.16020E+00	-0.56548E-01	0.44757E+00	0.14330E+00	0.52082E+00	-0.17824E+00
104	-0.20131E+00	-0.11009E+00	0.39833E+00	0.72690E-01	0.52488E+00	-0.14402E+00
105	-0.41567E+00	-0.18283E+00	0.64467E-01	0.76276E+00	0.79917E+00	-0.79527E+00
106	-0.58834E+00	-0.38112E+00	-0.23735E+00	0.80788E-01	0.86592E+00	-0.39068E+00
107	-0.49437E+00	-0.42723E+00	-0.22124E+00	0.42335E+00	0.83412E+00	-0.55951E+00
108	-0.33487E+00	-0.37950E+00	-0.12270E+00	0.44039E+00	0.80684E+00	-0.56648E+00
109	-0.91714E-01	-0.63019E-01	0.49822E-01	0.18128E+00	0.81337E+00	-0.39318E+00
110	0.22519E+00	0.25105E-01	0.27529E+00	0.58406E+00	0.75745E+00	-0.58726E+00
111	0.64468E+00	0.39900E+00	0.52210E+00	0.42724E+00	0.73067E+00	-0.33795E+00
112	0.65652E+00	0.41064E+00	0.53955E+00	0.66453E+00	0.72777E+00	-0.33537E+00
113	0.43804E+00	-0.41241E-01	0.40573E+00	0.67988E+00	0.62744E+00	-0.65068E+00
114	0.73959E+00	0.49545E+00	0.63943E+00	0.56894E+00	0.61743E+00	-0.32549E+00

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115	0.61906E+00	0.51515E+00	0.69349E+00	0.10012E+01	0.60515E+00	-0.31681E+00
116	0.27410E+00	-0.70999E-01	0.37263E+00	0.71957E+00	0.50004E+00	-0.54781E+00
117	0.36161E+00	0.24610E+00	0.46755E+00	0.80792E+00	0.46121E+00	-0.29361E+00
118	0.39733E+00	0.27091E+00	0.53168E+00	0.66928E+00	0.44693E+00	-0.27253E+00
119	0.12196E+00	-0.25084E-01	0.39013E+00	0.51431E+00	0.38028E+00	-0.41217E+00
120	0.21355E+00	0.17035E+00	0.45860E+00	0.52254E+00	0.35424E+00	-0.24077E+00
121	0.23944E+00	0.19238E+00	0.50080E+00	0.40989E+00	0.34609E+00	-0.21227E+00
122	0.12343E+00	0.69723E-01	0.46305E+00	0.33060E+00	0.29954E+00	-0.31267E+00
123	0.22426E+00	0.19412E+00	0.51447E+00	0.28136E+00	0.27887E+00	-0.17479E+00
124	0.24105E+00	0.21313E+00	0.53743E+00	0.17349E+00	0.27578E+00	-0.14153E+00
125	0.79759E-01	0.36202E-01	0.43948E+00	0.93608E-01	0.25217E+00	-0.17914E+00
126	0.22330E+00	0.21287E+00	0.52730E+00	0.32174E-01	0.24556E+00	-0.95778E-01
127	0.22760E+00	0.22204E+00	0.52887E+00	-0.98829E-01	0.24692E+00	-0.70881E-01
128	0.32958E+00	0.21313E+00	0.57551E+00	-0.42517E-01	0.22120E+00	-0.10508E+00
129	0.63606E+00	0.46460E+00	0.77204E+00	-0.14100E+00	0.19554E+00	-0.28892E-01
130	-0.56973E+00	-0.15249E+00	0.35655E-01	0.12041E+01	0.83590E+00	-0.13115E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.25199E-02	-0.16799E-01	0.14279E-01	0.21067E+02	0.58410E+01	-0.84603E+01
131	0.54362E-01	0.36241E+00	-0.30805E+00	0.54786E+02	0.14047E+02	-0.20480E+02
132	0.33860E-01	0.22579E+00	-0.19192E+00	0.90762E+02	0.22196E+02	-0.35652E+02
133	0.47051E-01	0.31354E+00	-0.26651E+00	0.12987E+03	0.29553E+02	-0.53008E+02
134	0.85428E-01	0.56952E+00	-0.48409E+00	0.17315E+03	0.35914E+02	-0.74925E+02
135	0.72501E-01	0.48334E+00	-0.41084E+00	0.20242E+03	0.38734E+02	-0.95178E+02
136	0.10305E+00	0.68698E+00	-0.58393E+00	0.22868E+03	0.40936E+02	-0.10987E+03
137	0.15366E+00	0.10244E+01	-0.87075E+00	0.23541E+03	0.40379E+02	-0.11633E+03
138	-0.23024E+00	-0.14633E+01	0.11193E+01	0.24069E+03	0.42035E+02	-0.12597E+03
139	-0.54737E+00	-0.36491E+01	0.27244E+01	0.24095E+03	0.44799E+02	-0.13128E+03
140	-0.63534E+00	-0.42356E+01	0.36003E+01	0.29473E+03	0.53282E+02	-0.14887E+03
141	-0.58561E+00	-0.39041E+01	0.33134E+01	0.29765E+03	0.52226E+02	-0.15716E+03
142	-0.66985E+00	-0.44656E+01	0.37958E+01	0.30779E+03	0.52618E+02	-0.16721E+03
143	-0.63022E+00	-0.45348E+01	0.38546E+01	-0.77756E+02	-0.42680E+01	0.18401E+03
144	-0.77485E+00	-0.51657E+01	0.43908E+01	-0.78613E+02	0.91159E+00	0.17767E+03
145	-0.39907E-03	-0.26605E-02	0.33497E+01	-0.41679E+02	-0.64191E+01	0.35980E+03
146	-0.78683E-02	-0.52455E-01	0.21293E+01	-0.21082E+02	-0.92337E+01	0.29996E+03
147	-0.13650E-01	-0.90997E-01	0.21162E+01	-0.19028E+02	-0.13387E+02	0.29594E+03
148	-0.20641E-01	-0.13751E+00	-0.13733E+00	-0.22834E+02	-0.19353E+02	0.29658E+03
149	-0.28957E-01	-0.19305E+00	-0.10827E+00	-0.33654E+02	-0.27392E+02	0.30154E+03
150	-0.41524E-01	-0.27683E+00	0.23683E+00	-0.39622E+02	-0.35813E+02	0.29398E+03
151	-0.54349E-01	-0.36233E+00	-0.74746E+01	-0.56864E+02	-0.45062E+02	0.30025E+03
152	-0.40037E-01	-0.26691E+00	-0.13703E+02	-0.55365E+02	-0.35219E+02	0.29770E+03
153	-0.15901E-01	-0.10601E+00	-0.12214E+02	-0.59214E+02	-0.19571E+02	0.29104E+03
154	0.44557E-01	0.29705E+00	-0.23595E+02	-0.63357E+02	0.20447E+02	0.28281E+03
155	0.13397E+00	0.89311E+00	-0.19830E+02	-0.50934E+02	0.82408E+02	0.26470E+03
156	0.20426E+00	0.13613E+01	-0.16377E+02	-0.55081E+02	0.12904E+03	0.24517E+03
157	0.25821E+00	0.17214E+01	-0.13390E+02	-0.47847E+02	0.16659E+03	0.21830E+03
158	0.29836E+00	0.19891E+01	-0.10632E+02	-0.47266E+02	0.19346E+03	0.19206E+03
159	0.32566E+00	0.21711E+01	-0.79114E+01	-0.43058E+02	0.21244E+03	0.15936E+03
160	0.34085E+00	0.22723E+01	-0.53692E+01	-0.39138E+02	0.22324E+03	0.12884E+03
161	0.37933E+00	0.25289E+01	-0.26616E+01	-0.31618E+02	0.23405E+03	0.91792E+02
162	0.37676E+00	0.25251E+01	0.90447E+00	-0.25805E+02	0.21989E+03	0.65227E+02
163	0.42147E+00	0.28098E+01	0.11062E+01	-0.22993E+02	0.24554E+03	0.46513E+02
164	0.40117E+00	0.26745E+01	0.12470E+01	-0.31419E+02	0.23229E+03	0.33928E+02

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165	0.21701E+03	0.29455E+02	0.31124E+01	0.93440E+01	0.23116E+03	0.27373E+02
166	0.17391E+03	0.21444E+02	0.47889E+01	0.67096E+01	0.21357E+03	0.24419E+02
167	0.13636E+03	0.15732E+02	0.47097E+01	0.49003E+01	0.18122E+03	0.21995E+02
168	0.10270E+03	0.11381E+02	0.40688E+01	0.30951E+01	0.14839E+03	0.19953E+02
169	0.63784E+02	0.51379E+01	0.44131E+01	0.14298E+01	0.12589E+03	0.17681E+02
170	0.25545E+02	-0.18205E+01	0.55655E+01	-0.43252E+00	0.11106E+03	0.15108E+02
171	-0.12716E+02	-0.83082E+01	0.61582E+01	-0.23873E+01	0.84886E+02	0.11585E+02
172	-0.34663E+02	-0.11030E+02	0.54878E+01	-0.53020E+01	0.51214E+02	0.79179E+01
173	-0.35812E+02	-0.87299E+01	0.33537E+01	-0.65599E+01	0.22528E+02	0.35446E+01
174	-0.19520E+02	-0.41493E+01	0.10453E+01	-0.66346E+01	0.26380E+01	0.42262E+01
175	-0.44633E+01	-0.44446E+00	-0.25300E+00	-0.53447E+01	-0.14035E+01	0.40235E+01
176	0.80146E+00	0.45876E+00	-0.32939E+00	-0.41048E+01	0.17350E+01	0.40287E+01
177	0.10639E+01	0.29256E+00	-0.13192E+00	-0.30417E+01	0.35392E+01	0.33850E+01
178	0.24166E+00	0.43758E-01	-0.14259E-01	-0.21629E+01	0.28477E+01	0.24417E+01
179	-0.32051E-01	-0.68940E-02	-0.40687E-02	-0.16105E+01	0.20828E+01	0.17519E+01
180	0.16215E-01	-0.12653E-01	0.10759E-01	-0.10745E+01	0.12412E+01	0.10730E+01
181	-0.30149E-01	-0.17210E-01	0.89211E-02	-0.59697E+00	0.56479E+00	0.40962E+00
182	0.12455E+00	0.57836E-01	-0.34046E-01	-0.11333E+00	-0.66058E-01	0.29085E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3300E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.26952E-01	-0.53639E-04	-0.27198E-01	0.00000E+00
3	0.51009E-01	-0.46465E-04	-0.50936E-01	0.00000E+00
4	0.57261E-01	-0.37434E-04	-0.57050E-01	0.00000E+00
5	0.65965E-01	-0.49555E-04	-0.65945E-01	0.00000E+00
6	0.71998E-01	0.91492E-05	-0.71999E-01	0.00000E+00
7	0.66062E-01	0.68499E-03	-0.66201E-01	0.00000E+00
8	0.72196E-01	0.62502E-03	-0.72309E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.26965E-01	0.44221E-03	-0.27036E-01	0.00000E+00
11	0.50818E-01	0.93059E-03	-0.51025E-01	0.00000E+00
12	0.57063E-01	0.11452E-02	-0.57421E-01	0.00000E+00
13	0.66234E-01	0.12150E-02	-0.66002E-01	0.00000E+00
14	0.72641E-01	0.11862E-02	-0.73147E-01	0.00000E+00
15	0.66737E-01	0.24107E-02	-0.67820E-01	0.00000E+00
16	0.73393E-01	0.22104E-02	-0.74564E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.26452E-01	0.10584E-02	-0.27308E-01	0.00000E+00
19	0.50529E-01	0.24960E-02	-0.51961E-01	0.00000E+00
20	0.57187E-01	0.31426E-02	-0.58787E-01	0.00000E+00
21	0.67252E-01	0.33341E-02	-0.69029E-01	0.00000E+00
22	0.74496E-01	0.32265E-02	-0.76618E-01	0.00000E+00
23	0.67983E-01	0.52743E-02	-0.70760E-01	0.00000E+00
24	0.76000E-01	0.50895E-02	-0.79413E-01	0.00000E+00
25	0.76911E-01	0.66278E-02	-0.81135E-01	0.00000E+00
26	0.77456E-01	0.72240E-02	-0.82160E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.25116E-01	0.15277E-02	-0.26853E-01	0.00000E+00
29	0.48909E-01	0.39394E-02	-0.51811E-01	0.00000E+00
30	0.56216E-01	0.53020E-02	-0.59359E-01	0.00000E+00
31	0.67775E-01	0.68176E-02	-0.72035E-01	0.00000E+00
32	0.77985E-01	0.78591E-02	-0.83241E-01	0.00000E+00
33	0.67547E-01	0.71700E-02	-0.72232E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.24566E-01	0.14223E-02	-0.26408E-01	0.00000E+00
36	0.48100E-01	0.37921E-02	-0.51124E-01	0.00000E+00
37	0.55454E-01	0.51354E-02	-0.58588E-01	0.00000E+00
38	0.67338E-01	0.68723E-02	-0.72092E-01	0.00000E+00
39	0.78715E-01	0.81811E-02	-0.84989E-01	0.00000E+00
40	0.78571E-01	0.81584E-02	-0.84616E-01	0.00000E+00
41	0.78426E-01	0.81357E-02	-0.84260E-01	0.00000E+00
42	0.78268E-01	0.80917E-02	-0.83821E-01	0.00000E+00
43	0.53990E-01	0.43219E-02	-0.55791E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.22525E-01	0.10940E-02	-0.23662E-01	0.00000E+00
46	0.44959E-01	0.28777E-02	-0.45745E-01	0.00000E+00
47	0.78753E-01	0.81814E-02	-0.85096E-01	0.00000E+00
48	0.78764E-01	0.81820E-02	-0.85112E-01	0.00000E+00
49	0.67239E-01	0.67408E-02	-0.71913E-01	0.00000E+00
50	0.78816E-01	0.82310E-02	-0.85325E-01	0.00000E+00
51	0.65073E-01	0.59400E-02	-0.67630E-01	0.00000E+00
52	0.76488E-01	0.83233E-02	-0.78302E-01	0.00000E+00
53	0.78719E-01	0.81639E-02	-0.85049E-01	0.00000E+00
54	0.52029E-01	0.40364E-02	-0.52274E-01	0.00000E+00
55	0.63346E-01	0.56693E-02	-0.62899E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.20278E-01	0.34333E-03	-0.19950E-01	0.00000E+00
58	0.41143E-01	0.21207E-02	-0.39171E-01	0.00000E+00
59	0.72941E-01	0.74747E-02	-0.71688E-01	0.00000E+00
60	0.75505E-01	0.80942E-02	-0.76217E-01	0.00000E+00
61	0.78831E-01	0.82650E-02	-0.85459E-01	0.00000E+00
62	0.47315E-01	0.29843E-02	-0.44762E-01	0.00000E+00
63	0.57942E-01	0.43896E-02	-0.53293E-01	0.00000E+00
64	0.77001E-01	0.84503E-02	-0.73886E-01	0.00000E+00
65	0.78847E-01	0.82972E-02	-0.85591E-01	0.00000E+00
66	0.73967E-01	0.83612E-02	-0.85855E-01	0.00000E+00
67	0.79039E-01	0.84266E-02	-0.86126E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.18720E-01	0.15832E-03	-0.16245E-01	0.00000E+00
70	0.37042E-01	0.53608E-03	-0.31685E-01	0.00000E+00
71	0.67479E-01	0.58950E-02	-0.61128E-01	0.00000E+00
72	0.77056E-01	0.85999E-02	-0.77703E-01	0.00000E+00
73	0.52455E-01	0.21347E-02	-0.43638E-01	0.00000E+00
74	0.79785E-01	0.91332E-02	-0.80101E-01	0.00000E+00
75	0.79191E-01	0.34789E-02	-0.86373E-01	0.00000E+00
76	0.79843E-01	0.85752E-02	-0.86807E-01	0.00000E+00
77	0.61023E-01	0.34050E-02	-0.49526E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.17305E-01	-0.55857E-03	-0.12917E-01	0.00000E+00
80	0.33591E-01	-0.65354E-03	-0.24373E-01	0.00000E+00
81	0.38516E-01	-0.63905E-03	-0.27610E-01	0.00000E+00
82	0.46699E-01	0.16408E-03	-0.32796E-01	0.00000E+00
83	0.76415E-01	0.77015E-02	-0.68312E-01	0.00000E+00
84	0.64633E-01	0.30893E-02	-0.46267E-01	0.00000E+00
85	0.81230E-01	0.86996E-02	-0.87376E-01	0.00000E+00
86	0.82766E-01	0.95006E-02	-0.82809E-01	0.00000E+00
87	0.54493E-01	0.11057E-02	-0.37876E-01	0.00000E+00
88	0.80466E-01	0.37419E-02	-0.75928E-01	0.00000E+00
89	0.82471E-01	0.85101E-02	-0.87922E-01	0.00000E+00
90	0.36530E-01	-0.31653E-03	-0.15022E-01	0.00000E+00
91	0.40624E-01	0.30012E-03	-0.15810E-01	0.00000E+00
92	0.43661E-01	0.89827E-03	-0.16720E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.11705E-01	0.00000E+00	0.46208E-03	0.00000E+00
95	0.22430E-01	0.00000E+00	0.47858E-03	0.00000E+00
96	0.25170E-01	0.00000E+00	0.41340E-03	0.00000E+00
97	0.29174E-01	0.00000E+00	-0.54549E-03	0.00000E+00
98	0.31084E-01	0.00000E+00	-0.11152E-02	0.00000E+00
99	0.35000E-01	0.25154E-05	-0.85449E-02	0.00000E+00
100	0.48361E-01	0.14200E-02	-0.21774E-01	0.00000E+00
101	0.73362E-01	0.51455E-02	-0.50099E-01	0.00000E+00
102	0.85768E-01	0.69493E-02	-0.68702E-01	0.00000E+00
103	0.81782E-01	0.83473E-02	-0.72058E-01	0.00000E+00
104	0.87660E-01	0.10033E-01	-0.86207E-01	0.00000E+00
105	0.83488E-01	0.90698E-02	-0.99399E-01	0.00000E+00
106	0.85705E-01	0.97797E-02	-0.74519E-01	0.00000E+00
107	0.91692E-01	0.10674E-01	-0.88526E-01	0.00000E+00
108	0.90833E-01	0.91576E-02	-0.90008E-01	0.00000E+00
109	0.92690E-01	0.92238E-02	-0.90498E-01	0.00000E+00
110	0.91206E-01	0.11165E-01	-0.77023E-01	0.00000E+00
111	0.94648E-01	0.11251E-01	-0.90097E-01	0.00000E+00
112	0.94233E-01	0.92663E-02	-0.90873E-01	0.00000E+00
113	0.92941E-01	0.11114E-01	-0.80212E-01	0.00000E+00
114	0.95298E-01	0.92760E-02	-0.91104E-01	0.00000E+00
115	0.96011E-01	0.92692E-02	-0.91201E-01	0.00000E+00
116	0.96230E-01	0.92444E-02	-0.91124E-01	0.00000E+00

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000319

117	0.95695E-01	0.11534E-01	-0.90409E-01	0.00000E+00
118	0.96279E-01	0.92279E-02	-0.91036E-01	0.00000E+00
119	0.96182E-01	0.91892E-02	-0.90800E-01	0.00000E+00
120	0.96120E-01	0.11348E-01	-0.90282E-01	0.00000E+00
121	0.95993E-01	0.91298E-02	-0.90462E-01	0.00000E+00
122	0.95985E-01	0.90651E-02	-0.90539E-01	0.16144E-04
123	0.95934E-01	0.89231E-02	-0.90583E-01	0.29684E-04
124	0.95846E-01	0.86895E-02	-0.90629E-01	0.46480E-04
125	0.95635E-01	0.83372E-02	-0.90669E-01	0.68660E-04
126	0.95274E-01	0.74645E-02	-0.90736E-01	0.10147E-03
127	0.94744E-01	0.63501E-02	-0.90796E-01	0.11773E-03
128	0.93561E-01	0.37027E-02	-0.90919E-01	0.11541E-03
129	0.92600E-01	0.14143E-02	-0.91028E-01	0.89981E-04
130	0.91889E-01	-0.42729E-03	-0.91144E-01	0.52151E-04
131	0.91536E-01	-0.15252E-02	-0.91323E-01	0.33630E-05
132	0.91683E-01	-0.11277E-02	-0.91490E-01	-0.15832E-04
133	0.91886E-01	-0.44219E-03	-0.91646E-01	-0.12775E-04
134	0.91978E-01	-0.10355E-03	-0.91777E-01	-0.40356E-05
135	0.92002E-01	-0.66726E-04	-0.91885E-01	-0.66697E-07
136	0.92017E-01	-0.59568E-04	-0.91962E-01	-0.10041E-05
137	0.92028E-01	-0.37495E-04	-0.92012E-01	-0.81500E-06
138	0.92036E-01	-0.74637E-05	-0.92036E-01	-0.13591E-05
139	0.92036E-01	-0.71176E-06	-0.92036E-01	-0.73809E-06

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3800E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.49564E-01	0.96057E-01	0.24381E-01	0.33139E+01	0.18280E-01	-0.33292E+01
2	0.11537E-01	0.95713E-01	-0.92416E-02	0.29841E+01	0.19993E-01	-0.29653E+01
3	-0.74588E-01	0.66808E-01	-0.57983E-01	0.24559E+01	-0.13702E-01	-0.24455E+01
4	0.16056E+00	0.12023E+00	0.15840E+00	0.20185E+01	-0.62613E-01	-0.20354E+01
5	-0.62322E-01	0.30213E-01	-0.61027E-01	0.20351E+01	-0.16284E-01	-0.20505E+01
6	0.12267E+00	0.90590E-01	-0.20753E-02	0.20829E+01	-0.41140E-01	-0.20992E+01
7	0.72654E-01	0.18563E-01	-0.22847E-01	0.14361E+01	-0.30554E-01	-0.14763E+01
8	0.15901E+00	0.27681E-01	-0.20205E-01	0.15039E+01	-0.77990E-01	-0.15297E+01
9	0.20203E+00	0.42465E+00	0.21765E+00	0.32879E+01	0.14315E-02	-0.33401E+01
10	0.15636E+00	0.45303E+00	0.15234E+00	0.30124E+01	-0.13465E-01	-0.30353E+01
11	0.55281E-01	0.39624E+00	-0.10264E+00	0.26375E+01	-0.84323E-01	-0.26205E+01
12	0.41859E+00	0.26730E+00	0.14379E+00	0.22031E+01	-0.17334E+00	-0.21123E+01
13	0.54296E-01	0.14758E+00	-0.90079E-01	0.22630E+01	-0.62365E-01	-0.22395E+01
14	0.43069E+00	0.32782E+00	0.98416E-01	0.23475E+01	-0.14502E+00	-0.23648E+01
15	0.35142E+00	0.73387E-01	0.11792E-01	0.16643E+01	-0.18142E+00	-0.16162E+01
16	0.42074E+00	0.59646E-01	-0.30019E-01	0.17329E+01	-0.21518E+00	-0.17506E+01
17	0.25126E+00	0.66798E+00	0.31241E+00	0.31691E+01	0.36877E-01	-0.33295E+01
18	0.61662E-01	0.75487E+00	0.17899E+00	0.29974E+01	0.75534E-01	-0.31006E+01
19	-0.33831E+00	0.78889E+00	-0.22440E+00	0.28316E+01	0.10653E+00	-0.28619E+01
20	0.61582E+00	0.43469E+00	0.18095E+00	0.25311E+01	-0.22705E+00	-0.23822E+01
21	0.44450E-01	0.67964E+00	0.36641E-01	0.26352E+01	0.39478E-01	-0.26978E+01
22	0.66329E+00	0.13931E+01	0.52079E+00	0.27756E+01	-0.11629E+00	-0.29307E+01
23	0.67441E+00	0.20544E+00	0.68576E-01	0.20537E+01	-0.30740E+00	-0.19901E+01
24	0.13225E+01	0.59183E+00	0.42203E+00	0.23525E+01	-0.50055E+00	-0.21376E+01
25	0.73138E+00	0.61665E+00	0.25713E+00	0.23890E+01	-0.26266E+00	-0.24502E+01
26	0.25272E+01	0.22709E+01	0.15158E+01	0.27230E+01	-0.59591E+00	-0.27337E+01
27	0.24030E+00	0.73242E+00	0.32880E+00	0.30236E+01	0.74737E-01	-0.32726E+01
28	-0.34464E-01	0.87478E+00	0.17600E+00	0.28620E+01	0.19258E+00	-0.30999E+01
29	-0.79005E+00	0.95203E+00	-0.33295E+00	0.26128E+01	0.49561E+00	-0.29707E+01
30	0.99363E-01	0.10023E+01	0.10905E+00	0.26954E+01	0.12018E-01	-0.29357E+01
31	-0.12518E-01	0.12651E+01	0.21023E+00	0.24941E+01	0.32176E+00	-0.30431E+01
32	0.30173E+00	0.13019E+01	0.31871E+00	0.23988E+01	0.19760E+00	-0.31018E+01
33	0.17672E+01	0.12137E+01	0.10266E+01	0.26458E+01	-0.36550E+00	-0.23745E+01
34	0.39621E+01	0.32118E+01	0.24401E+01	0.27055E+01	-0.80428E+00	-0.31190E+01
35	0.13329E+01	0.14563E+01	0.68037E+00	0.26458E+01	-0.26568E+00	-0.31159E+01
36	-0.21971E+00	0.57535E+00	-0.25833E+00	0.25031E+01	0.22540E+00	-0.32033E+01
37	0.16655E+01	0.19535E+01	0.10127E+01	0.27660E+01	-0.28528E+00	-0.33159E+01
38	0.12738E+00	0.57795E+00	0.24107E+00	0.28663E+01	0.11087E+00	-0.30722E+01
39	-0.20785E+00	0.66296E+00	0.88456E-01	0.27656E+01	0.31806E+00	-0.29052E+01
40	-0.86995E+00	0.93559E+00	-0.28006E+00	0.24684E+01	0.89897E+00	-0.29287E+01
41	-0.11086E+01	0.49576E+00	-0.37539E+00	0.26075E+01	0.82739E+00	-0.28419E+01
42	-0.13377E+01	0.61146E+00	-0.30629E+00	0.25125E+01	0.10196E+01	-0.25290E+01
43	-0.31837E+00	0.83347E+00	-0.54634E-01	0.24221E+01	0.51852E+00	-0.31055E+01
44	-0.66617E+00	0.56120E+00	-0.23330E+00	0.23675E+01	0.84705E+00	-0.27020E+01
45	-0.10952E+01	0.33358E+00	-0.37335E+00	0.25030E+01	0.80791E+00	-0.26823E+01
46	-0.57921E+00	0.77300E+00	0.47738E-01	0.24047E+01	0.59377E+00	-0.24016E+01
47	0.52237E+00	0.12584E+01	0.28855E+00	0.26145E+01	0.15161E+00	-0.33430E+01
48	0.53423E+00	0.13057E+01	0.30230E+00	0.27697E+01	0.21750E+00	-0.33798E+01
49	-0.17038E+00	0.10170E+01	-0.71393E-02	0.27261E+01	0.66795E+00	-0.35688E+01
50	-0.25107E+01	0.14969E-01	-0.12253E+01	0.23248E+01	0.17885E+01	-0.24920E+01
51	-0.49491E+00	-0.20449E+00	-0.76041E+00	0.11036E+00	0.23429E+00	-0.67926E+00
52	-0.14323E+01	-0.44597E+00	-0.11281E+01	-0.10059E+01	0.97974E+00	0.29058E+01
53	-0.10582E+01	0.80131E+00	-0.11665E+00	0.21079E+01	0.89962E+00	-0.21849E+01
54	-0.15424E+00	0.18663E+00	0.42342E-02	0.25834E+01	0.13921E+00	-0.26707E+01

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55	-0.45857E+00	0.42061E+00	-0.11103E-01	0.25910E+01	0.37568E+00	-0.25490E+01
56	-0.14555E+01	0.46071E+00	-0.21912E+00	0.23866E+01	0.10022E+01	-0.23150E+01
57	-0.10399E+01	0.45191E+00	-0.13420E+00	0.22221E+01	0.70572E+00	-0.21532E+01
58	-0.11586E+01	0.50046E+00	-0.10096E+00	0.19483E+01	0.81588E+00	-0.19079E+01
59	0.17606E+00	0.26122E+00	0.17893E+00	0.24784E+01	-0.14353E-02	-0.24399E+01
60	-0.56196E+00	-0.29469E+00	-0.31022E+00	0.22740E+01	0.26016E+00	-0.19875E+01
61	-0.44285E+00	-0.19674E+00	-0.18444E+00	0.22354E+01	0.21856E+00	-0.19840E+01
62	-0.21101E+00	-0.34754E+00	-0.17997E+00	0.21151E+01	-0.15518E-01	-0.15767E+01
63	-0.57810E+00	0.10586E+00	-0.98392E-01	0.23316E+01	0.37801E+00	-0.21284E+01
64	-0.75719E+00	-0.36035E+00	-0.28390E+00	0.20430E+01	0.33190E+00	-0.16424E+01
65	-0.14940E+01	0.34242E+00	-0.10899E+00	0.22210E+01	0.10069E+01	-0.21001E+01
66	-0.18373E+01	-0.43355E-01	-0.17114E+00	0.19796E+01	0.11067E+01	-0.16731E+01
67	-0.14905E+01	-0.46391E+00	-0.11783E+00	0.16234E+01	0.89230E+00	-0.11818E+01
68	-0.13001E+01	0.26346E+00	-0.17258E+00	0.19988E+01	0.76770E+00	-0.13976E+01
69	-0.11592E+01	0.63612E-01	-0.14096E+00	0.18514E+01	0.63711E+00	-0.15919E+01
70	-0.17213E+01	-0.37912E+00	-0.44461E+00	0.16023E+01	0.78099E+00	-0.11306E+01
71	-0.14327E+01	0.20548E+00	-0.15843E+00	0.17579E+01	0.81112E+00	-0.15680E+01
72	-0.15752E+01	-0.32940E-01	-0.18455E+00	0.15896E+01	0.80213E+00	-0.12317E+01
73	-0.30064E+00	-0.26991E+00	-0.13520E+00	0.17902E+01	0.89415E-01	-0.76000E+00
74	-0.54762E+00	-0.25622E+00	-0.50160E-01	0.16495E+01	0.25353E+00	-0.69670E+00
75	-0.11590E+01	-0.25329E+00	0.28374E+00	0.14292E+01	0.69728E+00	-0.60020E+00
76	-0.12717E+01	-0.42345E-01	-0.52186E-01	0.17522E+01	0.60114E+00	-0.11208E+01
77	-0.10075E+01	-0.42794E+00	-0.66832E-01	0.10292E+01	0.42597E+00	-0.30544E+00
78	-0.10854E+01	-0.44793E+00	-0.34422E-01	0.88119E+00	0.42055E+00	-0.20690E+00
79	-0.16422E+01	-0.26294E+00	-0.19679E+00	0.12599E+01	0.66131E+00	-0.63902E+00
80	-0.17104E+01	-0.40161E+00	-0.22893E+00	0.35951E+00	0.45277E+00	-0.17082E+00
81	-0.89876E+00	-0.18722E+00	0.17149E+00	0.42304E+00	0.41092E+00	-0.63696E-01
82	-0.10114E+01	-0.37352E+00	0.77649E-01	0.41353E+00	0.37959E+00	-0.12345E+00
83	-0.15145E+01	-0.14066E+00	-0.22550E-03	0.81613E+00	0.43635E+00	-0.25620E+00
84	-0.20223E+01	-0.43102E+00	-0.31480E+00	0.87212E+00	0.71671E+00	-0.25535E+00
85	-0.21397E+01	-0.76643E-01	-0.25616E+00	0.13059E+01	0.87329E+00	-0.78644E+00
86	-0.22482E+01	-0.22229E+00	-0.25664E+00	0.11066E+01	0.84430E+00	-0.55593E+00
87	-0.16936E+01	-0.10569E+00	-0.16670E+00	0.13099E+01	0.81216E+00	-0.87033E+00
88	-0.16636E+01	0.13765E+00	-0.15552E+00	0.13972E+01	0.92633E+00	-0.12365E+01
89	-0.17372E+01	0.11672E+00	-0.14329E+00	0.12121E+01	0.97339E+00	-0.11125E+01
90	-0.19663E+01	-0.71250E-01	-0.16094E+00	0.93442E+00	0.10159E+01	-0.59666E+00
91	-0.19860E+01	-0.18875E+00	-0.25368E+00	0.82032E+00	0.10579E+01	-0.78481E+00
92	-0.20374E+01	-0.31031E+00	-0.26066E+00	0.62087E+00	0.10357E+01	-0.52316E+00
93	-0.12598E+01	0.96541E+00	-0.13192E+00	0.15396E+01	0.10248E+01	-0.17842E+01
94	-0.14341E+01	0.33453E+00	-0.34624E+00	0.15475E+01	0.92516E+00	-0.17134E+01
95	-0.10663E+01	-0.17405E+00	-0.41341E+00	0.11138E+01	0.85782E+00	-0.12933E+01
96	-0.12568E+01	0.34363E+00	-0.12537E+00	0.15995E+01	0.85826E+00	-0.14827E+01
97	-0.97674E+00	-0.67498E-01	-0.29598E+00	0.12813E+01	0.84391E+00	-0.11205E+01
98	-0.10778E+01	0.84968E-01	-0.11412E+00	0.11256E+01	0.78532E+00	-0.10981E+01
99	-0.12036E+01	0.40400E+01	0.41306E-01	0.13267E+01	0.79896E+00	-0.11605E+01
100	-0.95240E+00	0.21602E+00	0.48153E-01	0.98360E+00	0.75959E+00	-0.83459E+00
101	-0.11197E+01	-0.57178E-01	-0.11714E+00	0.74452E+00	0.75127E+00	-0.63741E+00
102	-0.71641E+00	0.27308E+00	0.35701E+00	0.80429E+00	0.69981E+00	-0.60446E+00
103	-0.57364E+00	-0.10269E+00	0.16029E+00	0.26663E+00	0.63525E+00	-0.31432E+00
104	-0.61486E+00	-0.18209E+00	0.13663E+00	0.81787E-01	0.62647E+00	-0.20084E+00
105	-0.13569E+01	0.48943E+00	-0.42736E+00	0.13551E+01	0.12498E+01	-0.16568E+01
106	-0.23412E+01	-0.12397E+01	-0.17891E+01	0.84699E-01	0.13446E+01	-0.79574E+00
107	-0.16739E+01	-0.55020E+00	-0.11878E+01	0.69865E+00	0.12884E+01	-0.11836E+01
108	-0.14060E+01	-0.47171E+00	-0.10306E+01	0.72286E+00	0.12312E+01	-0.11928E+01
109	-0.14765E+01	-0.67587E+00	-0.12041E+01	0.29607E+00	0.12265E+01	-0.79958E+00
110	-0.24100E+00	0.47370E+00	-0.16635E+00	0.10875E+01	0.11201E+01	-0.12436E+01
111	-0.11599E+00	0.10848E+00	-0.34537E+00	0.78216E+00	0.10296E+01	-0.69009E+00
112	-0.94391E-01	0.12346E+00	-0.30436E+00	0.12018E+01	0.10209E+01	-0.68413E+00
113	0.42924E+00	0.71498E+00	0.31358E+00	0.12952E+01	0.85325E+00	-0.13162E+01
114	0.20870E+00	0.30746E+00	-0.67294E-01	0.11023E+01	0.79031E+00	-0.67113E+00

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115	0.25949E+00	0.32971E+00	0.37406E-01	0.13795E+01	0.76331E+00	-0.65176E+00
116	0.21967E+00	0.65920E+00	0.32186E+00	0.14932E+01	0.57852E+00	-0.11461E+01
117	-0.32271E+00	-0.22102E-01	-0.18951E+00	0.16101E+01	0.45074E+00	-0.61352E+00
118	-0.26736E+00	-0.23735E-02	-0.70964E-01	0.14078E+01	0.41914E+00	-0.56802E+00
119	-0.40130E-01	0.56655E+00	0.33566E+00	0.12031E+01	0.31311E+00	-0.86490E+00
120	-0.45995E+00	-0.11773E+00	-0.35541E-01	0.12022E+01	0.21513E+00	-0.50963E+00
121	-0.42599E+00	-0.10949E+00	-0.33832E-02	0.10347E+01	0.19378E+00	-0.44819E+00
122	0.10792E+00	0.70978E+00	0.57265E+00	0.10303E+01	0.12375E+00	-0.67249E+00
123	-0.10000E+00	0.86601E-01	0.27965E+00	0.84151E+00	0.34499E-01	-0.37539E+00
124	-0.67520E-01	0.81315E-01	0.31664E+00	0.65406E+00	0.22343E-01	-0.30296E+00
125	-0.12951E+00	0.14231E+00	0.32990E+00	0.55759E+00	0.12357E-01	-0.33665E+00
126	-0.14335E-01	0.11526E+00	0.39857E+00	0.42836E+00	-0.31482E-01	-0.20923E+00
127	-0.19139E-01	0.10779E+00	0.40303E+00	0.28192E+00	-0.35117E-01	-0.15537E+00
128	0.22520E+00	0.70223E+00	0.58335E+00	0.32632E+00	-0.60289E-01	-0.17452E+00
129	0.53816E+00	0.43916E+00	0.78520E+00	0.19755E+00	-0.11643E+00	-0.66213E-01
130	-0.16316E+01	0.66353E+00	-0.48342E+00	0.21983E+01	0.13250E+01	-0.24830E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.32199E+00	-0.21466E+01	0.18246E+01	0.34697E+02	-0.15416E+02	-0.16270E+02
131	-0.83201E-01	-0.55467E+00	0.47147E+00	0.78073E+02	-0.26398E+02	-0.50698E+02
132	-0.17971E+00	-0.11981E+01	0.10184E+01	0.13257E+03	-0.42024E+02	-0.86744E+02
133	-0.11197E+00	-0.74646E+00	0.63449E+00	0.19485E+03	-0.57563E+02	-0.12702E+03
134	-0.21794E+00	-0.14529E+01	0.12350E+01	0.26638E+03	-0.73517E+02	-0.17488E+03
135	-0.34944E+00	-0.23296E+01	0.19802E+01	0.32324E+03	-0.85728E+02	-0.21793E+03
136	-0.20097E+00	-0.13398E+01	0.11388E+01	0.36783E+03	-0.91067E+02	-0.24780E+03
137	-0.20736E+00	-0.13820E+01	0.11747E+01	0.35412E+03	-0.10272E+03	-0.26101E+03
138	-0.36910E+00	-0.24607E+01	0.17089E+01	0.36670E+03	-0.18975E+03	-0.28210E+03
139	0.67553E+00	0.45035E+01	-0.52303E+01	0.35070E+03	-0.36569E+03	-0.29847E+03
140	0.22936E+01	0.15290E+02	-0.12997E+02	0.45732E+03	-0.44207E+03	-0.33930E+03
141	0.21833E+01	0.14555E+02	-0.12372E+02	0.45714E+03	-0.44873E+03	-0.36233E+03
142	0.25331E+01	0.16837E+02	-0.14354E+02	0.48330E+03	-0.44957E+03	-0.38560E+03
143	0.25879E+01	0.17255E+02	-0.14665E+02	-0.20200E+03	-0.55143E+03	0.31005E+03
144	0.27928E+01	0.16617E+02	-0.15826E+02	-0.19547E+03	-0.54150E+03	0.29040E+03
145	-0.10013E+01	-0.66753E+01	0.19985E+01	0.19955E+03	-0.38956E+03	0.71754E+03
146	-0.40923E+00	-0.27295E+01	0.24997E+01	0.22098E+03	-0.28266E+03	0.62663E+03
147	-0.41662E+00	-0.27775E+01	0.24508E+01	0.20577E+03	-0.29061E+03	0.61744E+03
148	-0.42473E+00	-0.23315E+01	-0.13920E+01	0.20358E+03	-0.29720E+03	0.61935E+03
149	-0.43384E+00	-0.28923E+01	-0.13466E+01	0.20767E+03	-0.30361E+03	0.63121E+03
150	-0.49217E+00	-0.32811E+01	-0.93814E+00	0.16040E+03	-0.32997E+03	0.61409E+03
151	-0.53546E+00	-0.39031E+01	-0.14392E+02	0.16056E+03	-0.36945E+03	0.62913E+03
152	-0.54259E+00	-0.36173E+01	-0.25441E+02	0.15798E+03	-0.34102E+03	0.62476E+03
153	-0.48000E+00	-0.32000E+01	-0.22525E+02	0.14050E+03	-0.30157E+03	0.61136E+03
154	-0.34705E+00	-0.23137E+01	-0.43052E+02	0.12388E+03	-0.21470E+03	0.59506E+03
155	-0.15915E+00	-0.10510E+01	-0.35255E+02	0.12179E+03	-0.88710E+02	0.55743E+03
156	-0.35649E-02	-0.23766E-01	-0.30371E+02	0.10023E+03	0.12639E+02	0.51743E+03
157	0.12486E+00	0.83253E+00	-0.24006E+02	0.88839E+02	0.97266E+02	0.46112E+03
158	0.23000E+00	0.15332E+01	-0.20166E+02	0.72458E+02	0.16547E+03	0.40634E+03
159	0.31285E+00	0.20857E+01	-0.13933E+02	0.43415E+02	0.21680E+03	0.33670E+03
160	0.37270E+00	0.24847E+01	-0.96591E+01	0.30568E+02	0.25510E+03	0.27155E+03
161	0.45517E+00	0.30344E+01	-0.46000E+01	0.14570E+02	0.28872E+03	0.19266E+03
162	0.43363E+00	0.32242E+01	-0.90315E+00	0.66937E+01	0.28672E+03	0.13608E+03
163	0.37042E+00	0.38032E+01	0.39795E+00	-0.90128E+01	0.33567E+03	0.96759E+02
164	0.53591E+00	0.39061E+01	0.14176E+01	-0.24626E+02	0.34245E+03	0.64735E+02

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165	0.34875E+03	0.56797E+02	-0.32246E+01	0.17637E+02	0.35379E+03	0.49539E+02
166	0.28727E+03	0.43231E+02	0.10653E+01	0.13132E+02	0.33042E+03	0.45073E+02
167	0.23154E+03	0.32138E+02	0.32327E+01	0.10495E+02	0.28385E+03	0.41374E+02
168	0.18045E+03	0.23491E+02	0.40416E+01	0.78281E+01	0.23559E+03	0.38241E+02
169	0.11958E+03	0.12815E+02	0.53977E+01	0.53573E+01	0.20381E+03	0.34725E+02
170	0.53533E+02	0.14093E+01	0.75396E+01	0.25305E+01	0.18443E+03	0.30671E+02
171	-0.52942E+01	-0.93114E+01	0.89310E+01	-0.13058E+01	0.14760E+03	0.24940E+02
172	-0.44689E+02	-0.15362E+02	0.83906E+01	-0.53030E+01	0.97525E+02	0.18700E+02
173	-0.48194E+02	-0.12909E+02	0.54028E+01	-0.76333E+01	0.51908E+02	0.14322E+02
174	-0.30781E+02	-0.66537E+01	0.18965E+01	-0.82916E+01	0.17871E+02	0.11342E+02
175	-0.79372E+01	-0.83858E+00	-0.31265E+00	-0.67470E+01	0.71146E+01	0.10160E+02
176	0.95993E+00	0.78110E+00	-0.56172E+00	-0.50584E+01	0.10103E+02	0.95926E+01
177	0.20433E+01	0.61175E+00	-0.26025E+00	-0.36090E+01	0.12244E+02	0.79439E+01
178	0.66604E+00	0.10337E+00	0.41478E-02	-0.25099E+01	0.94306E+01	0.57558E+01
179	-0.16244E+00	-0.52589E-01	0.29852E-01	-0.19492E+01	0.67607E+01	0.40847E+01
180	0.22010E-01	-0.17420E-01	0.20479E-01	-0.13692E+01	0.40044E+01	0.24812E+01
181	-0.60275E-01	-0.60480E-01	0.46020E-01	-0.91283E+00	0.18415E+01	0.89103E+00
182	0.27434E+00	0.12741E+00	-0.75006E-01	-0.25531E+00	-0.38626E+00	-0.15293E-03

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.57486E-01	0.91963E-04	0.58108E-01	0.00000E+00
3	-0.10844E+00	-0.37302E-04	0.10831E+00	0.00000E+00
4	-0.12153E+00	-0.53269E-04	0.12103E+00	0.00000E+00
5	-0.13969E+00	0.73339E-04	0.13964E+00	0.00000E+00
6	-0.15223E+00	-0.18428E-04	0.15223E+00	0.00000E+00
7	-0.13985E+00	-0.15846E-02	0.14009E+00	0.00000E+00
8	-0.15264E+00	-0.14479E-02	0.15285E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.57131E-01	-0.23030E-03	0.57212E-01	0.00000E+00
11	-0.10760E+00	-0.20559E-02	0.10797E+00	0.00000E+00
12	-0.12036E+00	-0.25476E-02	0.12148E+00	0.00000E+00
13	-0.14015E+00	-0.25703E-02	0.14078E+00	0.00000E+00
14	-0.15358E+00	-0.25780E-02	0.15450E+00	0.00000E+00
15	-0.14111E+00	-0.48465E-02	0.14314E+00	0.00000E+00
16	-0.15517E+00	-0.44101E-02	0.15730E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.55773E-01	-0.19925E-02	0.57472E-01	0.00000E+00
19	-0.10670E+00	-0.47793E-02	0.10944E+00	0.00000E+00
20	-0.12091E+00	-0.59985E-02	0.12388E+00	0.00000E+00
21	-0.14209E+00	-0.63167E-02	0.14540E+00	0.00000E+00
22	-0.15748E+00	-0.60533E-02	0.16138E+00	0.00000E+00
23	-0.14350E+00	-0.93732E-02	0.14870E+00	0.00000E+00
24	-0.16061E+00	-0.88143E-02	0.16694E+00	0.00000E+00
25	-0.16250E+00	-0.11203E-01	0.17038E+00	0.00000E+00
26	-0.16363E+00	-0.12046E-01	0.17243E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.53090E-01	-0.25287E-02	0.56153E-01	0.00000E+00
29	-0.10355E+00	-0.66806E-02	0.10852E+00	0.00000E+00
30	-0.11912E+00	-0.90089E-02	0.12445E+00	0.00000E+00
31	-0.14337E+00	-0.11476E-01	0.15101E+00	0.00000E+00
32	-0.16474E+00	-0.12873E-01	0.17459E+00	0.00000E+00
33	-0.14303E+00	-0.11968E-01	0.15131E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.52077E-01	-0.22544E-02	0.55123E-01	0.00000E+00
36	-0.10208E+00	-0.61580E-02	0.10691E+00	0.00000E+00
37	-0.11777E+00	-0.83305E-02	0.12263E+00	0.00000E+00
38	-0.14270E+00	-0.11259E-01	0.15092E+00	0.00000E+00
39	-0.16624E+00	-0.13421E-01	0.17803E+00	0.00000E+00
40	-0.16594E+00	-0.13386E-01	0.17729E+00	0.00000E+00
41	-0.16564E+00	-0.13350E-01	0.17659E+00	0.00000E+00
42	-0.16532E+00	-0.13279E-01	0.17574E+00	0.00000E+00
43	-0.11511E+00	-0.63330E-02	0.11637E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.48464E-01	-0.12654E-02	0.48896E-01	0.00000E+00
46	-0.96391E-01	-0.36589E-02	0.94798E-01	0.00000E+00
47	-0.16632E+00	-0.13421E-01	0.17823E+00	0.00000E+00
48	-0.16634E+00	-0.13422E-01	0.17827E+00	0.00000E+00
49	-0.14252E+00	-0.10970E-01	0.15051E+00	0.00000E+00
50	-0.16644E+00	-0.13514E-01	0.17875E+00	0.00000E+00
51	-0.13956E+00	-0.88016E-02	0.14114E+00	0.00000E+00
52	-0.16191E+00	-0.13328E-01	0.16358E+00	0.00000E+00
53	-0.16624E+00	-0.13378E-01	0.17809E+00	0.00000E+00
54	-0.11149E+00	-0.53743E-02	0.10852E+00	0.00000E+00
55	-0.13510E+00	-0.79462E-02	0.13067E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.44753E-01	0.26386E-03	0.40595E-01	0.00000E+00
58	-0.89719E-01	-0.15550E-02	0.80039E-01	0.00000E+00
59	-0.15500E+00	-0.10943E-01	0.14905E+00	0.00000E+00
60	-0.15993E+00	-0.12699E-01	0.15906E+00	0.00000E+00
61	-0.16548E+00	-0.13575E-01	0.17905E+00	0.00000E+00
62	-0.10389E+00	-0.23881E-02	0.91584E-01	0.00000E+00
63	-0.12506E+00	-0.41821E-02	0.10912E+00	0.00000E+00
64	-0.16297E+00	-0.13513E-01	0.16481E+00	0.00000E+00
65	-0.16651E+00	-0.13633E-01	0.17934E+00	0.00000E+00
66	-0.16676E+00	-0.13748E-01	0.17992E+00	0.00000E+00
67	-0.16701E+00	-0.13864E-01	0.18052E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.42246E-01	0.76349E-03	0.32870E-01	0.00000E+00
70	-0.82664E-01	0.12648E-02	0.63880E-01	0.00000E+00
71	-0.14475E+00	-0.62182E-02	0.12537E+00	0.00000E+00
72	-0.16316E+00	-0.13620E-01	0.16220E+00	0.00000E+00
73	-0.11506E+00	0.20759E-05	0.87307E-01	0.00000E+00
74	-0.16874E+00	-0.14478E-01	0.16729E+00	0.00000E+00
75	-0.16722E+00	-0.13956E-01	0.18107E+00	0.00000E+00
76	-0.16858E+00	-0.14123E-01	0.18204E+00	0.00000E+00
77	-0.13260E+00	-0.15617E-02	0.99688E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.40055E-01	0.19253E-02	0.25577E-01	0.00000E+00
80	-0.76654E-01	0.34440E-02	0.48157E-01	0.00000E+00
81	-0.87307E-01	0.41095E-02	0.54574E-01	0.00000E+00
82	-0.10433E+00	0.33732E-02	0.64730E-01	0.00000E+00
83	-0.16306E+00	-0.89038E-02	0.14045E+00	0.00000E+00
84	-0.14019E+00	-0.30402E-03	0.91570E-01	0.00000E+00
85	-0.17146E+00	-0.14339E-01	0.18332E+00	0.00000E+00
86	-0.17497E+00	-0.14995E-01	0.17308E+00	0.00000E+00
87	-0.12030E+00	0.24101E-02	0.74640E-01	0.00000E+00
88	-0.17067E+00	-0.12266E-01	0.15757E+00	0.00000E+00
89	-0.17405E+00	-0.14527E-01	0.18456E+00	0.00000E+00
90	-0.84897E-01	0.25544E-02	0.28742E-01	0.00000E+00
91	-0.93122E-01	0.17572E-02	0.30288E-01	0.00000E+00
92	-0.98951E-01	0.89816E-03	0.32049E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.29734E-01	0.00000E+00	-0.18973E-02	0.00000E+00
95	-0.55170E-01	0.00000E+00	-0.25913E-02	0.00000E+00
96	-0.61384E-01	0.00000E+00	-0.25999E-02	0.00000E+00
97	-0.69693E-01	0.00000E+00	-0.89207E-03	0.00000E+00
98	-0.73177E-01	0.00000E+00	0.14085E-03	0.00000E+00
99	-0.81779E-01	0.13281E-02	0.15441E-01	0.00000E+00
100	-0.10822E+00	0.57317E-03	0.42230E-01	0.00000E+00
101	-0.15694E+00	-0.34830E-02	0.99520E-01	0.00000E+00
102	-0.18090E+00	-0.14760E-01	0.18633E+00	0.00000E+00
103	-0.17392E+00	-0.10623E-01	0.14842E+00	0.00000E+00
104	-0.18553E+00	-0.15872E-01	0.18045E+00	0.00000E+00
105	-0.18659E+00	-0.14961E-01	0.18793E+00	0.00000E+00
106	-0.18189E+00	-0.12130E-01	0.15389E+00	0.00000E+00
107	-0.19362E+00	-0.16809E-01	0.18562E+00	0.00000E+00
108	-0.19150E+00	-0.15098E-01	0.18936E+00	0.00000E+00
109	-0.19544E+00	-0.15197E-01	0.19054E+00	0.00000E+00
110	-0.19316E+00	-0.14442E-01	0.15998E+00	0.00000E+00
111	-0.19983E+00	-0.17754E-01	0.18930E+00	0.00000E+00
112	-0.19874E+00	-0.15251E-01	0.19149E+00	0.00000E+00
113	-0.19698E+00	-0.14908E-01	0.16731E+00	0.00000E+00
114	-0.20106E+00	-0.15245E-01	0.19215E+00	0.00000E+00
115	-0.20268E+00	-0.15209E-01	0.19254E+00	0.00000E+00
116	-0.20339E+00	-0.15141E-01	0.19257E+00	0.00000E+00

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117	-0.20239E+00	-0.17757E-01	0.19042E+00	0.00000E+00
118	-0.20341E+00	-0.15100E-01	0.19249E+00	0.00000E+00
119	-0.20329E+00	-0.15012E-01	0.19216E+00	0.00000E+00
120	-0.20384E+00	-0.17640E-01	0.19081E+00	0.00000E+00
121	-0.20300E+00	-0.14877E-01	0.19166E+00	0.00000E+00
122	-0.20298E+00	-0.14747E-01	0.19183E+00	-0.32291E-04
123	-0.20288E+00	-0.14463E-01	0.19194E+00	-0.59324E-04
124	-0.20271E+00	-0.13997E-01	0.19206E+00	-0.92747E-04
125	-0.20239E+00	-0.13295E-01	0.19217E+00	-0.13669E-03
126	-0.20157E+00	-0.11562E-01	0.19234E+00	-0.20103E-03
127	-0.20052E+00	-0.93595E-02	0.19251E+00	-0.23204E-03
128	-0.19821E+00	-0.41766E-02	0.19284E+00	-0.22420E-03
129	-0.19636E+00	0.22711E-03	0.19315E+00	-0.17111E-03
130	-0.19504E+00	0.36574E-02	0.19347E+00	-0.94015E-04
131	-0.19450E+00	0.53644E-02	0.19398E+00	0.42292E-05
132	-0.19493E+00	0.40985E-02	0.19444E+00	0.41744E-04
133	-0.19545E+00	0.22974E-02	0.19486E+00	0.34397E-04
134	-0.19570E+00	0.12590E-02	0.19522E+00	0.15098E-04
135	-0.19579E+00	0.93810E-03	0.19551E+00	0.51288E-05
136	-0.19585E+00	0.69603E-03	0.19572E+00	0.76003E-05
137	-0.19589E+00	0.39843E-03	0.19585E+00	0.76594E-05
138	-0.19592E+00	0.64906E-04	0.19592E+00	0.90310E-05
139	-0.19592E+00	0.76368E-05	0.19592E+00	0.76936E-05

32A

5628

000327

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3900E+01

325

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.16342E-01	-0.14593E+00	0.10151E-01	-0.70434E+01	-0.61024E-01	0.70793E+01
2	0.10740E+00	-0.13334E+00	0.87323E-01	-0.63147E+01	-0.83061E-01	0.62820E+01
3	0.30468E+00	-0.10732E+00	0.12831E+00	-0.51761E+01	-0.18305E-01	0.51675E+01
4	-0.28953E+00	-0.17625E+00	-0.34386E+00	-0.42349E+01	0.13788E+00	0.43154E+01
5	0.19838E+00	-0.44657E-01	0.12095E+00	-0.42676E+01	0.19408E-01	0.43340E+01
6	-0.20994E+00	-0.15729E+00	0.35939E-02	-0.43741E+01	0.70572E-01	0.44282E+01
7	-0.14260E+00	-0.23115E-01	0.33026E-01	-0.31191E+01	0.61298E-01	0.31069E+01
8	-0.32560E+00	-0.51368E-01	0.17123E-01	-0.31397E+01	0.15147E+00	0.32161E+01
9	-0.31249E+00	-0.77350E+00	-0.37095E+00	-0.69402E+01	-0.12719E-01	0.70457E+01
10	-0.19131E+00	-0.84352E+00	-0.23959E+00	-0.63406E+01	0.40384E-02	0.64021E+01
11	0.16364E-01	-0.73796E+00	0.22862E+00	-0.55080E+01	0.12576E+00	0.55149E+01
12	-0.81191E+00	-0.51756E+00	-0.29511E+00	-0.45708E+01	0.34102E+00	0.44422E+01
13	-0.73284E-01	-0.31300E+00	0.16050E+00	-0.46929E+01	0.10422E+00	0.47018E+01
14	-0.79066E+00	-0.57502E+00	-0.16439E+00	-0.48536E+01	0.27256E+00	0.49455E+01
15	-0.72932E+00	-0.15093E+00	-0.63194E-01	-0.34434E+01	0.36265E+00	0.33869E+01
16	-0.88090E+00	-0.13018E+00	0.64366E-02	-0.35814E+01	0.42551E+00	0.36567E+01
17	-0.35377E+00	-0.11085E+01	-0.48333E+00	-0.66729E+01	-0.85972E-01	0.69782E+01
18	0.22557E-02	-0.12852E+01	-0.24696E+00	-0.62875E+01	-0.17944E+00	0.64981E+01
19	0.69396E+00	-0.13516E+01	0.43731E+00	-0.58302E+01	-0.26997E+00	0.59703E+01
20	-0.11714E+01	-0.79822E+00	-0.34165E+00	-0.51400E+01	0.43540E+00	0.49650E+01
21	-0.31175E-01	-0.11696E+01	-0.26325E-01	-0.53545E+01	-0.11078E+00	0.56088E+01
22	-0.12272E+01	-0.23435E+01	-0.88962E+00	-0.56238E+01	0.21429E+00	0.60702E+01
23	-0.13434E+01	-0.33921E+00	-0.14768E+00	-0.41677E+01	0.61181E+00	0.41415E+01
24	-0.26844E+01	-0.10708E+01	-0.86941E+00	-0.46981E+01	0.10154E+01	0.44318E+01
25	-0.14037E+01	-0.12977E+01	-0.41133E+00	-0.48049E+01	0.51825E+00	0.50763E+01
26	-0.47296E+01	-0.38414E+01	-0.26825E+01	-0.53557E+01	0.12148E+01	0.56544E+01
27	-0.29501E+00	-0.11220E+01	-0.46387E+00	-0.63941E+01	-0.15988E+00	0.68290E+01
28	0.19724E+00	-0.13818E+01	-0.20570E+00	-0.60439E+01	-0.41213E+00	0.64709E+01
29	0.14742E+01	-0.15351E+01	0.60764E+00	-0.54517E+01	-0.10624E+01	0.61678E+01
30	-0.21471E+00	-0.16472E+01	-0.16128E+00	-0.55210E+01	-0.46795E-01	0.60723E+01
31	0.12505E+00	-0.20650E+01	-0.28583E+00	-0.51506E+01	-0.68936E+00	0.63024E+01
32	-0.53090E+00	-0.21859E+01	-0.53828E+00	-0.49807E+01	-0.42566E+00	0.64183E+01
33	-0.33751E+01	-0.30540E+01	-0.18282E+01	-0.53980E+01	0.73680E+00	0.59472E+01
34	-0.77517E+01	-0.58991E+01	-0.46681E+01	-0.55748E+01	0.16564E+01	0.64543E+01
35	-0.22950E+01	-0.22559E+01	-0.10163E+01	-0.54950E+01	0.54324E+00	0.66692E+01
36	0.52016E+00	-0.73225E+00	0.63578E+00	-0.51356E+01	-0.48715E+00	0.66401E+01
37	-0.30558E+01	-0.33920E+01	-0.17801E+01	-0.57092E+01	0.58385E+00	0.68720E+01
38	-0.32480E-01	-0.71533E+00	-0.25136E+00	-0.61095E+01	-0.23528E+00	0.63740E+01
39	0.54742E+00	-0.87369E+00	-0.37927E-01	-0.58623E+01	-0.67558E+00	0.60353E+01
40	0.16389E+01	-0.14689E+01	0.46354E+00	-0.51366E+01	-0.19149E+01	0.60690E+01
41	0.20934E+01	-0.54466E+00	0.61811E+00	-0.54704E+01	-0.17557E+01	0.59011E+01
42	0.25497E+01	-0.73834E+00	0.44036E+00	-0.52662E+01	-0.21601E+01	0.52153E+01
43	0.70091E+00	-0.12785E+01	0.17446E+00	-0.50326E+01	-0.11007E+01	0.64333E+01
44	0.14389E+01	-0.70649E+00	0.53887E+00	-0.49038E+01	-0.17916E+01	0.55795E+01
45	0.22458E+01	-0.30138E+00	0.74478E+00	-0.51564E+01	-0.17226E+01	0.55390E+01
46	0.11956E+01	-0.11185E+01	-0.91128E-01	-0.49575E+01	-0.12563E+01	0.49388E+01
47	-0.88275E+00	-0.20478E+01	-0.41907E+00	-0.53893E+01	-0.35189E+00	0.69325E+01
48	-0.73802E+00	-0.20800E+01	-0.33200E+00	-0.57238E+01	-0.45277E+00	0.70089E+01
49	0.43228E+00	-0.17230E+01	0.79047E-01	-0.55737E+01	-0.14156E+01	0.74191E+01
50	0.51736E+01	0.34245E+00	0.25467E+01	-0.47324E+01	-0.37824E+01	0.51471E+01
51	0.98480E+00	0.42577E+00	0.14693E+01	-0.22759E+00	-0.49201E+00	0.13996E+01
52	0.34533E+01	0.16947E+01	0.28165E+01	0.19769E+01	-0.20793E+01	-0.62343E+01
53	0.21219E+01	-0.12962E+01	0.18347E+00	-0.42691E+01	-0.19258E+01	0.44953E+01
54	0.51396E+00	0.12042E+00	0.21340E+00	-0.56406E+01	-0.28996E+00	0.54727E+01

000328

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326

55	0.19204E+01	-0.25607E+00	0.14349E+00	-0.55431E+01	-0.76753E+00	0.52397E+01
56	0.26546E+01	-0.37295E+00	0.15139E+00	-0.49915E+01	-0.21191E+01	0.47322E+01
57	0.20448E+01	-0.43029E+00	0.19032E+00	-0.45589E+01	-0.15050E+01	0.43900E+01
58	0.22615E+01	-0.56805E+00	0.85153E-01	-0.39222E+01	-0.17514E+01	0.33848E+01
59	0.53486E-01	0.12421E+00	0.22008E-01	-0.54704E+01	0.18239E-01	0.49604E+01
60	0.12513E+01	0.10596E+01	0.76932E+00	-0.51271E+01	-0.52436E+00	0.39887E+01
61	0.97980E+00	0.24510E+00	0.47975E+00	-0.50782E+01	-0.43075E+00	0.39830E+01
62	0.73651E+00	0.12071E+01	0.63413E+00	-0.48956E+01	0.51192E-01	0.31193E+01
63	0.12427E+01	0.37956E+00	0.27192E+00	-0.50961E+01	-0.74845E+00	0.43155E+01
64	0.15227E+01	0.11681E+01	0.53353E+00	-0.45841E+01	-0.64274E+00	0.32671E+01
65	0.26273E+01	-0.52884E-01	-0.15635E+00	-0.47816E+01	-0.20129E+01	0.42565E+01
66	0.32841E+01	0.55601E+00	-0.14663E+00	-0.42655E+01	-0.22146E+01	0.33495E+01
67	0.26027E+01	0.13277E+01	-0.29209E+00	-0.35865E+01	-0.17403E+01	0.22905E+01
68	0.24882E+01	-0.22020E-01	0.17771E+00	-0.42237E+01	-0.15842E+01	0.38331E+01
69	0.22239E+01	0.41436E+00	0.11556E+00	-0.39349E+01	-0.12681E+01	0.31181E+01
70	0.32683E+01	0.10905E+01	0.57475E+00	-0.33972E+01	-0.15566E+01	0.21692E+01
71	0.27533E+01	0.54004E-01	0.11169E+00	-0.36515E+01	-0.16881E+01	0.31250E+01
72	0.30139E+01	0.47609E+00	0.87533E-01	-0.33135E+01	-0.16044E+01	0.23797E+01
73	0.67264E+00	0.71873E+00	0.30057E+00	-0.42325E+01	-0.16043E+00	0.14433E+01
74	0.10707E+01	0.67323E+00	-0.37269E-01	-0.38403E+01	-0.45459E+00	0.13268E+01
75	0.21366E+01	0.64240E+00	-0.10528E+01	-0.32307E+01	-0.12530E+01	0.11449E+01
76	0.25393E+01	0.53564E+00	-0.83455E-01	-0.37243E+01	-0.10904E+01	0.21639E+01
77	0.18925E+01	0.98571E+00	-0.19602E+00	-0.23752E+01	-0.76115E+00	0.57616E+00
78	0.13698E+01	0.55215E+00	-0.48937E+00	-0.19110E+01	-0.76337E+00	0.36305E+00
79	0.31511E+01	0.74958E+00	0.57667E-01	-0.26529E+01	-0.12040E+01	0.12146E+01
80	0.33705E+01	0.92443E+00	0.14967E+00	-0.18218E+01	-0.81467E+00	0.31796E+00
81	0.17443E+01	0.41326E+00	-0.66435E+00	-0.97667E+00	-0.73866E+00	0.11197E+00
82	0.19762E+01	0.57499E+00	-0.53377E+00	-0.86298E+00	-0.68935E+00	0.22028E+00
83	0.29770E+01	0.39915E+00	-0.30878E+00	-0.16588E+01	-0.78219E+00	0.47699E+00
84	0.38408E+01	0.91522E+00	0.20761E+00	-0.17938E+01	-0.13159E+01	0.47155E+00
85	0.42851E+01	0.42104E+00	0.18943E+00	-0.26667E+01	-0.16225E+01	0.15365E+01
86	0.43016E+01	0.55430E+00	0.97573E-01	-0.22286E+01	-0.15683E+01	0.10889E+01
87	0.32033E+01	0.55595E+00	-0.96662E-02	-0.26482E+01	-0.16304E+01	0.15870E+01
88	0.32017E+01	0.39497E-01	0.28667E-01	-0.28651E+01	-0.19597E+01	0.24739E+01
89	0.33903E+01	0.65256E-01	0.33004E-01	-0.24918E+01	-0.20765E+01	0.22554E+01
90	0.33464E+01	0.33151E+00	-0.42134E-02	-0.18113E+01	-0.21687E+01	0.11422E+01
91	0.39916E+01	0.56453E+00	0.27541E+00	-0.17054E+01	-0.22931E+01	0.16143E+01
92	0.40186E+01	0.66103E+00	0.22562E+00	-0.13178E+01	-0.22549E+01	0.11057E+01
93	0.25310E+01	-0.17135E+01	0.16816E+00	-0.30453E+01	-0.22061E+01	0.36749E+01
94	0.28131E+01	-0.34857E+00	0.59497E+00	-0.30693E+01	-0.19991E+01	0.35000E+01
95	0.20220E+01	0.49331E+00	0.68097E+00	-0.21797E+01	-0.18846E+01	0.26465E+01
96	0.24544E+01	-0.32352E+00	0.12623E+00	-0.31261E+01	-0.18552E+01	0.30125E+01
97	0.18087E+01	0.22487E+00	0.41623E+00	-0.25093E+01	-0.18588E+01	0.23001E+01
98	0.21117E+01	0.84142E-01	0.10143E+00	-0.21685E+01	-0.17294E+01	0.22285E+01
99	0.22912E+01	-0.49558E+00	-0.27000E+00	-0.25323E+01	-0.17323E+01	0.23399E+01
100	0.17956E+01	-0.32523E+00	-0.29788E+00	-0.18636E+01	-0.16804E+01	0.17051E+01
101	0.21437E+01	0.16114E+00	0.50580E-01	-0.14025E+01	-0.16761E+01	0.13097E+01
102	0.14746E+01	-0.42243E+00	-0.85171E+00	-0.15167E+01	-0.15592E+01	0.12702E+01
103	0.10492E+01	0.19509E+00	-0.49929E+00	-0.45479E+00	-0.14328E+01	0.64880E+00
104	0.11545E+01	0.38642E+00	-0.42733E+00	-0.11526E+00	-0.14162E+01	0.43295E+00
105	0.28124E+01	-0.61047E+00	0.90690E+00	-0.26934E+01	-0.26604E+01	0.34002E+01
106	0.45675E+01	0.24687E+01	0.34480E+01	-0.10835E+00	-0.28559E+01	0.16325E+01
107	0.34140E+01	0.13854E+01	0.24249E+01	-0.13673E+01	-0.27386E+01	0.24174E+01
108	0.28524E+01	0.12112E+01	0.20903E+01	-0.14158E+01	-0.26218E+01	0.24380E+01
109	0.27904E+01	0.13139E+01	0.22470E+01	-0.52979E+00	-0.26164E+01	0.16390E+01
110	0.47154E+00	-0.72309E+00	0.32661E+00	-0.21328E+01	-0.23948E+01	0.25515E+01
111	0.19662E-01	-0.29936E+00	0.49697E+00	-0.15176E+01	-0.22147E+01	0.14125E+01
112	-0.25158E-01	-0.33358E+00	0.41859E+00	-0.23875E+01	-0.21980E+01	0.14002E+01
113	-0.38866E+00	-0.12022E+01	-0.64727E+00	-0.25855E+01	-0.18461E+01	0.26983E+01
114	-0.67361E+00	-0.73077E+00	-0.79601E-01	-0.21651E+01	-0.17260E+01	0.13716E+01

000329

115	-0.77990E+00	-0.78201E+00	-0.29408E+00	-0.37764E+01	-0.16719E+01	0.13322E+01
116	-0.47007E+00	-0.11215E+01	-0.67081E+00	-0.29524E+01	-0.12827E+01	0.23564E+01
117	0.49244E+00	-0.22291E-01	0.22364E+00	-0.32061E+01	-0.10273E+01	0.12516E+01
118	0.36457E+00	-0.71793E-01	-0.21541E-01	-0.27835E+01	-0.96368E+00	0.11590E+01
119	0.67038E-01	-0.96212E+00	-0.69570E+00	-0.23594E+01	-0.73600E+00	0.17774E+01
120	0.75820E+00	0.15390E+00	0.12509E-01	-0.23516E+01	-0.54070E+00	0.10378E+01
121	0.68301E+00	0.13170E+00	-0.14836E+00	-0.20027E+01	-0.49786E+00	0.91265E+00
122	-0.23056E+00	-0.12794E+01	-0.11765E+01	-0.19706E+01	-0.34216E+00	0.13921E+01
123	0.72935E-01	-0.24027E+00	-0.69627E+00	-0.16008E+01	-0.16160E+00	0.76229E+00
124	0.39970E-01	-0.24093E+00	-0.77802E+00	-0.12168E+01	-0.13720E+00	0.61455E+00
125	0.18777E+00	-0.24942E+00	-0.74910E+00	-0.10244E+01	-0.10375E+00	0.70648E+00
126	-0.13957E+00	-0.33895E+00	-0.96642E+00	-0.74349E+00	-0.13715E-01	0.42160E+00
127	-0.13762E+00	-0.32272E+00	-0.97768E+00	-0.38031E+00	-0.71113E-02	0.31134E+00
128	-0.71936E+00	-0.72003E+00	-0.13813E+01	-0.54003E+00	0.58558E-01	0.37539E+00
129	-0.15839E+01	-0.12085E+01	-0.19525E+01	-0.21773E+00	0.18380E+00	0.12807E+00
183	0.33223E+01	-0.10301E+01	0.96690E+00	-0.44531E+01	-0.28188E+01	0.51284E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.75309E+00	0.50206E+01	-0.42675E+01	-0.73419E+02	0.26572E+02	0.33430E+02
131	0.12345E+00	0.82297E+00	-0.69953E+00	-0.16691E+03	0.43721E+02	0.10275E+03
132	0.28323E+00	0.18882E+01	-0.16050E+01	-0.28159E+03	0.70347E+02	0.17591E+03
133	0.14531E+00	0.96873E+00	-0.82342E+00	-0.41163E+03	0.97309E+02	0.25764E+03
134	0.29007E+00	0.19338E+01	-0.16437E+01	-0.55990E+03	0.12564E+03	0.35522E+03
135	0.52537E+00	0.35024E+01	-0.29771E+01	-0.67417E+03	0.14845E+03	0.44298E+03
136	0.25382E+00	0.16922E+01	-0.14383E+01	-0.76696E+03	0.15804E+03	0.50425E+03
137	0.22993E+00	0.15329E+01	-0.13029E+01	-0.74674E+03	0.17978E+03	0.53120E+03
138	0.72472E+00	0.48315E+01	-0.33341E+01	-0.77139E+03	0.34333E+03	0.57435E+03
139	-0.95714E+00	-0.63809E+01	0.32032E+01	-0.74143E+03	0.67374E+03	0.60690E+03
140	-0.37937E+01	-0.25291E+02	0.21498E+02	-0.95717E+03	0.81515E+03	0.68976E+03
141	-0.36250E+01	-0.24167E+02	0.20542E+02	-0.95629E+03	0.82840E+03	0.73598E+03
142	-0.41588E+01	-0.27725E+02	0.23567E+02	-0.10084E+04	0.83003E+03	0.78342E+03
143	-0.42691E+01	-0.28461E+02	0.24192E+02	0.40425E+03	0.10398E+04	-0.65069E+03
144	-0.43522E+01	-0.32348E+02	0.27496E+02	0.39297E+03	0.10193E+04	-0.61170E+03
145	0.19879E+01	0.12536E+02	-0.56002E+01	-0.37152E+03	0.73519E+03	-0.14782E+04
146	0.77511E+00	0.51674E+01	-0.56870E+01	-0.39008E+03	0.53958E+03	-0.12846E+04
147	0.79145E+00	0.52763E+01	-0.55891E+01	-0.36700E+03	0.55565E+03	-0.12659E+04
148	0.80992E+00	0.53995E+01	0.23854E+01	-0.36052E+03	0.57088E+03	-0.12695E+04
149	0.83102E+00	0.55401E+01	0.22923E+01	-0.35964E+03	0.58729E+03	-0.12934E+04
150	0.94682E+00	0.63121E+01	0.13980E+01	-0.27485E+03	0.63985E+03	-0.12580E+04
151	0.11302E+01	0.75347E+01	0.29255E+02	-0.26608E+03	0.71978E+03	-0.12887E+04
152	0.10481E+01	0.69875E+01	0.52155E+02	-0.26310E+03	0.66506E+03	-0.12793E+04
153	0.92592E+00	0.61728E+01	0.46253E+02	-0.22922E+03	0.58799E+03	-0.12516E+04
154	0.65957E+00	0.43971E+01	0.88794E+02	-0.19843E+03	0.41358E+03	-0.12179E+04
155	0.28000E+00	0.18667E+01	0.73097E+02	-0.20152E+03	0.15798E+03	-0.11408E+04
156	-0.33407E-01	-0.22272E+00	0.62872E+02	-0.16147E+03	-0.46676E+02	-0.10590E+04
157	-0.29158E+00	-0.19439E+01	0.50229E+02	-0.14310E+03	-0.21746E+03	-0.94393E+03
158	-0.50252E+00	-0.33501E+01	0.42200E+02	-0.11395E+03	-0.35487E+03	-0.83203E+03
159	-0.66858E+00	-0.44572E+01	0.29989E+02	-0.62111E+02	-0.45872E+03	-0.68982E+03
160	-0.78871E+00	-0.52530E+01	0.21126E+02	-0.40299E+02	-0.53619E+03	-0.55670E+03
161	-0.95755E+00	-0.63839E+01	0.10960E+02	-0.11600E+02	-0.60454E+03	-0.39512E+03
162	-0.10117E+01	-0.67446E+01	0.15539E+01	0.42496E+00	-0.59762E+03	-0.27916E+03
163	-0.11843E+01	-0.78956E+01	-0.40255E+00	0.30699E+02	-0.69507E+03	-0.19791E+03
164	-0.12064E+01	-0.80428E+01	-0.22394E+01	0.68299E+02	-0.70248E+03	-0.13373E+03

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165	-0.69721E+03	-0.11123E+03	0.44371E+01	-0.37036E+02	-0.72510E+03	-0.10257E+03
166	-0.57324E+03	-0.84447E+02	-0.37580E+01	-0.27861E+02	-0.67620E+03	-0.93438E+02
167	-0.46058E+03	-0.62702E+02	-0.75368E+01	-0.22487E+02	-0.57999E+03	-0.85893E+02
168	-0.35737E+03	-0.45754E+02	-0.87071E+01	-0.17079E+02	-0.48065E+03	-0.79519E+02
169	-0.23442E+03	-0.24441E+02	-0.11218E+02	-0.12087E+02	-0.41503E+03	-0.72390E+02
170	-0.11145E+03	-0.15897E+01	-0.15410E+02	-0.64026E+01	-0.37490E+03	-0.64200E+02
171	0.16041E+02	0.20653E+02	-0.18021E+02	0.12774E+01	-0.29973E+03	-0.52660E+02
172	0.93171E+02	0.31275E+02	-0.16722E+02	0.92123E+01	-0.19863E+03	-0.40143E+02
173	0.98152E+02	0.25903E+02	-0.10604E+02	0.13776E+02	-0.10732E+03	-0.31390E+02
174	0.61935E+02	0.13075E+02	-0.35058E+01	0.14982E+02	-0.40148E+02	-0.25416E+02
175	0.15476E+02	0.13970E+01	0.83504E+00	0.11858E+02	-0.19401E+02	-0.22932E+02
176	-0.22354E+01	-0.17692E+01	0.12708E+01	0.85765E+01	-0.25659E+02	-0.21568E+02
177	-0.45652E+01	-0.14030E+01	0.61922E+00	0.59037E+01	-0.29958E+02	-0.17862E+02
178	-0.16709E+01	-0.24658E+00	-0.17564E-01	0.40440E+01	-0.23054E+02	-0.12957E+02
179	0.43293E+00	0.16974E+00	-0.10148E+00	0.32748E+01	-0.16391E+02	-0.91386E+01
180	0.16933E-01	0.61579E-01	-0.56045E-01	0.24031E+01	-0.95953E+01	-0.55176E+01
181	0.13277E+00	0.13738E+00	-0.11933E+00	0.17668E+01	-0.43803E+01	-0.19440E+01
182	-0.59086E+00	-0.27442E+00	0.16155E+00	0.56302E+00	0.98905E+00	0.38299E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.65296E-01	-0.10437E-03	-0.66010E-01	0.00000E+00
3	0.12235E+00	0.10293E-03	-0.12222E+00	0.00000E+00
4	0.13674E+00	0.12440E-03	-0.13616E+00	0.00000E+00
5	0.15646E+00	-0.64645E-04	-0.15640E+00	0.00000E+00
6	0.16987E+00	0.19953E-04	-0.16988E+00	0.00000E+00
7	0.15660E+00	0.18299E-02	-0.15682E+00	0.00000E+00
8	0.17032E+00	0.16844E-02	-0.17053E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.64621E-01	0.10364E-02	-0.64607E-01	0.00000E+00
11	0.12113E+00	0.23322E-02	-0.12144E+00	0.00000E+00
12	0.13531E+00	0.28782E-02	-0.13638E+00	0.00000E+00
13	0.15685E+00	0.30202E-02	-0.15747E+00	0.00000E+00
14	0.17132E+00	0.29264E-02	-0.17228E+00	0.00000E+00
15	0.15785E+00	0.53213E-02	-0.15997E+00	0.00000E+00
16	0.17302E+00	0.48601E-02	-0.17528E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.63017E-01	0.21627E-02	-0.64777E-01	0.00000E+00
19	0.12002E+00	0.51749E-02	-0.12287E+00	0.00000E+00
20	0.13575E+00	0.64814E-02	-0.13882E+00	0.00000E+00
21	0.15836E+00	0.68203E-02	-0.16233E+00	0.00000E+00
22	0.17550E+00	0.65414E-02	-0.17964E+00	0.00000E+00
23	0.16037E+00	0.99461E-02	-0.16588E+00	0.00000E+00
24	0.17886E+00	0.93279E-02	-0.18561E+00	0.00000E+00
25	0.18038E+00	0.11764E-01	-0.18931E+00	0.00000E+00
26	0.18209E+00	0.12611E-01	-0.19151E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.60138E-01	0.26835E-02	-0.63356E-01	0.00000E+00
29	0.11669E+00	0.70566E-02	-0.12192E+00	0.00000E+00
30	0.13390E+00	0.94921E-02	-0.13950E+00	0.00000E+00
31	0.16030E+00	0.12034E-01	-0.16839E+00	0.00000E+00
32	0.18328E+00	0.13427E-01	-0.19384E+00	0.00000E+00
33	0.15998E+00	0.12523E-01	-0.16877E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.59086E-01	0.23955E-02	-0.62312E-01	0.00000E+00
36	0.11518E+00	0.64665E-02	-0.12029E+00	0.00000E+00
37	0.13254E+00	0.87519E-02	-0.13766E+00	0.00000E+00
38	0.15965E+00	0.11749E-01	-0.16841E+00	0.00000E+00
39	0.18488E+00	0.13997E-01	-0.19753E+00	0.00000E+00
40	0.18456E+00	0.13961E-01	-0.19673E+00	0.00000E+00
41	0.18425E+00	0.13924E-01	-0.19598E+00	0.00000E+00
42	0.18390E+00	0.13851E-01	-0.19506E+00	0.00000E+00
43	0.12987E+00	0.64929E-02	-0.13129E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.55461E-01	0.12519E-02	-0.55867E-01	0.00000E+00
46	0.10949E+00	0.36226E-02	-0.10786E+00	0.00000E+00
47	0.18497E+00	0.13997E-01	-0.19774E+00	0.00000E+00
48	0.18499E+00	0.13999E-01	-0.19779E+00	0.00000E+00
49	0.15947E+00	0.11441E-01	-0.16800E+00	0.00000E+00
50	0.18511E+00	0.14098E-01	-0.19830E+00	0.00000E+00
51	0.15647E+00	0.90109E-02	-0.15836E+00	0.00000E+00
52	0.18046E+00	0.13722E-01	-0.18262E+00	0.00000E+00
53	0.18489E+00	0.13946E-01	-0.19761E+00	0.00000E+00
54	0.12625E+00	0.53414E-02	-0.12321E+00	0.00000E+00
55	0.15198E+00	0.79278E-02	-0.14765E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.51947E-01	-0.55015E-03	-0.47305E-01	0.00000E+00
58	0.10302E+00	0.12098E-02	-0.92631E-01	0.00000E+00
59	0.17343E+00	0.10958E-01	-0.16771E+00	0.00000E+00
60	0.17847E+00	0.12992E-01	-0.17797E+00	0.00000E+00
61	0.18514E+00	0.14162E-01	-0.19862E+00	0.00000E+00
62	0.11333E+00	0.19039E-02	-0.10581E+00	0.00000E+00
63	0.14206E+00	0.35343E-02	-0.12553E+00	0.00000E+00
64	0.18159E+00	0.13904E-01	-0.18397E+00	0.00000E+00
65	0.18517E+00	0.14223E-01	-0.19893E+00	0.00000E+00
66	0.18544E+00	0.14345E-01	-0.19956E+00	0.00000E+00
67	0.18571E+00	0.14466E-01	-0.20020E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.49569E-01	-0.91049E-03	-0.39070E-01	0.00000E+00
70	0.96257E-01	-0.16250E-02	-0.76019E-01	0.00000E+00
71	0.16335E+00	0.54171E-02	-0.14360E+00	0.00000E+00
72	0.18186E+00	0.13945E-01	-0.18139E+00	0.00000E+00
73	0.13237E+00	-0.67200E-03	-0.10326E+00	0.00000E+00
74	0.18777E+00	0.14805E-01	-0.18693E+00	0.00000E+00
75	0.18594E+00	0.14564E-01	-0.20079E+00	0.00000E+00
76	0.18738E+00	0.14739E-01	-0.20184E+00	0.00000E+00
77	0.15139E+00	0.73685E-03	-0.11699E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.47575E-01	-0.20332E-02	-0.31838E-01	0.00000E+00
80	0.90475E-01	-0.37857E-02	-0.59772E-01	0.00000E+00
81	0.10272E+00	-0.45939E-02	-0.67637E-01	0.00000E+00
82	0.12172E+00	-0.40136E-02	-0.79656E-01	0.00000E+00
83	0.18280E+00	0.79963E-02	-0.16014E+00	0.00000E+00
84	0.16007E+00	-0.68815E-03	-0.10935E+00	0.00000E+00
85	0.19044E+00	0.14966E-01	-0.20321E+00	0.00000E+00
86	0.19439E+00	0.15311E-01	-0.19317E+00	0.00000E+00
87	0.13922E+00	-0.32148E-02	-0.91073E-01	0.00000E+00
88	0.19025E+00	0.12008E-01	-0.17750E+00	0.00000E+00
89	0.19318E+00	0.15164E-01	-0.20453E+00	0.00000E+00
90	0.10217E+00	-0.29229E-02	-0.42700E-01	0.00000E+00
91	0.11148E+00	-0.21626E-02	-0.45275E-01	0.00000E+00
92	0.11782E+00	-0.13131E-02	-0.47474E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.37036E-01	0.00000E+00	-0.36906E-02	0.00000E+00
95	0.68777E-01	0.00000E+00	-0.77619E-02	0.00000E+00
96	0.76478E-01	0.00000E+00	-0.83734E-02	0.00000E+00
97	0.86320E-01	0.00000E+00	-0.11684E-01	0.00000E+00
98	0.90328E-01	0.00000E+00	-0.13045E-01	0.00000E+00
99	0.99557E-01	-0.15717E-02	-0.29364E-01	0.00000E+00
100	0.12759E+00	-0.11077E-02	-0.58341E-01	0.00000E+00
101	0.17738E+00	0.23957E-02	-0.11807E+00	0.00000E+00
102	0.20041E+00	0.15407E-01	-0.20642E+00	0.00000E+00
103	0.19420E+00	0.96467E-02	-0.16886E+00	0.00000E+00
104	0.20543E+00	0.16189E-01	-0.20107E+00	0.00000E+00
105	0.20640E+00	0.15619E-01	-0.20813E+00	0.00000E+00
106	0.20248E+00	0.11123E-01	-0.17481E+00	0.00000E+00
107	0.21398E+00	0.17125E-01	-0.20657E+00	0.00000E+00
108	0.21155E+00	0.15765E-01	-0.20965E+00	0.00000E+00
109	0.21568E+00	0.15870E-01	-0.21092E+00	0.00000E+00
110	0.21412E+00	0.13428E-01	-0.18139E+00	0.00000E+00
111	0.22051E+00	0.18969E-01	-0.21050E+00	0.00000E+00
112	0.21913E+00	0.15929E-01	-0.21193E+00	0.00000E+00
113	0.21806E+00	0.14149E-01	-0.18881E+00	0.00000E+00
114	0.22158E+00	0.15925E-01	-0.21263E+00	0.00000E+00
115	0.22330E+00	0.15891E-01	-0.21305E+00	0.00000E+00
116	0.22408E+00	0.15821E-01	-0.21309E+00	0.00000E+00

117	0.22320E+00	0.13090E-01	-0.21169E+00	0.00000E+00
118	0.22411E+00	0.15779E-01	-0.21300E+00	0.00000E+00
119	0.22400E+00	0.15687E-01	-0.21266E+00	0.00000E+00
120	0.22487E+00	0.17905E-01	-0.21210E+00	0.00000E+00
121	0.22373E+00	0.15544E-01	-0.21214E+00	0.00000E+00
122	0.22371E+00	0.15413E-01	-0.21232E+00	0.32658E-04
123	0.22361E+00	0.15126E-01	-0.21243E+00	0.60055E-04
124	0.22343E+00	0.14654E-01	-0.21255E+00	0.93958E-04
125	0.22311E+00	0.13942E-01	-0.21266E+00	0.13856E-03
126	0.22228E+00	0.12186E-01	-0.21284E+00	0.20380E-03
127	0.22122E+00	0.99540E-02	-0.21300E+00	0.23514E-03
128	0.21887E+00	0.47068E-02	-0.21335E+00	0.22683E-03
129	0.21700E+00	0.25539E-03	-0.21365E+00	0.17284E-03
130	0.21567E+00	-0.32053E-02	-0.21399E+00	0.94755E-04
131	0.21513E+00	-0.49060E-02	-0.21450E+00	-0.49237E-05
132	0.21557E+00	-0.36048E-02	-0.21498E+00	-0.42591E-04
133	0.21609E+00	-0.17759E-02	-0.21541E+00	-0.34905E-04
134	0.21634E+00	-0.76328E-03	-0.21578E+00	-0.13675E-04
135	0.21640E+00	-0.56573E-03	-0.21608E+00	-0.19841E-05
136	0.21644E+00	-0.46177E-03	-0.21629E+00	-0.50046E-05
137	0.21647E+00	-0.27368E-03	-0.21643E+00	-0.54024E-05
138	0.21650E+00	-0.48064E-04	-0.21650E+00	-0.69875E-05
139	0.21650E+00	-0.54995E-05	-0.21650E+00	-0.55601E-05

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000334

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.40000E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.33661E-01	0.13167E+00	-0.35693E-01	0.79830E+01	0.80300E-01	-0.90177E+01
2	-0.19963E+00	0.12378E+00	-0.12140E+00	0.70691E+01	0.11669E+00	-0.70367E+01
3	-0.43639E+00	0.99365E-01	-0.13402E+00	0.57093E+01	0.55627E-01	-0.57119E+01
4	0.23303E+00	0.15022E+00	0.37923E+00	0.46139E+01	-0.15104E+00	-0.47246E+01
5	-0.27061E+00	0.38992E-01	-0.13026E+00	0.46513E+01	-0.63893E-02	-0.47435E+01
6	0.19440E+00	0.16391E+00	-0.66647E-04	0.47732E+01	-0.65500E-01	-0.48480E+01
7	0.14245E+00	0.17054E-01	-0.32469E-01	0.33642E+01	-0.83458E-01	-0.33568E+01
8	0.33366E+00	0.51995E-01	-0.15849E-01	0.33739E+01	-0.15640E+00	-0.34303E+01
9	0.32544E+00	0.33299E+00	0.40351E+00	0.78431E+01	0.15745E-01	-0.79475E+01
10	0.19070E+00	0.91455E+00	0.26326E+00	0.70837E+01	0.12280E-02	-0.71594E+01
11	-0.64164E-01	0.74459E+00	-0.23060E+00	0.60682E+01	-0.12266E+00	-0.60943E+01
12	0.36089E+00	0.56261E+00	0.33021E+00	0.49737E+01	-0.36574E+00	-0.48583E+01
13	0.61290E-01	0.35009E+00	-0.15908E+00	0.51059E+01	-0.10459E+00	-0.51406E+01
14	0.32258E+00	0.60385E+00	0.17262E+00	0.52773E+01	-0.28428E+00	-0.53993E+01
15	0.77925E+00	0.16863E+00	0.77819E-01	0.37044E+01	-0.38816E+00	-0.36668E+01
16	0.93981E+00	0.14365E+00	0.19696E-03	0.38516E+01	-0.45233E+00	-0.39588E+01
17	0.33239E+00	0.11916E+01	0.52340E+00	0.75458E+01	0.91445E-01	-0.78673E+01
18	0.45373E-02	0.13743E+01	0.27326E+00	0.70300E+01	0.18881E+00	-0.72590E+01
19	-0.71997E+00	0.14329E+01	-0.44939E+00	0.64084E+01	0.27589E+00	-0.65774E+01
20	0.12603E+01	0.86185E+00	0.38022E+00	0.55710E+01	-0.47367E+00	-0.54165E+01
21	0.44767E-01	0.12328E+01	0.34083E-01	0.57999E+01	0.11022E+00	-0.61022E+01
22	0.13154E+01	0.24421E+01	0.93392E+00	0.60868E+01	-0.23770E+00	-0.65936E+01
23	0.14394E+01	0.35855E+00	0.16083E+00	0.44698E+01	-0.66032E+00	-0.44782E+01
24	0.28647E+01	0.11265E+01	0.92162E+00	0.50234E+01	-0.10932E+01	-0.47838E+01
25	0.14990E+01	0.13734E+01	0.42181E+00	0.51408E+01	-0.56135E+00	-0.54718E+01
26	0.49877E+01	0.39565E+01	0.27935E+01	0.57093E+01	-0.13084E+01	-0.60892E+01
27	0.33177E+00	0.12041E+01	0.50579E+00	0.72515E+01	0.16361E+00	-0.77103E+01
28	-0.18008E+00	0.14654E+01	0.23133E+00	0.67738E+01	0.42060E+00	-0.72338E+01
29	-0.14901E+01	0.16170E+01	-0.62081E+00	0.60196E+01	0.10831E+01	-0.67893E+01
30	0.28217E+00	0.17305E+01	0.18807E+00	0.59347E+01	0.17104E-01	-0.65943E+01
31	-0.90620E-01	0.21613E+01	0.31081E+00	0.55956E+01	0.70503E+00	-0.68414E+01
32	0.60610E+00	0.22919E+01	0.57738E+00	0.54179E+01	0.41848E+00	-0.69661E+01
33	0.36082E+01	0.31735E+01	0.19277E+01	0.57304E+01	-0.31171E+00	-0.63996E+01
34	0.32425E+01	0.62160E+01	0.49365E+01	0.59769E+01	-0.17316E+01	-0.69359E+01
35	0.23870E+01	0.23064E+01	0.10182E+01	0.58851E+01	-0.58524E+00	-0.69305E+01
36	-0.50167E+00	0.76376E+00	-0.66390E+00	0.55007E+01	0.48524E+00	-0.71291E+01
37	0.32103E+01	0.35369E+01	0.18438E+01	0.61172E+01	-0.62849E+00	-0.73702E+01
38	0.57969E-01	0.75780E+00	0.27624E+00	0.69600E+01	0.24367E+00	-0.72400E+01
39	-0.52328E+00	0.91662E+00	0.59240E-01	0.65898E+01	0.69623E+00	-0.67881E+01
40	-0.16112E+01	0.15590E+01	-0.45461E+00	0.57319E+01	0.19529E+01	-0.66827E+01
41	-0.20898E+01	0.56656E+00	-0.62438E+00	0.60319E+01	0.18060E+01	-0.65302E+01
42	-0.25457E+01	0.74310E+00	-0.43936E+00	0.56237E+01	0.22255E+01	-0.58139E+01
43	-0.66531E+00	0.13622E+01	-0.15359E+00	0.54683E+01	0.11263E+01	-0.69781E+01
44	-0.14721E+01	0.70930E+00	-0.57357E+00	0.53224E+01	0.18476E+01	-0.60835E+01
45	-0.22499E+01	0.32879E+00	-0.74706E+00	0.55348E+01	0.17667E+01	-0.60388E+01
46	-0.11851E+01	0.11343E+01	0.98017E-01	0.53845E+01	0.12959E+01	-0.54347E+01
47	0.94009E+00	0.21354E+01	0.42477E+00	0.57760E+01	0.33121E+00	-0.74339E+01
48	-0.74129E+00	0.21399E+01	0.30105E+00	0.61323E+01	0.47455E+00	-0.75129E+01
49	-0.38657E+00	0.18589E+01	-0.54262E-01	0.59543E+01	0.14644E+01	-0.79342E+01
50	-0.54109E+01	-0.38432E+00	-0.26953E+01	0.50452E+01	0.39388E+01	-0.55520E+01
51	-0.10323E+01	-0.43541E+00	-0.15575E+01	0.24213E+00	0.51707E+00	-0.14895E+01
52	-0.38739E+01	-0.24163E+01	-0.32492E+01	-0.20351E+01	0.21589E+01	0.64161E+01
53	-0.21220E+01	0.13396E+01	-0.17418E+00	0.45595E+01	0.19789E+01	-0.48730E+01
54	-0.43963E+00	-0.12299E+00	-0.19926E+00	0.65047E+01	0.29756E+00	-0.63084E+01

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55	-0.93270E+00	0.23131E+00	-0.12490E+00	0.62751E+01	0.80956E+00	-0.59694E+01
56	-0.25766E+01	0.34560E+00	-0.10534E+00	0.55438E+01	0.21761E+01	-0.53230E+01
57	-0.20022E+01	0.41284E+00	-0.16348E+00	0.49666E+01	0.15438E+01	-0.48695E+01
58	-0.22195E+01	0.57637E+00	-0.64881E-01	0.41969E+01	0.17917E+01	-0.42581E+01
59	-0.94748E-01	-0.13279E+00	-0.54085E-01	0.63490E+01	-0.20332E-01	-0.57802E+01
60	-0.12407E+01	-0.11146E+01	-0.76689E+00	0.60181E+01	0.54136E+00	-0.47699E+01
61	-0.93281E+00	-0.86286E+00	-0.44535E+00	0.59762E+01	0.43288E+00	-0.47643E+01
62	-0.77144E+00	-0.12635E+01	-0.66015E+00	0.58147E+01	-0.55644E-01	-0.38841E+01
63	-0.12101E+01	-0.43767E+00	-0.25003E+00	0.38518E+01	0.76501E+00	-0.50225E+01
64	-0.14811E+01	-0.12102E+01	-0.48904E+00	0.53562E+01	0.65109E+00	-0.39424E+01
65	-0.24933E+01	-0.15715E-01	0.24063E+00	0.53834E+01	0.20538E+01	-0.48441E+01
66	-0.31775E+01	-0.60972E+00	0.25529E+00	0.48372E+01	0.22639E+01	-0.38909E+01
67	-0.25147E+01	-0.14038E+01	0.40705E+00	0.41745E+01	0.17743E+01	-0.28133E+01
68	-0.24190E+01	-0.30075E-01	-0.12899E+00	0.46722E+01	0.16260E+01	-0.42984E+01
69	-0.21762E+01	-0.43857E+00	-0.65971E-01	0.43972E+01	0.12969E+01	-0.35687E+01
70	-0.32583E+01	-0.11610E+01	-0.52440E+00	0.38269E+01	0.16021E+01	-0.25652E+01
71	-0.27012E+01	-0.11042E+00	-0.71011E-01	0.39798E+01	0.17416E+01	-0.34783E+01
72	-0.30013E+01	-0.54542E+00	-0.36374E-01	0.36401E+01	0.16525E+01	-0.27009E+01
73	-0.68422E+00	-0.74044E+00	-0.29710E+00	0.51924E+01	0.16060E+00	-0.21671E+01
74	-0.10816E+01	-0.70569E+00	0.67032E-01	0.46117E+01	0.45550E+00	-0.19443E+01
75	-0.21424E+01	-0.68074E+00	0.11574E+01	0.38111E+01	0.12599E+01	-0.16126E+01
76	-0.25856E+01	-0.63961E+00	0.10647E+00	0.41637E+01	0.11026E+01	-0.25619E+01
77	-0.19281E+01	-0.10619E+01	0.22258E+00	0.28230E+01	0.76658E+00	-0.93960E+00
78	-0.19182E+01	-0.54440E+00	0.55715E+00	0.22592E+01	0.79326E+00	-0.60102E+00
79	-0.32034E+01	-0.81628E+00	-0.19619E-01	0.29510E+01	0.12258E+01	-0.14834E+01
80	-0.35987E+01	-0.10607E+01	-0.20621E+00	0.20724E+01	0.88125E+00	-0.53768E+00
81	-0.18270E+01	-0.46050E+00	0.70115E+00	0.11676E+01	0.76684E+00	-0.24277E+00
82	-0.21543E+01	-0.65070E+00	0.52752E+00	0.99635E+00	0.74013E+00	-0.29065E+00
83	-0.31822E+01	-0.50174E+00	0.27604E+00	0.18162E+01	0.84837E+00	-0.59564E+00
84	-0.39256E+01	-0.95625E+00	-0.16969E+00	0.19800E+01	0.13540E+01	-0.61928E+00
85	-0.43865E+01	-0.51643E+00	-0.18520E+00	0.28544E+01	0.16681E+01	-0.17278E+01
86	-0.43813E+01	-0.61329E+00	-0.75234E-01	0.23246E+01	0.16158E+01	-0.11840E+01
87	-0.31701E+01	-0.61448E+00	0.71840E-01	0.28433E+01	0.16800E+01	-0.17758E+01
88	-0.31694E+01	-0.77377E-01	0.10307E-01	0.30679E+01	0.20363E+01	-0.27116E+01
89	-0.33810E+01	-0.10816E+00	-0.18460E-01	0.26326E+01	0.21664E+01	-0.24445E+01
90	-0.33649E+01	-0.36350E+00	0.32892E-01	0.18833E+01	0.22702E+01	-0.12334E+01
91	-0.40397E+01	-0.60950E+00	-0.29280E+00	0.17868E+01	0.24095E+01	-0.17273E+01
92	-0.40531E+01	-0.70314E+00	-0.23260E+00	0.13703E+01	0.23727E+01	-0.11685E+01
93	-0.25243E+01	0.18234E+01	-0.14478E+00	0.32087E+01	0.22706E+01	-0.39765E+01
94	-0.28041E+01	0.34801E+00	-0.60513E+00	0.32387E+01	0.20489E+01	-0.37874E+01
95	-0.19592E+01	-0.48063E+00	-0.68279E+00	0.22649E+01	0.19165E+01	-0.28319E+01
96	-0.24347E+01	0.29139E+00	-0.13795E+00	0.32564E+01	0.18945E+01	-0.32671E+01
97	-0.17297E+01	-0.18705E+00	-0.40265E+00	0.25784E+01	0.18912E+01	-0.24464E+01
98	-0.20757E+01	-0.11820E+00	-0.12145E+00	0.22300E+01	0.17481E+01	-0.23858E+01
99	-0.22600E+01	0.45049E+00	0.25724E+00	0.25983E+01	0.17643E+01	-0.25310E+01
100	-0.17384E+01	0.34336E+00	0.30558E+00	0.18790E+01	0.16957E+01	-0.18087E+01
101	-0.20920E+01	-0.14043E+00	-0.49569E-01	0.13939E+01	0.16889E+01	-0.13728E+01
102	-0.14746E+01	0.40844E+00	0.82405E+00	0.15061E+01	0.15677E+01	-0.13396E+01
103	-0.98223E+00	-0.17448E+00	0.50660E+00	-0.42446E+00	0.14247E+01	-0.66662E+00
104	-0.11014E+01	-0.39085E+00	0.42516E+00	0.82171E-01	0.14058E+01	-0.43551E+00
105	-0.29211E+01	0.58263E+00	-0.99242E+00	0.28395E+01	0.27443E+01	-0.34909E+01
106	-0.47014E+01	-0.25360E+01	-0.35831E+01	0.84937E-01	0.29633E+01	-0.17427E+01
107	-0.35409E+01	-0.14852E+01	-0.25655E+01	0.14328E+01	0.28357E+01	-0.26218E+01
108	-0.29390E+01	-0.12978E+01	-0.22098E+01	0.14831E+01	0.27069E+01	-0.26398E+01
109	-0.28039E+01	-0.13082E+01	-0.23071E+01	0.52888E+00	0.26975E+01	-0.17477E+01
110	-0.42133E+00	0.74602E+00	-0.35014E+00	0.22207E+01	0.24585E+01	-0.27519E+01
111	0.11743E+00	0.39202E+00	-0.46640E+00	0.15724E+01	0.22575E+01	-0.15034E+01
112	0.16469E+00	0.42790E+00	-0.38414E+00	0.24920E+01	0.22400E+01	-0.14885E+01
113	0.10070E+01	0.12441E+01	0.66297E+00	0.27034E+01	0.18663E+01	-0.28910E+01
114	0.86024E+00	0.85276E+00	0.14616E+00	0.22469E+01	0.17306E+01	-0.14557E+01

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115	0.97177E+00	0.93644E+00	0.37130E+00	0.39375E+01	0.16738E+01	-0.14116E+01
116	0.55691E+00	0.11650E+01	0.67845E+00	0.30509E+01	0.12628E+01	-0.25102E+01
117	-0.39610E+00	0.81171E-01	-0.20435E+00	0.33222E+01	0.98472E+00	-0.13234E+01
118	-0.27303E+00	0.13279E+00	0.51701E-01	0.28669E+01	0.91822E+00	-0.12235E+01
119	-0.30537E-01	0.96911E+00	0.67949E+00	0.24206E+01	0.68131E+00	-0.13794E+01
120	-0.68534E+00	-0.11008E+00	0.12717E-01	0.24084E+01	0.46979E+00	-0.10934E+01
121	-0.60769E+00	-0.82049E-01	0.13007E+00	0.20379E+01	0.42519E+00	-0.96025E+00
122	0.26871E+00	0.12915E+01	0.11696E+01	0.19955E+01	0.26461E+00	-0.14680E+01
123	-0.14621E-03	0.28724E+00	0.73068E+00	0.16193E+01	0.68864E-01	-0.80051E+00
124	0.34295E-01	0.28760E+00	0.81643E+00	0.12201E+01	0.43213E-01	-0.64427E+00
125	-0.14480E+00	0.25755E+00	0.74924E+00	0.10259E+01	0.12669E-01	-0.73554E+00
126	0.23523E+00	0.39762E+00	0.10242E+01	0.73101E+00	-0.86594E-01	-0.44069E+00
127	0.23295E+00	0.37984E+00	0.10363E+01	0.33732E+00	-0.93782E-01	-0.32461E+00
128	0.85130E+00	0.75433E+00	0.14543E+01	0.52198E+00	-0.16036E+00	-0.33668E+00
129	0.18180E+01	0.13533E+01	0.21089E+01	0.17260E+00	-0.29403E+00	-0.12986E+00
130	-0.34107E+01	0.10922E+01	-0.10034E+01	0.47458E+01	0.29079E+01	-0.55307E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.87993E+00	-0.58652E+01	0.49863E+01	0.78549E+02	-0.27442E+02	-0.35521E+02
131	-0.11323E+00	-0.75987E+00	0.64589E+00	0.17918E+03	-0.45151E+02	-0.10979E+03
132	-0.28171E+00	-0.18781E+01	0.15964E+01	0.30195E+03	-0.73487E+02	-0.18844E+03
133	-0.13380E+00	-0.89199E+00	0.75820E+00	0.44148E+03	-0.10250E+03	-0.27655E+03
134	-0.28155E+00	-0.18770E+01	0.15954E+01	0.60032E+03	-0.13335E+03	-0.38199E+03
135	-0.52933E+00	-0.35289E+01	0.29995E+01	0.72272E+03	-0.15833E+03	-0.47679E+03
136	-0.24642E+00	-0.16428E+01	0.13964E+01	0.82191E+03	-0.16898E+03	-0.54270E+03
137	-0.21624E+00	-0.14416E+01	0.12254E+01	0.80176E+03	-0.19227E+03	-0.57177E+03
138	-0.76570E+00	-0.51047E+01	0.35060E+01	0.82712E+03	-0.36783E+03	-0.61798E+03
139	0.98053E+00	0.65369E+01	-0.85463E+01	0.79589E+03	-0.72192E+03	-0.65325E+03
140	0.39683E+01	0.26455E+02	-0.22487E+02	0.10263E+04	-0.87370E+03	-0.74221E+03
141	0.37920E+01	0.25280E+02	-0.21488E+02	0.10251E+04	-0.88810E+03	-0.79171E+03
142	0.43384E+01	0.28923E+02	-0.24585E+02	0.10801E+04	-0.89008E+03	-0.84218E+03
143	0.44604E+01	0.29736E+02	-0.25276E+02	-0.42442E+03	-0.11136E+04	0.63372E+03
144	0.51643E+01	0.34429E+02	-0.29264E+02	-0.41354E+03	-0.10922E+04	0.64156E+03
145	-0.20242E+01	-0.13494E+02	0.60717E+01	0.40233E+03	-0.78767E+03	0.15731E+04
146	-0.83111E+00	-0.55407E+01	0.61369E+01	0.40979E+03	-0.57984E+03	0.13721E+04
147	-0.84868E+00	-0.56579E+01	0.60225E+01	0.38732E+03	-0.59677E+03	0.13508E+04
148	-0.86859E+00	-0.57906E+01	-0.24796E+01	0.37947E+03	-0.61331E+03	0.13545E+04
149	-0.89133E+00	-0.59425E+01	-0.23682E+01	0.37545E+03	-0.63149E+03	0.13805E+04
150	-0.10157E+01	-0.67716E+01	-0.14225E+01	0.28392E+03	-0.68731E+03	0.13409E+04
151	-0.12131E+01	-0.80872E+01	-0.31037E+02	0.27682E+03	-0.77388E+03	0.13736E+04
152	-0.11269E+01	-0.75126E+01	-0.55260E+02	0.27367E+03	-0.71642E+03	0.13620E+04
153	-0.99845E+00	-0.66562E+01	-0.48910E+02	0.23741E+03	-0.63550E+03	0.13306E+04
154	-0.71874E+00	-0.47916E+01	-0.93568E+02	0.20503E+03	-0.45236E+03	0.12929E+04
155	-0.32064E+00	-0.21376E+01	-0.76835E+02	0.20990E+03	-0.18404E+03	0.12089E+04
156	0.67440E-02	0.44960E-01	-0.65819E+02	0.16804E+03	0.29738E+02	0.11206E+04
157	0.27579E+00	0.18386E+01	-0.52616E+02	0.14879E+03	0.20770E+03	0.99769E+03
158	0.49538E+00	0.33026E+01	-0.44094E+02	0.11839E+03	0.35074E+03	0.87859E+03
159	0.66861E+00	0.44574E+01	-0.31455E+02	0.65202E+02	0.45920E+03	0.72797E+03
160	0.79491E+00	0.52994E+01	-0.22368E+02	0.42153E+02	0.54064E+03	0.58723E+03
161	0.97036E+00	0.64691E+01	-0.12021E+02	0.10816E+02	0.61247E+03	0.41687E+03
162	0.10279E+01	0.68530E+01	-0.17942E+01	-0.22736E+01	0.60694E+03	0.29476E+03
163	0.12051E+01	0.80337E+01	-0.62042E-01	-0.34145E+02	0.70680E+03	0.20890E+03
164	0.12308E+01	0.82052E+01	0.17893E+01	-0.75475E+02	0.71579E+03	0.14021E+03

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165	0.70519E+03	0.11292E+03	-0.47897E+01	0.39505E+02	0.74110E+03	0.10665E+03
166	0.58100E+03	0.85890E+02	0.35658E+01	0.30207E+02	0.69121E+03	0.97351E+02
167	0.46724E+03	0.63812E+02	0.74792E+01	0.24746E+02	0.59300E+03	0.89668E+02
168	0.36272E+03	0.46567E+02	0.87342E+01	0.19259E+02	0.49160E+03	0.83184E+02
169	0.23773E+03	0.24877E+02	0.11304E+02	0.14200E+02	0.42474E+03	0.75942E+02
170	0.11265E+03	0.16560E+01	0.15547E+02	0.84432E+01	0.38411E+03	0.67622E+02
171	-0.16854E+02	-0.20901E+02	0.18167E+02	0.66307E+00	0.30802E+03	0.55895E+02
172	-0.94715E+02	-0.31578E+02	0.16811E+02	-0.73825E+01	0.20585E+03	0.43160E+02
173	-0.99390E+02	-0.26074E+02	0.10608E+02	-0.12028E+02	0.11349E+03	0.34224E+02
174	-0.62811E+02	-0.13079E+02	0.34023E+01	-0.13317E+02	0.45752E+02	0.23041E+02
175	-0.15517E+02	-0.12539E+01	-0.96074E+00	-0.10281E+02	0.24537E+02	0.25323E+02
176	0.24076E+01	0.19268E+01	-0.13820E+01	-0.71269E+01	0.30687E+02	0.23711E+02
177	0.49748E+01	0.15597E+01	-0.69632E+00	-0.46778E+01	0.54903E+02	0.19624E+02
178	0.19581E+01	0.27906E+00	0.30352E-01	-0.31346E+01	0.26814E+02	0.14245E+02
179	-0.53168E+00	-0.22464E+00	0.13901E+00	-0.26863E+01	0.18969E+02	0.10004E+02
180	-0.63938E-01	-0.80951E-01	0.67808E-01	-0.20804E+01	0.11034E+02	0.60154E+01
181	-0.17759E+00	-0.18948E+00	0.14443E+00	-0.17037E+01	0.50197E+01	0.20889E+01
182	0.63058E+00	0.29287E+00	-0.17242E+00	-0.60997E+00	-0.11884E+01	-0.73814E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.14817E-01	0.47235E-04	0.14915E-01	0.00000E+00
3	-0.27592E-01	0.74295E-04	0.27521E-01	0.00000E+00
4	-0.30743E-01	0.64434E-04	0.30633E-01	0.00000E+00
5	-0.35079E-01	0.38678E-04	0.35069E-01	0.00000E+00
6	-0.37959E-01	-0.67797E-05	0.37959E-01	0.00000E+00
7	-0.35117E-01	-0.50601E-03	0.35192E-01	0.00000E+00
8	-0.38056E-01	-0.48270E-03	0.38116E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.14823E-01	-0.35274E-03	0.14846E-01	0.00000E+00
11	-0.27476E-01	-0.71166E-03	0.27565E-01	0.00000E+00
12	-0.30589E-01	-0.87292E-03	0.30786E-01	0.00000E+00
13	-0.35137E-01	-0.95507E-03	0.35379E-01	0.00000E+00
14	-0.38275E-01	-0.96804E-03	0.38542E-01	0.00000E+00
15	-0.35442E-01	-0.19013E-02	0.35996E-01	0.00000E+00
16	-0.38652E-01	-0.18055E-02	0.39264E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.14446E-01	-0.69366E-03	0.14929E-01	0.00000E+00
19	-0.27215E-01	-0.20283E-02	0.27969E-01	0.00000E+00
20	-0.30560E-01	-0.25300E-02	0.31409E-01	0.00000E+00
21	-0.35702E-01	-0.27058E-02	0.36590E-01	0.00000E+00
22	-0.39211E-01	-0.26715E-02	0.40315E-01	0.00000E+00
23	-0.36090E-01	-0.43062E-02	0.37439E-01	0.00000E+00
24	-0.39983E-01	-0.42800E-02	0.41751E-01	0.00000E+00
25	-0.40458E-01	-0.55270E-02	0.42640E-01	0.00000E+00
26	-0.40743E-01	-0.60521E-02	0.43171E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.13356E-01	-0.13937E-02	0.14471E-01	0.00000E+00
29	-0.25898E-01	-0.34156E-02	0.27562E-01	0.00000E+00
30	-0.29705E-01	-0.45033E-02	0.31392E-01	0.00000E+00
31	-0.35767E-01	-0.56900E-02	0.37979E-01	0.00000E+00
32	-0.41012E-01	-0.66467E-02	0.43732E-01	0.00000E+00
33	-0.35558E-01	-0.59931E-02	0.38015E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.12894E-01	-0.13565E-02	0.14118E-01	0.00000E+00
36	-0.25243E-01	-0.34051E-02	0.27008E-01	0.00000E+00
37	-0.29124E-01	-0.44980E-02	0.30776E-01	0.00000E+00
38	-0.35372E-01	-0.58592E-02	0.37854E-01	0.00000E+00
39	-0.41399E-01	-0.68835E-02	0.44667E-01	0.00000E+00
40	-0.41323E-01	-0.68648E-02	0.44472E-01	0.00000E+00
41	-0.41248E-01	-0.68466E-02	0.44285E-01	0.00000E+00
42	-0.41165E-01	-0.68115E-02	0.44046E-01	0.00000E+00
43	-0.28025E-01	-0.33638E-02	0.28772E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.11338E-01	-0.10418E-02	0.12047E-01	0.00000E+00
46	-0.22928E-01	-0.25240E-02	0.23088E-01	0.00000E+00
47	-0.41418E-01	-0.68836E-02	0.44718E-01	0.00000E+00
48	-0.41424E-01	-0.68842E-02	0.44732E-01	0.00000E+00
49	-0.35293E-01	-0.57820E-02	0.37723E-01	0.00000E+00
50	-0.41452E-01	-0.69239E-02	0.44820E-01	0.00000E+00
51	-0.34217E-01	-0.50140E-02	0.34372E-01	0.00000E+00
52	-0.40070E-01	-0.66423E-02	0.40371E-01	0.00000E+00
53	-0.41393E-01	-0.63615E-02	0.44679E-01	0.00000E+00
54	-0.26772E-01	-0.33831E-02	0.26288E-01	0.00000E+00
55	-0.32735E-01	-0.44987E-02	0.31613E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.99700E-02	-0.37695E-03	0.92764E-02	0.00000E+00
58	-0.20696E-01	-0.14463E-02	0.18306E-01	0.00000E+00
59	-0.37951E-01	-0.56302E-02	0.35952E-01	0.00000E+00
60	-0.39476E-01	-0.64011E-02	0.39019E-01	0.00000E+00
61	-0.41450E-01	-0.69485E-02	0.44878E-01	0.00000E+00
62	-0.24244E-01	-0.19474E-02	0.20880E-01	0.00000E+00
63	-0.29608E-01	-0.26998E-02	0.24356E-01	0.00000E+00
64	-0.40340E-01	-0.67200E-02	0.40636E-01	0.00000E+00
65	-0.41469E-01	-0.69720E-02	0.44935E-01	0.00000E+00
66	-0.41533E-01	-0.70187E-02	0.45049E-01	0.00000E+00
67	-0.41599E-01	-0.70659E-02	0.45166E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.92735E-02	-0.74738E-04	0.66365E-02	0.00000E+00
70	-0.18527E-01	-0.21923E-03	0.13006E-01	0.00000E+00
71	-0.34725E-01	-0.35309E-02	0.28576E-01	0.00000E+00
72	-0.40321E-01	-0.67189E-02	0.39755E-01	0.00000E+00
73	-0.26596E-01	-0.32562E-03	0.17974E-01	0.00000E+00
74	-0.41791E-01	-0.70671E-02	0.40902E-01	0.00000E+00
75	-0.41654E-01	-0.71050E-02	0.45271E-01	0.00000E+00
76	-0.42004E-01	-0.71761E-02	0.45447E-01	0.00000E+00
77	-0.31115E-01	-0.13032E-02	0.20630E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.86388E-02	0.41983E-03	0.42126E-02	0.00000E+00
80	-0.16698E-01	0.81290E-03	0.78801E-02	0.00000E+00
81	-0.19411E-01	0.93615E-03	0.89318E-02	0.00000E+00
82	-0.23612E-01	0.77700E-03	0.10834E-01	0.00000E+00
83	-0.39682E-01	-0.44607E-02	0.32031E-01	0.00000E+00
84	-0.33121E-01	-0.32073E-03	0.17335E-01	0.00000E+00
85	-0.42750E-01	-0.72672E-02	0.45677E-01	0.00000E+00
86	-0.43432E-01	-0.73338E-02	0.42181E-01	0.00000E+00
87	-0.27714E-01	0.51679E-03	0.12873E-01	0.00000E+00
88	-0.41970E-01	-0.60272E-02	0.37338E-01	0.00000E+00
89	-0.43417E-01	-0.73478E-02	0.45896E-01	0.00000E+00
90	-0.18131E-01	0.63872E-03	-0.45510E-03	0.00000E+00
91	-0.20091E-01	0.56527E-03	-0.67733E-03	0.00000E+00
92	-0.21559E-01	0.39841E-03	-0.42920E-03	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.58002E-02	0.00000E+00	-0.47219E-02	0.00000E+00
95	-0.10827E-01	0.00000E+00	-0.84088E-02	0.00000E+00
96	-0.12075E-01	0.00000E+00	-0.92200E-02	0.00000E+00
97	-0.13825E-01	0.00000E+00	-0.94775E-02	0.00000E+00
98	-0.14540E-01	0.00000E+00	-0.93899E-02	0.00000E+00
99	-0.17001E-01	0.42801E-03	-0.49325E-02	0.00000E+00
100	-0.24041E-01	0.29671E-03	0.24410E-02	0.00000E+00
101	-0.37922E-01	-0.11194E-02	0.19243E-01	0.00000E+00
102	-0.45196E-01	-0.74507E-02	0.46204E-01	0.00000E+00
103	-0.42675E-01	-0.49910E-02	0.33838E-01	0.00000E+00
104	-0.46208E-01	-0.77326E-02	0.43775E-01	0.00000E+00
105	-0.46057E-01	-0.75373E-02	0.46468E-01	0.00000E+00
106	-0.44987E-01	-0.54028E-02	0.35074E-01	0.00000E+00
107	-0.48347E-01	-0.80597E-02	0.44805E-01	0.00000E+00
108	-0.47924E-01	-0.76018E-02	0.46687E-01	0.00000E+00
109	-0.48931E-01	-0.76474E-02	0.46843E-01	0.00000E+00
110	-0.48413E-01	-0.59434E-02	0.36429E-01	0.00000E+00
111	-0.50052E-01	-0.83196E-02	0.45491E-01	0.00000E+00
112	-0.49771E-01	-0.76758E-02	0.46938E-01	0.00000E+00
113	-0.49467E-01	-0.62999E-02	0.38469E-01	0.00000E+00
114	-0.50353E-01	-0.76786E-02	0.46958E-01	0.00000E+00
115	-0.50738E-01	-0.76682E-02	0.46906E-01	0.00000E+00
116	-0.50893E-01	-0.76403E-02	0.46761E-01	0.00000E+00

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117	-0.50732E-01	-0.82190E-02	0.45519E-01	0.00000E+00
118	-0.50892E-01	-0.76224E-02	0.46663E-01	0.00000E+00
119	-0.50832E-01	-0.75871E-02	0.46446E-01	0.00000E+00
120	-0.51198E-01	-0.80049E-02	0.45330E-01	0.00000E+00
121	-0.50718E-01	-0.75300E-02	0.46154E-01	0.00000E+00
122	-0.50710E-01	-0.74748E-02	0.46214E-01	-0.13884E-04
123	-0.50656E-01	-0.73528E-02	0.46247E-01	-0.25660E-04
124	-0.50588E-01	-0.71509E-02	0.46282E-01	-0.40356E-04
125	-0.50447E-01	-0.68450E-02	0.46312E-01	-0.59862E-04
126	-0.50035E-01	-0.60835E-02	0.46359E-01	-0.88785E-04
127	-0.49619E-01	-0.51090E-02	0.46402E-01	-0.10311E-03
128	-0.48577E-01	-0.27910E-02	0.46489E-01	-0.10118E-03
129	-0.47730E-01	-0.78826E-03	0.46565E-01	-0.78720E-04
130	-0.47105E-01	0.31442E-03	0.46644E-01	-0.45106E-04
131	-0.47792E-01	0.17544E-02	0.46765E-01	-0.28217E-05
132	-0.46911E-01	0.14037E-02	0.46875E-01	0.13575E-04
133	-0.47078E-01	0.81042E-03	0.46976E-01	0.11221E-04
134	-0.47159E-01	0.47128E-03	0.47061E-01	0.49257E-05
135	-0.47188E-01	0.34508E-03	0.47130E-01	0.21213E-05
136	-0.47207E-01	0.24878E-03	0.47180E-01	0.25790E-05
137	-0.47219E-01	0.14230E-03	0.47211E-01	0.26379E-05
138	-0.47228E-01	0.22181E-04	0.47228E-01	0.29786E-05
139	-0.47228E-01	0.26658E-05	0.47228E-01	0.26785E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4100E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.57314E-01	-0.94213E-01	-0.47530E-01	-0.18266E+01	-0.73083E-02	0.18304E+01
2	-0.34424E-01	-0.83401E-01	-0.32110E-01	-0.15993E+01	-0.63226E-02	0.15836E+01
3	0.37347E-01	-0.66708E-01	-0.12151E-01	-0.12800E+01	0.69983E-02	0.12715E+01
4	-0.95677E-01	-0.93023E-01	-0.97818E-01	-0.10376E+01	0.30097E-01	0.10339E+01
5	0.34627E-01	-0.37373E-01	0.26287E-01	-0.10490E+01	0.40497E-02	0.10503E+01
6	-0.79545E-01	-0.89949E-01	-0.20725E-01	-0.10773E+01	0.17050E-01	0.10795E+01
7	-0.35683E-01	-0.14419E-01	0.11411E-01	-0.74491E+00	0.14151E-01	0.73707E+00
8	-0.80103E-01	-0.25685E-01	0.77743E-02	-0.75989E+00	0.37551E-01	0.76971E+00
9	-0.19251E+00	-0.37363E+00	-0.20839E+00	-0.18093E+01	-0.33051E-02	0.18355E+01
10	-0.15008E+00	-0.38138E+00	-0.16444E+00	-0.16245E+01	0.13960E-02	0.16249E+01
11	-0.32491E-01	-0.31992E+00	0.19430E-01	-0.14111E+01	0.30354E-01	0.13776E+01
12	-0.25057E+00	-0.19390E+00	-0.10958E+00	-0.11670E+01	0.86988E-01	0.10914E+01
13	-0.29055E-01	-0.12087E+00	0.29970E-01	-0.12043E+01	0.24125E-01	0.11677E+01
14	-0.28360E+00	-0.26586E+00	-0.11445E+00	-0.12594E+01	0.69678E-01	0.12397E+01
15	-0.18773E+00	-0.55049E-01	-0.14862E-01	-0.86682E+00	0.91503E-01	0.82235E+00
16	-0.22257E+00	-0.45443E-01	0.68775E-02	-0.90370E+00	0.10775E+00	0.90082E+00
17	-0.26425E+00	-0.62589E+00	-0.32198E+00	-0.17179E+01	-0.29410E-01	0.18141E+01
18	-0.10539E+00	-0.67246E+00	-0.22547E+00	-0.16179E+01	-0.63186E-01	0.16558E+01
19	0.24894E+00	-0.66115E+00	0.72644E-01	-0.15643E+01	-0.10750E+00	0.15230E+01
20	-0.40128E+00	-0.33730E+00	-0.17539E+00	-0.14031E+01	0.11038E+00	0.12551E+01
21	-0.52237E-01	-0.55253E+00	-0.11117E+00	-0.14653E+01	-0.48221E-01	0.14445E+01
22	-0.46569E+00	-0.10934E+01	-0.46807E+00	-0.15567E+01	0.39331E-01	0.15807E+01
23	-0.39625E+00	-0.17323E+00	-0.84297E-01	-0.11192E+01	0.15499E+00	0.10407E+01
24	-0.75942E+00	-0.40444E+00	-0.29274E+00	-0.13228E+01	0.25927E+00	0.11308E+01
25	-0.46990E+00	-0.67762E+00	-0.27372E+00	-0.13265E+01	0.12329E+00	0.13116E+01
26	-0.16641E+01	-0.17247E+01	-0.11467E+01	-0.15824E+01	0.30947E+00	0.14757E+01
27	-0.28421E+00	-0.73093E+00	-0.36665E+00	-0.15997E+01	-0.56298E-01	0.17637E+01
28	-0.54355E-01	-0.81913E+00	-0.25221E+00	-0.15154E+01	-0.14313E+00	0.16453E+01
29	0.55681E+00	-0.83377E+00	0.12873E+00	-0.14057E+01	-0.36113E+00	0.15834E+01
30	-0.10085E+00	-0.84121E+00	-0.20234E+00	-0.14778E+01	-0.43127E-01	0.15859E+01
31	-0.89472E-01	-0.10644E+01	-0.30776E+00	-0.13325E+01	-0.22896E+00	0.16466E+01
32	-0.27705E+00	-0.10872E+01	-0.37652E+00	-0.12746E+01	-0.15564E+00	0.16833E+01
33	-0.11323E+01	-0.13946E+01	-0.79985E+00	-0.14336E+01	0.17384E+00	0.15553E+01
34	-0.24087E+01	-0.21841E+01	-0.16133E+01	-0.14419E+01	0.43145E+00	0.16971E+01
35	-0.10312E+01	-0.12642E+01	-0.69101E+00	-0.13913E+01	0.13894E+00	0.16945E+01
36	0.55857E-01	-0.61642E+00	-0.15027E-01	-0.13311E+01	-0.16994E+00	0.17467E+01
37	-0.11980E+01	-0.15128E+01	-0.85765E+00	-0.14730E+01	0.14961E+00	0.18185E+01
38	-0.22122E+00	-0.62332E+00	-0.31117E+00	-0.14698E+01	-0.82068E-01	0.16108E+01
39	0.26374E-01	-0.67634E+00	-0.20680E+00	-0.14210E+01	-0.22889E+00	0.15035E+01
40	0.56791E+00	-0.84935E+00	0.72302E-01	-0.12454E+01	-0.62220E+00	0.15521E+01
41	0.69329E+00	-0.61436E+00	0.11476E+00	-0.13209E+01	-0.58446E+00	0.14939E+01
42	0.76392E+00	-0.56825E+00	0.71901E-01	-0.12746E+01	-0.70112E+00	0.12907E+01
43	0.77885E-01	-0.83836E+00	-0.17149E+00	-0.12455E+01	-0.35349E+00	0.16837E+01
44	0.30091E+00	-0.58867E+00	-0.28139E-01	-0.12020E+01	-0.54947E+00	0.14405E+01
45	0.43416E+00	-0.50515E+00	-0.25741E-02	-0.12563E+01	-0.54165E+00	0.14208E+01
46	0.25354E+00	-0.64432E+00	-0.17356E+00	-0.12124E+01	-0.40521E+00	0.12372E+01
47	-0.42340E+00	-0.10235E+01	-0.36215E+00	-0.13794E+01	-0.11854E+00	0.18335E+01
48	-0.59683E+00	-0.11744E+01	-0.46277E+00	-0.14723E+01	-0.12935E+00	0.18585E+01
49	-0.10872E+00	-0.98526E+00	-0.26438E+00	-0.14223E+01	-0.42722E+00	0.19783E+01
50	0.12326E+01	-0.30884E+00	0.46492E+00	-0.11843E+01	-0.10956E+01	0.13404E+01
51	0.15421E+00	-0.64992E-01	0.28543E+00	-0.58099E-01	-0.13792E+00	0.37637E+00
52	0.12953E+01	0.96172E+00	0.10870E+01	0.64796E+00	-0.60462E+00	-0.18675E+01
53	0.50479E+00	-0.66768E+00	-0.10924E+00	-0.10593E+01	-0.59484E+00	0.11423E+01
54	-0.45501E-01	-0.31926E+00	-0.14574E+00	-0.12778E+01	-0.10164E+00	0.13086E+01

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55	0.13423E+00	-0.44136E+00	-0.14691E+00	-0.12998E+01	-0.26837E+00	0.12473E+01
56	0.77742E+00	-0.41954E+00	-0.14691E-01	-0.11709E+01	-0.70028E+00	0.11306E+01
57	0.43330E+00	-0.41149E+00	-0.95515E-01	-0.10370E+01	-0.48279E+00	0.10649E+01
58	0.54512E+00	-0.43064E+00	-0.13341E+00	-0.95046E+00	-0.54345E+00	0.94771E+00
59	-0.19644E+00	-0.28859E+00	-0.20252E+00	-0.12136E+01	0.30584E-02	0.11354E+01
60	0.21485E+00	0.94426E-01	0.35160E-01	-0.11113E+01	-0.17982E+00	0.81300E+00
61	0.13777E+00	0.26410E-01	-0.77989E-02	-0.10972E+01	-0.15151E+00	0.80985E+00
62	0.14265E+00	0.24523E+00	0.11135E+00	-0.10559E+01	0.15650E-01	0.51339E+00
63	0.19015E+00	-0.16833E+00	-0.91696E-01	-0.11649E+01	-0.25525E+00	0.94731E+00
64	0.32397E+00	0.18335E+00	0.40564E-01	-0.10143E+01	-0.21813E+00	0.61083E+00
65	0.68939E+00	-0.31419E+00	-0.14426E+00	-0.11210E+01	-0.67850E+00	0.97570E+00
66	0.86931E+00	-0.31191E-01	-0.14258E+00	-0.99495E+00	-0.72469E+00	0.70590E+00
67	0.55612E+00	0.31533E+00	-0.16555E+00	-0.77000E+00	-0.57490E+00	0.37446E+00
68	0.56799E+00	-0.28023E+00	-0.12758E+00	-0.99988E+00	-0.50979E+00	0.88969E+00
69	0.54195E+00	-0.26751E-01	-0.84638E-01	-0.90602E+00	-0.41389E+00	0.67297E+00
70	0.53720E+00	0.22946E+00	0.53669E-01	-0.77142E+00	-0.48556E+00	0.40829E+00
71	0.70222E+00	-0.15529E+00	-0.98022E-01	-0.86616E+00	-0.52943E+00	0.72221E+00
72	0.74005E+00	0.26879E-01	-0.11339E+00	-0.78557E+00	-0.49546E+00	0.51119E+00
73	0.14019E+00	0.13947E+00	0.23878E-01	-0.88623E+00	-0.52262E-01	-0.31954E-01
74	0.24347E+00	0.12817E+00	-0.91182E-01	-0.82324E+00	-0.14556E+00	-0.36303E-02
75	0.55084E+00	0.12279E+00	-0.41681E+00	-0.72246E+00	-0.39338E+00	0.36960E-01
76	0.63299E+00	0.67271E-01	-0.14761E+00	-0.91414E+00	-0.33645E+00	0.40326E+00
77	0.49386E+00	0.26076E+00	-0.13870E+00	-0.53966E+00	-0.23595E+00	-0.72619E-01
78	0.42922E+00	0.56117E-01	-0.28893E+00	-0.40907E+00	-0.21845E+00	-0.57672E-01
79	0.63353E+00	0.13253E+00	-0.86253E-01	-0.65750E+00	-0.36223E+00	0.19006E+00
80	0.36846E+00	0.24284E+00	-0.74115E-01	-0.43738E+00	-0.20877E+00	-0.53234E-01
81	0.45147E+00	0.10506E+00	-0.28226E+00	-0.22167E+00	-0.21066E+00	-0.58393E-01
82	0.46873E+00	0.67917E-01	-0.29899E+00	-0.13978E+00	-0.17962E+00	0.17844E-01
83	0.74892E+00	0.84103E-01	-0.21422E+00	-0.42035E+00	-0.19849E+00	0.64719E-01
84	0.10379E+01	0.26353E+00	-0.35461E-01	-0.43985E+00	-0.38413E+00	0.44600E-01
85	0.11154E+01	0.17662E-01	-0.98481E-01	-0.69494E+00	-0.47527E+00	0.34110E+00
86	0.11679E+01	0.13177E+00	-0.81406E-01	-0.62227E+00	-0.45757E+00	0.26270E+00
87	0.90819E+00	0.23779E+00	-0.30758E-01	-0.65244E+00	-0.49756E+00	0.34770E+00
88	0.81533E+00	-0.13312E+00	-0.13841E+00	-0.69802E+00	-0.58696E+00	0.58152E+00
89	0.84227E+00	-0.13153E+00	-0.16595E+00	-0.59411E+00	-0.60829E+00	0.53828E+00
90	0.10257E+01	0.60629E-01	-0.11704E+00	-0.42662E+00	-0.61679E+00	0.28757E+00
91	0.10265E+01	0.63746E-01	-0.86117E-01	-0.40195E+00	-0.64206E+00	0.39205E+00
92	0.10671E+01	0.15634E+00	-0.76652E-01	-0.31378E+00	-0.62638E+00	0.27487E+00
93	0.60416E+00	-0.77326E+00	-0.12910E+00	-0.74137E+00	-0.67162E+00	0.93221E+00
94	0.71729E+00	-0.35791E+00	0.15438E-01	-0.74202E+00	-0.61363E+00	0.67184E+00
95	0.50596E+00	-0.87637E-01	0.33297E-01	-0.49800E+00	-0.57681E+00	0.66395E+00
96	0.60422E+00	-0.30867E+00	-0.12997E+00	-0.75770E+00	-0.56586E+00	0.73994E+00
97	0.46362E+00	-0.12936E+00	-0.30869E-01	-0.58335E+00	-0.56590E+00	0.58064E+00
98	0.51921E+00	-0.12578E+00	-0.12544E+00	-0.51110E+00	-0.52152E+00	0.55515E+00
99	0.61147E+00	-0.23550E+00	-0.18984E+00	-0.61991E+00	-0.52481E+00	0.57886E+00
100	0.42490E+00	-0.20707E+00	-0.24217E+00	-0.43370E+00	-0.49848E+00	0.43144E+00
101	0.50020E+00	-0.61665E-01	-0.16158E+00	-0.29509E+00	-0.48931E+00	0.33122E+00
102	0.27341E+00	-0.19537E+00	-0.43875E+00	-0.37498E+00	-0.43501E+00	0.32751E+00
103	0.12983E+00	-0.11435E-01	-0.34920E+00	-0.35660E-01	-0.40392E+00	0.16344E+00
104	0.18396E+00	0.87590E-01	-0.31290E+00	0.40198E-01	-0.39501E+00	0.10962E+00
105	0.71178E+00	-0.43200E+00	0.10512E+00	-0.66362E+00	-0.78930E+00	0.85590E+00
106	0.12527E+01	0.56069E+00	0.39445E+00	0.12416E-01	-0.83162E+00	0.42757E+00
107	0.89109E+00	0.18710E+00	0.56195E+00	-0.30969E+00	-0.80113E+00	0.60902E+00
108	0.74303E+00	0.14416E+00	0.47296E+00	-0.32110E+00	-0.77164E+00	0.61567E+00
109	0.79590E+00	0.26720E+00	0.57704E+00	-0.10101E+00	-0.77175E+00	0.42863E+00
110	0.99450E-01	-0.39443E+00	-0.19862E-01	-0.52841E+00	-0.71235E+00	0.65440E+00
111	0.71823E-01	-0.13998E+00	0.11801E+00	-0.36442E+00	-0.66731E+00	0.37022E+00
112	0.61109E-01	-0.14445E+00	0.95702E-01	-0.59126E+00	-0.66152E+00	0.36778E+00
113	-0.22618E+00	-0.55031E+00	-0.32112E+00	-0.65746E+00	-0.56624E+00	0.69106E+00
114	-0.13403E+00	-0.25050E+00	-0.60144E-01	-0.54031E+00	-0.53796E+00	0.36221E+00

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000343

115	-0.15907E+00	-0.26739E+00	-0.11825E+00	-0.96158E+00	-0.52183E+00	0.35283E+00
116	-0.21140E+00	-0.52923E+00	-0.35554E+00	-0.76303E+00	-0.41566E+00	0.60977E+00
117	0.12352E+00	-0.92039E-01	-0.25399E-01	-0.81829E+00	-0.35116E+00	0.33412E+00
118	0.95829E-01	-0.95817E-01	-0.90846E-01	-0.71270E+00	-0.33228E+00	0.31074E+00
119	-0.57165E-01	-0.40947E+00	-0.34650E+00	-0.61936E+00	-0.26749E+00	0.46423E+00
120	0.14441E+00	-0.63083E-01	-0.12912E+00	-0.60115E+00	-0.21821E+00	0.28047E+00
121	0.12809E+00	-0.60746E-01	-0.17227E+00	-0.51101E+00	-0.20480E+00	0.24828E+00
122	-0.16315E+00	-0.45884E+00	-0.49115E+00	-0.53113E+00	-0.15589E+00	0.37610E+00
123	-0.12421E+00	-0.20879E+00	-0.38716E+00	-0.40166E+00	-0.10794E+00	0.20946E+00
124	-0.12970E+00	-0.19962E+00	-0.40902E+00	-0.29550E+00	-0.99539E-01	0.17092E+00
125	-0.40266E-01	-0.79564E-01	-0.34944E+00	-0.26555E+00	-0.82014E-01	0.19930E+00
126	-0.25139E+00	-0.26486E+00	-0.51663E+00	-0.16233E+00	-0.57365E-01	0.11922E+00
127	-0.24783E+00	-0.25285E+00	-0.51975E+00	-0.77219E-01	-0.54026E-01	0.91048E-01
128	-0.38763E+00	-0.28731E+00	-0.60719E+00	-0.12331E+00	-0.27492E-01	0.11127E+00
129	-0.76427E+00	-0.57246E+00	-0.88349E+00	-0.26257E-02	0.13047E-01	0.35911E-01
133	0.81267E+00	-0.62913E+00	0.84125E-01	-0.11189E+01	-0.84016E+00	0.13298E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.24941E+00	0.16623E+01	-0.14133E+01	-0.16908E+02	0.82559E+01	0.80279E+01
131	0.85437E-01	0.56958E+00	-0.48414E+00	-0.38212E+02	0.14346E+02	0.25488E+02
132	0.14712E+00	0.98082E+00	-0.83370E+00	-0.66085E+02	0.22559E+02	0.43819E+02
133	0.98771E-01	0.65847E+00	-0.55970E+00	-0.98639E+02	0.30456E+02	0.64599E+02
134	0.19112E+00	0.12742E+01	-0.10830E+01	-0.13667E+03	0.38372E+02	0.89575E+02
135	0.28032E+00	0.18668E+01	-0.15885E+01	-0.16876E+03	0.44079E+02	0.11244E+03
136	0.18218E+00	0.12145E+01	-0.10323E+01	-0.19230E+03	0.46649E+02	0.12864E+03
137	0.20476E+00	0.13651E+01	-0.11603E+01	-0.18010E+03	0.53524E+02	0.13560E+03
138	0.18324E+00	0.12216E+01	-0.84791E+00	-0.18808E+03	0.98589E+02	0.14709E+03
139	-0.74849E+00	-0.49899E+01	0.49609E+01	-0.17808E+03	0.19068E+03	0.15552E+03
140	-0.19472E+01	-0.12982E+02	0.11034E+02	-0.23821E+03	0.23020E+03	0.17768E+03
141	-0.19460E+01	-0.12307E+02	0.10461E+02	-0.23847E+03	0.23367E+03	0.19014E+03
142	-0.21328E+01	-0.14219E+02	0.12086E+02	-0.25500E+03	0.23372E+03	0.20331E+03
143	-0.21852E+01	-0.14558E+02	0.12383E+02	0.11560E+03	0.28869E+03	-0.18293E+03
144	-0.24859E+01	-0.16573E+02	0.14087E+02	0.10958E+03	0.28246E+03	-0.17282E+03
145	0.51985E+00	0.34657E+01	-0.16777E+00	-0.18014E+03	0.19077E+03	-0.39780E+03
146	0.21141E+00	0.14094E+01	-0.94262E+00	-0.16978E+03	0.13766E+03	-0.34151E+03
147	0.21448E+00	0.14299E+01	-0.92104E+00	-0.16124E+03	0.14131E+03	-0.33731E+03
148	0.21754E+00	0.14502E+01	0.11441E+01	-0.15938E+03	0.14395E+03	-0.33842E+03
149	-0.22068E+00	-0.14712E+01	0.11234E+01	-0.16071E+03	0.14618E+03	-0.34451E+03
150	0.24870E+00	0.16580E+01	0.94493E+00	-0.13301E+03	0.15894E+03	-0.33601E+03
151	0.29224E+00	0.19483E+01	0.82590E+01	-0.13311E+03	0.17647E+03	-0.34438E+03
152	0.26369E+00	0.17580E+01	0.14228E+02	-0.12945E+03	0.15783E+03	-0.34293E+03
153	0.22378E+00	0.14919E+01	0.12639E+02	-0.11545E+03	0.13310E+03	-0.33668E+03
154	0.14434E+00	0.96225E+00	0.23758E+02	-0.10316E+03	0.81545E+02	-0.32906E+03
155	0.33895E-01	0.22597E+00	0.19473E+02	-0.95769E+02	0.84179E+01	-0.31007E+03
156	-0.59056E-01	-0.39371E+00	0.16925E+02	-0.80045E+02	-0.51703E+02	-0.28972E+03
157	-0.13765E+00	-0.91766E+00	0.13533E+02	-0.66520E+02	-0.10250E+03	-0.26051E+03
158	-0.20369E+00	-0.13579E+01	0.11461E+02	-0.53578E+02	-0.14495E+03	-0.23188E+03
159	-0.25777E+00	-0.17185E+01	0.81482E+01	-0.29802E+02	-0.17774E+03	-0.19513E+03
160	-0.29912E+00	-0.19941E+01	0.57057E+01	-0.18980E+02	-0.20391E+03	-0.16042E+03
161	-0.36370E+00	-0.24247E+01	0.31808E+01	-0.20456E+01	-0.22926E+03	-0.11831E+03
162	-0.38835E+00	-0.25923E+01	0.10088E+01	0.52070E+01	-0.22894E+03	-0.87831E+02
163	-0.46256E+00	-0.30837E+01	0.27631E+00	0.13529E+02	-0.27124E+03	-0.65268E+02
164	-0.48058E+00	-0.32039E+01	-0.30090E+00	0.31124E+02	-0.27925E+03	-0.45931E+02

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5622

165	-0.29990E+03	-0.48595E+02	0.25957E+01	-0.18980E+02	-0.29273E+03	-0.35283E+02
166	-0.24980E+03	-0.37353E+02	-0.10773E+01	-0.15020E+02	-0.27346E+03	-0.31650E+02
167	-0.20257E+03	-0.27965E+02	-0.29165E+01	-0.12635E+02	-0.23493E+03	-0.23629E+02
168	-0.15868E+03	-0.20570E+02	-0.35918E+01	-0.10233E+02	-0.19492E+03	-0.26052E+02
169	-0.10541E+03	-0.11238E+02	-0.47777E+01	-0.79716E+01	-0.16827E+03	-0.23138E+02
170	-0.51555E+02	-0.11757E+01	-0.66680E+01	-0.53735E+01	-0.15138E+03	-0.19781E+02
171	0.44873E+01	0.86696E+01	-0.79025E+01	-0.18361E+01	-0.11922E+03	-0.15077E+02
172	0.39484E+02	0.13632E+02	-0.74357E+01	0.18952E+01	-0.75431E+02	-0.10064E+02
173	0.42826E+02	0.11489E+02	-0.47905E+01	0.41502E+01	-0.36142E+02	-0.67199E+01
174	0.26692E+02	0.53652E+01	-0.17120E+01	0.49715E+01	-0.72605E+01	-0.47782E+01
175	0.67927E+01	0.80154E+00	0.20449E+00	0.39068E+01	0.39316E+00	-0.44597E+01
176	-0.73432E+00	-0.56933E+00	0.41265E+00	0.26998E+01	-0.31555E+01	-0.45383E+01
177	-0.14715E+01	-0.43878E+00	0.19051E+00	0.18233E+01	-0.56412E+01	-0.38840E+01
178	-0.47160E+00	-0.79674E-01	0.54232E-02	0.12538E+01	-0.46485E+01	-0.28317E+01
179	0.80797E-01	0.35640E-01	-0.22272E-01	0.98436E+00	-0.33191E+01	-0.19994E+01
180	0.10559E-01	0.19299E-01	-0.16245E-01	0.69742E+00	-0.19279E+01	-0.12069E+01
181	0.36853E-01	0.31904E-01	-0.23264E-01	0.45883E+00	-0.87330E+00	-0.43341E+00
182	-0.13259E+00	-0.61576E-01	0.36250E-01	0.12399E+00	0.17942E+00	-0.21836E-02

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000345

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4200E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.26803E-01	0.21912E-04	0.27082E-01	0.00000E+00
3	-0.50773E-01	-0.92104E-04	0.50762E-01	0.00000E+00
4	-0.57049E-01	-0.98624E-04	0.56856E-01	0.00000E+00
5	-0.65801E-01	0.80806E-05	0.65780E-01	0.00000E+00
6	-0.71962E-01	-0.53138E-05	0.71965E-01	0.00000E+00
7	-0.65891E-01	-0.56177E-03	0.65964E-01	0.00000E+00
8	-0.72159E-01	-0.47434E-03	0.72232E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.26501E-01	-0.29018E-03	0.26505E-01	0.00000E+00
11	-0.50299E-01	-0.69785E-03	0.50417E-01	0.00000E+00
12	-0.56768E-01	-0.85646E-03	0.56946E-01	0.00000E+00
13	-0.66039E-01	-0.83162E-03	0.66232E-01	0.00000E+00
14	-0.72618E-01	-0.72750E-03	0.72945E-01	0.00000E+00
15	-0.66483E-01	-0.13633E-02	0.67241E-01	0.00000E+00
16	-0.73381E-01	-0.11147E-02	0.73158E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.25967E-01	-0.48460E-03	0.26565E-01	0.00000E+00
19	-0.49988E-01	-0.12335E-02	0.50973E-01	0.00000E+00
20	-0.56891E-01	-0.15464E-02	0.57927E-01	0.00000E+00
21	-0.66946E-01	-0.15384E-02	0.68181E-01	0.00000E+00
22	-0.74483E-01	-0.13388E-02	0.75923E-01	0.00000E+00
23	-0.67595E-01	-0.20083E-02	0.69577E-01	0.00000E+00
24	-0.75964E-01	-0.15702E-02	0.78340E-01	0.00000E+00
25	-0.76343E-01	-0.19297E-02	0.79835E-01	0.00000E+00
26	-0.77369E-01	-0.19608E-02	0.80726E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.25249E-01	-0.35569E-03	0.26011E-01	0.00000E+00
29	-0.49226E-01	-0.11309E-02	0.50568E-01	0.00000E+00
30	-0.56619E-01	-0.15987E-02	0.58168E-01	0.00000E+00
31	-0.67914E-01	-0.20155E-02	0.70562E-01	0.00000E+00
32	-0.77895E-01	-0.19014E-02	0.81669E-01	0.00000E+00
33	-0.67921E-01	-0.20364E-02	0.70696E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.25028E-01	-0.20618E-03	0.25599E-01	0.00000E+00
36	-0.48902E-01	-0.77356E-03	0.49909E-01	0.00000E+00
37	-0.56317E-01	-0.11331E-02	0.57406E-01	0.00000E+00
38	-0.67901E-01	-0.16645E-02	0.70538E-01	0.00000E+00
39	-0.78578E-01	-0.20436E-02	0.83096E-01	0.00000E+00
40	-0.78441E-01	-0.20387E-02	0.82786E-01	0.00000E+00
41	-0.78304E-01	-0.20328E-02	0.82490E-01	0.00000E+00
42	-0.78154E-01	-0.20194E-02	0.82144E-01	0.00000E+00
43	-0.55655E-01	-0.34164E-03	0.54778E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.24144E-01	0.18453E-03	0.23049E-01	0.00000E+00
46	-0.47403E-01	0.12999E-03	0.44849E-01	0.00000E+00
47	-0.78615E-01	-0.20435E-02	0.83175E-01	0.00000E+00
48	-0.78624E-01	-0.20438E-02	0.83199E-01	0.00000E+00
49	-0.67866E-01	-0.15395E-02	0.70364E-01	0.00000E+00
50	-0.78673E-01	-0.20661E-02	0.83457E-01	0.00000E+00
51	-0.66965E-01	-0.77805E-03	0.66355E-01	0.00000E+00
52	-0.76978E-01	-0.21831E-02	0.76266E-01	0.00000E+00
53	-0.78583E-01	-0.20354E-02	0.83101E-01	0.00000E+00
54	-0.54470E-01	-0.11232E-03	0.51444E-01	0.00000E+00
55	-0.65425E-01	-0.63555E-03	0.61893E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.23033E-01	0.60041E-03	0.19543E-01	0.00000E+00
58	-0.45163E-01	0.64106E-03	0.38538E-01	0.00000E+00
59	-0.74396E-01	-0.14132E-02	0.70606E-01	0.00000E+00
60	-0.76252E-01	-0.19673E-02	0.74917E-01	0.00000E+00
61	-0.78687E-01	-0.20825E-02	0.83612E-01	0.00000E+00
62	-0.51905E-01	0.70764E-03	0.44156E-01	0.00000E+00
63	-0.61777E-01	0.44838E-03	0.52573E-01	0.00000E+00
64	-0.77463E-01	-0.22202E-02	0.77474E-01	0.00000E+00
65	-0.78702E-01	-0.20982E-02	0.83764E-01	0.00000E+00
66	-0.78316E-01	-0.21290E-02	0.84069E-01	0.00000E+00
67	-0.73931E-01	-0.21589E-02	0.84380E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.22060E-01	0.69199E-03	0.16127E-01	0.00000E+00
70	-0.42577E-01	0.13923E-02	0.31528E-01	0.00000E+00
71	-0.70747E-01	0.11965E-03	0.60382E-01	0.00000E+00
72	-0.77665E-01	-0.22632E-02	0.76425E-01	0.00000E+00
73	-0.58006E-01	0.14964E-02	0.43071E-01	0.00000E+00
74	-0.80160E-01	-0.24493E-02	0.78913E-01	0.00000E+00
75	-0.79023E-01	-0.21314E-02	0.84670E-01	0.00000E+00
76	-0.79648E-01	-0.22197E-02	0.85195E-01	0.00000E+00
77	-0.66047E-01	0.11356E-02	0.48940E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.21230E-01	0.96245E-03	0.13045E-01	0.00000E+00
80	-0.40109E-01	0.18814E-02	0.24649E-01	0.00000E+00
81	-0.45419E-01	0.23162E-02	0.27972E-01	0.00000E+00
82	-0.53530E-01	0.22222E-02	0.33083E-01	0.00000E+00
83	-0.78797E-01	-0.53289E-03	0.67661E-01	0.00000E+00
84	-0.69534E-01	0.12965E-02	0.45632E-01	0.00000E+00
85	-0.80957E-01	-0.22697E-02	0.85887E-01	0.00000E+00
86	-0.82963E-01	-0.24564E-02	0.81754E-01	0.00000E+00
87	-0.60910E-01	0.20431E-02	0.37947E-01	0.00000E+00
88	-0.81518E-01	-0.16026E-02	0.75075E-01	0.00000E+00
89	-0.82138E-01	-0.23110E-02	0.86559E-01	0.00000E+00
90	-0.45252E-01	0.14538E-02	0.18480E-01	0.00000E+00
91	-0.49213E-01	0.11569E-02	0.19546E-01	0.00000E+00
92	-0.51869E-01	0.83106E-03	0.20432E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.16600E-01	0.00000E+00	0.23308E-02	0.00000E+00
95	-0.30725E-01	0.00000E+00	0.45799E-02	0.00000E+00
96	-0.34121E-01	0.00000E+00	0.51344E-02	0.00000E+00
97	-0.38416E-01	0.00000E+00	0.63442E-02	0.00000E+00
98	-0.40133E-01	0.00000E+00	0.68904E-02	0.00000E+00
99	-0.44118E-01	0.79268E-03	0.13325E-01	0.00000E+00
100	-0.56000E-01	0.86062E-03	0.24808E-01	0.00000E+00
101	-0.76379E-01	0.19985E-03	0.49407E-01	0.00000E+00
102	-0.85241E-01	-0.23548E-02	0.87531E-01	0.00000E+00
103	-0.83484E-01	-0.10090E-02	0.71552E-01	0.00000E+00
104	-0.87689E-01	-0.25454E-02	0.85421E-01	0.00000E+00
105	-0.87640E-01	-0.23936E-02	0.88430E-01	0.00000E+00
106	-0.86748E-01	-0.14356E-02	0.74287E-01	0.00000E+00
107	-0.91311E-01	-0.27540E-02	0.88098E-01	0.00000E+00
108	-0.90067E-01	-0.24100E-02	0.89250E-01	0.00000E+00
109	-0.91873E-01	-0.24182E-02	0.89963E-01	0.00000E+00
110	-0.91189E-01	-0.23168E-02	0.77474E-01	0.00000E+00
111	-0.94044E-01	-0.30378E-02	0.90099E-01	0.00000E+00
112	-0.93379E-01	-0.24129E-02	0.90574E-01	0.00000E+00
113	-0.92834E-01	-0.23928E-02	0.80878E-01	0.00000E+00
114	-0.94473E-01	-0.23924E-02	0.91056E-01	0.00000E+00
115	-0.95256E-01	-0.23649E-02	0.91419E-01	0.00000E+00
116	-0.95634E-01	-0.23332E-02	0.91626E-01	0.00000E+00

117	-0.95191E-01	-0.30718E-02	0.90967E-01	0.00000E+00
118	-0.95653E-01	-0.23170E-02	0.91685E-01	0.00000E+00
119	-0.95636E-01	-0.22838E-02	0.91705E-01	0.00000E+00
120	-0.95863E-01	-0.30664E-02	0.91579E-01	0.00000E+00
121	-0.95565E-01	-0.22357E-02	0.91685E-01	0.00000E+00
122	-0.95561E-01	-0.21944E-02	0.91758E-01	-0.10196E-04
123	-0.95531E-01	-0.21047E-02	0.91813E-01	-0.18581E-04
124	-0.95477E-01	-0.19589E-02	0.91869E-01	-0.28794E-04
125	-0.95379E-01	-0.17416E-02	0.91926E-01	-0.41996E-04
126	-0.95133E-01	-0.12128E-02	0.92021E-01	-0.60807E-04
127	-0.94520E-01	-0.55030E-03	0.92112E-01	-0.69247E-04
128	-0.94146E-01	0.97221E-03	0.92299E-01	-0.64504E-04
129	-0.93631E-01	0.22115E-02	0.92469E-01	-0.46659E-04
130	-0.93296E-01	0.30984E-02	0.92656E-01	-0.22068E-04
131	-0.93253E-01	0.32918E-02	0.92944E-01	0.90516E-05
132	-0.93496E-01	0.25635E-02	0.93207E-01	0.20379E-04
133	-0.93744E-01	0.16892E-02	0.93465E-01	0.17335E-04
134	-0.93880E-01	0.11182E-02	0.93641E-01	0.95104E-05
135	-0.93939E-01	0.84960E-03	0.93801E-01	0.51901E-05
136	-0.93980E-01	0.60902E-03	0.93917E-01	0.64611E-05
137	-0.94007E-01	0.34157E-03	0.93989E-01	0.64993E-05
138	-0.94026E-01	0.53682E-04	0.94027E-01	0.71400E-05
139	-0.94026E-01	0.64872E-05	0.94026E-01	0.65138E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4200E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.46977E-01	-0.22565E-02	0.45637E-01	-0.32693E+01	-0.32386E-01	0.32850E+01
2	0.10978E+00	-0.13190E-01	0.80433E-01	-0.29543E+01	-0.50125E-01	0.29488E+01
3	0.16634E+00	-0.89701E-02	0.65633E-01	-0.24408E+01	-0.26518E-01	0.24477E+01
4	-0.10654E+00	-0.27756E-01	-0.12468E+00	-0.19991E+01	0.58622E-01	0.20512E+01
5	0.93446E-01	0.61709E-02	0.49718E-01	-0.20146E+01	0.45562E-02	0.20549E+01
6	-0.74810E-01	-0.10529E-01	0.10818E-01	-0.20575E+01	0.32376E-01	0.20933E+01
7	-0.74942E-01	-0.43111E-02	0.39424E-03	-0.14871E+01	0.29620E-01	0.14878E+01
8	-0.16248E+00	-0.10000E-01	-0.12802E-01	-0.14870E+01	0.68571E-01	0.15328E+01
9	-0.36495E-01	-0.17193E+00	-0.61904E-01	-0.32138E+01	-0.53820E-02	0.32531E+01
10	-0.24146E-02	-0.20825E+00	-0.23524E-01	-0.29502E+01	0.13138E-02	0.29873E+01
11	0.89697E-02	-0.19262E+00	0.98215E-01	-0.25451E+01	0.58419E-01	0.25823E+01
12	-0.34265E+00	-0.17166E+00	-0.12417E+00	-0.21048E+01	0.15294E+00	0.20908E+01
13	-0.48850E-01	-0.96763E-01	0.52492E-01	-0.21538E+01	0.49000E-01	0.21998E+01
14	-0.29570E+00	-0.12505E+00	-0.29107E-01	-0.22101E+01	0.12001E+00	0.22947E+01
15	-0.34719E+00	-0.50132E-01	-0.55000E-01	-0.15933E+01	0.16340E+00	0.16004E+01
16	-0.42949E+00	-0.46475E-01	-0.38347E-01	-0.16538E+01	0.18990E+00	0.17120E+01
17	-0.16204E-02	-0.15844E+00	-0.35032E-01	-0.31250E+01	-0.31240E-01	0.32194E+01
18	0.74462E-01	-0.22333E+00	0.19053E-01	-0.29245E+01	-0.64207E-01	0.30167E+01
19	0.17033E+00	-0.27152E+00	0.16409E+00	-0.26172E+01	-0.87135E-01	0.27522E+01
20	-0.45954E+00	-0.22178E+00	-0.10712E+00	-0.22633E+01	0.19306E+00	0.22924E+01
21	-0.13163E-01	-0.25059E+00	0.48144E-01	-0.23528E+01	-0.33395E-01	0.25604E+01
22	-0.43575E+00	-0.50434E+00	-0.19284E+00	-0.24484E+01	0.10764E+00	0.27450E+01
23	-0.58568E+00	-0.58150E-01	-0.59990E-01	-0.18460E+01	0.27368E+00	0.19144E+01
24	-0.11691E+01	-0.33789E+00	-0.36306E+00	-0.20058E+01	0.45420E+00	0.20282E+01
25	-0.55716E+00	-0.19898E+00	-0.53421E-01	-0.20805E+01	0.23806E+00	0.23048E+01
26	-0.16624E+01	-0.69039E+00	-0.74386E+00	-0.21967E+01	0.54566E+00	0.25489E+01
27	0.53497E-01	-0.68093E-01	0.16623E-01	-0.30546E+01	-0.57214E-01	0.31573E+01
28	0.15172E+00	-0.14279E+00	0.65617E-01	-0.28636E+01	-0.15018E+00	0.30012E+01
29	0.38659E+00	-0.21624E+00	0.20715E+00	-0.25132E+01	-0.39994E+00	0.28236E+01
30	-0.11177E+00	-0.28444E+00	0.32919E-01	-0.24584E+01	0.38189E-02	0.27408E+01
31	0.12748E+00	-0.35817E+00	0.59319E-01	-0.23513E+01	-0.26669E+00	0.28456E+01
32	-0.15007E+00	-0.40439E+00	-0.54914E-01	-0.22900E+01	-0.15292E+00	0.23896E+01
33	-0.12771E+01	-0.69410E+00	-0.51761E+00	-0.23956E+01	0.34391E+00	0.26784E+01
34	-0.30487E+01	-0.18903E+01	-0.16830E+01	-0.25140E+01	0.74323E+00	0.28975E+01
35	-0.54542E+00	-0.21930E+00	-0.87404E-02	-0.25064E+01	0.24376E+00	0.28967E+01
36	0.25147E+00	0.13681E+00	0.40774E+00	-0.23153E+01	-0.18348E+00	0.29827E+01
37	-0.92123E+00	-0.77889E+00	-0.36711E+00	-0.25764E+01	0.26179E+00	0.30756E+01
38	0.17014E+00	0.10559E+00	0.10307E+00	-0.29913E+01	-0.86758E-01	0.29731E+01
39	0.30792E+00	0.65000E-01	0.12063E+00	-0.28350E+01	-0.25639E+00	0.28211E+01
40	0.47826E+00	-0.15656E+00	0.14240E+00	-0.24972E+01	-0.75427E+00	0.27815E+01
41	0.67629E+00	0.24176E+00	0.19266E+00	-0.26243E+01	-0.67714E+00	0.27257E+01
42	0.91309E+00	0.71069E-01	0.93675E-01	-0.25268E+01	-0.85679E+00	0.24218E+01
43	0.35061E+00	-0.25700E-01	0.22701E+00	-0.23597E+01	-0.43701E+00	0.29018E+01
44	0.63767E+00	0.12085E+00	0.32636E+00	-0.23120E+01	-0.73714E+00	0.25300E+01
45	0.10032E+01	0.30400E+00	0.41872E+00	-0.24268E+01	-0.70176E+00	0.25215E+01
46	0.51329E+00	-0.10602E+00	0.15217E-01	-0.23356E+01	-0.49935E+00	0.22717E+01
47	-0.22206E+00	-0.36017E+00	0.35394E-01	-0.24461E+01	-0.12421E+00	0.31048E+01
48	0.13429E+00	-0.17662E+00	0.27362E+00	-0.25865E+01	-0.19359E+00	0.31342E+01
49	0.37830E+00	-0.16337E+00	0.27448E+00	-0.25284E+01	-0.59021E+00	0.33122E+01
50	0.23213E+01	0.57355E+00	0.12435E+01	-0.21711E+01	-0.16225E+01	0.23176E+01
51	0.50920E+00	0.34435E+00	0.68991E+00	-0.10456E+00	-0.21428E+00	0.61455E+00
52	0.10655E+01	0.39741E+00	0.83999E+00	0.68083E+00	-0.89166E+00	-0.26454E+01
53	0.88432E+00	-0.22344E+00	0.12251E+00	-0.19654E+01	-0.79780E+00	0.20456E+01
54	0.36433E+00	0.37514E+00	0.24775E+00	-0.28681E+01	-0.11082E+00	0.25998E+01

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55	0.52019E+00	0.27506E+00	0.16840E+00	-0.27395E+01	-0.30680E+00	0.24870E+01
56	0.95374E+00	0.18457E+00	-0.59272E-01	-0.24341E+01	-0.84315E+00	0.22284E+01
57	0.84672E+00	0.13882E+00	0.93719E-01	-0.21737E+01	-0.61234E+00	0.20420E+01
58	0.92659E+00	0.54549E-01	0.48759E-01	-0.18302E+01	-0.72414E+00	0.17966E+01
59	0.23230E+00	0.37906E+00	0.20168E+00	-0.28158E+01	0.15309E-01	0.23869E+01
60	0.61263E+00	0.63837E+00	0.39127E+00	-0.26895E+01	-0.21157E+00	0.19657E+01
61	0.49382E+00	0.54120E+00	0.26715E+00	-0.26749E+01	-0.17354E+00	0.19648E+01
62	0.36455E+00	0.60470E+00	0.30667E+00	-0.25948E+01	0.28940E-01	0.15909E+01
63	0.61920E+00	0.44845E+00	0.18496E+00	-0.25750E+01	-0.29584E+00	0.20914E+01
64	0.67501E+00	0.62859E+00	0.21232E+00	-0.23789E+01	-0.25481E+00	0.16369E+01
65	0.10297E+01	0.32013E+00	-0.17418E+00	-0.23622E+01	-0.80536E+00	0.20359E+01
66	0.13051E+01	0.44149E+00	-0.21356E+00	-0.21132E+01	-0.90312E+00	0.16287E+01
67	0.10399E+01	0.63466E+00	-0.30581E+00	-0.18753E+01	-0.69803E+00	0.11789E+01
68	0.10761E+01	0.31002E+00	0.92172E-01	-0.20481E+01	-0.65847E+00	0.18101E+01
69	0.93066E+00	0.36180E+00	-0.26810E-02	-0.19548E+01	-0.51569E+00	0.14972E+01
70	0.13628E+01	0.54635E+00	0.14555E+00	-0.16945E+01	-0.64483E+00	0.10821E+01
71	0.11255E+01	0.24184E+00	0.20503E-02	-0.17534E+01	-0.71302E+00	0.14697E+01
72	0.12959E+01	0.34587E+00	-0.21765E+01	-0.15999E+01	-0.66682E+00	0.11406E+01
73	0.31672E+00	0.35192E+00	0.14280E+00	-0.23208E+01	-0.53695E-01	0.93769E+00
74	0.48247E+00	0.33542E+00	-0.28420E+01	-0.20432E+01	-0.15518E+00	0.84092E+00
75	0.92294E+00	0.32403E+00	-0.53359E+00	-0.16731E+01	-0.43753E+00	0.69423E+00
76	0.11267E+01	0.36354E+00	-0.62895E-01	-0.17907E+01	-0.39673E+00	0.10855E+01
77	0.81016E+00	0.44875E+00	-0.13683E+00	-0.12378E+01	-0.26611E+00	0.40566E+00
78	0.81735E+00	0.22513E+00	-0.25453E+00	-0.99401E+00	-0.28605E+00	0.25816E+00
79	0.13412E+01	0.37239E+00	-0.49125E-01	-0.12645E+01	-0.45276E+00	0.62434E+00
80	0.15189E+01	0.44660E+00	0.48006E-01	-0.89210E+00	-0.31237E+00	0.22066E+00
81	0.78035E+00	0.19647E+00	-0.31837E+00	-0.51026E+00	-0.27263E+00	0.10731E+00
82	0.92803E+00	0.27881E+00	-0.23101E+00	-0.43601E+00	-0.26922E+00	0.11623E+00
83	0.13579E+01	0.23329E+00	-0.14119E+00	-0.77130E+00	-0.29827E+00	0.23777E+00
84	0.16202E+01	0.38690E+00	-0.64201E-02	-0.85331E+00	-0.51120E+00	0.24653E+00
85	0.18567E+01	0.31962E+00	0.45945E-01	-0.12047E+01	-0.64548E+00	0.73996E+00
86	0.18140E+01	0.29519E+00	-0.36450E-01	-0.94663E+00	-0.62565E+00	0.50218E+00
87	0.12515E+01	0.19510E+00	-0.18248E+00	-0.12321E+01	-0.68085E+00	0.72714E+00
88	0.13332E+01	0.20385E+00	-0.26790E-01	-0.13366E+01	-0.85311E+00	0.11553E+01
89	0.14568E+01	0.22939E+00	0.19287E-01	-0.11738E+01	-0.91893E+00	0.10550E+01
90	0.15690E+01	0.17006E+00	-0.10434E+00	-0.83500E+00	-0.97208E+00	0.50900E+00
91	0.17162E+01	0.37268E+00	0.11902E+00	-0.79582E+00	-0.10462E+01	0.75215E+00
92	0.16749E+01	0.32852E+00	0.59966E-01	-0.60897E+00	-0.10373E+01	0.51820E+00
93	0.10513E+01	-0.42887E+00	0.11999E+00	-0.14053E+01	-0.92867E+00	0.16750E+01
94	0.11429E+01	0.12473E+00	0.27254E+00	-0.14181E+01	-0.83948E+00	0.15981E+01
95	0.77502E+00	0.42219E+00	0.30076E+00	-0.10257E+01	-0.79778E+00	0.12002E+01
96	0.99186E+00	0.11271E+00	0.65594E-01	-0.14348E+01	-0.78047E+00	0.13869E+01
97	0.66141E+00	0.26621E+00	0.17274E+00	-0.11699E+01	-0.79057E+00	0.10399E+01
98	0.84089E+00	0.20763E+00	0.50515E-01	-0.99487E+00	-0.73713E+00	0.10102E+01
99	0.86350E+00	-0.81831E-01	-0.16544E+00	-0.11392E+01	-0.73246E+00	0.10719E+01
100	0.70838E+00	-0.26488E-01	-0.12513E+00	-0.84465E+00	-0.72495E+00	0.76992E+00
101	0.88343E+00	0.15794E+00	0.49550E-01	-0.66076E+00	-0.73416E+00	0.59053E+00
102	0.69073E+00	-0.77221E-01	-0.28257E+00	-0.65198E+00	-0.70027E+00	0.58251E+00
103	0.50853E+00	0.12532E+00	-0.13071E+00	-0.25805E+00	-0.64346E+00	0.29320E+00
104	0.54121E+00	0.17896E+00	-0.10264E+00	-0.10341E+00	-0.64115E+00	0.20026E+00
105	0.11710E+01	0.25341E-01	0.43578E+00	-0.12455E+01	-0.11272E+01	0.15513E+01
106	0.18066E+01	0.10777E+01	0.13827E+01	-0.84510E-01	-0.12242E+01	0.72536E+00
107	0.14020E+01	-0.76595E+00	0.10399E+01	-0.65957E+00	-0.11706E+01	0.10966E+01
108	0.11431E+01	0.68471E+00	0.88328E+00	-0.68330E+00	-0.11171E+01	0.11048E+01
109	0.99442E+00	0.55239E+00	0.84165E+00	-0.26771E+00	-0.11147E+01	0.72866E+00
110	0.11339E+00	-0.12963E+00	0.14082E+00	-0.97471E+00	-0.10152E+01	0.11506E+01
111	-0.24729E+00	-0.19156E+00	0.58446E-01	-0.70256E+00	-0.93427E+00	0.62666E+00
112	-0.26806E+00	-0.21075E+00	0.25701E-01	-0.10948E+01	-0.92828E+00	0.62039E+00
113	-0.42422E+00	-0.26640E+00	-0.22144E+00	-0.11636E+01	-0.77159E+00	0.12110E+01
114	-0.53132E+00	-0.37483E+00	-0.17086E+00	-0.97867E+00	-0.71909E+00	0.60512E+00

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115	-0.58035E+00	-0.40435E+00	-0.26446E+00	-0.17007E+01	-0.69690E+00	0.53676E+00
116	-0.20307E+00	-0.22821E+00	-0.19882E+00	-0.12998E+01	-0.52468E+00	0.10514E+01
117	0.58999E-01	-0.23912E-01	0.28431E-01	-0.14283E+01	-0.41255E+00	0.54782E+00
118	0.30207E-02	-0.55637E-01	-0.79790E-01	-0.12268E+01	-0.38643E+00	0.50607E+00
119	0.35004E-01	-0.23144E+00	-0.21816E+00	-0.10134E+01	-0.28739E+00	0.78599E+00
120	0.23919E+00	0.78091E-01	-0.12912E-01	-0.10240E+01	-0.20270E+00	0.45028E+00
121	0.20170E+00	0.55277E-01	-0.83816E-01	-0.86100E+00	-0.18599E+00	0.39464E+00
122	-0.53303E-01	-0.39694E+00	-0.40091E+00	-0.80563E+00	-0.12101E+00	0.60685E+00
123	0.50573E-01	-0.43315E-01	-0.23640E+00	-0.67993E+00	-0.44211E-01	0.32705E+00
124	0.31124E-01	-0.55136E-01	-0.27320E+00	-0.51151E+00	-0.35534E-01	0.26195E+00
125	0.10140E+00	-0.89828E-01	-0.26145E+00	-0.40403E+00	-0.24947E-01	0.30230E+00
126	0.22213E-01	-0.63262E-01	-0.30048E+00	-0.30461E+00	0.12242E-01	0.17746E+00
127	0.19621E-01	-0.64944E-01	-0.30527E+00	-0.12077E+00	0.13345E-01	0.12949E+00
128	-0.23554E+00	-0.26073E+00	-0.47941E+00	-0.19659E+00	0.37415E-01	0.15861E+00
129	-0.54453E+00	-0.41173E+00	-0.66720E+00	-0.74325E-01	0.87397E-01	0.52696E-01
183	0.14165E+01	-0.91335E-01	0.48594E+00	-0.20360E+01	-0.11909E+01	0.23152E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.24860E+00	0.16573E+01	-0.14087E+01	-0.35740E+02	0.83765E+01	0.15771E+02
131	-0.72975E-02	-0.48650E-01	0.41352E-01	-0.82747E+02	0.12201E+02	0.46540E+02
132	0.44536E-01	0.29691E+00	-0.25237E+00	-0.13782E+03	0.20096E+02	0.79560E+02
133	-0.21545E-02	-0.14364E-01	0.12209E-01	-0.19901E+03	0.28591E+02	0.11617E+03
134	0.27852E-02	0.18568E-01	-0.15783E-01	-0.26759E+03	0.38084E+02	0.15985E+03
135	0.74431E-01	0.49621E+00	-0.42177E+00	-0.31732E+03	0.46709E+02	0.19883E+03
136	-0.15742E-01	-0.10494E+00	0.89202E-01	-0.35994E+03	0.50008E+02	0.22588E+03
137	-0.59129E-01	-0.39419E+00	0.33507E+00	-0.35941E+03	0.57670E+02	0.23794E+03
138	0.34162E+00	0.22774E+01	-0.15926E+01	-0.36865E+03	0.12050E+03	0.25679E+03
139	0.15673E+00	0.10449E+01	0.30050E+00	-0.35910E+03	0.24651E+03	0.27087E+03
140	-0.56933E+00	-0.37992E+01	0.32293E+01	-0.45245E+03	0.29891E+03	0.30687E+03
141	-0.56023E+00	-0.37352E+01	0.31749E+01	-0.45232E+03	0.30434E+03	0.32654E+03
142	-0.63291E+00	-0.42188E+01	0.35859E+01	-0.47224E+03	0.30527E+03	0.34669E+03
143	-0.65653E+00	-0.43769E+01	0.37203E+01	0.16452E+03	0.39982E+03	-0.28282E+03
144	-0.76703E+00	-0.51135E+01	0.43465E+01	0.16324E+03	0.39142E+03	-0.26594E+03
145	0.72594E+00	0.48596E+01	-0.39796E+01	-0.73100E+02	0.29442E+03	-0.64870E+03
146	0.30251E+00	0.20167E+01	-0.31430E+01	-0.93557E+02	0.21939E+03	-0.56537E+03
147	0.31117E+00	0.20744E+01	-0.30969E+01	-0.87596E+02	0.22696E+03	-0.55637E+03
148	0.32139E+00	0.21426E+01	0.54107E+00	-0.84055E+02	0.23539E+03	-0.55781E+03
149	0.33343E+00	0.22229E+01	0.49270E+00	-0.79127E+02	0.24541E+03	-0.56853E+03
150	0.33338E+00	0.25592E+01	0.25695E-01	-0.50102E+02	0.26862E+03	-0.55193E+03
151	0.46307E+00	0.30871E+01	0.12607E+02	-0.39961E+02	0.30527E+03	-0.56526E+03
152	0.43360E+00	0.28907E+01	0.22934E+02	-0.41326E+02	0.28526E+03	-0.56002E+03
153	0.38701E+00	0.25800E+01	0.20333E+02	-0.31163E+02	0.25546E+03	-0.54664E+03
154	0.27773E+00	0.18513E+01	0.39395E+02	-0.21520E+02	0.18349E+03	-0.53050E+03
155	0.11919E+00	0.79462E+00	0.32596E+02	-0.32227E+02	0.75284E+02	-0.49517E+03
156	-0.94168E-02	-0.62792E-01	0.27690E+02	-0.19821E+02	-0.93042E+01	-0.45786E+03
157	-0.11287E+00	-0.75248E+00	0.22235E+02	-0.21933E+02	-0.79024E+02	-0.40619E+03
158	-0.19514E+00	-0.13009E+01	0.18456E+02	-0.13987E+02	-0.13327E+03	-0.35614E+03
159	-0.25749E+00	-0.17166E+01	0.13228E+02	-0.31094E+01	-0.17355E+03	-0.29307E+03
160	-0.30022E+00	-0.20014E+01	0.93852E+01	0.55392E+00	-0.20171E+03	-0.23428E+03
161	-0.35424E+00	-0.23653E+01	0.48250E+01	0.29311E+01	-0.22507E+03	-0.16299E+03
162	-0.37092E+00	-0.24723E+01	-0.12853E-01	0.31987E+01	-0.21865E+03	-0.11204E+03
163	-0.42403E+00	-0.28272E+01	-0.52636E+00	0.13671E+02	-0.24848E+03	-0.77094E+02
164	-0.41936E+00	-0.27959E+01	-0.11704E+01	0.24833E+02	-0.24403E+03	-0.50969E+02

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165	-0.21989E+03	-0.33451E+02	-0.74644E-01	-0.95525E+01	-0.24722E+03	-0.39046E+02
166	-0.17761E+03	-0.24867E+02	-0.23637E+01	-0.65987E+01	-0.22976E+03	-0.35889E+02
167	-0.14061E+03	-0.18254E+02	-0.31289E+01	-0.49204E+01	-0.19636E+03	-0.33301E+02
168	-0.10728E+03	-0.13170E+02	-0.31552E+01	-0.32396E+01	-0.16219E+03	-0.31138E+02
169	-0.68456E+02	-0.66254E+01	-0.37735E+01	-0.17245E+01	-0.13965E+03	-0.28748E+02
170	-0.30211E+02	0.39822E+00	-0.49938E+01	-0.25331E-01	-0.12615E+03	-0.26019E+02
171	0.38908E+01	0.70987E+01	-0.56742E+01	0.22361E+01	-0.10165E+03	-0.22174E+02
172	0.31274E+02	0.10004E+02	-0.51196E+01	0.44887E+01	-0.69523E+02	-0.17965E+02
173	0.31247E+02	0.80134E+01	-0.31446E+01	0.56776E+01	-0.40664E+02	-0.14928E+02
174	0.19584E+02	0.39125E+01	-0.89678E+00	0.57815E+01	-0.19747E+02	-0.12631E+02
175	0.46462E+01	0.24284E+00	0.41258E+00	0.45520E+01	-0.12665E+02	-0.11327E+02
176	-0.94722E+00	-0.72131E+00	0.51432E+00	0.33627E+01	-0.14155E+02	-0.10404E+02
177	-0.18334E+01	-0.57380E+00	0.25767E+00	0.23310E+01	-0.15052E+02	-0.85222E+01
178	-0.72271E+00	-0.97206E-01	-0.15222E-01	0.15928E+01	-0.11345E+02	-0.61690E+01
179	0.22250E+00	0.86336E-01	-0.49980E-01	0.13221E+01	-0.80411E+01	-0.43447E+01
180	0.91190E-02	0.27604E-01	-0.24619E-01	0.99466E+00	-0.47077E+01	-0.26208E+01
181	0.72052E-01	0.78390E-01	-0.59468E-01	0.77791E+00	-0.21508E+01	-0.91585E+00
182	-0.27665E+00	-0.12849E+00	0.75642E-01	0.26662E+00	0.50090E+00	0.27134E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.49341E-01	-0.80511E-04	-0.49708E-01	0.00000E+00
3	0.92705E-01	0.51107E-04	-0.92656E-01	0.00000E+00
4	0.10380E+00	0.79534E-04	-0.10353E+00	0.00000E+00
5	0.11915E+00	-0.31174E-04	-0.11913E+00	0.00000E+00
6	0.12970E+00	0.11501E-04	-0.12971E+00	0.00000E+00
7	0.11931E+00	0.11346E-02	-0.11942E+00	0.00000E+00
8	0.13004E+00	0.98564E-03	-0.13016E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.49801E-01	0.66678E-03	-0.48751E-01	0.00000E+00
11	0.91679E-01	0.14809E-02	-0.91989E-01	0.00000E+00
12	0.10325E+00	0.18105E-02	-0.10353E+00	0.00000E+00
13	0.11953E+00	0.18219E-02	-0.11983E+00	0.00000E+00
14	0.13082E+00	0.16744E-02	-0.13139E+00	0.00000E+00
15	0.12031E+00	0.32761E-02	-0.12155E+00	0.00000E+00
16	0.13214E+00	0.28344E-02	-0.13349E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.47756E-01	0.13651E-02	-0.48708E-01	0.00000E+00
19	0.91195E-01	0.32414E-02	-0.92747E-01	0.00000E+00
20	0.10333E+00	0.40443E-02	-0.10502E+00	0.00000E+00
21	0.12112E+00	0.41381E-02	-0.12311E+00	0.00000E+00
22	0.13406E+00	0.33065E-02	-0.13656E+00	0.00000E+00
23	0.12228E+00	0.60734E-02	-0.12546E+00	0.00000E+00
24	0.13666E+00	0.54145E-02	-0.14078E+00	0.00000E+00
25	0.13822E+00	0.69129E-02	-0.14341E+00	0.00000E+00
26	0.13915E+00	0.73811E-02	-0.14498E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.45883E-01	0.16251E-02	-0.47325E-01	0.00000E+00
29	0.89051E-01	0.42602E-02	-0.91415E-01	0.00000E+00
30	0.10220E+00	0.57423E-02	-0.10484E+00	0.00000E+00
31	0.12241E+00	0.72136E-02	-0.12697E+00	0.00000E+00
32	0.14007E+00	0.77846E-02	-0.14664E+00	0.00000E+00
33	0.12224E+00	0.74966E-02	-0.12709E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.45199E-01	0.14043E-02	-0.46410E-01	0.00000E+00
36	0.86069E-01	0.35016E-02	-0.89936E-01	0.00000E+00
37	0.10130E+00	0.51401E-02	-0.10315E+00	0.00000E+00
38	0.12206E+00	0.68944E-02	-0.12666E+00	0.00000E+00
39	0.14129E+00	0.81697E-02	-0.14921E+00	0.00000E+00
40	0.14105E+00	0.81473E-02	-0.14366E+00	0.00000E+00
41	0.14081E+00	0.81252E-02	-0.14813E+00	0.00000E+00
42	0.14054E+00	0.80779E-02	-0.14750E+00	0.00000E+00
43	0.99482E-01	0.36602E-02	-0.97704E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.42661E-01	0.69216E-03	-0.41043E-01	0.00000E+00
46	0.84054E-01	0.20139E-02	-0.79469E-01	0.00000E+00
47	0.14136E+00	0.81698E-02	-0.14934E+00	0.00000E+00
48	0.14138E+00	0.81706E-02	-0.14939E+00	0.00000E+00
49	0.12195E+00	0.66669E-02	-0.12630E+00	0.00000E+00
50	0.14146E+00	0.82227E-02	-0.14981E+00	0.00000E+00
51	0.11984E+00	0.51275E-02	-0.11523E+00	0.00000E+00
52	0.13606E+00	0.82655E-02	-0.13682E+00	0.00000E+00
53	0.14130E+00	0.81450E-02	-0.14918E+00	0.00000E+00
54	0.96793E-01	0.30472E-02	-0.90940E-01	0.00000E+00
55	0.11651E+00	0.46315E-02	-0.10925E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.39933E-01	-0.36437E-03	-0.34051E-01	0.00000E+00
58	0.79054E-01	0.57749E-03	-0.66951E-01	0.00000E+00
59	0.13284E+00	0.65335E-02	-0.12442E+00	0.00000E+00
60	0.13660E+00	0.78177E-02	-0.13296E+00	0.00000E+00
61	0.14149E+00	0.82690E-02	-0.15006E+00	0.00000E+00
62	0.91133E-01	0.94642E-03	-0.76528E-01	0.00000E+00
63	0.10894E+00	0.19091E-02	-0.90930E-01	0.00000E+00
64	0.13893E+00	0.83748E-02	-0.13784E+00	0.00000E+00
65	0.14152E+00	0.83075E-02	-0.15031E+00	0.00000E+00
66	0.14172E+00	0.83835E-02	-0.15081E+00	0.00000E+00
67	0.14193E+00	0.84586E-02	-0.15132E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.37952E-01	-0.71885E-03	-0.27471E-01	0.00000E+00
70	0.73695E-01	-0.14239E-02	-0.53588E-01	0.00000E+00
71	0.12523E+00	0.29991E-02	-0.10420E+00	0.00000E+00
72	0.13919E+00	0.84568E-02	-0.13554E+00	0.00000E+00
73	0.10132E+00	-0.99149E-03	-0.73020E-01	0.00000E+00
74	0.14374E+00	0.89621E-02	-0.13975E+00	0.00000E+00
75	0.14211E+00	0.85173E-02	-0.15179E+00	0.00000E+00
76	0.14323E+00	0.86197E-02	-0.15264E+00	0.00000E+00
77	0.11590E+00	-0.11632E-03	-0.82911E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.36268E-01	-0.15243E-02	-0.21622E-01	0.00000E+00
80	0.68975E-01	-0.29258E-02	-0.40582E-01	0.00000E+00
81	0.78313E-01	-0.35993E-02	-0.45937E-01	0.00000E+00
82	0.92814E-01	-0.32734E-02	-0.54275E-01	0.00000E+00
83	0.14005E+00	0.45622E-02	-0.11650E+00	0.00000E+00
84	0.12221E+00	-0.11169E-02	-0.76020E-01	0.00000E+00
85	0.14559E+00	0.87516E-02	-0.15375E+00	0.00000E+00
86	0.14882E+00	0.91443E-02	-0.14457E+00	0.00000E+00
87	0.10618E+00	-0.28025E-02	-0.62325E-01	0.00000E+00
88	0.14578E+00	0.71019E-02	-0.13119E+00	0.00000E+00
89	0.14772E+00	0.88633E-02	-0.15483E+00	0.00000E+00
90	0.77145E-01	-0.23503E-02	-0.25207E-01	0.00000E+00
91	0.84206E-01	-0.18593E-02	-0.26570E-01	0.00000E+00
92	0.89044E-01	-0.12935E-02	-0.27991E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.27541E-01	0.00000E+00	0.70800E-03	0.00000E+00
95	0.51172E-01	0.00000E+00	0.57963E-03	0.00000E+00
96	0.56923E-01	0.00000E+00	0.43556E-03	0.00000E+00
97	0.64323E-01	0.00000E+00	-0.10328E-02	0.00000E+00
98	0.67299E-01	0.00000E+00	-0.18612E-02	0.00000E+00
99	0.74768E-01	-0.13369E-02	-0.14431E-01	0.00000E+00
100	0.96668E-01	-0.12109E-02	-0.36244E-01	0.00000E+00
101	0.13527E+00	0.93632E-03	-0.82432E-01	0.00000E+00
102	0.15332E+00	0.89916E-02	-0.15638E+00	0.00000E+00
103	0.14874E+00	0.55754E-02	-0.12300E+00	0.00000E+00
104	0.15740E+00	0.95197E-02	-0.15071E+00	0.00000E+00
105	0.15799E+00	0.91000E-02	-0.15779E+00	0.00000E+00
106	0.15494E+00	0.64736E-02	-0.12755E+00	0.00000E+00
107	0.16394E+00	0.10000E-01	-0.15510E+00	0.00000E+00
108	0.16199E+00	0.91605E-02	-0.15907E+00	0.00000E+00
109	0.16521E+00	0.91952E-02	-0.16015E+00	0.00000E+00
110	0.16354E+00	0.78986E-02	-0.13274E+00	0.00000E+00
111	0.16393E+00	0.10524E-01	-0.15830E+00	0.00000E+00
112	0.16783E+00	0.91982E-02	-0.16105E+00	0.00000E+00
113	0.16662E+00	0.82048E-02	-0.13916E+00	0.00000E+00
114	0.16980E+00	0.91613E-02	-0.16172E+00	0.00000E+00
115	0.17113E+00	0.91051E-02	-0.16218E+00	0.00000E+00
116	0.17174E+00	0.90303E-02	-0.16235E+00	0.00000E+00

351

5622

000354

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352

117	0.17097E+00	0.10423E-01	-0.15952E+00	0.00000E+00
118	0.17176E+00	0.89896E-02	-0.16236E+00	0.00000E+00
119	0.17167E+00	0.89109E-02	-0.16222E+00	0.00000E+00
120	0.17220E+00	0.10177E-01	-0.16025E+00	0.00000E+00
121	0.17147E+00	0.87935E-02	-0.16198E+00	0.00000E+00
122	0.17145E+00	0.86857E-02	-0.16214E+00	0.26864E-04
123	0.17138E+00	0.84495E-02	-0.16225E+00	0.49262E-04
124	0.17123E+00	0.80626E-02	-0.16236E+00	0.76839E-04
125	0.17097E+00	0.74818E-02	-0.16247E+00	0.11291E-03
126	0.17029E+00	0.60540E-02	-0.16265E+00	0.16522E-03
127	0.16944E+00	0.42484E-02	-0.16283E+00	0.18978E-03
128	0.16756E+00	0.35089E-04	-0.16318E+00	0.18091E-03
129	0.16608E+00	-0.34856E-02	-0.16350E+00	0.13508E-03
130	0.16506E+00	-0.51318E-02	-0.16385E+00	0.69691E-04
131	0.16475E+00	-0.71594E-02	-0.16438E+00	-0.12162E-04
132	0.16523E+00	-0.57296E-02	-0.16486E+00	-0.42758E-04
133	0.16575E+00	-0.38802E-02	-0.16530E+00	-0.36470E-04
134	0.16603E+00	-0.26596E-02	-0.16566E+00	-0.20707E-04
135	0.16617E+00	-0.20073E-02	-0.16595E+00	-0.12929E-04
136	0.16626E+00	-0.14170E-02	-0.16616E+00	-0.14821E-04
137	0.16632E+00	-0.79307E-03	-0.16629E+00	-0.14872E-04
138	0.16635E+00	-0.12206E-03	-0.16636E+00	-0.15983E-04
139	0.16636E+00	-0.14881E-04	-0.16636E+00	-0.14926E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4300E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.29000E-01	0.83906E-01	-0.12027E-01	0.60261E+01	0.48681E-01	-0.60393E+01
2	-0.13967E+00	0.80217E-01	-0.64354E-01	0.53657E+01	0.76506E-01	-0.53478E+01
3	-0.27662E+00	0.64498E-01	-0.77278E-01	0.43611E+01	0.56368E-01	-0.43711E+01
4	0.20108E+00	0.98148E-01	0.21220E+00	0.35368E+01	-0.85648E-01	-0.35925E+01
5	-0.16146E+00	0.19639E-01	-0.76939E-01	0.35749E+01	0.74194E-02	-0.36244E+01
6	0.15487E+00	0.78457E-01	0.23987E-01	0.36510E+01	-0.49090E-01	-0.37033E+01
7	0.13395E+00	0.18211E-01	0.66856E-02	0.25792E+01	-0.48675E-01	-0.25777E+01
8	0.23070E+00	0.32034E-01	0.31955E-01	0.25924E+01	-0.11457E+00	-0.26693E+01
9	0.21123E+00	0.53939E+00	0.26808E+00	0.59273E+01	0.13158E-01	-0.59817E+01
10	0.13082E+00	0.59173E+00	0.19761E+00	0.53811E+01	0.53724E-02	-0.54196E+01
11	0.11149E-01	0.51886E+00	-0.81102E-01	0.46135E+01	-0.79430E-01	-0.46353E+01
12	0.66909E+00	0.39202E+00	0.29346E+00	0.37894E+01	-0.26425E+00	-0.37094E+01
13	0.87948E-01	0.22478E+00	-0.54819E-01	0.38892E+01	-0.70347E-01	-0.39260E+01
14	0.63031E+00	0.38035E+00	0.17831E+00	0.40090E+01	-0.20043E+00	-0.41067E+01
15	0.62313E+00	0.11218E+00	0.11951E+00	0.28269E+01	-0.28239E+00	-0.29075E+01
16	0.76346E+00	0.98470E-01	0.89286E-01	0.29414E+01	-0.32619E+00	-0.30265E+01
17	0.23474E+00	0.74128E+00	0.33935E+00	0.57322E+01	0.70324E-01	-0.58914E+01
18	0.25855E-02	0.85663E+00	0.20911E+00	0.53408E+01	0.15034E+00	-0.54656E+01
19	-0.42420E+00	0.90744E+00	-0.18174E+00	0.48405E+01	0.23940E+00	-0.49754E+01
20	0.95747E+00	0.57903E+00	0.34787E+00	0.42027E+01	-0.32919E+00	-0.41166E+01
21	0.66779E-01	0.78488E+00	0.87940E-01	0.43770E+01	0.10607E+00	-0.46375E+01
22	0.97746E+00	0.15677E+01	0.71048E+00	0.45796E+01	-0.15499E+00	-0.49946E+01
23	0.11199E+01	0.21892E+00	0.20440E+00	0.33818E+01	-0.47524E+00	-0.34192E+01
24	0.22047E+01	0.78350E+00	0.78787E+00	0.37643E+01	-0.80289E+00	-0.36485E+01
25	0.11433E+01	0.81740E+00	0.35903E+00	0.38695E+01	-0.39866E+00	-0.41723E+01
26	0.36082E+01	0.26031E+01	0.20036E+01	0.42343E+01	-0.96652E+00	-0.46371E+01
27	0.16587E+00	0.71971E+00	0.31753E+00	0.55397E+01	0.12532E+00	-0.57465E+01
28	-0.13069E+00	0.88277E+00	0.18485E+00	0.51766E+01	0.32764E+00	-0.54210E+01
29	-0.95886E+00	0.97648E+00	-0.26787E+00	0.45822E+01	0.86302E+00	-0.51130E+01
30	0.25621E+00	0.10760E+01	0.20230E+00	0.45326E+01	0.50993E-01	-0.49936E+01
31	-0.91405E-01	0.13149E+01	0.24150E+00	0.42746E+01	0.56628E+00	-0.51852E+01
32	0.45379E+00	0.14313E+01	0.46384E+00	0.41426E+01	0.35447E+00	-0.52733E+01
33	0.26531E+01	0.20653E+01	0.14163E+01	0.43831E+01	-0.58632E+00	-0.48781E+01
34	0.60685E+01	0.43065E+01	0.36388E+01	0.45454E+01	-0.13447E+01	-0.52923E+01
35	0.15895E+01	0.13165E+01	0.64261E+00	0.44958E+01	-0.43361E+00	-0.52892E+01
36	-0.36528E+00	0.31060E+00	-0.46314E+00	0.41939E+01	0.40841E+00	-0.54516E+01
37	0.22277E+01	0.22645E+01	0.12843E+01	0.46566E+01	-0.46616E+00	-0.56379E+01
38	-0.12919E-01	0.42111E+00	0.16889E+00	0.53443E+01	0.18602E+00	-0.53547E+01
39	-0.48658E+00	0.50706E+00	0.83277E-01	0.50618E+01	0.53928E+00	-0.50471E+01
40	-0.10869E+01	0.91223E+00	-0.12563E+00	0.44357E+01	0.15552E+01	-0.50288E+01
41	-0.14666E+01	0.21032E+00	-0.22339E+00	0.46703E+01	0.14076E+01	-0.48916E+01
42	-0.18490E+01	0.41570E+00	-0.48691E-01	0.44992E+01	0.17489E+01	-0.43106E+01
43	-0.51884E+00	0.70610E+00	-0.88993E-01	0.42235E+01	0.89730E+00	-0.52898E+01
44	-0.10589E+01	0.34339E+00	-0.30806E+00	0.41311E+01	0.14739E+01	-0.45732E+01
45	-0.17168E+01	0.20418E-01	-0.45758E+00	0.43288E+01	0.14083E+01	-0.45474E+01
46	-0.37584E+00	0.70122E+00	0.22600E+00	0.41715E+01	0.10145E+01	-0.40480E+01
47	0.66605E+00	0.13092E+01	0.32105E+00	0.44089E+01	0.28324E+00	-0.56907E+01
48	0.31296E+00	0.11727E+01	0.86252E-01	0.46697E+01	0.37042E+00	-0.57524E+01
49	-0.42490E+00	0.10073E+01	-0.10039E+00	0.45656E+01	0.11685E+01	-0.61004E+01
50	-0.40741E+01	-0.50378E+00	-0.19446E+01	0.39053E+01	0.31468E+01	-0.42008E+01
51	-0.77486E+00	-0.38669E+00	-0.10739E+01	0.18873E+00	0.40658E+00	-0.11282E+01
52	-0.22720E+01	-0.99762E+00	-0.17201E+01	-0.14201E+01	0.17351E+01	0.52587E+01
53	-0.15625E+01	0.87101E+00	0.39333E-01	0.35266E+01	0.15784E+01	-0.36644E+01
54	-0.40423E+00	-0.16409E+00	-0.14622E+00	0.50087E+01	0.22739E+00	-0.45904E+01

55	-0.77316E+00	0.70234E-01	-0.19586E-01	0.48289E+01	0.62195E+00	-0.43701E+01
56	-0.19202E+01	0.15750E+00	0.21726E+00	0.42904E+01	0.16830E+01	-0.39095E+01
57	-0.15039E+01	0.19544E+00	0.61043E-01	0.38561E+01	0.12098E+01	-0.35921E+01
58	-0.16553E+01	0.30999E+00	0.16127E+00	0.32631E+01	0.14205E+01	-0.31543E+01
59	-0.75074E-01	-0.16414E+00	-0.23542E-01	0.48807E+01	-0.25766E-01	-0.41602E+01
60	-0.95266E+00	-0.83779E+00	-0.52679E+00	0.46125E+01	0.41491E+00	-0.33531E+01
61	-0.71873E+00	-0.64755E+00	-0.28514E+00	0.45795E+01	0.33562E+00	-0.33492E+01
62	-0.53803E+00	-0.91069E+00	-0.43450E+00	0.44328E+01	-0.51789E-01	-0.26372E+01
63	-0.93714E+00	-0.36983E+00	-0.88923E-01	0.44837E+01	0.57628E+00	-0.36004E+01
64	-0.11234E+01	-0.91127E+00	-0.25367E+00	0.40985E+01	0.49131E+00	-0.27368E+01
65	-0.19328E+01	-0.90289E-01	0.45950E+00	0.41352E+01	0.15497E+01	-0.35123E+01
66	-0.24492E+01	-0.49759E+00	0.48112E+00	0.37101E+01	0.17183E+01	-0.27708E+01
67	-0.19357E+01	-0.10449E+01	0.39286E+00	0.32033E+01	0.13357E+01	-0.19073E+01
68	-0.18638E+01	-0.12683E+00	0.86726E-01	0.36053E+01	0.12368E+01	-0.31301E+01
69	-0.16502E+01	-0.39461E+00	0.15717E+00	0.33992E+01	0.97744E+00	-0.25372E+01
70	-0.24828E+01	-0.86712E+00	-0.17912E+00	0.29440E+01	0.12100E+01	-0.17738E+01
71	-0.20418E+01	-0.14720E+00	0.18348E+00	0.30834E+01	0.13203E+01	-0.25234E+01
72	-0.23092E+01	-0.43814E+00	0.19304E+00	0.28116E+01	0.12429E+01	-0.19205E+01
73	-0.51241E+00	-0.53872E+00	-0.18231E+00	0.39134E+01	0.11964E+00	-0.12750E+01
74	-0.82595E+00	-0.51085E+00	0.14835E+00	0.34836E+01	0.33805E+00	-0.11577E+01
75	-0.16893E+01	-0.49933E+00	0.10949E+01	0.28871E+01	0.93113E+00	-0.98228E+00
76	-0.19975E+01	-0.49836E+00	0.25743E+00	0.31818E+01	0.81111E+00	-0.17730E+01
77	-0.14867E+01	-0.79870E+00	0.32521E+00	0.21416E+01	0.56210E+00	-0.51371E+00
78	-0.14486E+01	-0.33740E+00	0.60513E+00	0.17041E+01	0.57630E+00	-0.31173E+00
79	-0.24592E+01	-0.61962E+00	0.18067E+00	0.22532E+01	0.90013E+00	-0.99269E+00
80	-0.27637E+01	-0.80311E+00	0.11130E-01	0.15781E+01	0.61050E+00	-0.27853E+00
81	-0.14246E+01	-0.35090E+00	0.67861E+00	0.88686E+00	0.55156E+00	-0.10600E+00
82	-0.16442E+01	-0.42754E+00	0.57537E+00	0.75366E+00	0.52239E+00	-0.17595E+00
83	-0.24504E+01	-0.38831E+00	0.37949E+00	0.13923E+01	0.58295E+00	-0.38120E+00
84	-0.30099E+01	-0.72215E+00	0.72631E-01	0.15177E+01	0.99137E+00	-0.38170E+00
85	-0.33710E+01	-0.42701E+00	0.70279E-01	0.21357E+01	0.12278E+01	-0.12363E+01
86	-0.33629E+01	-0.50086E+00	0.16446E+00	0.17638E+01	0.11847E+01	-0.86304E+00
87	-0.23792E+01	-0.40378E+00	0.35058E+00	0.21930E+01	0.12614E+01	-0.12471E+01
88	-0.24178E+01	-0.13973E+00	0.24712E+00	0.23705E+01	0.15451E+01	-0.19869E+01
89	-0.26004E+01	-0.18473E+00	0.21776E+00	0.20583E+01	0.16431E+01	-0.18046E+01
90	-0.28993E+01	-0.24932E+00	0.32972E+00	0.14715E+01	0.17234E+01	-0.89291E+00
91	-0.30932E+01	-0.54731E+00	0.22044E-01	0.13889E+01	0.18551E+01	-0.12956E+01
92	-0.30706E+01	-0.56376E+00	0.95090E-01	0.10603E+01	0.18079E+01	-0.89171E+00
93	-0.18665E+01	0.12151E+01	0.57764E-01	0.25159E+01	0.18157E+01	-0.29693E+01
94	-0.20840E+01	0.12536E+00	-0.26076E+00	0.25272E+01	0.16378E+01	-0.23372E+01
95	-0.14125E+01	-0.47978E+00	-0.30438E+00	0.18016E+01	0.15638E+01	-0.21379E+01
96	-0.17852E+01	0.12847E+00	0.14858E+00	0.25619E+01	0.15207E+01	-0.24152E+01
97	-0.12258E+01	-0.23768E+00	-0.80173E-01	0.20583E+01	0.15448E+01	-0.18462E+01
98	-0.15148E+01	-0.15879E+00	0.16666E+00	0.17601E+01	0.14376E+01	-0.17821E+01
99	-0.16222E+01	0.32434E+00	0.51223E+00	0.20461E+01	0.14211E+01	-0.18590E+01
100	-0.12651E+01	0.21455E+00	0.49432E+00	0.14920E+01	0.14045E+01	-0.13594E+01
101	-0.15642E+01	-0.15236E+00	0.19021E+00	0.11305E+01	0.14130E+01	-0.10472E+01
102	-0.11284E+01	0.26327E+00	0.86213E+00	0.11777E+01	0.13247E+01	-0.10169E+01
103	-0.77419E+00	-0.15217E+00	0.57544E+00	0.37947E+00	0.12375E+01	-0.52857E+00
104	-0.86742E+00	-0.31003E+00	0.50021E+00	0.11383E+00	0.12285E+01	-0.36590E+00
105	-0.20865E+01	0.35738E+00	-0.53784E+00	0.22390E+01	0.22162E+01	-0.27419E+01
106	-0.33780E+01	-0.12437E+01	-0.24647E+01	0.12268E+00	0.23847E+01	-0.13127E+01
107	-0.25356E+01	-0.11229E+01	-0.17260E+01	0.11587E+01	0.22877E+01	-0.19430E+01
108	-0.20712E+01	-0.98116E+00	-0.14483E+01	0.12000E+01	0.21931E+01	-0.19597E+01
109	-0.19094E+01	-0.89723E+00	-0.14718E+01	0.46141E+00	0.21921E+01	-0.13178E+01
110	-0.16696E+00	0.53703E+00	-0.47766E-01	0.17591E+01	0.20114E+01	-0.20470E+01
111	0.35393E+00	0.43653E+00	-0.39230E-01	0.12585E+01	0.18729E+01	-0.11346E+01
112	0.39015E+00	0.46524E+00	0.22724E-01	0.19690E+01	0.18601E+01	-0.11242E+01
113	0.85921E+00	0.82045E+00	0.67397E+00	0.21059E+01	0.15691E+01	-0.21723E+01
114	0.88980E+00	0.77237E+00	0.40532E+00	0.17665E+01	0.14814E+01	-0.10989E+01

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115	0.97635E+00	0.81637E+00	0.57321E+00	0.30736E+01	0.14385E+01	-0.10668E+01
116	0.48246E+00	0.74382E+00	0.66530E+00	0.23678E+01	0.11204E+01	-0.18830E+01
117	-0.11742E+00	0.16028E+00	0.10725E+00	0.25831E+01	0.92642E+00	-0.99935E+00
118	-0.20444E-01	0.20539E+00	0.30458E+00	0.22225E+01	0.87624E+00	-0.92500E+00
119	0.35513E-01	0.65235E+00	0.68396E+00	0.18546E+01	0.68856E+00	-0.14146E+01
120	-0.38453E+00	-0.52176E-02	0.23991E+00	0.18530E+01	0.54320E+00	-0.82601E+00
121	-0.32160E+00	0.23446E-01	0.36853E+00	0.15583E+01	0.51033E+00	-0.72629E+00
122	0.22348E+00	0.90286E+00	0.10356E+01	0.14956E+01	0.38151E+00	-0.11021E+01
123	0.79024E-01	0.27214E+00	0.74151E+00	0.12211E+01	0.24892E+00	-0.60501E+00
124	0.10881E+00	0.28109E+00	0.80703E+00	0.90734E+00	0.23106E+00	-0.48791E+00
125	-0.77376E-01	0.18950E+00	0.73280E+00	0.73723E+00	0.19692E+00	-0.56765E+00
126	0.21799E+00	0.34437E+00	0.92620E+00	0.51793E+00	0.13319E+00	-0.33397E+00
127	0.21825E+00	0.33724E+00	0.93398E+00	0.21194E+00	0.12943E+00	-0.24672E+00
128	0.64841E+00	0.59162E+00	0.12196E+01	0.34265E+00	0.72159E-01	-0.30703E+00
129	0.13772E+01	0.10529E+01	0.16996E+01	0.78583E-01	-0.25370E-01	-0.10148E+00
183	-0.25119E+01	0.65798E+00	-0.60237E+00	0.36703E+01	0.23430E+01	-0.41900E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.51536E+00	-0.34357E+01	0.29204E+01	0.60368E+02	-0.14502E+02	-0.26877E+02
131	-0.51203E-01	-0.34135E+00	0.29015E+00	0.14139E+03	-0.21598E+02	-0.79932E+02
132	-0.17580E+00	-0.11720E+01	0.99617E+00	0.23781E+03	-0.35164E+02	-0.13738E+03
133	-0.76312E-01	-0.50875E+00	0.43244E+00	0.34653E+03	-0.49419E+02	-0.20193E+03
134	-0.16165E+00	-0.10777E+01	0.91602E+00	0.46991E+03	-0.65204E+02	-0.27979E+03
135	-0.33167E+00	-0.22111E+01	0.18795E+01	0.56333E+03	-0.79090E+02	-0.35022E+03
136	-0.12963E+00	-0.86419E+00	0.73456E+00	0.64005E+03	-0.84444E+02	-0.39964E+03
137	-0.89576E-01	-0.59717E+00	0.50760E+00	0.62938E+03	-0.99580E+02	-0.42137E+03
138	-0.61139E+00	-0.40759E+01	0.28748E+01	0.64883E+03	-0.20905E+03	-0.45574E+03
139	0.38592E+00	0.25728E+01	-0.42651E+01	0.62369E+03	-0.43054E+03	-0.48066E+03
140	0.22896E+01	0.15264E+02	-0.12975E+02	0.80402E+03	-0.52133E+03	-0.54626E+03
141	0.21973E+01	0.14649E+02	-0.12452E+02	0.80518E+03	-0.55087E+03	-0.58198E+03
142	0.25296E+01	0.16865E+02	-0.14335E+02	0.84601E+03	-0.53176E+03	-0.61947E+03
143	0.25986E+01	0.17324E+02	-0.14725E+02	-0.31429E+03	-0.70389E+03	0.53743E+03
144	0.29232E+01	0.19488E+02	-0.16565E+02	-0.30712E+03	-0.68726E+03	0.50763E+03
145	-0.12738E+01	-0.84922E+01	0.34687E+01	0.23094E+03	-0.49902E+03	0.11913E+04
146	-0.52700E+00	-0.35133E+01	0.49425E+01	0.25666E+03	-0.36815E+03	0.10290E+04
147	-0.54104E+00	-0.36069E+01	0.48668E+01	0.24166E+03	-0.38123E+03	0.10138E+04
148	-0.55712E+00	-0.37142E+01	-0.17189E+01	0.23527E+03	-0.39460E+03	0.10165E+04
149	-0.57565E+00	-0.38377E+01	-0.16570E+01	0.22926E+03	-0.40980E+03	0.10353E+04
150	-0.66026E+00	-0.44017E+01	-0.85455E+00	0.16826E+03	-0.44971E+03	0.10068E+04
151	-0.79042E+00	-0.52695E+01	-0.23737E+02	0.15339E+03	-0.50829E+03	0.10307E+04
152	-0.72712E+00	-0.48475E+01	-0.42438E+02	0.15189E+03	-0.46597E+03	0.10224E+04
153	-0.63165E+00	-0.42110E+01	-0.37607E+02	0.12699E+03	-0.40553E+03	0.99943E+03
154	-0.42035E+00	-0.28023E+01	-0.72111E+02	0.10374E+03	-0.26699E+03	0.97165E+03
155	-0.11817E+00	-0.78779E+00	-0.59418E+02	0.11207E+03	-0.62619E+02	0.90916E+03
156	0.12889E+00	0.85923E+00	-0.50641E+02	0.82656E+02	0.99031E+02	0.84303E+03
157	0.32988E+00	0.21992E+01	-0.40512E+02	0.73821E+02	0.23281E+03	0.75076E+03
158	0.49172E+00	0.32782E+01	-0.33673E+02	0.54237E+02	0.33866E+03	0.66121E+03
159	0.61673E+00	0.41115E+01	-0.23965E+02	0.21217E+02	0.41773E+03	0.54797E+03
160	0.70469E+00	0.46980E+01	-0.16769E+02	0.82342E+01	0.47491E+03	0.44219E+03
161	0.83753E+00	0.55836E+01	-0.85548E+01	-0.76236E+01	0.52609E+03	0.31394E+03
162	0.87371E+00	0.58247E+01	-0.59064E+00	-0.13125E+02	0.51420E+03	0.22199E+03
163	0.10121E+01	0.67474E+01	0.36587E+00	-0.31769E+02	0.59316E+03	0.15757E+03
164	0.10172E+01	0.67812E+01	0.21907E+01	-0.61276E+02	0.59173E+03	0.10783E+03

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165	0.57965E+03	0.90061E+02	-0.15557E+01	0.30517E+02	0.60655E+03	0.85488E+02
166	0.47466E+03	0.67944E+02	0.48445E+01	0.22750E+02	0.56469E+03	0.75836E+02
167	0.37981E+03	0.50367E+02	0.73917E+01	0.18210E+02	0.48341E+03	0.69523E+02
168	0.29321E+03	0.36701E+02	0.78883E+01	0.13650E+02	0.39977E+03	0.64193E+02
169	0.19049E+03	0.19138E+02	0.97677E+01	0.94434E+01	0.34414E+03	0.58240E+02
170	0.98084E+02	0.18741E+00	0.13178E+02	0.46704E+01	0.30963E+03	0.51419E+02
171	-0.17333E+02	-0.18101E+02	0.15233E+02	-0.17482E+01	0.24578E+03	0.41860E+02
172	-0.80387E+02	-0.26622E+02	0.14009E+02	-0.83219E+01	0.16072E+03	0.31567E+02
173	-0.83227E+02	-0.21825E+02	0.88063E+01	-0.12044E+02	0.84752E+02	0.24461E+02
174	-0.51596E+02	-0.10862E+02	0.28527E+01	-0.12919E+02	0.29552E+02	0.19746E+02
175	-0.12620E+02	-0.11241E+01	-0.71687E+00	-0.10207E+02	0.13513E+02	0.17926E+02
176	0.19514E+01	0.14535E+01	-0.10421E+01	-0.74244E+01	0.19261E+02	0.16956E+02
177	0.36884E+01	0.11228E+01	-0.49766E+00	-0.51640E+01	0.23014E+02	0.14061E+02
178	0.13059E+01	0.12313E+00	0.85482E-02	-0.35612E+01	0.17751E+02	0.10194E+02
179	-0.33166E+00	-0.13069E+00	0.75052E-01	-0.28497E+01	0.12623E+02	0.71938E+01
180	-0.14427E-01	-0.51884E-01	0.45472E-01	-0.20639E+01	0.73838E+01	0.43451E+01
181	-0.12278E+00	-0.12163E+00	0.90333E-01	-0.14634E+01	0.33663E+01	0.15393E+01
182	0.46694E+00	0.21686E+00	-0.12767E+00	-0.44438E+00	-0.74281E+00	-0.19765E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4400E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.44440E-01	0.76354E-04	0.44779E-01	0.00000E+00
3	-0.83966E-01	0.72921E-05	0.83900E-01	0.00000E+00
4	-0.94237E-01	-0.15037E-04	0.93981E-01	0.00000E+00
5	-0.10862E+00	0.47251E-04	0.10860E+00	0.00000E+00
6	-0.11866E+00	-0.11829E-04	0.11866E+00	0.00000E+00
7	-0.10879E+00	-0.10483E-02	0.10894E+00	0.00000E+00
8	-0.11898E+00	-0.91307E-03	0.11912E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.44171E-01	-0.65196E-03	0.44211E-01	0.00000E+00
11	-0.83432E-01	-0.14143E-02	0.83635E-01	0.00000E+00
12	-0.93867E-01	-0.17278E-02	0.94241E-01	0.00000E+00
13	-0.10905E+00	-0.17539E-02	0.10943E+00	0.00000E+00
14	-0.11973E+00	-0.16263E-02	0.12034E+00	0.00000E+00
15	-0.10983E+00	-0.32749E-02	0.11115E+00	0.00000E+00
16	-0.12099E+00	-0.28648E-02	0.12241E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.43261E-01	-0.14020E-02	0.44322E-01	0.00000E+00
19	-0.82889E-01	-0.33129E-02	0.84604E-01	0.00000E+00
20	-0.94034E-01	-0.41373E-02	0.95905E-01	0.00000E+00
21	-0.11065E+00	-0.42642E-02	0.11278E+00	0.00000E+00
22	-0.12283E+00	-0.39670E-02	0.12542E+00	0.00000E+00
23	-0.11179E+00	-0.63999E-02	0.11514E+00	0.00000E+00
24	-0.12531E+00	-0.58299E-02	0.12955E+00	0.00000E+00
25	-0.12681E+00	-0.74813E-02	0.13211E+00	0.00000E+00
26	-0.12770E+00	-0.80352E-02	0.13364E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.41392E-01	-0.17655E-02	0.43154E-01	0.00000E+00
29	-0.80745E-01	-0.45964E-02	0.83593E-01	0.00000E+00
30	-0.92892E-01	-0.61785E-02	0.96004E-01	0.00000E+00
31	-0.11184E+00	-0.77881E-02	0.11672E+00	0.00000E+00
32	-0.12858E+00	-0.85525E-02	0.13525E+00	0.00000E+00
33	-0.11165E+00	-0.81167E-02	0.11687E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.40679E-01	-0.15584E-02	0.42306E-01	0.00000E+00
36	-0.79725E-01	-0.41933E-02	0.82234E-01	0.00000E+00
37	-0.91967E-01	-0.56547E-02	0.94469E-01	0.00000E+00
38	-0.11144E+00	-0.75607E-02	0.11650E+00	0.00000E+00
39	-0.12976E+00	-0.89523E-02	0.13777E+00	0.00000E+00
40	-0.12952E+00	-0.89282E-02	0.13723E+00	0.00000E+00
41	-0.12929E+00	-0.89036E-02	0.13672E+00	0.00000E+00
42	-0.12903E+00	-0.88531E-02	0.13609E+00	0.00000E+00
43	-0.90102E-01	-0.42020E-02	0.89380E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.38069E-01	-0.85592E-03	0.37342E-01	0.00000E+00
46	-0.75647E-01	-0.24142E-02	0.72521E-01	0.00000E+00
47	-0.12982E+00	-0.89523E-02	0.13790E+00	0.00000E+00
48	-0.12983E+00	-0.89532E-02	0.13795E+00	0.00000E+00
49	-0.11132E+00	-0.73423E-02	0.11616E+00	0.00000E+00
50	-0.12992E+00	-0.90145E-02	0.13833E+00	0.00000E+00
51	-0.10921E+00	-0.58090E-02	0.10858E+00	0.00000E+00
52	-0.12657E+00	-0.89983E-02	0.12606E+00	0.00000E+00
53	-0.12976E+00	-0.89256E-02	0.13776E+00	0.00000E+00
54	-0.87450E-01	-0.35499E-02	0.83102E-01	0.00000E+00
55	-0.10593E+00	-0.52532E-02	0.10018E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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358

57	-0.35328E-01	0.27298E-03	0.30873E-01	0.00000E+00
58	-0.70725E-01	-0.85951E-03	0.60965E-01	0.00000E+00
59	-0.12146E+00	-0.72475E-02	0.11443E+00	0.00000E+00
60	-0.12514E+00	-0.85534E-02	0.12241E+00	0.00000E+00
61	-0.12994E+00	-0.90564E-02	0.13857E+00	0.00000E+00
62	-0.31867E-01	-0.13360E-02	0.69793E-01	0.00000E+00
63	-0.98505E-01	-0.24395E-02	0.83196E-01	0.00000E+00
64	-0.12740E+00	-0.91174E-02	0.12701E+00	0.00000E+00
65	-0.12997E+00	-0.90964E-02	0.13880E+00	0.00000E+00
66	-0.13017E+00	-0.91755E-02	0.13927E+00	0.00000E+00
67	-0.13037E+00	-0.92540E-02	0.13975E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.33479E-01	0.68645E-03	0.24789E-01	0.00000E+00
70	-0.65490E-01	0.12704E-02	0.48535E-01	0.00000E+00
71	-0.11395E+00	-0.36802E-02	0.95603E-01	0.00000E+00
72	-0.12762E+00	-0.92008E-02	0.12484E+00	0.00000E+00
73	-0.91069E-01	0.65142E-03	0.66602E-01	0.00000E+00
74	-0.13200E+00	-0.97449E-02	0.12878E+00	0.00000E+00
75	-0.13053E+00	-0.93159E-02	0.14019E+00	0.00000E+00
76	-0.13161E+00	-0.94251E-02	0.14097E+00	0.00000E+00
77	-0.10486E+00	-0.32832E-03	0.75960E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.31871E-01	0.13596E-02	0.19299E-01	0.00000E+00
80	-0.61015E-01	0.29136E-02	0.36446E-01	0.00000E+00
81	-0.69474E-01	0.35318E-02	0.41347E-01	0.00000E+00
82	-0.82896E-01	0.31116E-02	0.49119E-01	0.00000E+00
83	-0.12524E+00	-0.53732E-02	0.10719E+00	0.00000E+00
84	-0.11088E+00	0.68354E-03	0.69824E-01	0.00000E+00
85	-0.13388E+00	-0.95657E-02	0.14200E+00	0.00000E+00
86	-0.13691E+00	-0.99809E-02	0.13333E+00	0.00000E+00
87	-0.95464E-01	0.25286E-02	0.56748E-01	0.00000E+00
88	-0.13387E+00	-0.79216E-02	0.12086E+00	0.00000E+00
89	-0.13593E+00	-0.96855E-02	0.14300E+00	0.00000E+00
90	-0.67845E-01	0.22371E-02	0.21236E-01	0.00000E+00
91	-0.74325E-01	0.16901E-02	0.22341E-01	0.00000E+00
92	-0.78871E-01	0.10834E-02	0.23655E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.23900E-01	0.00000E+00	-0.18494E-02	0.00000E+00
95	-0.44313E-01	0.00000E+00	-0.27876E-02	0.00000E+00
96	-0.49278E-01	0.00000E+00	-0.29031E-02	0.00000E+00
97	-0.55837E-01	0.00000E+00	-0.17068E-02	0.00000E+00
98	-0.58525E-01	0.00000E+00	-0.95925E-03	0.00000E+00
99	-0.65405E-01	0.12213E-02	0.10885E-01	0.00000E+00
100	-0.86130E-01	0.94261E-03	0.31535E-01	0.00000E+00
101	-0.12369E+00	-0.15244E-02	0.75968E-01	0.00000E+00
102	-0.14135E+00	-0.98261E-02	0.14444E+00	0.00000E+00
103	-0.13670E+00	-0.64694E-02	0.11331E+00	0.00000E+00
104	-0.14523E+00	-0.10420E-01	0.13911E+00	0.00000E+00
105	-0.14586E+00	-0.99444E-02	0.14576E+00	0.00000E+00
106	-0.14279E+00	-0.74340E-02	0.11757E+00	0.00000E+00
107	-0.15161E+00	-0.10939E-01	0.14324E+00	0.00000E+00
108	-0.14975E+00	-0.10014E-01	0.14694E+00	0.00000E+00
109	-0.15289E+00	-0.10057E-01	0.14794E+00	0.00000E+00
110	-0.15132E+00	-0.39404E-02	0.12235E+00	0.00000E+00
111	-0.15651E+00	-0.11491E-01	0.14623E+00	0.00000E+00
112	-0.15550E+00	-0.10066E-01	0.14876E+00	0.00000E+00
113	-0.15429E+00	-0.92273E-02	0.12830E+00	0.00000E+00
114	-0.15736E+00	-0.10034E-01	0.14936E+00	0.00000E+00
115	-0.15366E+00	-0.99811E-02	0.14975E+00	0.00000E+00
116	-0.15924E+00	-0.99081E-02	0.14987E+00	0.00000E+00

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117	-0.15849E+00	-0.11403E-01	0.14730E+00	0.00000E+00
118	-0.15926E+00	-0.98677E-02	0.14985E+00	0.00000E+00
119	-0.15917E+00	-0.97891E-02	0.14968E+00	0.00000E+00
120	-0.15967E+00	-0.11157E-01	0.14785E+00	0.00000E+00
121	-0.15896E+00	-0.96717E-02	0.14939E+00	0.00000E+00
122	-0.15894E+00	-0.95614E-02	0.14954E+00	-0.27516E-04
123	-0.15886E+00	-0.93195E-02	0.14965E+00	-0.50477E-04
124	-0.15871E+00	-0.89229E-02	0.14976E+00	-0.78786E-04
125	-0.15844E+00	-0.83272E-02	0.14986E+00	-0.11589E-03
126	-0.15775E+00	-0.68599E-02	0.15004E+00	-0.16997E-03
127	-0.15686E+00	-0.50003E-02	0.15020E+00	-0.19570E-03
128	-0.15492E+00	-0.64168E-03	0.15053E+00	-0.18783E-03
129	-0.15338E+00	0.30288E-02	0.15083E+00	-0.14158E-03
130	-0.15230E+00	0.58275E-02	0.15116E+00	-0.74812E-04
131	-0.15193E+00	0.70399E-02	0.15165E+00	0.89434E-05
132	-0.15237E+00	0.57167E-02	0.15210E+00	0.40852E-04
133	-0.15287E+00	0.39400E-02	0.15251E+00	0.35056E-04
134	-0.15315E+00	0.27574E-02	0.15284E+00	0.20403E-04
135	-0.15329E+00	0.20756E-02	0.15311E+00	0.13836E-04
136	-0.15339E+00	0.14479E-02	0.15331E+00	0.15266E-04
137	-0.15345E+00	0.80729E-03	0.15343E+00	0.15079E-04
138	-0.15349E+00	0.12286E-03	0.15349E+00	0.16027E-04
139	-0.15349E+00	0.15010E-04	0.15349E+00	0.15051E-04

359

000362

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4400E+01

360

FL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.21075E-01	-0.11201E+00	-0.12715E-01	-0.54429E+01	-0.36164E-01	0.54603E+01
2	0.59471E-01	-0.10347E+00	0.37521E-01	-0.43969E+01	-0.51500E-01	0.48757E+01
3	0.17935E+00	-0.82715E-01	0.79426E-01	-0.40355E+01	-0.19878E-01	0.40334E+01
4	-0.22150E+00	-0.13460E+00	-0.20947E+00	-0.33150E+01	0.84661E-01	0.33508E+01
5	0.11080E+00	-0.32604E-01	0.76031E-01	-0.33477E+01	0.75104E-02	0.33800E+01
6	-0.17852E+00	-0.94546E-01	-0.18461E-01	-0.34177E+01	0.56767E-01	0.34544E+01
7	-0.13325E+00	-0.23990E-01	0.25623E-02	-0.24480E+01	0.48690E-01	0.24406E+01
8	-0.27853E+00	-0.38853E-01	-0.19696E-01	-0.24671E+01	0.11660E+00	0.25240E+01
9	-0.23740E+00	-0.55803E+00	-0.27895E+00	-0.53717E+01	-0.97825E-02	0.54365E+01
10	-0.16658E+00	-0.60435E+00	-0.20075E+00	-0.49222E+01	0.28232E-02	0.49572E+01
11	-0.53286E-01	-0.52802E+00	0.10121E+00	-0.42855E+01	0.95126E-01	0.42861E+01
12	-0.65484E+00	-0.38419E+00	-0.26600E+00	-0.35649E+01	0.25784E+00	0.34651E+01
13	-0.10124E+00	-0.21937E+00	0.72026E-01	-0.36589E+01	0.78661E-01	0.36675E+01
14	-0.63973E+00	-0.40159E+00	-0.17187E+00	-0.37777E+01	0.20584E+00	0.38475E+01
15	-0.59639E+00	-0.10730E+00	-0.93630E-01	-0.26963E+01	0.27534E+00	0.26550E+01
16	-0.73200E+00	-0.95554E-01	-0.61717E-01	-0.28044E+01	0.32246E+00	0.28628E+01
17	-0.26574E+00	-0.79372E+00	-0.36356E+00	-0.51869E+01	-0.65497E-01	0.53699E+01
18	-0.26951E-01	-0.90886E+00	-0.21676E+00	-0.48886E+01	-0.13837E+00	0.50173E+01
19	0.42287E+00	-0.95469E+00	0.21860E+00	-0.45209E+01	-0.21416E+00	0.46250E+01
20	-0.93757E+00	-0.58045E+00	-0.32119E+00	-0.39847E+01	0.32402E+00	0.38614E+01
21	-0.77752E-01	-0.82541E+00	-0.80881E-01	-0.41501E+01	-0.91284E-01	0.43574E+01
22	-0.97449E+00	-0.16520E+01	-0.71432E+00	-0.43500E+01	0.15846E+00	0.47048E+01
23	-0.10830E+01	-0.23339E+00	-0.18084E+00	-0.32422E+01	0.46240E+00	0.32367E+01
24	-0.21232E+01	-0.78942E+00	-0.74482E+00	-0.36285E+01	0.77390E+00	0.34593E+01
25	-0.11247E+01	-0.89351E+00	-0.36584E+00	-0.37195E+01	0.39124E+00	0.39570E+01
26	-0.35856E+01	-0.27253E+01	-0.20282E+01	-0.41052E+01	0.92885E+00	0.43999E+01
27	-0.21986E+00	-0.79646E+00	-0.34942E+00	-0.49907E+01	-0.12183E+00	0.52426E+01
28	0.11704E+00	-0.96522E+00	-0.19190E+00	-0.47181E+01	-0.31645E+00	0.49842E+01
29	0.98861E+00	-0.10573E+01	0.32266E+00	-0.42498E+01	-0.32408E+00	0.47666E+01
30	-0.23314E+00	-0.11451E+01	-0.18838E+00	-0.42841E+01	-0.48986E-01	0.47057E+01
31	0.62433E-01	-0.14186E+01	-0.25486E+00	-0.40197E+01	-0.53679E+00	0.43841E+01
32	-0.45268E+00	-0.15221E+01	-0.46168E+00	-0.38904E+01	-0.33906E+00	0.49635E+01
33	-0.26017E+01	-0.21617E+01	-0.14156E+01	-0.41911E+01	0.56062E+00	0.46292E+01
34	-0.59092E+01	-0.43200E+01	-0.35647E+01	-0.43335E+01	0.12812E+01	0.50241E+01
35	-0.16486E+01	-0.14758E+01	-0.71463E+00	-0.42763E+01	-0.41549E+00	0.50207E+01
36	0.34616E+00	-0.42186E+00	0.43522E+00	-0.39997E+01	-0.38809E+00	0.51732E+01
37	-0.22440E+01	-0.23607E+01	-0.13126E+01	-0.44378E+01	0.44662E+00	0.53520E+01
38	-0.23657E-01	-0.50166E+00	-0.19771E+00	-0.47378E+01	-0.17831E+00	0.43793E+01
39	0.38641E+00	-0.59471E+00	-0.79410E-01	-0.45957E+01	-0.51555E+00	0.46343E+01
40	0.11193E+01	-0.99798E+00	0.19795E+00	-0.40817E+01	-0.14882E+01	0.46894E+01
41	0.14794E+01	-0.32203E+01	0.30152E+00	-0.43031E+01	-0.13435E+01	0.45427E+01
42	0.18293E+01	-0.49020E+00	0.14589E+00	-0.41447E+01	-0.16611E+01	0.40016E+01
43	0.49426E+00	-0.81669E+00	0.82069E-01	-0.39520E+01	-0.85648E+00	0.49827E+01
44	0.10223E+01	-0.44143E+00	0.31137E+00	-0.38620E+01	-0.14056E+01	0.43013E+01
45	0.16612E+01	-0.12331E+00	0.46773E+00	-0.40488E+01	-0.13396E+01	0.42737E+01
46	0.85200E+00	-0.76453E+00	-0.17998E+00	-0.38956E+01	-0.96290E+00	0.37915E+01
47	-0.68419E+00	-0.14013E+01	-0.34384E+00	-0.41973E+01	-0.26570E+00	0.54010E+01
48	-0.41161E+00	-0.13163E+01	-0.16587E+00	-0.44487E+01	-0.35458E+00	0.54597E+01
49	0.36367E+00	-0.11166E+01	0.62479E-01	-0.43460E+01	-0.11122E+01	0.57871E+01
50	0.39075E+01	0.37522E+00	0.18677E+01	-0.37075E+01	-0.29937E+01	0.39780E+01
51	0.73704E+00	0.34175E+00	0.10477E+01	-0.18025E+00	-0.38705E+00	0.10807E+01
52	0.23119E+01	0.10355E+01	0.17896E+01	0.14143E+01	-0.16504E+01	-0.49936E+01
53	0.15291E+01	-0.91614E+00	0.15616E-02	-0.33409E+01	-0.14958E+01	0.34640E+01
54	0.33034E+00	0.10213E+00	0.13936E+00	-0.44440E+01	-0.21719E+00	0.41710E+01

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55	0.74902E+00	-0.14181E+00	0.47499E-01	-0.43612E+01	-0.59115E+00	0.40036E+01
56	0.19134E+01	-0.21852E+00	-0.80156E-01	-0.39301E+01	-0.15971E+01	0.36212E+01
57	0.14806E+01	-0.25463E+00	0.11315E-01	-0.35864E+01	-0.11414E+01	0.33591E+01
58	0.16326E+01	-0.36244E+00	-0.85545E-01	-0.30797E+01	-0.13395E+01	0.29731E+01
59	0.55392E-01	0.12212E+00	0.16361E-01	-0.43179E+01	0.19516E-01	0.37722E+01
60	0.93209E+00	0.82861E+00	0.55214E+00	-0.40615E+01	-0.39185E+00	0.30258E+01
61	0.72711E+00	0.65909E+00	0.33332E+00	-0.40278E+01	-0.32364E+00	0.30214E+01
62	0.58466E+00	0.96590E+00	0.49575E+00	-0.38953E+01	0.44453E-01	0.23532E+01
63	0.91578E+00	0.32925E+00	0.14195E+00	-0.40261E+01	-0.55171E+00	0.32857E+01
64	0.11295E+01	0.92033E+00	0.34223E+00	-0.36450E+01	-0.47395E+00	0.24816E+01
65	0.19152E+01	0.30305E-01	-0.29997E+00	-0.37731E+01	-0.14833E+01	0.32450E+01
66	0.24151E+01	0.47088E+00	-0.29725E+00	-0.33757E+01	-0.16387E+01	0.25524E+01
67	0.18984E+01	0.10390E+01	-0.39959E+00	-0.28605E+01	-0.12804E+01	0.17424E+01
68	0.18366E+01	0.69472E-01	0.10775E-01	-0.33371E+01	-0.11697E+01	0.29202E+01
69	0.16391E+01	0.37152E+00	-0.33151E-01	-0.31255E+01	-0.93358E+00	0.23771E+01
70	0.24421E+01	0.84337E+00	0.30361E+00	-0.26951E+01	-0.11542E+01	0.16535E+01
71	0.20239E+01	0.10998E+00	-0.65111E-01	-0.28876E+01	-0.12422E+01	0.23798E+01
72	0.22729E+01	0.41202E+00	-0.57738E-01	-0.26245E+01	-0.11859E+01	0.18211E+01
73	0.51568E+00	0.56017E+00	0.21759E+00	-0.34225E+01	-0.11788E+00	0.10632E+01
74	0.81561E+00	0.52879E+00	-0.72864E-01	-0.30695E+01	-0.33542E+00	0.98171E+00
75	0.16336E+01	0.50733E+00	-0.92465E+00	-0.25791E+01	-0.92788E+00	0.85176E+00
76	0.19646E+01	0.47809E+00	-0.13211E+00	-0.29462E+01	-0.81212E+00	0.16516E+01
77	0.14477E+01	0.77679E+00	-0.22045E+00	-0.19115E+01	-0.56223E+00	0.41842E+00
78	0.14147E+01	0.37397E+00	-0.47977E+00	-0.15179E+01	-0.56733E+00	0.25308E+00
79	0.24170E+01	0.60395E+00	-0.50201E-01	-0.21005E+01	-0.90012E+00	0.92096E+00
80	0.26306E+01	0.74164E+00	0.53185E-01	-0.14474E+01	-0.59801E+00	0.22374E+00
81	0.13560E+01	0.32880E+00	-0.58126E+00	-0.78587E+00	-0.54592E+00	0.73785E-01
82	0.15420E+01	0.42136E+00	-0.48864E+00	-0.68208E+00	-0.50972E+00	0.15873E+00
83	0.23265E+01	0.33757E+00	-0.30292E+00	-0.13063E+01	-0.57200E+00	0.35286E+00
84	0.29476E+01	0.70779E+00	0.54338E-01	-0.14217E+01	-0.98786E+00	0.34778E+00
85	0.33010E+01	0.37857E+00	0.52388E-01	-0.20883E+01	-0.12214E+01	0.11726E+01
86	0.33116E+01	0.47837E+00	-0.21395E-01	-0.17223E+01	-0.11792E+01	0.83164E+00
87	0.23773E+01	0.41969E+00	-0.17415E+00	-0.20827E+01	-0.12033E+01	0.12240E+01
88	0.23866E+01	0.10309E+00	-0.12650E+00	-0.22556E+01	-0.14437E+01	0.18874E+01
89	0.25581E+01	0.14787E+00	-0.11025E+00	-0.19749E+01	-0.15296E+01	0.17137E+01
90	0.28593E+01	0.22921E+00	-0.19330E+00	-0.14174E+01	-0.16049E+01	0.86529E+00
91	0.30349E+01	0.51255E+00	0.75149E-01	-0.13413E+01	-0.16973E+01	0.12302E+01
92	0.30225E+01	0.54957E+00	0.71142E-02	-0.10290E+01	-0.16695E+01	0.83905E+00
93	0.18213E+01	-0.12447E+01	-0.23606E-01	-0.23927E+01	-0.17144E+01	0.28082E+01
94	0.20440E+01	-0.13153E+00	0.30269E+00	-0.24100E+01	-0.15428E+01	0.26947E+01
95	0.14016E+01	0.42803E+00	0.33966E+00	-0.17287E+01	-0.14680E+01	0.20438E+01
96	0.17593E+01	-0.17729E+00	-0.81846E-01	-0.24580E+01	-0.14305E+01	0.22928E+01
97	0.12274E+01	0.20755E+00	0.12455E+00	-0.19881E+01	-0.14476E+01	0.17680E+01
98	0.14972E+01	0.11492E+00	-0.11129E+00	-0.17052E+01	-0.13466E+01	0.17075E+01
99	0.16077E+01	-0.35963E+00	-0.42852E+00	-0.19814E+01	-0.13339E+01	0.17721E+01
100	0.12562E+01	-0.23240E+00	-0.43084E+00	-0.14567E+01	-0.13124E+01	0.13035E+01
101	0.15450E+01	0.14089E+00	-0.14639E+00	-0.11059E+01	-0.13153E+01	0.10073E+01
102	0.10943E+01	-0.27981E+00	-0.80941E+00	-0.11621E+01	-0.12319E+01	0.96136E+00
103	0.75032E+00	0.14854E+00	-0.54678E+00	-0.36824E+00	-0.11463E+01	0.50886E+00
104	0.84098E+00	0.30550E+00	-0.47709E+00	-0.10513E+00	-0.11358E+01	0.34477E+00
105	0.20334E+01	-0.41519E+00	0.54470E+00	-0.21328E+01	-0.21084E+01	0.25970E+01
106	0.33172E+01	0.17950E+01	0.24393E+01	-0.10837E+00	-0.22681E+01	0.12574E+01
107	0.24769E+01	0.10465E+01	0.16986E+01	-0.10972E+01	-0.21768E+01	0.18495E+01
108	0.20345E+01	0.91171E+00	0.14333E+01	-0.11379E+01	-0.20874E+01	0.18664E+01
109	0.19153E+01	0.88623E+00	0.14903E+01	-0.43567E+00	-0.20863E+01	0.12634E+01
110	0.19805E+00	-0.55703E+00	0.79436E-01	-0.16857E+01	-0.19153E+01	0.19495E+01
111	-0.25869E+00	-0.38981E+00	0.11233E+00	-0.12056E+01	-0.17840E+01	0.10894E+01
112	-0.29364E+00	-0.41652E+00	0.51655E-01	-0.18912E+01	-0.17711E+01	0.10807E+01
113	-0.80464E+00	-0.84210E+00	-0.62942E+00	-0.20346E+01	-0.14935E+01	0.20802E+01
114	-0.79204E+00	-0.72255E+00	-0.33246E+00	-0.17043E+01	-0.14080E+01	0.10584E+01

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115	-0.87570E+00	-0.76360E+00	-0.50053E+00	-0.22738E+01	-0.13658E+01	0.10291E+01
116	-0.45751E+00	-0.77127E+00	-0.63761E+00	-0.23044E+01	-0.10615E+01	0.18071E+01
117	0.15686E+00	-0.14401E+00	-0.68224E-01	-0.25120E+01	-0.97371E+00	0.96639E+00
118	0.62315E-01	-0.18575E+00	-0.26159E+00	-0.21701E+01	-0.82405E+00	0.89586E+00
119	-0.28353E-01	-0.66999E+00	-0.66255E+00	-0.18201E+01	-0.64365E+00	0.13664E+01
120	0.39971E+00	0.94185E-02	-0.21586E+00	-0.18176E+01	-0.50071E+00	0.80177E+00
121	0.33849E+00	-0.16413E-01	-0.34310E+00	-0.15338E+01	-0.46771E+00	0.70593E+00
122	-0.23516E+00	-0.92300E+00	-0.10259E+01	-0.14311E+01	-0.34458E+00	0.10650E+01
123	-0.78739E-01	-0.27440E+00	-0.73009E+00	-0.12067E+01	-0.21424E+00	0.58938E+00
124	-0.10751E+00	-0.28105E+00	-0.79537E+00	-0.89914E+00	-0.19599E+00	0.47607E+00
125	0.74037E-01	-0.19136E+00	-0.72026E+00	-0.73511E+00	-0.16442E+00	0.55003E+00
126	-0.22493E+00	-0.34835E+00	-0.93292E+00	-0.51743E+00	-0.10069E+00	0.32694E+00
127	-0.22492E+00	-0.33993E+00	-0.93132E+00	-0.22216E+00	-0.96487E-01	0.24249E+00
128	-0.64370E+00	-0.58313E+00	-0.12103E+01	-0.34665E+00	-0.42950E-01	0.29452E+00
129	-0.13616E+01	-0.10418E+01	-0.16881E+01	-0.82106E-01	0.51139E-01	0.99454E-01
130	0.24401E+01	-0.71620E+00	0.60654E+00	-0.34859E+01	-0.22295E+01	0.39661E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.47437E+00	0.31625E+01	-0.26881E+01	-0.58040E+02	0.16384E+02	0.26186E+02
131	0.78094E-01	0.52063E+00	-0.44253E+00	-0.13442E+03	0.25362E+02	0.77980E+02
132	0.20122E+00	0.13415E+01	-0.11403E+01	-0.22650E+03	0.40506E+02	0.13359E+03
133	0.10146E+00	0.67642E+00	-0.57495E+00	-0.33020E+03	0.56029E+02	0.19582E+03
134	0.19873E+00	0.13249E+01	-0.11262E+01	-0.44808E+03	0.72693E+02	0.27042E+03
135	0.36816E+00	0.24544E+01	-0.20862E+01	-0.53786E+03	0.86813E+02	0.33768E+03
136	0.16491E+00	0.10994E+01	-0.93450E+00	-0.61093E+03	0.92361E+02	0.38483E+03
137	0.13635E+00	0.90902E+00	-0.77267E+00	-0.59852E+03	0.10747E+03	0.40563E+03
138	0.58724E+00	0.39149E+01	-0.27558E+01	-0.61764E+03	0.21833E+03	0.43855E+03
139	-0.52451E+00	-0.34967E+01	0.50047E+01	-0.59736E+03	0.44272E+03	0.46269E+03
140	-0.25135E+01	-0.16757E+02	0.14243E+02	-0.76550E+03	0.53590E+03	0.52562E+03
141	-0.24867E+01	-0.16044E+02	0.13638E+02	-0.76641E+03	0.54519E+03	0.56019E+03
142	-0.27725E+01	-0.18433E+02	0.15711E+02	-0.80599E+03	0.54606E+03	0.59619E+03
143	-0.28455E+01	-0.18970E+02	0.16124E+02	0.30503E+03	0.71092E+03	-0.51175E+03
144	-0.31968E+01	-0.21312E+02	0.18115E+02	0.29730E+03	0.69494E+03	-0.43277E+03
145	0.12872E+01	0.85615E+01	-0.47552E+01	-0.24723E+03	0.50219E+03	-0.11412E+04
146	0.53099E+00	0.35399E+01	-0.45514E+01	-0.26879E+03	0.36941E+03	-0.98711E+03
147	0.54404E+00	0.36269E+01	-0.44820E+01	-0.25305E+03	0.38184E+03	-0.97314E+03
148	0.55886E+00	0.37257E+01	0.18177E+01	-0.24717E+03	0.39415E+03	-0.97606E+03
149	0.57582E+00	0.36338E+01	0.17442E+01	-0.24293E+03	0.40788E+03	-0.99430E+03
150	0.65872E+00	0.43914E+01	0.10117E+01	-0.18171E+03	0.44658E+03	-0.96799E+03
151	0.78696E+00	0.52464E+01	0.23002E+02	-0.16930E+03	0.50358E+03	-0.99143E+03
152	0.72364E+00	0.43243E+01	0.41037E+02	-0.16710E+03	0.46135E+03	-0.98474E+03
153	0.62868E+00	0.41925E+01	0.36464E+02	-0.14135E+03	0.40151E+03	-0.96410E+03
154	0.42101E+00	0.28068E+01	0.69961E+02	-0.11770E+03	0.26534E+03	-0.93884E+03
155	0.12396E+00	0.82641E+00	0.57834E+02	-0.12291E+03	0.64888E+02	-0.88031E+03
156	-0.12056E+00	-0.80370E+00	0.49514E+02	-0.92765E+02	-0.94949E+02	-0.81770E+03
157	-0.32091E+00	-0.21394E+01	0.39716E+02	-0.81575E+02	-0.22794E+03	-0.72963E+03
158	-0.48339E+00	-0.32226E+01	0.33130E+02	-0.60874E+02	-0.33405E+03	-0.64363E+03
159	-0.60985E+00	-0.40656E+01	0.25599E+02	-0.25754E+02	-0.41379E+03	-0.53449E+03
160	-0.69971E+00	-0.46647E+01	0.16522E+02	-0.11612E+02	-0.47207E+03	-0.43215E+03
161	-0.83457E+00	-0.55638E+01	-0.84808E+01	0.59443E+01	-0.52447E+03	-0.30800E+03
162	-0.87314E+00	-0.58209E+01	0.77248E+00	0.12363E+02	-0.51398E+03	-0.21882E+03
163	-0.10144E+01	-0.67625E+01	-0.72823E+00	0.31250E+02	-0.59458E+03	-0.15603E+03
164	-0.10232E+01	-0.68215E+01	-0.20491E+01	0.60776E+02	-0.59538E+03	-0.10638E+03

165	-0.59379E+03	-0.92637E+02	0.19898E+01	-0.30546E+02	-0.61149E+03	-0.81861E+02
166	-0.48663E+03	-0.69996E+02	-0.46411E+01	-0.22621E+02	-0.56952E+03	-0.74138E+02
167	-0.38994E+03	-0.51943E+02	-0.73621E+01	-0.17982E+02	-0.48772E+03	-0.67758E+02
168	-0.30164E+03	-0.37909E+02	-0.79620E+01	-0.13313E+02	-0.40344E+03	-0.62360E+02
169	-0.19693E+03	-0.19942E+02	-0.99370E+01	-0.89836E+01	-0.34733E+03	-0.56315E+02
170	-0.92358E+02	-0.53993E+00	-0.13469E+02	-0.40696E+01	-0.31232E+03	-0.49381E+02
171	0.15713E+02	0.18285E+02	-0.15651E+02	0.25584E+01	-0.24721E+03	-0.39659E+02
172	0.81173E+02	0.27242E+02	-0.14487E+02	0.93754E+01	-0.16003E+03	-0.29204E+02
173	0.85015E+02	0.22504E+02	-0.91901E+01	0.13265E+02	-0.82040E+02	-0.22023E+02
174	0.52828E+02	0.11329E+02	-0.31085E+01	0.14217E+02	-0.25006E+02	-0.17368E+02
175	0.13186E+02	0.13409E+01	0.60250E+00	0.11433E+02	-0.86595E+01	-0.15772E+02
176	-0.17996E+01	-0.13448E+01	0.96883E+00	0.85077E+01	-0.14761E+02	-0.15073E+02
177	-0.34251E+01	-0.10210E+01	0.44548E+00	0.60616E+01	-0.18842E+02	-0.12540E+02
178	-0.11025E+01	-0.17402E+00	0.32449E-02	0.42240E+01	-0.14653E+02	-0.90889E+01
179	0.24888E+00	0.87691E-01	-0.46882E-01	0.32739E+01	-0.10498E+02	-0.64461E+01
180	-0.18651E-01	0.38211E-01	-0.37285E-01	0.22925E+01	-0.61878E+01	-0.39112E+01
181	-0.10366E+00	0.96335E-01	-0.70502E-01	0.14970E+01	-0.28313E+01	-0.14098E+01
182	-0.43107E+00	-0.20019E+00	0.11785E+00	0.40298E+00	0.57936E+00	-0.81447E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.91533E-02	-0.13409E-04	-0.94010E-02	0.00000E+00
3	0.17971E-01	-0.39823E-04	-0.17879E-01	0.00000E+00
4	0.26433E-01	-0.52016E-04	-0.20158E-01	0.00000E+00
5	0.23916E-01	-0.50480E-04	-0.23893E-01	0.00000E+00
6	0.26432E-01	0.76483E-05	-0.26483E-01	0.00000E+00
7	0.23946E-01	0.48495E-03	-0.24085E-01	0.00000E+00
8	0.26581E-01	0.43522E-03	-0.26660E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.94208E-02	0.30348E-03	-0.95931E-02	0.00000E+00
11	0.16032E-01	0.66141E-03	-0.18325E-01	0.00000E+00
12	0.20319E-01	0.82772E-03	-0.20695E-01	0.00000E+00
13	0.24050E-01	0.93501E-03	-0.24406E-01	0.00000E+00
14	0.26783E-01	0.97298E-03	-0.27134E-01	0.00000E+00
15	0.24283E-01	0.17644E-02	-0.25105E-01	0.00000E+00
16	0.27125E-01	0.17320E-02	-0.27920E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.90676E-02	0.71983E-03	-0.98735E-02	0.00000E+00
19	0.17738E-01	0.17565E-02	-0.19037E-01	0.00000E+00
20	0.20307E-01	0.22258E-02	-0.21632E-01	0.00000E+00
21	0.24508E-01	0.24499E-02	-0.25862E-01	0.00000E+00
22	0.27628E-01	0.24860E-02	-0.29039E-01	0.00000E+00
23	0.24813E-01	0.37121E-02	-0.26811E-01	0.00000E+00
24	0.28315E-01	0.37573E-02	-0.30533E-01	0.00000E+00
25	0.28733E-01	0.47503E-02	-0.31440E-01	0.00000E+00
26	0.28934E-01	0.51558E-02	-0.31977E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.80528E-02	0.10166E-02	-0.96676E-02	0.00000E+00
29	0.16562E-01	0.27191E-02	-0.19022E-01	0.00000E+00
30	0.19492E-01	0.36648E-02	-0.22008E-01	0.00000E+00
31	0.24511E-01	0.47524E-02	-0.27520E-01	0.00000E+00
32	0.29222E-01	0.56055E-02	-0.32542E-01	0.00000E+00
33	0.24313E-01	0.49817E-02	-0.27593E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.76753E-02	0.93896E-03	-0.93665E-02	0.00000E+00
36	0.15956E-01	0.25199E-02	-0.18570E-01	0.00000E+00
37	0.18941E-01	0.35707E-02	-0.21520E-01	0.00000E+00
38	0.24125E-01	0.43326E-02	-0.27484E-01	0.00000E+00
39	0.29565E-01	0.57933E-02	-0.33502E-01	0.00000E+00
40	0.29498E-01	0.57785E-02	-0.33298E-01	0.00000E+00
41	0.29430E-01	0.57640E-02	-0.33102E-01	0.00000E+00
42	0.29356E-01	0.57372E-02	-0.32857E-01	0.00000E+00
43	0.17838E-01	0.28818E-02	-0.19686E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.62693E-02	0.53969E-03	-0.75185E-02	0.00000E+00
46	0.13733E-01	0.17110E-02	-0.14990E-01	0.00000E+00
47	0.29532E-01	0.57932E-02	-0.33565E-01	0.00000E+00
48	0.29583E-01	0.57936E-02	-0.33570E-01	0.00000E+00
49	0.24045E-01	0.47523E-02	-0.27378E-01	0.00000E+00
50	0.29612E-01	0.58308E-02	-0.33560E-01	0.00000E+00
51	0.22933E-01	0.39803E-02	-0.24833E-01	0.00000E+00
52	0.28133E-01	0.55783E-02	-0.29736E-01	0.00000E+00
53	0.29565E-01	0.57720E-02	-0.33553E-01	0.00000E+00
54	0.16561E-01	0.24429E-02	-0.17398E-01	0.00000E+00
55	0.21374E-01	0.35141E-02	-0.21778E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.43817E-02	-0.26825E-04	-0.46962E-02	0.00000E+00
58	0.11345E-01	0.83119E-03	-0.10197E-01	0.00000E+00
59	0.25866E-01	0.47253E-02	-0.25560E-01	0.00000E+00
60	0.27521E-01	0.53529E-02	-0.28512E-01	0.00000E+00
61	0.29620E-01	0.58537E-02	-0.33719E-01	0.00000E+00
62	0.13798E-01	0.12677E-02	-0.11942E-01	0.00000E+00
63	0.17843E-01	0.21215E-02	-0.14960E-01	0.00000E+00
64	0.28373E-01	0.56604E-02	-0.29978E-01	0.00000E+00
65	0.29627E-01	0.58756E-02	-0.33777E-01	0.00000E+00
66	0.29684E-01	0.59193E-02	-0.33893E-01	0.00000E+00
67	0.29742E-01	0.59643E-02	-0.34011E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.40346E-02	-0.18628E-03	-0.19134E-02	0.00000E+00
70	0.37524E-02	-0.19128E-03	-0.43144E-02	0.00000E+00
71	0.22103E-01	0.31011E-02	-0.18157E-01	0.00000E+00
72	0.28277E-01	0.56793E-02	-0.29206E-01	0.00000E+00
73	0.14228E-01	0.51216E-03	-0.72549E-02	0.00000E+00
74	0.29624E-01	0.60641E-02	-0.30313E-01	0.00000E+00
75	0.29791E-01	0.60013E-02	-0.36118E-01	0.00000E+00
76	0.30105E-01	0.60711E-02	-0.34302E-01	0.00000E+00
77	0.17864E-01	0.11747E-02	-0.92450E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.31530E-02	-0.61937E-03	0.86963E-03	0.00000E+00
80	0.66337E-02	-0.10088E-02	0.13459E-02	0.00000E+00
81	0.79232E-02	-0.11409E-02	0.13278E-02	0.00000E+00
82	0.10714E-01	-0.80665E-03	0.56323E-03	0.00000E+00
83	0.26606E-01	0.42779E-02	-0.21433E-01	0.00000E+00
84	0.18886E-01	0.64289E-03	-0.48570E-02	0.00000E+00
85	0.30783E-01	0.61618E-02	-0.34543E-01	0.00000E+00
86	0.31126E-01	0.64013E-02	-0.31539E-01	0.00000E+00
87	0.13778E-01	-0.39271E-03	-0.68190E-03	0.00000E+00
88	0.29323E-01	0.54318E-02	-0.26751E-01	0.00000E+00
89	0.31396E-01	0.62443E-02	-0.34775E-01	0.00000E+00
90	0.45542E-02	-0.63976E-03	0.11784E-01	0.00000E+00
91	0.56471E-02	-0.40677E-03	0.12902E-01	0.00000E+00
92	0.67533E-02	-0.17151E-03	0.12985E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.49295E-04	0.00000E+00	0.93543E-02	0.00000E+00
95	-0.14862E-03	0.00000E+00	0.17024E-01	0.00000E+00
96	-0.17654E-03	0.00000E+00	0.19796E-01	0.00000E+00
97	0.33546E-03	0.00000E+00	0.19940E-01	0.00000E+00
98	0.64152E-03	0.00000E+00	0.20108E-01	0.00000E+00
99	0.27232E-02	-0.31788E-03	0.16371E-01	0.00000E+00
100	0.90532E-02	-0.87296E-05	0.10436E-01	0.00000E+00
101	0.23670E-01	0.17606E-02	-0.66582E-02	0.00000E+00
102	0.33070E-01	0.63535E-02	-0.35106E-01	0.00000E+00
103	0.29457E-01	0.50130E-02	-0.23237E-01	0.00000E+00
104	0.33808E-01	0.69111E-02	-0.33176E-01	0.00000E+00
105	0.34464E-01	0.64485E-02	-0.35396E-01	0.00000E+00
106	0.31792E-01	0.56362E-02	-0.24537E-01	0.00000E+00
107	0.35912E-01	0.73827E-02	-0.34292E-01	0.00000E+00
108	0.35707E-01	0.65243E-02	-0.35643E-01	0.00000E+00
109	0.36699E-01	0.65840E-02	-0.35830E-01	0.00000E+00
110	0.35406E-01	0.65403E-02	-0.26108E-01	0.00000E+00
111	0.37661E-01	0.76134E-02	-0.35083E-01	0.00000E+00
112	0.37553E-01	0.66282E-02	-0.35956E-01	0.00000E+00
113	0.36574E-01	0.67657E-02	-0.28217E-01	0.00000E+00
114	0.38139E-01	0.66479E-02	-0.36006E-01	0.00000E+00
115	0.38545E-01	0.66557E-02	-0.35984E-01	0.00000E+00
116	0.38704E-01	0.66478E-02	-0.35868E-01	0.00000E+00

365

00300

6622

5628

366

117	0.38334E-01	0.78775E-02	-0.35168E-01	0.00000E+00
118	0.38705E-01	0.66406E-02	-0.35782E-01	0.00000E+00
119	0.38651E-01	0.66191E-02	-0.35590E-01	0.00000E+00
120	0.38742E-01	0.78904E-02	-0.35037E-01	0.00000E+00
121	0.38542E-01	0.65826E-02	-0.35330E-01	0.00000E+00
122	0.38537E-01	0.65448E-02	-0.35369E-01	0.94669E-05
123	0.38508E-01	0.64614E-02	-0.35389E-01	0.17462E-04
124	0.38455E-01	0.63239E-02	-0.35409E-01	0.27433E-04
125	0.38360E-01	0.61157E-02	-0.35425E-01	0.40680E-04
126	0.38115E-01	0.55973E-02	-0.35450E-01	0.60441E-04
127	0.37798E-01	0.49323E-02	-0.35473E-01	0.70439E-04
128	0.37085E-01	0.33405E-02	-0.35518E-01	0.69833E-04
129	0.36498E-01	0.19460E-02	-0.35556E-01	0.55381E-04
130	0.36052E-01	0.79402E-03	-0.35596E-01	0.33484E-04
131	0.35797E-01	0.19373E-04	-0.35659E-01	0.48508E-05
132	0.35843E-01	0.12710E-03	-0.35721E-01	-0.65816E-05
133	0.35931E-01	0.41126E-03	-0.35781E-01	-0.49119E-05
134	0.35959E-01	0.49141E-03	-0.35833E-01	0.36905E-06
135	0.35950E-01	0.38149E-03	-0.35877E-01	0.29600E-05
136	0.35942E-01	0.25105E-03	-0.35908E-01	0.23460E-05
137	0.35939E-01	0.13556E-03	-0.35929E-01	0.24172E-05
138	0.35937E-01	0.18778E-04	-0.35938E-01	0.20986E-05
139	0.35937E-01	0.24764E-05	-0.35937E-01	0.24610E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4500E+01

367

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.67992E-01	0.83053E-01	0.15558E-01	0.11472E+01	0.86812E-02	-0.11718E+01
2	0.61242E-01	0.76733E-01	-0.11216E-01	0.11040E+01	-0.66702E-03	-0.10866E+01
3	0.12852E-02	0.58180E-01	-0.52222E-01	0.98222E+00	-0.48164E-01	-0.95899E+00
4	0.11144E+00	0.10144E+00	0.13984E+00	0.86235E+00	-0.54223E-01	-0.87835E+00
5	-0.20061E-01	0.33423E-01	-0.43648E-01	0.85834E+00	-0.30984E-01	-0.86862E+00
6	0.79317E-01	0.89356E-01	-0.21074E-01	0.88948E+00	-0.26445E-01	-0.88525E+00
7	0.22447E-01	0.10690E-01	-0.35977E-01	0.67482E+00	-0.15943E-01	-0.66161E+00
8	0.71063E-01	0.24470E-01	-0.39883E-01	0.63621E+00	-0.43890E-01	-0.68083E+00
9	0.11936E+00	0.27143E+00	0.12145E+00	0.11457E+01	0.17467E-02	-0.12027E+01
10	0.75731E-01	0.29130E+00	0.57164E-01	0.11169E+01	-0.57821E-02	-0.11374E+01
11	-0.17524E-01	0.25463E+00	-0.14355E+00	0.10717E+01	-0.43353E-01	-0.10496E+01
12	0.18590E+00	0.14728E+00	0.21342E-01	0.95797E+00	-0.86014E-01	-0.89506E+00
13	-0.29628E-02	0.10223E+00	-0.10196E+00	0.98639E+00	-0.33999E-01	-0.95053E+00
14	0.20769E+00	0.22371E+00	0.11681E-01	0.10339E+01	-0.79317E-01	-0.10222E+01
15	0.14699E+00	0.44104E-01	-0.41059E-01	0.76820E+00	-0.92035E-01	-0.71881E+00
16	0.16966E+00	0.39167E-01	-0.74656E-01	0.79810E+00	-0.11291E+00	-0.78032E+00
17	0.12903E+00	0.41547E+00	0.16681E+00	0.10593E+01	0.25969E-01	-0.12074E+01
18	-0.16083E-01	0.48530E+00	0.57589E-01	0.10985E+01	0.54780E-01	-0.11789E+01
19	-0.32180E+00	0.50467E+00	-0.24419E+00	0.11800E+01	0.87835E-01	-0.11812E+01
20	0.26550E+00	0.25225E+00	0.25226E-01	0.11380E+01	-0.10639E+00	-0.10330E+01
21	-0.42969E-01	0.43878E+00	-0.38036E-01	0.11916E+01	0.36697E-01	-0.11973E+01
22	0.30534E+00	0.88288E+00	0.25230E+00	0.12702E+01	-0.44985E-01	-0.13228E+01
23	0.29415E+00	0.13311E+00	-0.25136E-01	0.97089E+00	-0.15050E+00	-0.89756E+00
24	0.62315E+00	0.34166E+00	0.16016E+00	0.11435E+01	-0.24712E+00	-0.97650E+00
25	0.32925E+00	0.53683E+00	0.10361E+00	0.11529E+01	-0.12333E+00	-0.11362E+01
26	0.13616E+01	0.14192E+01	0.84786E+00	0.13635E+01	-0.29200E+00	-0.12827E+01
27	0.10686E+00	0.44332E+00	0.16487E+00	0.95371E+00	0.55715E-01	-0.11750E+01
28	-0.10090E+00	0.55495E+00	0.40916E-01	0.10030E+01	0.14022E+00	-0.11780E+01
29	-0.63019E+00	0.61840E+00	-0.32176E+00	0.10384E+01	0.34692E+00	-0.12396E+01
30	-0.46215E-01	0.63959E+00	-0.43598E-02	0.12117E+01	0.46999E-01	-0.13258E+01
31	-0.67629E-01	0.83566E+00	0.85022E-01	0.10303E+01	0.21713E+00	-0.13810E+01
32	0.88050E-01	0.85738E+00	0.14155E+00	0.10350E+01	0.14916E+00	-0.14148E+01
33	0.87204E+00	0.11160E+01	0.52593E+00	0.12669E+01	-0.15334E+00	-0.13546E+01
34	0.20658E+01	0.18719E+01	0.12957E+01	0.12922E+01	-0.38690E+00	-0.14835E+01
35	0.83002E+00	0.10465E+01	0.46804E+00	0.12490E+01	-0.13038E+00	-0.14813E+01
36	-0.21422E+00	0.42735E+00	-0.18460E+00	0.11827E+01	0.16110E+00	-0.15305E+01
37	0.99958E+00	0.13027E+01	0.63828E+00	0.13271E+01	-0.14076E+00	-0.15981E+01
38	0.20223E-01	0.30557E+00	0.89777E-01	0.83993E+00	0.79215E-01	-0.10394E+01
39	-0.21192E+00	0.38485E+00	-0.24746E-01	0.91805E+00	0.22371E+00	-0.10479E+01
40	-0.71219E+00	0.60338E+00	-0.29789E+00	0.90159E+00	0.61612E+00	-0.12131E+01
41	-0.80890E+00	0.33936E+00	-0.33612E+00	0.97034E+00	0.57681E+00	-0.11602E+01
42	-0.92121E+00	0.33139E+00	-0.30002E+00	0.91395E+00	0.68839E+00	-0.96762E+00
43	-0.26159E+00	0.61385E+00	-0.60898E-01	0.10070E+01	0.34456E+00	-0.14210E+01
44	-0.49115E+00	0.38939E+00	-0.20139E+00	0.96355E+00	0.52004E+00	-0.12094E+01
45	-0.72051E+00	0.27196E+00	-0.26560E+00	0.10267E+01	0.53676E+00	-0.11922E+01
46	-0.42837E+00	0.45881E+00	-0.49201E-01	0.97011E+00	0.40073E+00	-0.10116E+01
47	0.25477E+00	0.83270E+00	0.15951E+00	0.12342E+01	0.10783E+00	-0.16120E+01
48	0.47702E+00	0.10159E+01	0.31624E+00	0.13307E+01	0.11919E+00	-0.16352E+01
49	-0.59625E-01	0.79569E+00	0.57839E-01	0.12832E+01	0.40227E+00	-0.17492E+01
50	-0.14079E+01	0.13565E+00	-0.67751E+00	0.10507E+01	0.10015E+01	-0.11855E+01
51	-0.23131E+00	-0.30279E-01	-0.40536E+00	0.51101E-01	0.12583E+00	-0.35164E+00
52	-0.14108E+01	-0.10417E+01	-0.12254E+01	-0.70984E+00	0.55458E+00	0.17047E+01
53	-0.74060E+00	0.48027E+00	-0.14925E+00	0.93120E+00	0.59652E+00	-0.10045E+01
54	-0.18411E+00	-0.13559E-01	-0.90571E-01	0.65885E+00	0.10759E+00	-0.74863E+00

55	-0.36488E+00	0.13391E+00	-0.97072E-01	0.79621E+00	0.23376E+00	-0.80473E+00
56	-0.99016E+00	0.19367E+00	-0.22069E+00	0.81752E+00	0.74456E+00	-0.80988E+00
57	-0.73826E+00	0.22423E+00	-0.16092E+00	0.84833E+00	0.51590E+00	-0.84406E+00
58	-0.82265E+00	0.26368E+00	-0.12951E+00	0.81791E+00	0.58549E+00	-0.81746E+00
59	-0.98634E-02	-0.16421E-01	-0.82379E-02	0.59666E+00	-0.81273E-03	-0.57386E+00
60	-0.42565E+00	-0.34694E+00	-0.28233E+00	0.48143E+00	0.19453E+00	-0.23298E+00
61	-0.38770E+00	-0.30395E+00	-0.21275E+00	0.46136E+00	0.18127E+00	-0.23087E+00
62	-0.24591E+00	-0.39731E+00	-0.21747E+00	0.38536E+00	-0.14223E-01	0.10848E+00
63	-0.44747E+00	-0.90978E-01	-0.14488E+00	0.63994E+00	0.29255E+00	-0.49425E+00
64	-0.55476E+00	-0.38294E+00	-0.23385E+00	0.45516E+00	0.25915E+00	-0.11217E+00
65	-0.99294E+00	0.87609E-01	-0.10208E+00	0.74955E+00	0.79758E+00	-0.65672E+00
66	-0.11854E+01	-0.13696E+00	-0.80385E-01	0.59638E+00	0.85149E+00	-0.36357E+00
67	-0.93041E+00	-0.40579E+00	-0.24574E-02	0.35290E+00	0.67694E+00	0.99227E-02
68	-0.89750E+00	0.99135E-01	-0.14958E+00	0.73695E+00	0.60718E+00	-0.67408E+00
69	-0.80408E+00	-0.10644E+00	-0.12769E+00	0.62518E+00	0.49143E+00	-0.42493E+00
70	-0.10770E+01	-0.32391E+00	-0.23893E+00	0.49035E+00	0.56266E+00	-0.15965E+00
71	-0.99357E+00	0.43373E-01	-0.14333E+00	0.70272E+00	0.63554E+00	-0.58793E+00
72	-0.99622E+00	-0.10428E+00	-0.80833E-01	0.60075E+00	0.58151E+00	-0.35204E+00
73	-0.22183E+00	-0.23882E+00	-0.11027E+00	0.19535E+00	0.51352E-01	0.62602E+00
74	-0.34154E+00	-0.20609E+00	-0.70746E-02	0.22157E+00	0.14579E+00	0.50106E+00
75	-0.67764E+00	-0.18040E+00	0.28619E+00	0.27070E+00	0.39861E+00	0.33000E+00
76	-0.77345E+00	-0.94752E-01	0.29562E-01	0.61188E+00	0.35165E+00	-0.15620E+00
77	-0.56053E+00	-0.23957E+00	0.66693E-01	0.17224E+00	0.24036E+00	0.37871E+00
78	-0.49360E+00	-0.12798E+00	0.17365E+00	0.13866E+00	0.20263E+00	0.24972E+00
79	-0.95459E+00	-0.19519E+00	-0.23960E-01	0.45362E+00	0.38175E+00	-0.78532E-02
80	-0.76991E+00	-0.12747E+00	0.97862E-01	0.24504E+00	0.15800E+00	0.24640E+00
81	-0.44784E+00	-0.72478E-01	0.23256E+00	0.58785E-01	0.19606E+00	0.16941E+00
82	-0.37954E+00	-0.40422E-01	0.27849E+00	0.92204E-01	0.14495E+00	0.37116E-01
83	-0.66927E+00	0.28939E-02	0.21907E+00	0.31689E+00	0.14771E+00	0.25681E-01
84	-0.11217E+01	-0.26224E+00	-0.55886E-01	0.31860E+00	0.39954E+00	0.76204E-01
85	-0.12555E+01	-0.16927E-01	-0.16497E-01	0.61054E+00	0.51443E+00	-0.27527E+00
86	-0.12820E+01	-0.92112E-01	-0.77171E-02	0.61839E+00	0.49676E+00	-0.25308E+00
87	-0.11378E+01	-0.23971E+00	-0.12574E+00	0.57198E+00	0.59025E+00	-0.24109E+00
88	-0.10954E+01	0.64733E-01	-0.36157E-01	0.62839E+00	0.70935E+00	-0.52495E+00
89	-0.11211E+01	0.85069E-01	-0.59311E-01	0.58198E+00	0.74087E+00	-0.53798E+00
90	-0.12849E+01	-0.12612E+00	-0.89838E-01	0.44834E+00	0.74528E+00	-0.27764E+00
91	-0.12679E+01	-0.80039E-01	-0.11390E+00	0.42965E+00	0.78379E+00	-0.41388E+00
92	-0.13139E+01	-0.17927E+00	-0.12932E+00	0.36450E+00	0.76846E+00	-0.31615E+00
93	-0.67818E+00	0.57762E+00	-0.15294E+00	0.67678E+00	0.67896E+00	-0.86679E+00
94	-0.98142E+00	0.21372E+00	-0.26990E+00	0.68093E+00	0.64277E+00	-0.78342E+00
95	-0.80570E+00	-0.66617E-01	-0.31982E+00	0.48511E+00	0.60707E+00	-0.62460E+00
96	-0.88202E+00	0.19810E+00	-0.13219E+00	0.72953E+00	0.60097E+00	-0.70518E+00
97	-0.76406E+00	-0.22815E-01	-0.25951E+00	0.60117E+00	0.59774E+00	-0.57586E+00
98	-0.79243E+00	0.54533E-01	-0.12757E+00	0.52322E+00	0.56283E+00	-0.54266E+00
99	-0.86811E+00	0.19225E+00	-0.44867E-01	0.63163E+00	0.56738E+00	-0.57339E+00
100	-0.69979E+00	0.12741E+00	-0.19493E-01	0.48704E+00	0.54213E+00	-0.44585E+00
101	-0.77608E+00	-0.26608E-01	-0.10684E+00	0.36427E+00	0.53467E+00	-0.35326E+00
102	-0.47377E+00	0.18318E+00	0.23067E+00	0.45575E+00	0.48186E+00	-0.37070E+00
103	-0.36322E+00	-0.56023E-01	0.10152E+00	0.96263E-01	0.44178E+00	-0.17631E+00
104	-0.39002E+00	-0.11159E+00	0.90093E-01	0.86635E-02	0.43409E+00	-0.12312E+00
105	-0.91201E+00	0.28611E+00	-0.33227E+00	0.58496E+00	0.74077E+00	-0.78480E+00
106	-0.14677E+01	-0.75806E+00	-0.11228E+01	-0.11769E-01	0.76333E+00	-0.40218E+00
107	-0.11006E+01	-0.33356E+00	-0.78169E+00	0.26943E+00	0.73775E+00	-0.55344E+00
108	-0.97361E+00	-0.31007E+00	-0.70183E+00	0.27901E+00	0.71312E+00	-0.56305E+00
109	-0.10697E+01	-0.49352E+00	-0.84669E+00	0.93145E-01	0.71368E+00	-0.40449E+00
110	-0.35473E+00	0.22519E+00	-0.22670E+00	0.49120E+00	0.66017E+00	-0.61572E+00
111	-0.39752E+00	-0.11615E+00	-0.42231E+00	0.33891E+00	0.61764E+00	-0.35122E+00
112	-0.38610E+00	-0.10835E+00	-0.40135E+00	0.55034E+00	0.61287E+00	-0.34994E+00
113	0.62639E-01	0.44711E+00	0.96173E-01	0.61973E+00	0.52834E+00	-0.64553E+00
114	-0.20494E+00	0.21332E-02	-0.25887E+00	0.51904E+00	0.50173E+00	-0.34649E+00

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115	-0.17858E+00	0.12693E-01	-0.20352E+00	0.92795E+00	0.48724E+00	-0.33878E+00
116	0.49466E-02	0.44438E+00	0.13946E+00	0.76720E+00	0.38655E+00	-0.59903E+00
117	-0.40604E+00	-0.12529E+00	-0.26752E+00	0.81788E+00	0.32028E+00	-0.32296E+00
118	-0.37708E+00	-0.11714E+00	-0.20327E+00	0.73572E+00	0.30263E+00	-0.30112E+00
119	-0.10390E+00	0.38091E+00	0.16210E+00	0.65425E+00	0.24023E+00	-0.46712E+00
120	-0.42407E+00	-0.14635E+00	-0.16811E+00	0.64550E+00	0.18673E+00	-0.27316E+00
121	-0.40605E+00	-0.14510E+00	-0.12430E+00	0.57101E+00	0.17384E+00	-0.24171E+00
122	0.27041E-01	0.46794E+00	0.32641E+00	0.60502E+00	0.12595E+00	-0.38682E+00
123	-0.13371E+00	0.17227E-01	0.10188E+00	0.47529E+00	0.72028E-01	-0.20434E+00
124	-0.12739E+00	0.10497E-01	0.12439E+00	0.37748E+00	0.63928E-01	-0.16566E+00
125	-0.11224E+00	0.70731E-01	0.16743E+00	0.34341E+00	0.50570E-01	-0.20005E+00
126	-0.30050E-01	0.61780E-01	0.21424E+00	0.25303E+00	0.22720E-01	-0.11485E+00
127	-0.31983E-01	0.52784E-01	0.21840E+00	0.16747E+00	0.19672E-01	-0.85465E-01
128	0.16960E+00	0.20625E+00	0.37043E+00	0.21517E+00	-0.37432E-02	-0.11091E+00
129	0.41664E+00	0.32502E+00	0.53233E+00	0.11814E+00	-0.44198E-01	-0.36417E-01
183	-0.10446E+01	0.41226E+00	-0.34923E+00	0.98797E+00	0.79212E+00	-0.11764E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.24856E+00	-0.16570E+01	0.14085E+01	0.16556E+02	-0.12040E+02	-0.80576E+01
131	-0.85834E-01	-0.57223E+00	0.48639E+00	0.34040E+02	-0.21384E+02	-0.26528E+02
132	-0.12532E+00	-0.83544E+00	0.71012E+00	0.58237E+02	-0.33557E+02	-0.44658E+02
133	-0.79166E-01	-0.52778E+00	0.44861E+00	0.85995E+02	-0.45227E+02	-0.64495E+02
134	-0.14135E+00	-0.94231E+00	0.80096E+00	0.11829E+03	-0.56630E+02	-0.87480E+02
135	-0.21659E+00	-0.14439E+01	0.12274E+01	0.14443E+03	-0.64861E+02	-0.10799E+03
136	-0.13270E+00	-0.88463E+00	0.75194E+00	0.16530E+03	-0.68564E+02	-0.12255E+03
137	-0.14610E+00	-0.97440E+00	0.82824E+00	0.15465E+03	-0.75574E+02	-0.12875E+03
138	-0.14682E+00	-0.97383E+00	0.62924E+00	0.16181E+03	-0.13017E+03	-0.13958E+03
139	0.61626E+00	0.41084E+01	-0.42584E+01	0.15060E+03	-0.24091E+03	-0.14783E+03
140	0.16565E+01	0.11043E+02	-0.93867E+01	0.20162E+03	-0.29095E+03	-0.16859E+03
141	0.15751E+01	0.10501E+02	-0.89258E+01	0.20011E+03	-0.29489E+03	-0.18089E+03
142	0.17969E+01	0.11980E+02	-0.10183E+02	0.21486E+03	-0.29532E+03	-0.19352E+03
143	0.13444E+01	0.12296E+02	-0.10451E+02	-0.11409E+03	-0.34417E+03	0.16676E+03
144	0.21415E+01	0.14277E+02	-0.12135E+02	-0.10849E+03	-0.33845E+03	0.15676E+03
145	-0.62535E+00	-0.41690E+01	0.58991E+00	0.15876E+03	-0.23817E+03	0.37162E+03
146	-0.25383E+00	-0.16922E+01	0.10463E+01	0.15168E+03	-0.17311E+03	0.32044E+03
147	-0.25701E+00	-0.17134E+01	0.10287E+01	0.14293E+03	-0.17688E+03	0.31716E+03
148	-0.26041E+00	-0.17361E+01	-0.79547E+00	0.14252E+03	-0.17956E+03	0.31832E+03
149	-0.26412E+00	-0.17608E+01	-0.78863E+00	0.14711E+03	-0.18174E+03	0.32391E+03
150	-0.29756E+00	-0.19837E+01	-0.61867E+00	0.11877E+03	-0.19623E+03	0.31642E+03
151	-0.35283E+00	-0.23522E+01	-0.71600E+01	0.12374E+03	-0.21860E+03	0.32486E+03
152	-0.32934E+00	-0.21956E+01	-0.12716E+02	0.12211E+03	-0.20306E+03	0.32444E+03
153	-0.29549E+00	-0.19699E+01	-0.11383E+02	0.11141E+03	-0.18191E+03	0.31957E+03
154	-0.22413E+00	-0.14942E+01	-0.22165E+02	0.10204E+03	-0.13535E+03	0.31350E+03
155	-0.12284E+00	-0.61393E+00	-0.18392E+02	0.96306E+02	-0.68124E+02	0.29634E+03
156	-0.35956E-01	-0.23970E+00	-0.16445E+02	0.83239E+02	-0.11683E+02	0.27746E+03
157	0.38584E-01	0.25723E+00	-0.13181E+02	0.72419E+02	0.36798E+02	0.24935E+03
158	0.10206E+00	0.68039E+00	-0.11514E+02	0.61214E+02	0.77783E+02	0.22153E+03
159	0.15437E+00	0.10292E+01	-0.80719E+01	0.38573E+02	0.10955E+03	0.18493E+03
160	0.19426E+00	0.12950E+01	-0.58519E+01	0.28881E+02	0.13491E+03	0.15026E+03
161	0.24648E+00	0.16432E+01	-0.31062E+01	0.14516E+02	0.15734E+03	0.10752E+03
162	0.26787E+00	0.17853E+01	-0.93402E+00	0.80190E+01	0.15945E+03	0.76583E+02
163	0.32129E+00	0.21419E+01	-0.21924E+00	-0.46430E+01	0.18911E+03	0.54609E+02
164	0.33683E+00	0.22455E+01	0.40725E+00	-0.17198E+02	0.19641E+03	0.37539E+02

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165	0.20464E+03	0.34133E+02	-0.26260E+01	0.11205E+02	0.20580E+03	0.29035E+02
166	0.16972E+03	0.26213E+02	0.36599E-01	0.85936E+01	0.19255E+03	0.26456E+02
167	0.13753E+03	0.19544E+02	0.15171E+01	0.70508E+01	0.16574E+03	0.24315E+02
168	0.10781E+03	0.14319E+02	0.21586E+01	0.54900E+01	0.13786E+03	0.22499E+02
169	0.72063E+02	0.79636E+01	0.30308E+01	0.40388E+01	0.11961E+03	0.20456E+02
170	0.36039E+02	0.12107E+01	0.43196E+01	0.23715E+01	0.10859E+03	0.18095E+02
171	-0.18214E+01	-0.54769E+01	0.51773E+01	0.96326E-01	0.87365E+02	0.14745E+02
172	-0.25413E+02	-0.88507E+01	0.49039E+01	-0.23017E+01	0.58240E+02	0.11083E+02
173	-0.27902E+02	-0.75107E+01	0.31797E+01	-0.37343E+01	0.31478E+02	0.85026E+01
174	-0.18066E+02	-0.39107E+01	0.11303E+01	-0.42107E+01	0.11346E+02	0.67340E+01
175	-0.47274E+01	-0.50013E+00	-0.17869E+00	-0.33970E+01	0.47786E+01	0.60252E+01
176	0.52997E+00	0.46431E+00	-0.33570E+00	-0.24773E+01	0.64407E+01	0.56858E+01
177	0.12360E+01	0.37821E+00	-0.16211E+00	-0.17170E+01	0.77035E+01	0.47194E+01
178	0.43476E+00	0.67161E-01	0.41536E-02	-0.11774E+01	0.59549E+01	0.34279E+01
179	-0.10681E+00	-0.37202E-01	0.22792E-01	-0.93641E+00	0.42570E+01	0.24263E+01
180	0.76849E-02	-0.10560E-01	0.12145E-01	-0.67543E+00	0.25133E+01	0.14704E+01
181	-0.35839E-01	-0.38998E-01	0.30389E-01	-0.43432E+00	0.11554E+01	0.52095E+00
182	0.16014E+00	0.74371E-01	-0.43783E-01	-0.15045E+00	-0.25719E+00	-0.82691E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4600E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.80115E-02	0.38483E-05	-0.79357E-02	0.00000E+00
3	0.15701E-01	0.59843E-04	-0.15771E-01	0.00000E+00
4	0.17984E-01	0.68271E-04	-0.18065E-01	0.00000E+00
5	0.21405E-01	0.26434E-04	-0.21413E-01	0.00000E+00
6	0.24061E-01	-0.28945E-05	-0.24062E-01	0.00000E+00
7	0.21487E-01	-0.10309E-03	-0.21451E-01	0.00000E+00
8	0.24138E-01	-0.17864E-03	-0.24126E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.78389E-02	-0.76529E-04	-0.78208E-02	0.00000E+00
11	0.15604E-01	-0.12785E-03	-0.15557E-01	0.00000E+00
12	0.18060E-01	-0.17558E-03	-0.17963E-01	0.00000E+00
13	0.21587E-01	-0.31182E-03	-0.21481E-01	0.00000E+00
14	0.24334E-01	-0.44820E-03	-0.24272E-01	0.00000E+00
15	0.21762E-01	-0.67724E-03	-0.21656E-01	0.00000E+00
16	0.24653E-01	-0.86315E-03	-0.24524E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.78383E-02	-0.33591E-03	-0.76981E-02	0.00000E+00
19	0.15699E-01	-0.74475E-03	-0.15477E-01	0.00000E+00
20	0.18234E-01	-0.95333E-03	-0.18010E-01	0.00000E+00
21	0.21969E-01	-0.11881E-02	-0.21777E-01	0.00000E+00
22	0.25099E-01	-0.14002E-02	-0.24897E-01	0.00000E+00
23	0.22207E-01	-0.20836E-02	-0.21963E-01	0.00000E+00
24	0.25683E-01	-0.25106E-02	-0.25424E-01	0.00000E+00
25	0.26014E-01	-0.32449E-02	-0.25757E-01	0.00000E+00
26	0.26211E-01	-0.36521E-02	-0.25960E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.81845E-02	-0.78100E-03	-0.74134E-02	0.00000E+00
29	0.16252E-01	-0.18518E-02	-0.15086E-01	0.00000E+00
30	0.18858E-01	-0.24206E-02	-0.17764E-01	0.00000E+00
31	0.22787E-01	-0.31851E-02	-0.22050E-01	0.00000E+00
32	0.26423E-01	-0.41394E-02	-0.26176E-01	0.00000E+00
33	0.22984E-01	-0.34160E-02	-0.22017E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.83748E-02	-0.85766E-03	-0.72853E-02	0.00000E+00
36	0.16541E-01	-0.20939E-02	-0.14849E-01	0.00000E+00
37	0.19131E-01	-0.27700E-02	-0.17482E-01	0.00000E+00
38	0.23140E-01	-0.35936E-02	-0.21919E-01	0.00000E+00
39	0.26660E-01	-0.42657E-02	-0.26392E-01	0.00000E+00
40	0.26611E-01	-0.42540E-02	-0.26341E-01	0.00000E+00
41	0.26562E-01	-0.42434E-02	-0.26293E-01	0.00000E+00
42	0.26509E-01	-0.42263E-02	-0.26254E-01	0.00000E+00
43	0.19549E-01	-0.28654E-02	-0.16667E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.89092E-02	-0.92661E-03	-0.66842E-02	0.00000E+00
46	0.17277E-01	-0.21449E-02	-0.13491E-01	0.00000E+00
47	0.26673E-01	-0.42653E-02	-0.26389E-01	0.00000E+00
48	0.26676E-01	-0.42661E-02	-0.26409E-01	0.00000E+00
49	0.23186E-01	-0.36282E-02	-0.21855E-01	0.00000E+00
50	0.26693E-01	-0.42842E-02	-0.26543E-01	0.00000E+00
51	0.23423E-01	-0.36005E-02	-0.20531E-01	0.00000E+00
52	0.26533E-01	-0.39975E-02	-0.24201E-01	0.00000E+00
53	0.26661E-01	-0.42535E-02	-0.26324E-01	0.00000E+00
54	0.19710E-01	-0.27408E-02	-0.15756E-01	0.00000E+00
55	0.23479E-01	-0.34130E-02	-0.19210E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.92447E-02	-0.[illegible]994E-03	-0.61423E-02	0.00000E+00
58	0.17566E-01	-0.19812E-02	-0.12277E-01	0.00000E+00
59	0.26421E-01	-0.39776E-02	-0.22306E-01	0.00000E+00
60	0.26526E-01	-0.39352E-02	-0.23545E-01	0.00000E+00
61	0.26698E-01	-0.42937E-02	-0.26617E-01	0.00000E+00
62	0.19991E-01	-0.26139E-02	-0.14197E-01	0.00000E+00
63	0.23487E-01	-0.33164E-02	-0.17024E-01	0.00000E+00
64	0.26758E-01	-0.40506E-02	-0.24435E-01	0.00000E+00
65	0.26704E-01	-0.43026E-02	-0.26691E-01	0.00000E+00
66	0.26745E-01	-0.43209E-02	-0.26836E-01	0.00000E+00
67	0.26787E-01	-0.43412E-02	-0.26987E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.93313E-02	-0.91643E-03	-0.58374E-02	0.00000E+00
70	0.17723E-01	-0.17902E-02	-0.11509E-01	0.00000E+00
71	0.26524E-01	-0.40563E-02	-0.19596E-01	0.00000E+00
72	0.26975E-01	-0.40553E-02	-0.24066E-01	0.00000E+00
73	0.23438E-01	-0.28880E-02	-0.19745E-01	0.00000E+00
74	0.27804E-01	-0.42857E-02	-0.24976E-01	0.00000E+00
75	0.26622E-01	-0.43599E-02	-0.27131E-01	0.00000E+00
76	0.27051E-01	-0.43990E-02	-0.27404E-01	0.00000E+00
77	0.26175E-01	-0.33319E-02	-0.17866E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.94863E-02	-0.69472E-03	-0.55771E-02	0.00000E+00
80	0.17662E-01	-0.15430E-02	-0.10749E-01	0.00000E+00
81	0.19818E-01	-0.19755E-02	-0.12266E-01	0.00000E+00
82	0.22795E-01	-0.23349E-02	-0.14360E-01	0.00000E+00
83	0.29041E-01	-0.47041E-02	-0.22105E-01	0.00000E+00
84	0.27606E-01	-0.31190E-02	-0.18327E-01	0.00000E+00
85	0.27528E-01	-0.44494E-02	-0.27768E-01	0.00000E+00
86	0.28809E-01	-0.46338E-02	-0.26156E-01	0.00000E+00
87	0.25350E-01	-0.26905E-02	-0.16235E-01	0.00000E+00
88	0.29154E-01	-0.46654E-02	-0.24182E-01	0.00000E+00
89	0.27970E-01	-0.44996E-02	-0.28129E-01	0.00000E+00
90	0.21267E-01	-0.12388E-02	-0.12150E-01	0.00000E+00
91	0.22690E-01	-0.12494E-02	-0.13020E-01	0.00000E+00
92	0.23471E-01	-0.12340E-02	-0.13441E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.88894E-02	0.00000E+00	-0.44797E-02	0.00000E+00
95	0.16121E-01	0.00000E+00	-0.81966E-02	0.00000E+00
96	0.17727E-01	0.00000E+00	-0.90512E-02	0.00000E+00
97	0.19480E-01	0.00000E+00	-0.99478E-02	0.00000E+00
98	0.20023E-01	0.00000E+00	-0.10216E-01	0.00000E+00
99	0.21270E-01	-0.72932E-03	-0.11630E-01	0.00000E+00
100	0.24628E-01	-0.15615E-02	-0.14477E-01	0.00000E+00
101	0.28958E-01	-0.32328E-02	-0.19613E-01	0.00000E+00
102	0.29111E-01	-0.45768E-02	-0.23664E-01	0.00000E+00
103	0.30431E-01	-0.50312E-02	-0.23473E-01	0.00000E+00
104	0.30493E-01	-0.50974E-02	-0.27704E-01	0.00000E+00
105	0.30117E-01	-0.46456E-02	-0.29182E-01	0.00000E+00
106	0.31185E-01	-0.52176E-02	-0.24528E-01	0.00000E+00
107	0.31835E-01	-0.54125E-02	-0.29005E-01	0.00000E+00
108	0.30964E-01	-0.47161E-02	-0.29682E-01	0.00000E+00
109	0.31692E-01	-0.47789E-02	-0.30153E-01	0.00000E+00
110	0.31977E-01	-0.53577E-02	-0.25847E-01	0.00000E+00
111	0.32758E-01	-0.56094E-02	-0.30066E-01	0.00000E+00
112	0.32290E-01	-0.48390E-02	-0.30597E-01	0.00000E+00
113	0.32495E-01	-0.54839E-02	-0.27161E-01	0.00000E+00
114	0.32771E-01	-0.48896E-02	-0.31006E-01	0.00000E+00
115	0.33136E-01	-0.49344E-02	-0.31381E-01	0.00000E+00
116	0.33353E-01	-0.49668E-02	-0.31713E-01	0.00000E+00

000375

117	0.33235E-01	-0.56923E-02	-0.30866E-01	0.00000E+00
118	0.33371E-01	-0.49797E-02	-0.31866E-01	0.00000E+00
119	0.33411E-01	-0.49965E-02	-0.32099E-01	0.00000E+00
120	0.33564E-01	-0.57710E-02	-0.31688E-01	0.00000E+00
121	0.33457E-01	-0.50147E-02	-0.32369E-01	0.00000E+00
122	0.33457E-01	-0.50252E-02	-0.32412E-01	0.24574E-05
123	0.33451E-01	-0.50466E-02	-0.32455E-01	0.42454E-05
124	0.33440E-01	-0.50793E-02	-0.32499E-01	0.61871E-05
125	0.33422E-01	-0.51246E-02	-0.32548E-01	0.83516E-05
126	0.33378E-01	-0.52243E-02	-0.32630E-01	0.10682E-04
127	0.33330E-01	-0.53352E-02	-0.32711E-01	0.10778E-04
128	0.33247E-01	-0.55369E-02	-0.32878E-01	0.64732E-05
129	0.33225E-01	-0.56137E-02	-0.33034E-01	0.18978E-06
130	0.33269E-01	-0.55219E-02	-0.33204E-01	-0.70584E-05
131	0.33464E-01	-0.50057E-02	-0.33463E-01	-0.14721E-04
132	0.33698E-01	-0.42728E-02	-0.33689E-01	-0.17130E-04
133	0.33906E-01	-0.35207E-02	-0.33886E-01	-0.16138E-04
134	0.34059E-01	-0.28304E-02	-0.34044E-01	-0.15079E-04
135	0.34177E-01	-0.21491E-02	-0.34169E-01	-0.15284E-04
136	0.34266E-01	-0.14628E-02	-0.34261E-01	-0.15179E-04
137	0.34316E-01	-0.80477E-03	-0.34315E-01	-0.14883E-04
138	0.34350E-01	-0.11890E-03	-0.34350E-01	-0.14966E-04
139	0.34350E-01	-0.14808E-04	-0.34350E-01	-0.14815E-04

373

000376

5622

5629

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4600E+01

57A

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.49413E-01	-0.44495E-01	-0.32872E-01	0.96538E+00	0.46214E-02	-0.96337E+00
2	-0.58776E-01	-0.33208E-01	-0.36601E-01	0.93400E+00	0.13666E-01	-0.94335E+00
3	-0.17368E-01	-0.28513E-01	-0.15228E-01	0.83582E+00	0.24692E-01	-0.84818E+00
4	0.13783E-01	-0.33965E-01	-0.35294E-01	0.71782E+00	0.28944E-02	-0.72396E+00
5	0.10655E-01	-0.24446E-01	0.32062E-02	0.72376E+00	0.61310E-02	-0.73210E+00
6	0.24468E-01	-0.70591E-01	0.56868E-02	0.72650E+00	-0.13979E-01	-0.74096E+00
7	0.54042E-01	0.21377E-02	0.31900E-01	0.56683E+00	-0.12605E-01	-0.57340E+00
8	0.91235E-01	-0.97111E-02	0.50733E-01	0.56176E+00	-0.22342E-01	-0.58123E+00
9	-0.92892E-01	-0.14326E+00	-0.88822E-01	0.94314E+00	0.26751E-02	-0.94313E+00
10	-0.69132E-01	-0.13260E+00	-0.65498E-01	0.92142E+00	0.23196E-02	-0.93182E+00
11	0.39314E-01	-0.10346E+00	0.23050E-01	0.81766E+00	-0.13799E-01	-0.85439E+00
12	0.10397E+00	-0.18465E-01	0.56498E-01	0.69821E+00	-0.39676E-01	-0.73225E+00
13	0.62038E-01	-0.27346E-01	0.40648E-01	0.70770E+00	-0.13870E-01	-0.75894E+00
14	0.57835E-01	-0.11849E+00	0.19826E-02	0.70613E+00	-0.31191E-01	-0.76992E+00
15	0.15232E+00	-0.91685E-02	0.77586E-01	0.56136E+00	-0.45863E-01	-0.59265E+00
16	0.20765E+00	0.56475E-03	0.10597E+00	0.58013E+00	-0.52688E-01	-0.61776E+00
17	-0.16698E+00	-0.32953E+00	-0.17919E+00	0.96240E+00	0.37826E-02	-0.91497E+00
18	-0.88250E-01	-0.33688E+00	-0.12102E+00	0.91493E+00	0.79345E-02	-0.91602E+00
19	0.14654E+00	-0.30844E+00	0.60561E-01	0.75774E+00	0.59975E-02	-0.86437E+00
20	0.94263E-01	-0.93553E-01	0.27888E-01	0.63668E+00	-0.43334E-01	-0.75750E+00
21	0.31796E-01	-0.24667E+00	-0.31715E-01	0.65803E+00	0.25291E-02	-0.81706E+00
22	0.36420E-01	-0.49857E+00	-0.12334E+00	0.65772E+00	-0.37317E-01	-0.84717E+00
23	0.19483E+00	-0.96877E-01	0.64372E-01	0.55922E+00	-0.73284E-01	-0.66548E+00
24	0.37105E+00	-0.59867E-01	0.14923E+00	0.51335E+00	-0.12933E+00	-0.68445E+00
25	0.12973E+00	-0.39649E+00	-0.72899E-01	0.57033E+00	-0.70847E-01	-0.75632E+00
26	0.18831E-01	-0.72106E+00	-0.24585E+00	0.44731E+00	-0.16003E+00	-0.81299E+00
27	-0.21928E+00	-0.46505E+00	-0.24238E+00	0.10025E+01	0.41172E-02	-0.83839E+00
28	-0.10676E+00	-0.50324E+00	-0.16449E+00	0.95396E+00	0.15364E-01	-0.89751E+00
29	0.22893E+00	-0.49625E+00	0.95093E-01	0.81118E+00	0.57107E-01	-0.86369E+00
30	0.87348E-01	-0.45734E+00	-0.71185E-01	0.72620E+00	-0.93389E-02	-0.84012E+00
31	-0.10090E+00	-0.60759E+00	-0.18494E+00	0.76430E+00	-0.44769E-01	-0.87175E+00
32	-0.19001E-01	-0.56056E+00	-0.13331E+00	0.76364E+00	0.22226E-01	-0.87190E+00
33	0.14859E+00	-0.60537E+00	-0.13726E+00	0.72893E+00	-0.10830E+00	-0.85359E+00
34	0.46678E+00	-0.33331E+00	0.93072E-01	0.80972E+00	-0.22812E+00	-0.91595E+00
35	-0.39540E+00	-0.90873E+00	-0.48205E+00	0.84886E+00	-0.70984E-01	-0.91757E+00
36	-0.76611E-01	-0.62203E+00	-0.21586E+00	0.74934E+00	0.34699E-01	-0.94860E+00
37	-0.23533E+00	-0.67490E+00	-0.31930E+00	0.83353E+00	-0.76096E-01	-0.96641E+00
38	-0.25854E+00	-0.51406E+00	-0.26335E+00	0.10538E+01	0.47350E-02	-0.84491E+00
39	-0.15982E+00	-0.54881E+00	-0.16222E+00	0.10062E+01	0.25328E-01	-0.84849E+00
40	0.17312E+00	-0.55636E+00	0.11934E+00	0.92303E+00	0.13813E+00	-0.85343E+00
41	0.11524E+00	-0.63508E+00	0.12858E+00	0.96087E+00	0.80497E-01	-0.82237E+00
42	0.21137E-01	-0.50594E+00	0.18604E+00	0.92697E+00	0.12713E+00	-0.73841E+00
43	-0.13196E+00	-0.65895E+00	-0.18780E+00	0.84242E+00	0.84422E-01	-0.88186E+00
44	-0.14856E+00	-0.55313E+00	-0.11947E+00	0.84434E+00	0.18316E+00	-0.75547E+00
45	-0.28330E+00	-0.62054E+00	-0.15312E+00	0.87038E+00	0.14437E+00	-0.76406E+00
46	-0.10780E+00	-0.45231E+00	-0.35018E-02	0.83736E+00	0.71693E-01	-0.68387E+00
47	-0.10736E+00	-0.57357E+00	-0.21417E+00	0.80801E+00	0.22220E-01	-0.97891E+00
48	-0.61304E+00	-0.87797E+00	-0.55742E+00	0.84045E+00	0.56011E-01	-0.98300E+00
49	-0.32906E+00	-0.63174E+00	-0.31753E+00	0.83108E+00	0.15508E+00	-0.10397E+01
50	-0.67991E+00	-0.67976E+00	-0.41747E+00	0.74940E+00	0.49878E+00	-0.69981E+00
51	-0.19854E+00	-0.25517E+00	-0.16395E+00	0.38654E-01	0.66530E-01	-0.17701E+00
52	0.29817E+00	0.49107E+00	0.37229E+00	0.54309E-01	0.27887E+00	0.84432E+00
53	-0.15202E+00	-0.35192E+00	0.13583E-01	0.67349E+00	0.17021E+00	-0.62443E+00
54	-0.26836E+00	-0.50519E+00	-0.25181E+00	0.11137E+01	-0.70410E-03	-0.77714E+00

000277

375

55	-0.23366E+00	-0.56170E+00	-0.15336E+00	0.10303E+01	0.87278E-02	-0.76822E+00
56	0.27180E-01	-0.50732E+00	0.23399E+00	0.91147E+00	0.58066E-01	-0.69449E+00
57	-0.14666E+00	-0.46955E+00	0.15231E-01	0.79682E+00	0.68886E-01	-0.62504E+00
58	-0.13889E+00	-0.43114E+00	0.50293E-01	0.64846E+00	0.11277E+00	-0.54661E+00
59	-0.34156E+00	-0.53952E+00	-0.31438E+00	0.11299E+01	-0.13591E-01	-0.74717E+00
60	-0.25195E+00	-0.46422E+00	-0.21012E+00	0.11400E+01	-0.49121E-02	-0.70674E+00
61	-0.22096E+00	-0.44326E+00	-0.18868E+00	0.11494E+01	-0.84119E-02	-0.70785E+00
62	-0.28435E+00	-0.45417E+00	-0.25671E+00	0.11594E+01	-0.13822E-01	-0.67919E+00
63	-0.24025E+00	-0.52014E+00	-0.14246E+00	0.10283E+01	-0.18404E-01	-0.70430E+00
64	-0.20149E+00	-0.43110E+00	-0.96824E-01	0.10260E+01	-0.18362E-01	-0.64948E+00
65	-0.41239E-01	-0.55068E+00	0.21649E+00	0.91625E+00	-0.38896E-01	-0.64803E+00
66	-0.92209E-01	-0.43685E+00	0.23929E+00	0.84664E+00	-0.11480E-01	-0.58172E+00
67	-0.49637E-01	-0.34901E+00	0.26063E+00	0.82664E+00	-0.34706E-01	-0.51894E+00
68	-0.22109E+00	-0.51704E+00	-0.60532E-02	0.79467E+00	0.76068E-02	-0.56689E+00
69	-0.16995E+00	-0.41206E+00	0.39637E-01	0.79334E+00	-0.13626E-01	-0.50992E+00
70	-0.25017E+00	-0.29445E+00	0.59222E-01	0.69297E+00	0.21057E-01	-0.42357E+00
71	-0.17318E+00	-0.39517E+00	0.82963E-01	0.67539E+00	0.19583E-01	-0.45709E+00
72	-0.29283E+00	-0.33662E+00	0.49921E-01	0.62539E+00	0.22918E-01	-0.39683E+00
73	-0.13667E+00	-0.21064E+00	-0.92743E-01	0.11293E+01	-0.64339E-02	-0.61320E+00
74	-0.14131E+00	-0.20579E+00	-0.10281E-01	0.96211E+00	-0.12460E-01	-0.53875E+00
75	-0.16720E+00	-0.19260E+00	-0.21256E+00	0.75420E+00	-0.17459E-01	-0.42096E+00
76	-0.34220E+00	-0.36554E+00	-0.26493E-01	0.69253E+00	0.41060E-02	-0.43339E+00
77	-0.17258E+00	-0.19077E+00	0.76373E-01	0.58327E+00	-0.95219E-02	-0.31317E+00
78	-0.16616E+00	-0.11292E-01	0.13793E+00	0.43344E+00	0.20836E-01	-0.19089E+00
79	-0.31690E+00	-0.21261E+00	0.55501E-01	0.48562E+00	0.22070E-01	-0.27763E+00
80	-0.45449E+00	-0.19615E+00	-0.19709E-01	0.35639E+00	0.42759E-01	-0.17869E+00
81	-0.20585E+00	-0.81446E-01	0.10886E+00	0.23544E+00	0.15528E-01	-0.10512E+00
82	-0.30202E+00	-0.98670E-01	0.54850E-01	0.17695E+00	0.38350E-01	-0.56181E-01
83	-0.41707E+00	-0.14554E+00	0.23229E-01	0.26514E+00	0.40000E-01	-0.10730E+00
84	-0.36071E+00	-0.11386E+00	0.83745E-01	0.32156E+00	0.47960E-01	-0.12846E+00
85	-0.49782E+00	-0.26991E+00	-0.13569E-01	0.39964E+00	0.66100E-01	-0.24033E+00
86	-0.42746E+00	-0.18941E+00	0.61833E-01	0.25345E+00	0.63579E-01	-0.14381E+00
87	-0.13914E+00	-0.78111E-01	0.23079E+00	0.43355E+00	0.27864E-01	-0.25393E+00
88	-0.25227E+00	-0.33174E+00	0.89208E-01	0.49163E+00	0.61481E-01	-0.35615E+00
89	-0.34323E+00	-0.37024E+00	0.37865E-01	0.45954E+00	0.82276E-01	-0.30633E+00
90	-0.27104E+00	-0.76908E-01	0.18667E+00	0.28024E+00	0.11927E+00	-0.12234E+00
91	-0.44354E+00	-0.31144E+00	0.18298E-01	0.30797E+00	0.14284E+00	-0.21867E+00
92	-0.34610E+00	-0.15704E+00	0.10747E+00	0.22826E+00	0.14697E+00	-0.13829E+00
93	-0.15658E+00	-0.25063E+00	0.35919E-01	0.43896E+00	0.20758E+00	-0.47756E+00
94	-0.15925E+00	-0.40126E+00	0.12280E-01	0.50170E+00	0.16549E+00	-0.49956E+00
95	-0.33037E-02	-0.37514E+00	0.55494E-01	0.40431E+00	0.18068E+00	-0.38335E+00
96	-0.12238E+00	-0.37432E+00	0.79593E-01	0.50130E+00	0.15420E+00	-0.39725E+00
97	0.59100E-01	-0.28099E+00	0.11735E+00	0.45199E+00	0.18096E+00	-0.31747E+00
98	-0.82308E-01	-0.29113E+00	0.11238E+00	0.35871E+00	0.17156E+00	-0.30323E+00
99	-0.17867E-02	-0.15148E+00	0.24332E+00	0.37188E+00	0.14419E+00	-0.28732E+00
100	-0.39350E-01	-0.13061E+00	0.18819E+00	0.29193E+00	0.18126E+00	-0.22037E+00
101	-0.13211E+00	-0.15735E+00	0.11203E+00	0.26224E+00	0.19909E+00	-0.17891E+00
102	-0.22725E+00	-0.12600E+00	0.11985E+00	0.17723E+00	0.21715E+00	-0.14333E+00
103	-0.14966E+00	-0.80211E-01	0.10644E+00	0.14538E+00	0.21586E+00	-0.10232E+00
104	-0.15547E+00	-0.77493E-01	0.89707E-01	0.92409E-01	0.22142E+00	-0.75161E-01
105	-0.20105E+00	-0.36070E+00	-0.55247E-01	0.45565E+00	0.33386E+00	-0.44816E+00
106	-0.18962E+00	-0.23403E+00	-0.10711E+00	0.73002E-01	0.38370E+00	-0.21363E+00
107	-0.21635E+00	-0.38312E+00	-0.15679E+00	0.27358E+00	0.36645E+00	-0.32362E+00
108	-0.12388E+00	-0.35338E+00	-0.10202E+00	0.28643E+00	0.35090E+00	-0.32653E+00
109	0.99559E-01	-0.51162E-01	0.80962E-01	0.12643E+00	0.35335E+00	-0.21648E+00
110	0.16270E+00	-0.16649E+00	0.88020E-01	0.34570E+00	0.32515E+00	-0.32523E+00
111	0.51540E+00	0.22686E+00	0.34789E+00	0.26272E+00	0.31064E+00	-0.18636E+00
112	0.52298E+00	0.23707E+00	0.35661E+00	0.40311E+00	0.31007E+00	-0.18526E+00
113	0.23261E+00	-0.26106E+00	0.10477E+00	0.40699E+00	0.25675E+00	-0.37356E+00
114	0.59451E+00	0.28557E+00	0.40508E+00	0.34069E+00	0.24825E+00	-0.17900E+00

115	0.61370E+00	0.30251E+00	0.43582E+00	0.59999E+00	0.24248E+00	-0.17456E+00
116	0.12304E+00	-0.27436E+00	0.69994E-01	0.41696E+00	0.18823E+00	-0.30598E+00
117	0.29674E+00	0.12027E+00	0.26497E+00	0.48367E+00	0.16519E+00	-0.16046E+00
118	0.32133E+00	0.14313E+00	0.30361E+00	0.39762E+00	0.15817E+00	-0.14888E+00
119	0.39699E-01	-0.18518E+00	0.94755E-01	0.29044E+00	0.12514E+00	-0.23187E+00
120	0.16959E+00	0.63012E-01	0.22606E+00	0.30889E+00	0.10803E+00	-0.13016E+00
121	0.18913E+00	0.85465E-01	0.25256E+00	0.23814E+00	0.10457E+00	-0.11410E+00
122	0.19631E-01	-0.83349E-01	0.13252E+00	0.15904E+00	0.86689E-01	-0.16186E+00
123	0.86596E-01	0.35297E-01	0.19352E+00	0.16278E+00	0.75598E-01	-0.92463E-01
124	0.10125E+00	0.56255E-01	0.20920E+00	0.10003E+00	0.75086E-01	-0.73663E-01
125	0.13042E-01	0.58016E-02	0.15857E+00	0.32233E-01	0.70013E-01	-0.88277E-01
126	0.28079E-01	0.24832E-01	0.15681E+00	0.19393E-01	0.66198E-01	-0.48459E-01
127	0.34037E-01	0.37945E-01	0.15859E+00	-0.78039E-01	0.68286E-01	-0.33957E-01
128	0.96434E-01	0.70307E-01	0.18761E+00	-0.42833E-01	0.63325E-01	-0.44801E-01
129	0.19114E+00	0.14250E+00	0.23409E+00	-0.77310E-01	0.56280E-01	-0.13379E-01
130	-0.30257E+00	-0.40404E+00	-0.10552E+00	0.69237E+00	0.34301E+00	-0.70639E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.91304E-01	0.60870E+00	-0.51739E+00	0.14979E+02	0.41187E+01	-0.59982E+01
131	0.68295E-01	0.45530E+00	-0.38701E+00	0.37737E+02	0.10179E+02	-0.13685E+02
132	0.75534E-01	0.50356E+00	-0.42802E+00	0.61242E+02	0.16213E+02	-0.23267E+02
133	0.72234E-01	0.48156E+00	-0.40933E+00	0.85599E+02	0.21552E+02	-0.33716E+02
134	0.14344E+00	0.95624E+00	-0.81280E+00	0.11163E+03	0.26194E+02	-0.46358E+02
135	0.16529E+00	0.11017E+01	-0.93644E+00	0.12657E+03	0.28052E+02	-0.57464E+02
136	0.15345E+00	0.10563E+01	-0.89787E+00	0.14205E+03	0.29630E+02	-0.65236E+02
137	0.21247E+00	0.14168E+01	-0.12040E+01	0.15262E+03	0.30691E+02	-0.68929E+02
138	-0.13814E+00	-0.92093E+00	0.70124E+00	0.15417E+03	0.34507E+02	-0.73916E+02
139	-0.76673E+00	-0.51118E+01	0.41311E+01	0.15708E+03	0.42849E+02	-0.76871E+02
140	-0.12221E+01	-0.81476E+01	0.69254E+01	0.18379E+03	0.50764E+02	-0.85844E+02
141	-0.11423E+01	-0.76185E+01	0.64758E+01	0.18525E+03	0.50393E+02	-0.89924E+02
142	-0.13228E+01	-0.88139E+01	0.74961E+01	0.18779E+03	0.50305E+02	-0.94462E+02
143	-0.13456E+01	-0.89704E+01	0.76420E+01	-0.31124E+02	0.17937E+02	0.87190E+02
144	-0.15145E+01	-0.10096E+02	0.95819E+01	-0.34656E+02	0.19910E+02	0.83552E+02
145	0.32446E-01	0.21631E+00	0.29367E+01	-0.95607E+02	-0.74804E+00	0.18640E+03
146	0.71884E-02	0.47923E-01	0.16474E+01	-0.74502E+02	-0.56286E+01	0.15976E+03
147	0.29280E-02	0.19520E-01	0.16392E+01	-0.70276E+02	-0.82820E+01	0.15723E+03
148	-0.24856E-02	-0.16571E-01	0.32290E+00	-0.72736E+02	-0.12828E+02	0.15775E+03
149	-0.91270E-02	-0.60847E-01	0.34146E+00	-0.81685E+02	-0.19295E+02	0.16089E+03
150	-0.17611E-01	-0.11740E+00	0.58745E+00	-0.78603E+02	-0.24458E+02	0.15687E+03
151	-0.27399E-01	-0.18266E+00	-0.33914E+01	-0.92390E+02	-0.32276E+02	0.16039E+03
152	-0.24566E-01	-0.16377E+00	-0.75634E+01	-0.89308E+02	-0.29909E+02	0.15899E+03
153	-0.16528E-01	-0.11019E+00	-0.68335E+01	-0.88099E+02	-0.24325E+02	0.15554E+03
154	0.11906E-01	0.79376E-01	-0.13649E+02	-0.87236E+02	-0.50822E+01	0.15097E+03
155	0.57170E-01	0.38113E+00	-0.11809E+02	-0.73045E+02	0.27471E+02	0.14112E+03
156	0.91738E-01	0.61159E+00	-0.26475E+01	-0.71325E+02	0.50965E+02	0.13007E+03
157	0.11677E+00	0.77847E+00	-0.91004E+01	-0.59972E+02	0.69494E+02	0.11501E+03
158	0.13379E+00	0.89193E+00	-0.63801E+01	-0.55166E+02	0.81655E+02	0.10000E+03
159	0.14314E+00	0.95426E+00	-0.48792E+01	-0.43266E+02	0.89724E+02	0.81524E+02
160	0.14565E+00	0.97105E+00	-0.33942E+01	-0.36333E+02	0.92457E+02	0.64176E+02
161	0.15500E+00	0.10333E+01	-0.16686E+01	-0.23407E+02	0.94081E+02	0.43168E+02
162	0.14629E+00	0.97530E+00	0.10276E+01	-0.15938E+02	0.84037E+02	0.28169E+02
163	0.15125E+00	0.10084E+01	0.85336E+00	-0.12619E+02	0.87464E+02	0.18220E+02
164	0.12855E+00	0.85884E+00	0.79999E+00	-0.12109E+02	0.74291E+02	0.11755E+02

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165	0.52414E+02	0.41726E+01	0.33373E+01	-0.14117E+01	0.68030E+02	0.90731E+01
166	0.37399E+02	0.21469E+01	0.32261E+01	-0.22809E+01	0.61732E+02	0.81353E+01
167	0.26408E+02	0.13108E+01	0.24682E+01	-0.27241E+01	0.51294E+02	0.73825E+01
168	0.17384E+02	0.79075E+00	0.17226E+01	-0.31617E+01	0.41058E+02	0.67632E+01
169	0.85022E+01	-0.36906E+00	0.15311E+01	-0.35415E+01	0.33841E+02	0.60949E+01
170	0.73965E-01	-0.17735E+01	0.16897E+01	-0.39384E+01	0.28977E+02	0.53570E+01
171	-0.75452E+01	-0.29507E+01	0.16841E+01	-0.44157E+01	0.21265E+02	0.43692E+01
172	-0.10947E+02	-0.31695E+01	0.13748E+01	-0.47755E+01	0.12164E+02	0.33482E+01
173	-0.92051E+01	-0.22810E+01	0.77464E+00	-0.48166E+01	0.49256E+01	0.26703E+01
174	-0.48272E+01	-0.99774E+00	0.19480E+00	-0.44763E+01	0.22625E+00	0.22295E+01
175	-0.99264E+00	-0.81770E-01	-0.94207E-01	-0.37696E+01	-0.53309E+00	0.20414E+01
176	0.29200E+00	0.12339E+00	-0.90243E-01	-0.31368E+01	0.29002E+00	0.19227E+01
177	0.24358E+00	0.47549E-01	-0.21147E-01	-0.24496E+01	0.62592E+00	0.15545E+01
178	-0.33551E-01	0.55796E-03	-0.11477E-01	-0.17637E+01	0.40927E+00	0.11057E+01
179	0.20707E-01	0.22117E-01	-0.21588E-01	-0.12730E+01	0.37642E+00	0.82135E+00
180	0.39064E-01	0.33621E-02	-0.26927E-03	-0.81936E+00	0.27991E+00	0.51984E+00
181	-0.76300E-02	0.15082E-02	-0.39717E-02	-0.41215E+00	0.13853E+00	0.21525E+00
182	0.67052E-01	0.31131E-01	-0.18325E-01	-0.57037E-01	0.28760E-01	0.31789E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.28718E-01	-0.10942E-04	0.29054E-01	0.00000E+00
3	-0.55097E-01	-0.20569E-03	0.55153E-01	0.00000E+00
4	-0.62283E-01	-0.20717E-03	0.62101E-01	0.00000E+00
5	-0.72465E-01	-0.22826E-04	0.72443E-01	0.00000E+00
6	-0.79881E-01	-0.18178E-05	0.79885E-01	0.00000E+00
7	-0.72571E-01	-0.38989E-03	0.72639E-01	0.00000E+00
8	-0.80115E-01	-0.26276E-03	0.80174E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.28279E-01	-0.12340E-03	0.28287E-01	0.00000E+00
11	-0.54517E-01	-0.42265E-03	0.54637E-01	0.00000E+00
12	-0.62041E-01	-0.51545E-03	0.62148E-01	0.00000E+00
13	-0.72788E-01	-0.33143E-03	0.72915E-01	0.00000E+00
14	-0.80664E-01	-0.13537E-03	0.80928E-01	0.00000E+00
15	-0.73283E-01	-0.31741E-03	0.73961E-01	0.00000E+00
16	-0.81567E-01	0.14222E-04	0.82209E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.27802E-01	0.92638E-04	0.28303E-01	0.00000E+00
19	-0.54301E-01	-0.24212E-05	0.55152E-01	0.00000E+00
20	-0.62312E-01	-0.11443E-04	0.63148E-01	0.00000E+00
21	-0.73811E-01	0.19402E-03	0.74925E-01	0.00000E+00
22	-0.82852E-01	0.50789E-03	0.84073E-01	0.00000E+00
23	-0.74510E-01	0.10187E-02	0.76358E-01	0.00000E+00
24	-0.84560E-01	0.17432E-02	0.86626E-01	0.00000E+00
25	-0.85555E-01	0.24061E-02	0.88205E-01	0.00000E+00
26	-0.86149E-01	0.28884E-02	0.89146E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.27697E-01	0.80697E-03	0.27798E-01	0.00000E+00
29	-0.54362E-01	0.15572E-02	0.54812E-01	0.00000E+00
30	-0.62733E-01	0.18828E-02	0.63484E-01	0.00000E+00
31	-0.75380E-01	0.24077E-02	0.77415E-01	0.00000E+00
32	-0.86761E-01	0.35935E-02	0.90141E-01	0.00000E+00
33	-0.75605E-01	0.26814E-02	0.77572E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.27736E-01	0.10220E-02	0.27438E-01	0.00000E+00
36	-0.54475E-01	0.21443E-02	0.54220E-01	0.00000E+00
37	-0.62816E-01	0.26613E-02	0.62783E-01	0.00000E+00
38	-0.75760E-01	0.31685E-02	0.77443E-01	0.00000E+00
39	-0.87515E-01	0.35952E-02	0.91555E-01	0.00000E+00
40	-0.87361E-01	0.35844E-02	0.91240E-01	0.00000E+00
41	-0.87207E-01	0.35755E-02	0.90940E-01	0.00000E+00
42	-0.87040E-01	0.35626E-02	0.90611E-01	0.00000E+00
43	-0.62603E-01	0.33618E-02	0.60286E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.27849E-01	0.13756E-02	0.25177E-01	0.00000E+00
46	-0.54273E-01	0.28090E-02	0.49529E-01	0.00000E+00
47	-0.87556E-01	0.35954E-02	0.91630E-01	0.00000E+00
48	-0.87566E-01	0.35956E-02	0.91659E-01	0.00000E+00
49	-0.75783E-01	0.33010E-02	0.77276E-01	0.00000E+00
50	-0.87619E-01	0.35989E-02	0.92003E-01	0.00000E+00
51	-0.75355E-01	0.33158E-02	0.73300E-01	0.00000E+00
52	-0.86173E-01	0.31365E-02	0.85245E-01	0.00000E+00
53	-0.87323E-01	0.35870E-02	0.91538E-01	0.00000E+00
54	-0.62080E-01	0.32953E-02	0.57115E-01	0.00000E+00
55	-0.74253E-01	0.35811E-02	0.68965E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.27374E-01	0.14431E-02	0.22040E-01	0.00000E+00
58	-0.52733E-01	0.26761E-02	0.43681E-01	0.00000E+00
59	-0.83979E-01	0.34646E-02	0.79033E-01	0.00000E+00
60	-0.85555E-01	0.32615E-02	0.83279E-01	0.00000E+00
61	-0.87636E-01	0.35968E-02	0.92203E-01	0.00000E+00
62	-0.60330E-01	0.33416E-02	0.50228E-01	0.00000E+00
63	-0.71292E-01	0.37223E-02	0.59987E-01	0.00000E+00
64	-0.86713E-01	0.31564E-02	0.85982E-01	0.00000E+00
65	-0.87652E-01	0.35947E-02	0.92401E-01	0.00000E+00
66	-0.87779E-01	0.35911E-02	0.92796E-01	0.00000E+00
67	-0.87906E-01	0.35897E-02	0.93198E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.25494E-01	0.13309E-02	0.18983E-01	0.00000E+00
70	-0.50662E-01	0.27546E-02	0.37228E-01	0.00000E+00
71	-0.81098E-01	0.40682E-02	0.69067E-01	0.00000E+00
72	-0.87069E-01	0.30937E-02	0.85038E-01	0.00000E+00
73	-0.68011E-01	0.36625E-02	0.50959E-01	0.00000E+00
74	-0.89773E-01	0.31495E-02	0.88006E-01	0.00000E+00
75	-0.88014E-01	0.35923E-02	0.93577E-01	0.00000E+00
76	-0.88704E-01	0.36023E-02	0.94280E-01	0.00000E+00
77	-0.76839E-01	0.36005E-02	0.57916E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.25777E-01	0.13375E-02	0.16206E-01	0.00000E+00
80	-0.48232E-01	0.25837E-02	0.30841E-01	0.00000E+00
81	-0.54391E-01	0.31980E-02	0.35077E-01	0.00000E+00
82	-0.63524E-01	0.33015E-02	0.41406E-01	0.00000E+00
83	-0.89624E-01	0.39818E-02	0.77637E-01	0.00000E+00
84	-0.80602E-01	0.29571E-02	0.55597E-01	0.00000E+00
85	-0.90157E-01	0.36134E-02	0.95208E-01	0.00000E+00
86	-0.92854E-01	0.34322E-02	0.91463E-01	0.00000E+00
87	-0.71633E-01	0.33113E-02	0.47293E-01	0.00000E+00
88	-0.92065E-01	0.36529E-02	0.84922E-01	0.00000E+00
89	-0.91475E-01	0.36283E-02	0.96116E-01	0.00000E+00
90	-0.55118E-01	0.19278E-02	0.28132E-01	0.00000E+00
91	-0.59610E-01	0.15750E-02	0.29898E-01	0.00000E+00
92	-0.62498E-01	0.12139E-02	0.31043E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.20984E-01	0.00000E+00	0.72185E-02	0.00000E+00
95	-0.38653E-01	0.00000E+00	0.13446E-01	0.00000E+00
96	-0.42823E-01	0.00000E+00	0.14894E-01	0.00000E+00
97	-0.47977E-01	0.00000E+00	0.16901E-01	0.00000E+00
98	-0.49991E-01	0.00000E+00	0.17646E-01	0.00000E+00
99	-0.54190E-01	0.10125E-02	0.23861E-01	0.00000E+00
100	-0.66902E-01	0.14165E-02	0.35454E-01	0.00000E+00
101	-0.87252E-01	0.19360E-02	0.59969E-01	0.00000E+00
102	-0.94924E-01	0.36650E-02	0.97441E-01	0.00000E+00
103	-0.94512E-01	0.37597E-02	0.82272E-01	0.00000E+00
104	-0.98052E-01	0.37258E-02	0.95992E-01	0.00000E+00
105	-0.97853E-01	0.36933E-02	0.98688E-01	0.00000E+00
106	-0.97699E-01	0.34065E-02	0.85594E-01	0.00000E+00
107	-0.10205E+00	0.37455E-02	0.99459E-01	0.00000E+00
108	-0.10035E+00	0.37374E-02	0.99852E-01	0.00000E+00
109	-0.10241E+00	0.37767E-02	0.10090E+00	0.00000E+00
110	-0.10178E+00	0.26079E-02	0.39574E-01	0.00000E+00
111	-0.10499E+00	0.35676E-02	0.10215E+00	0.00000E+00
112	-0.10413E+00	0.38217E-02	0.10184E+00	0.00000E+00
113	-0.10353E+00	0.28183E-02	0.93331E-01	0.00000E+00
114	-0.10541E+00	0.35663E-02	0.10264E+00	0.00000E+00
115	-0.10635E+00	0.39094E-02	0.10332E+00	0.00000E+00
116	-0.10635E+00	0.39414E-02	0.10382E+00	0.00000E+00

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00482

117	-0.10627E+00	0.34470E-02	0.10362E+00	0.00000E+00
118	-0.10683E+00	0.39540E-02	0.10403E+00	0.00000E+00
119	-0.10691E+00	0.39788E-02	0.10429E+00	0.00000E+00
120	-0.10697E+00	0.32892E-02	0.10489E+00	0.00000E+00
121	-0.10691E+00	0.40083E-02	0.10457E+00	0.00000E+00
122	-0.10691E+00	0.40279E-02	0.10464E+00	-0.45627E-05
123	-0.10690E+00	0.40680E-02	0.10470E+00	-0.79598E-05
124	-0.10688E+00	0.41299E-02	0.10477E+00	-0.11751E-04
125	-0.10684E+00	0.42170E-02	0.10484E+00	-0.16152E-04
126	-0.10676E+00	0.44130E-02	0.10496E+00	-0.21343E-04
127	-0.10666E+00	0.46386E-02	0.10508E+00	-0.22379E-04
128	-0.10648E+00	0.50822E-02	0.10533E+00	-0.15928E-04
129	-0.10639E+00	0.53306E-02	0.10556E+00	-0.60328E-05
130	-0.10640E+00	0.53386E-02	0.10582E+00	0.51061E-05
131	-0.10664E+00	0.47519E-02	0.10621E+00	0.19113E-04
132	-0.10696E+00	0.37802E-02	0.10657E+00	0.23412E-04
133	-0.10724E+00	0.27789E-02	0.10689E+00	0.20624E-04
134	-0.10742E+00	0.20325E-02	0.10715E+00	0.14009E-04
135	-0.10752E+00	0.15537E-02	0.10736E+00	0.10130E-04
136	-0.10758E+00	0.10889E-02	0.10751E+00	0.11552E-04
137	-0.10763E+00	0.60363E-03	0.10761E+00	0.11426E-04
138	-0.10766E+00	0.92805E-04	0.10766E+00	0.12096E-04
139	-0.10766E+00	0.11343E-04	0.10766E+00	0.11374E-04

380

5622

00783

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4700E+01

381

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.12042E+00	0.70459E-01	0.11319E+00	-0.34874E+01	-0.42441E-01	0.35093E+01
2	0.19223E+00	0.53982E-01	0.15405E+00	-0.32281E+01	-0.68816E-01	0.32343E+01
3	0.20526E+00	0.45136E-01	0.94969E-01	-0.27369E+01	-0.43416E-01	0.27541E+01
4	-0.88774E-01	0.36433E-01	-0.99729E-01	-0.22724E+01	0.63477E-01	0.23527E+01
5	0.99643E-01	0.43619E-01	0.52748E-01	-0.22874E+01	0.58712E-02	0.23451E+01
6	-0.56948E-01	0.72372E-01	0.34606E-01	-0.23269E+01	0.39583E-01	0.23792E+01
7	-0.95651E-01	0.39558E-02	-0.14116E-01	-0.17310E+01	0.35971E-01	0.17388E+01
8	-0.19972E+00	0.75352E-02	-0.34981E-01	-0.17181E+01	0.77970E-01	0.17791E+01
9	0.12755E+00	0.87412E-01	0.10414E+00	-0.34189E+01	-0.58712E-02	0.34587E+01
10	0.13761E+00	0.36543E-01	0.12243E+00	-0.31985E+01	0.14463E-02	0.32569E+01
11	0.30470E-01	0.14883E-02	0.13628E+00	-0.27775E+01	0.66996E-01	0.28671E+01
12	-0.32637E+00	-0.89451E-01	-0.10053E+00	-0.23169E+01	0.16551E+00	0.23640E+01
13	-0.63281E-01	-0.37814E-01	0.50591E-01	-0.23609E+01	0.57737E-01	0.24681E+01
14	-0.22043E+00	0.58950E-01	0.56188E-01	-0.23990E+01	0.13082E+00	0.25539E+01
15	-0.39707E+00	-0.26408E-01	-0.82916E-01	-0.17871E+01	0.17932E+00	0.18391E+01
16	-0.50410E+00	-0.32074E-01	-0.82475E-01	-0.18509E+01	0.20809E+00	0.19444E+01
17	0.26196E+00	0.36400E+00	0.26320E+00	-0.33647E+01	-0.23613E-01	0.34215E+01
18	0.22801E+00	0.30477E+00	0.25367E+00	-0.31632E+01	-0.46358E-01	0.32729E+01
19	0.26054E-01	0.21470E+00	0.18661E+00	-0.27429E+01	-0.44355E-01	0.30036E+01
20	-0.36841E+00	-0.26876E-01	-0.10399E-01	-0.23424E+01	0.20604E+00	0.25350E+01
21	0.23653E-01	0.14014E+00	0.18110E+00	-0.24292E+01	-0.11359E-01	0.27916E+01
22	-0.26645E+00	0.26688E+00	0.13753E+00	-0.24963E+01	0.13657E+00	0.29622E+01
23	-0.58750E+00	0.79801E-01	-0.27565E-01	-0.19537E+01	0.29721E+00	0.21412E+01
24	-0.12003E+01	-0.15697E+00	-0.32880E+00	-0.20133E+01	0.49359E+00	0.22412E+01
25	-0.46763E+00	0.35498E+00	0.17105E+00	-0.21349E+01	0.26991E+00	0.25208E+01
26	-0.11073E+01	0.26144E+00	-0.99680E-01	-0.20683E+01	0.59547E+00	0.27623E+01
27	0.37755E+00	0.62229E+00	0.39577E+00	-0.33649E+01	-0.41487E-01	0.33645E+01
28	0.31204E+00	0.58912E+00	0.35957E+00	-0.31646E+01	-0.11340E+00	0.32542E+01
29	0.84203E-01	0.48660E+00	0.19979E+00	-0.27369E+01	-0.32016E+00	0.30605E+01
30	-0.89661E-01	0.38145E+00	0.24719E+00	-0.25921E+01	0.38695E-01	0.29500E+01
31	-0.30122E+00	-0.51818E+00	0.39901E+00	-0.25597E+01	-0.22364E+00	0.30633E+01
32	0.23346E-01	0.42609E+00	0.27262E+00	-0.25168E+01	-0.10969E+00	0.30983E+01
33	-0.99347E+00	0.26104E+00	-0.67987E-01	-0.25538E+01	0.39133E+00	0.28995E+01
34	-0.26627E+01	-0.93964E+00	-0.11932E+01	-0.27432E+01	0.80372E+00	0.31243E+01
35	-0.12985E+00	0.92393E+00	0.67324E+00	-0.27826E+01	0.26521E+00	0.31257E+01
36	0.36444E+00	0.86492E+00	0.68651E+00	-0.25237E+01	-0.14609E+00	0.32188E+01
37	-0.33165E+00	0.23778E+00	0.20702E+00	-0.28172E+01	0.28455E+00	0.33032E+01
38	0.51347E+00	0.81091E+00	0.48813E+00	-0.33875E+01	-0.64346E-01	0.32036E+01
39	0.49632E+00	0.79894E+00	0.40757E+00	-0.32401E+01	-0.20405E+00	0.30886E+01
40	0.23496E+00	0.60694E+00	0.14637E+00	-0.28618E+01	-0.65917E+00	0.30213E+01
41	0.43800E+00	0.10302E+01	0.18384E+00	-0.29977E+01	-0.55858E+00	0.29748E+01
42	0.75738E+00	0.70321E+00	0.58068E-01	-0.28812E+01	-0.74174E+00	0.26678E+01
43	0.51018E+00	0.51229E+00	0.54032E+00	-0.26612E+01	-0.38739E+00	0.31194E+01
44	0.76080E+00	0.80179E+00	0.55515E+00	-0.26259E+01	-0.69786E+00	0.27350E+01
45	0.11955E+01	0.10274E+01	0.68454E+00	-0.27583E+01	-0.64482E+00	0.27402E+01
46	0.60462E+00	0.48870E+00	0.18367E+00	-0.26487E+01	-0.43443E+00	0.24949E+01
47	0.52050E-01	0.44120E+00	0.41053E+00	-0.26925E+01	-0.95018E-01	0.33374E+01
48	0.83322E+00	0.90664E+00	0.93719E+00	-0.28347E+01	-0.19626E+00	0.33619E+01
49	0.74356E+00	0.69744E+00	0.71125E+00	-0.27859E+01	-0.57039E+00	0.35438E+01
50	0.26325E+01	0.12755E+01	0.15865E+01	-0.24276E+01	-0.16441E+01	0.25032E+01
51	0.68255E+00	0.62852E+00	0.33863E+00	-0.11696E+00	-0.22232E+00	-0.64868E+00
52	0.52436E+00	-0.27203E+00	0.30812E+00	0.48698E+00	-0.90353E+00	-0.26304E+01
53	0.97111E+00	0.30041E+00	0.28883E+00	-0.22043E+01	-0.75109E+00	0.22408E+01
54	0.66981E+00	0.97950E+00	0.57315E+00	-0.33722E+01	-0.84130E-01	0.28746E+01

000284

5622

5622

382

55	0.74649E+00	0.92832E+00	0.43360E+00	-0.31700E+01	-0.24510E+00	0.27786E+01
56	0.81313E+00	0.76036E+00	-0.10863E+00	-0.28213E+01	-0.71064E+00	0.24973E+01
57	0.93552E+00	0.67167E+00	0.23823E+00	-0.24982E+01	-0.54301E+00	0.22774E+01
58	0.10055E+01	0.54893E+00	0.19275E+00	-0.20836E+01	-0.66769E+00	0.20067E+01
59	0.61203E+00	0.96479E+00	0.56550E+00	-0.53457E+01	0.23368E-01	0.26874E+01
60	0.82527E+00	0.10216E+01	0.59007E+00	-0.32464E+01	-0.17105E+00	0.23087E+01
61	0.71244E+00	0.93259E+00	0.48032E+00	-0.32377E+01	-0.14017E+00	0.23102E+01
62	0.51350E+00	0.84543E+00	0.45082E+00	-0.31505E+01	0.33841E-01	0.19760E+01
63	0.85786E+00	0.96258E+00	0.41212E+00	-0.30309E+01	-0.23581E+00	0.24113E+01
64	0.82441E+00	0.91990E+00	0.33321E+00	-0.28552E+01	-0.20581E+00	0.19876E+01
65	0.10255E+01	0.89157E+00	-0.16839E+00	-0.27560E+01	-0.66048E+00	0.23236E+01
66	0.13047E+01	0.81146E+00	-0.23713E+00	-0.24666E+01	-0.77568E+00	0.19162E+01
67	0.10537E+01	0.79124E+00	-0.36841E+00	-0.22335E+01	-0.58211E+00	0.14927E+01
68	0.12395E+01	0.83596E+00	0.27268E+00	-0.23902E+01	-0.58326E+00	0.20590E+01
69	0.10248E+01	0.68074E+00	0.80300E-01	-0.23138E+01	-0.44163E+00	0.17527E+01
70	0.14453E+01	0.71242E+00	0.17882E+00	-0.20100E+01	-0.58360E+00	0.13288E+01
71	0.11891E+01	0.59712E+00	0.88361E-01	-0.20415E+01	-0.65081E+00	0.16806E+01
72	0.14386E+01	0.58726E+00	0.69091E-01	-0.18630E+01	-0.60961E+00	0.13468E+01
73	0.40547E+00	0.48106E+00	0.22506E+00	-0.28699E+01	-0.36117E-01	0.14289E+01
74	0.57221E+00	0.46104E+00	0.47266E-01	-0.24879E+01	-0.11111E+00	0.12672E+01
75	0.99119E+00	0.44121E+00	-0.49659E+00	-0.20007E+01	-0.33266E+00	0.10189E+01
76	0.12760E+01	0.59238E+00	0.47998E-01	-0.20383E+01	-0.32542E+00	0.13405E+01
77	0.86047E+00	0.50185E+00	-0.10447E+00	-0.14795E+01	-0.20537E+00	0.66580E+00
78	0.91749E+00	0.29857E+00	-0.17106E+00	-0.11992E+01	-0.25188E+00	0.42956E+00
79	0.14230E+01	0.46342E+00	-0.43239E-02	-0.14325E+01	-0.39346E+00	0.80245E+00
80	0.16534E+01	0.49679E+00	0.12362E+00	-0.10253E+01	-0.29596E+00	0.36889E+00
81	0.84649E+00	0.22189E+00	-0.27188E+00	-0.60651E+00	-0.23697E+00	0.20509E+00
82	0.10576E+01	0.37354E+00	-0.12377E+00	-0.51878E+00	-0.25759E+00	0.15873E+00
83	0.15040E+01	0.29962E+00	-0.52847E-01	-0.85438E+00	-0.28245E+00	0.30677E+00
84	0.16773E+01	0.39175E+00	0.64832E-02	-0.97199E+00	-0.46842E+00	0.33471E+00
85	0.20092E+01	0.53148E+00	0.16283E+00	-0.13149E+01	-0.60441E+00	0.86862E+00
86	0.18853E+01	0.37732E+00	0.70405E-02	-0.97003E+00	-0.58851E+00	0.56781E+00
87	0.11997E+01	0.12339E+00	-0.28281E+00	-0.13975E+01	-0.63060E+00	0.84698E+00
88	0.14254E+01	0.50115E+00	0.73251E-01	-0.15316E+01	-0.82244E+00	0.13192E+01
89	0.16114E+01	0.54672E+00	0.17649E+00	-0.13773E+01	-0.90819E+00	0.12021E+01
90	0.16074E+01	0.22832E+00	-0.87599E-01	-0.96869E+00	-0.98811E+00	0.55260E+00
91	0.18692E+01	0.58439E+00	0.24127E+00	-0.93916E+00	-0.10839E+01	0.85436E+00
92	0.17509E+01	0.40655E+00	0.14322E+00	-0.71698E+00	-0.10841E+01	0.53506E+00
93	0.11429E+01	0.66700E-01	0.29633E+00	-0.15950E+01	-0.89297E+00	0.18341E+01
94	0.11904E+01	0.56755E+00	0.41036E+00	-0.16176E+01	-0.79876E+00	0.17733E+01
95	0.77847E+00	0.80469E+00	0.42931E+00	-0.12209E+01	-0.77069E+00	0.13321E+01
96	0.10493E+01	0.51873E+00	0.20413E+00	-0.16360E+01	-0.74696E+00	0.15474E+01
97	0.62895E+00	0.58447E+00	0.27574E+00	-0.13794E+01	-0.76866E+00	0.11504E+01
98	0.88276E+00	0.48762E+00	0.16684E+00	-0.11536E+01	-0.72340E+00	0.11223E+01
99	0.81971E+00	0.10474E+00	-0.13674E+00	-0.12836E+01	-0.70671E+00	0.11896E+01
100	0.75077E+00	0.16610E+00	-0.19424E-01	-0.98261E+00	-0.72619E+00	0.84973E+00
101	0.97427E+00	0.33277E+00	0.19484E+00	-0.81615E+00	-0.75150E+00	0.65621E+00
102	0.88517E+00	0.74070E-01	-0.84983E-01	-0.72085E+00	-0.74918E+00	0.63974E+00
103	0.71063E+00	0.22229E+00	0.73651E-01	-0.39554E+00	-0.68891E+00	0.33114E+00
104	0.71525E+00	0.21890E+00	0.38455E-01	-0.21297E+00	-0.69403E+00	0.22946E+00
105	0.12361E+01	0.49505E+00	0.59307E+00	-0.14125E+01	-0.11204E+01	0.17045E+01
106	0.17413E+01	0.12277E+01	0.13773E+01	-0.15134E+00	-0.12398E+01	0.77976E+00
107	0.14399E+01	0.10948E+01	0.11476E+01	-0.78849E+00	-0.11815E+01	0.12034E+01
108	0.11499E+01	0.10017E+01	0.98172E+00	-0.81765E+00	-0.11229E+01	0.12117E+01
109	0.84164E+00	0.64322E+00	0.78877E+00	-0.54394E+00	-0.11201E+01	0.78483E+00
110	0.76495E-01	0.18068E+00	0.22359E+00	-0.10997E+01	-0.10145E+01	0.12503E+01
111	-0.51461E+00	-0.20216E+00	-0.66253E-01	-0.80882E+00	-0.92857E+00	0.67425E+00
112	-0.53875E+00	-0.22976E+00	-0.98995E-01	-0.12417E+01	-0.92407E+00	0.66705E+00
113	-0.42249E+00	0.12109E+00	-0.75723E-01	-0.12931E+01	-0.75620E+00	0.13236E+01
114	-0.79071E+00	-0.39230E+00	-0.27782E+00	-0.10977E+01	-0.69990E+00	0.64791E+00

000285

115	-0.34782E+00	-0.43537E+00	-0.37754E+00	-0.18949E+01	-0.67859E+00	0.62767E+00
116	-0.14025E+00	0.16125E+00	-0.12522E-01	-0.14195E+01	-0.49549E+00	0.11411E+01
117	-0.56874E-01	0.27702E-01	0.18760E-01	-0.15318E+01	-0.37590E+00	0.58221E+00
118	-0.12407E+00	-0.22359E-01	-0.99158E-01	-0.13496E+01	-0.35054E+00	0.53673E+00
119	0.10329E+00	0.32275E-01	-0.59919E-01	-0.10831E+01	-0.24717E+00	0.85019E+00
120	0.23304E+00	0.16818E+00	0.48242E-01	-0.11187E+01	-0.15676E+00	0.47420E+00
121	0.17529E+00	0.12652E+00	-0.29475E-01	-0.93327E+00	-0.14178E+00	0.41386E+00
122	0.56798E-01	-0.20407E+00	-0.22983E+00	-0.81728E+00	-0.79730E-01	0.63969E+00
123	0.17371E+00	0.10799E+00	-0.72869E-01	-0.73435E+00	-0.11406E-02	0.33975E+00
124	0.14499E+00	0.77536E-01	-0.11426E+00	-0.55411E+00	0.51953E-02	0.26957E+00
125	0.19178E+00	-0.70969E-01	-0.14059E+00	-0.40133E+00	0.83748E-02	0.31172E+00
126	0.24812E+00	0.12562E+00	-0.55443E-01	-0.33332E+00	0.45000E-01	0.17961E+00
127	0.23973E+00	0.10991E+00	-0.60718E-01	-0.10380E+00	0.43441E-01	0.12595E+00
128	-0.49942E-01	-0.17154E+00	-0.26337E+00	-0.18958E+00	0.59205E-01	0.15779E+00
129	-0.22482E+00	-0.17570E+00	-0.32622E+00	-0.96243E-01	0.10272E+00	0.52914E-01
183	0.15474E+01	0.46729E+00	0.70107E+00	-0.22666E+01	-0.11766E+01	0.25097E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.14063E+00	0.93750E+00	-0.79638E+00	-0.42989E+02	0.51589E+01	0.18403E+02
131	-0.92785E-01	-0.61857E+00	0.52578E+00	-0.10065E+03	0.47490E+01	0.51848E+02
132	-0.69966E-01	-0.46644E+00	0.39648E+00	-0.16523E+03	0.86567E+01	0.88266E+02
133	-0.99754E-01	-0.66503E+00	0.56527E+00	-0.23516E+03	0.13831E+02	0.12815E+03
134	-0.18674E+00	-0.12450E+01	0.10582E+01	-0.31197E+03	0.20579E+02	0.17552E+03
135	-0.15914E+00	-0.10609E+01	0.90179E+00	-0.36286E+03	0.28434E+02	0.21723E+03
136	-0.21145E+00	-0.14096E+01	0.11982E+01	-0.41059E+03	0.30908E+02	0.24596E+03
137	-0.30756E+00	-0.20504E+01	0.17429E+01	-0.42224E+03	0.36453E+02	0.25904E+03
138	0.38840E+00	0.25893E+01	-0.18259E+01	-0.42992E+03	0.92905E+02	0.27886E+03
139	0.10239E+01	0.68260E+01	-0.45675E+01	-0.42438E+03	0.20463E+03	0.29356E+03
140	0.10305E+01	0.68702E+01	-0.58397E+01	-0.51991E+03	0.24922E+03	0.33105E+03
141	0.94283E+00	0.62855E+01	-0.53427E+01	-0.51971E+03	0.25457E+03	0.35110E+03
142	0.11145E+01	0.74302E+01	-0.63157E+01	-0.53645E+03	0.25594E+03	0.37139E+03
143	0.11278E+01	0.75134E+01	-0.63907E+01	0.15864E+03	0.35916E+03	-0.29256E+03
144	0.12411E+01	0.82741E+01	-0.70330E+01	0.16234E+03	0.35123E+03	-0.27486E+03
145	0.66020E+00	0.44013E+01	-0.64913E+01	0.60222E+02	0.28562E+03	-0.68420E+03
146	0.27889E+00	0.18592E+01	-0.42959E+01	0.16749E+02	0.21771E+03	-0.59950E+03
147	0.29026E+00	0.19350E+01	-0.42444E+01	0.17695E+02	0.22662E+03	-0.58917E+03
148	0.30427E+00	0.20284E+01	-0.21495E+00	0.21917E+02	0.23807E+03	-0.59061E+03
149	0.32116E+00	0.21412E+01	-0.27209E+00	0.32185E+02	0.25266E+03	-0.60229E+03
150	0.37573E+00	0.25049E+01	-0.87963E+00	0.52339E+02	0.27812E+03	-0.58389E+03
151	0.46103E+00	0.30735E+01	0.12922E+02	0.70377E+02	0.32045E+03	-0.59787E+03
152	0.43984E+00	0.29323E+01	0.24311E+02	0.64528E+02	0.30533E+03	-0.59129E+03
153	0.40114E+00	0.26743E+01	0.21594E+02	0.67921E+02	0.27982E+03	-0.57609E+03
154	0.29625E+00	0.19750E+01	0.42630E+02	0.71974E+02	0.20993E+03	-0.55764E+03
155	0.13874E+00	0.92495E+00	0.35619E+02	0.46783E+02	0.10028E+03	-0.51867E+03
156	0.13861E-01	0.92405E-01	0.29933E+02	0.52035E+02	0.17122E+02	-0.47743E+03
157	-0.83113E-01	-0.55409E+00	0.24203E+02	0.36538E+02	-0.50306E+02	-0.42094E+03
158	-0.15686E+00	-0.10459E+01	0.19870E+02	0.35374E+02	-0.10015E+03	-0.36626E+03
159	-0.20879E+00	-0.13920E+01	0.14370E+02	0.29619E+02	-0.13590E+03	-0.29783E+03
160	-0.23999E+00	-0.15999E+01	0.10259E+02	0.24615E+02	-0.15762E+03	-0.23429E+03
161	-0.27665E+00	-0.18443E+01	0.50488E+01	0.11207E+02	-0.17247E+03	-0.15716E+03
162	-0.27310E+00	-0.18207E+01	-0.10851E+01	0.38476E+01	-0.16077E+03	-0.10232E+03
163	-0.29374E+00	-0.19583E+01	-0.12271E+01	0.12281E+02	-0.17169E+03	-0.66123E+02
164	-0.26656E+00	-0.17772E+01	-0.17093E+01	0.14378E+02	-0.15533E+03	-0.41370E+02

165	-0.97853E+02	-0.11539E+02	-0.30413E+01	0.18569E+01	-0.14749E+03	-0.31630E+02
166	-0.71543E+02	-0.75207E+01	-0.34496E+01	0.32629E+01	-0.13557E+03	-0.29639E+02
167	-0.51905E+02	-0.43606E+01	-0.29113E+01	0.39374E+01	-0.11451E+03	-0.28045E+02
168	-0.35576E+02	-0.31504E+01	-0.22179E+01	0.46014E+01	-0.93545E+02	-0.26756E+02
169	-0.18720E+02	-0.65449E+00	-0.21314E+01	0.51192E+01	-0.79803E+02	-0.25388E+02
170	-0.34189E+01	0.19664E+01	-0.24600E+01	0.56434E+01	-0.72184E+02	-0.23856E+02
171	0.11280E+02	0.42494E+01	-0.24798E+01	0.62644E+01	-0.59832E+02	-0.21689E+02
172	0.17188E+02	0.46494E+01	-0.19655E+01	0.66861E+01	-0.45137E+02	-0.19218E+02
173	0.14103E+02	0.32188E+01	-0.10212E+01	0.66357E+01	-0.32109E+02	-0.17227E+02
174	0.87573E+01	0.13575E+01	-0.25329E-01	0.60348E+01	-0.23056E+02	-0.15266E+02
175	0.17115E+01	-0.23846E+00	0.45339E+00	0.48683E+01	-0.18459E+02	-0.13544E+02
176	-0.86186E+00	-0.62359E+00	0.44068E+00	0.38854E+01	-0.17999E+02	-0.12098E+02
177	-0.15511E+01	-0.49139E+00	0.22470E+00	0.28381E+01	-0.17411E+02	-0.97665E+01
178	-0.64714E+00	-0.76213E-01	-0.22386E-01	0.19669E+01	-0.12778E+02	-0.70467E+01
179	0.24735E+00	0.85912E-01	-0.45284E-01	0.16029E+01	-0.90742E+01	-0.49767E+01
180	-0.13232E-01	0.21245E-01	-0.21608E-01	0.11866E+01	-0.53530E+01	-0.30115E+01
181	0.75970E-01	0.86356E-01	-0.65491E-01	0.91059E+00	-0.24579E+01	-0.10562E+01
182	-0.31894E+00	-0.14813E+00	0.87205E-01	0.30706E+00	0.56850E+00	0.28933E-01

38A

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4800E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.30667E-01	-0.51750E-06	-0.30924E-01	0.00000E+00
3	0.58435E-01	0.18519E-03	-0.58505E-01	0.00000E+00
4	0.65911E-01	0.19454E-03	-0.65787E-01	0.00000E+00
5	0.76354E-01	0.27037E-04	-0.76339E-01	0.00000E+00
6	0.83853E-01	0.64857E-06	-0.83857E-01	0.00000E+00
7	0.76490E-01	0.23774E-03	-0.76519E-01	0.00000E+00
8	0.84032E-01	0.15435E-03	-0.84139E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.30187E-01	0.31396E-04	-0.30134E-01	0.00000E+00
11	0.57867E-01	0.29442E-03	-0.57906E-01	0.00000E+00
12	0.65690E-01	0.35161E-03	-0.65735E-01	0.00000E+00
13	0.76685E-01	0.19687E-03	-0.76765E-01	0.00000E+00
14	0.84624E-01	-0.65005E-05	-0.84884E-01	0.00000E+00
15	0.77200E-01	0.11425E-03	-0.77815E-01	0.00000E+00
16	0.85518E-01	-0.23207E-03	-0.86155E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.29840E-01	-0.11858E-03	-0.30181E-01	0.00000E+00
19	0.57780E-01	-0.11201E-03	-0.58447E-01	0.00000E+00
20	0.66041E-01	-0.13165E-03	-0.66738E-01	0.00000E+00
21	0.77735E-01	-0.36403E-05	-0.78764E-01	0.00000E+00
22	0.86795E-01	-0.69725E-03	-0.88010E-01	0.00000E+00
23	0.78502E-01	-0.10166E-02	-0.80239E-01	0.00000E+00
24	0.88495E-01	-0.17329E-02	-0.90559E-01	0.00000E+00
25	0.89490E-01	-0.22381E-02	-0.92136E-01	0.00000E+00
26	0.90083E-01	-0.26379E-02	-0.93079E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.29869E-01	-0.71606E-03	-0.29795E-01	0.00000E+00
29	0.57973E-01	-0.14261E-02	-0.58270E-01	0.00000E+00
30	0.66540E-01	-0.17133E-02	-0.67212E-01	0.00000E+00
31	0.79354E-01	-0.21651E-02	-0.81342E-01	0.00000E+00
32	0.90693E-01	-0.32370E-02	-0.94075E-01	0.00000E+00
33	0.79572E-01	-0.23834E-02	-0.81545E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.29985E-01	-0.39605E-03	-0.29507E-01	0.00000E+00
36	0.58121E-01	-0.19222E-02	-0.57789E-01	0.00000E+00
37	0.66627E-01	-0.23731E-02	-0.66619E-01	0.00000E+00
38	0.79733E-01	-0.28336E-02	-0.81463E-01	0.00000E+00
39	0.91450E-01	-0.32132E-02	-0.95492E-01	0.00000E+00
40	0.91295E-01	-0.32049E-02	-0.95178E-01	0.00000E+00
41	0.91141E-01	-0.31983E-02	-0.94877E-01	0.00000E+00
42	0.90974E-01	-0.31899E-02	-0.94546E-01	0.00000E+00
43	0.66679E-01	-0.28166E-02	-0.64455E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.30046E-01	-0.10481E-02	-0.27575E-01	0.00000E+00
46	0.57971E-01	-0.21532E-02	-0.53713E-01	0.00000E+00
47	0.91491E-01	-0.32132E-02	-0.95570E-01	0.00000E+00
48	0.91500E-01	-0.32135E-02	-0.95597E-01	0.00000E+00
49	0.79761E-01	-0.29517E-02	-0.81314E-01	0.00000E+00
50	0.91554E-01	-0.32192E-02	-0.95931E-01	0.00000E+00
51	0.79403E-01	-0.32064E-02	-0.77691E-01	0.00000E+00
52	0.90187E-01	-0.24974E-02	-0.89636E-01	0.00000E+00
53	0.91459E-01	-0.31968E-02	-0.95486E-01	0.00000E+00
54	0.65957E-01	-0.24815E-02	-0.61631E-01	0.00000E+00
55	0.78390E-01	-0.26220E-02	-0.73830E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.29335E-01	-0.97304E-03	-0.24872E-01	0.00000E+00
58	0.56305E-01	-0.15787E-02	-0.48590E-01	0.00000E+00
59	0.88116E-01	-0.24134E-02	-0.84019E-01	0.00000E+00
60	0.89604E-01	-0.25229E-02	-0.87830E-01	0.00000E+00
61	0.91570E-01	-0.32167E-02	-0.96127E-01	0.00000E+00
62	0.64156E-01	-0.19293E-02	-0.55610E-01	0.00000E+00
63	0.75461E-01	-0.20309E-02	-0.65908E-01	0.00000E+00
64	0.90730E-01	-0.25045E-02	-0.90383E-01	0.00000E+00
65	0.91586E-01	-0.32144E-02	-0.96320E-01	0.00000E+00
66	0.91711E-01	-0.32105E-02	-0.96706E-01	0.00000E+00
67	0.91838E-01	-0.32081E-02	-0.97099E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.28277E-01	-0.79845E-03	-0.22052E-01	0.00000E+00
70	0.53962E-01	-0.16523E-02	-0.42808E-01	0.00000E+00
71	0.85395E-01	-0.21373E-02	-0.75263E-01	0.00000E+00
72	0.91113E-01	-0.23502E-02	-0.89585E-01	0.00000E+00
73	0.72129E-01	-0.19318E-02	-0.57835E-01	0.00000E+00
74	0.93803E-01	-0.23775E-02	-0.92540E-01	0.00000E+00
75	0.91944E-01	-0.32103E-02	-0.97468E-01	0.00000E+00
76	0.92624E-01	-0.32190E-02	-0.98152E-01	0.00000E+00
77	0.81227E-01	-0.15874E-02	-0.65228E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.27391E-01	-0.85910E-03	-0.19638E-01	0.00000E+00
80	0.51330E-01	-0.15187E-02	-0.37013E-01	0.00000E+00
81	0.57917E-01	-0.16538E-02	-0.41900E-01	0.00000E+00
82	0.67586E-01	-0.16822E-02	-0.48985E-01	0.00000E+00
83	0.93810E-01	-0.18528E-02	-0.83837E-01	0.00000E+00
84	0.85231E-01	-0.71898E-03	-0.63867E-01	0.00000E+00
85	0.94050E-01	-0.32269E-02	-0.99054E-01	0.00000E+00
86	0.96782E-01	-0.26404E-02	-0.95942E-01	0.00000E+00
87	0.76053E-01	-0.14154E-02	-0.55406E-01	0.00000E+00
88	0.96142E-01	-0.22101E-02	-0.90242E-01	0.00000E+00
89	0.95336E-01	-0.32426E-02	-0.99934E-01	0.00000E+00
90	0.59148E-01	-0.11139E-02	-0.35565E-01	0.00000E+00
91	0.64139E-01	-0.65413E-03	-0.37898E-01	0.00000E+00
92	0.67323E-01	-0.20653E-03	-0.39272E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.22323E-01	0.00000E+00	-0.10233E-01	0.00000E+00
95	0.41527E-01	0.00000E+00	-0.19069E-01	0.00000E+00
96	0.46234E-01	0.00000E+00	-0.21150E-01	0.00000E+00
97	0.52062E-01	0.00000E+00	-0.23785E-01	0.00000E+00
98	0.54430E-01	0.00000E+00	-0.24734E-01	0.00000E+00
99	0.58644E-01	-0.50702E-03	-0.31362E-01	0.00000E+00
100	0.71867E-01	-0.14633E-03	-0.43894E-01	0.00000E+00
101	0.91970E-01	0.45243E-03	-0.68222E-01	0.00000E+00
102	0.98680E-01	-0.32764E-02	-0.10121E+00	0.00000E+00
103	0.98587E-01	-0.15211E-02	-0.68404E-01	0.00000E+00
104	0.10177E+00	-0.29104E-02	-0.10034E+00	0.00000E+00
105	0.10149E+00	-0.33023E-02	-0.10241E+00	0.00000E+00
106	0.10158E+00	-0.11346E-02	-0.91561E-01	0.00000E+00
107	0.10552E+00	-0.29081E-02	-0.10364E+00	0.00000E+00
108	0.10387E+00	-0.33435E-02	-0.10353E+00	0.00000E+00
109	0.10580E+00	-0.33790E-02	-0.10453E+00	0.00000E+00
110	0.10522E+00	-0.31227E-03	-0.95161E-01	0.00000E+00
111	0.10819E+00	-0.27165E-02	-0.10615E+00	0.00000E+00
112	0.10740E+00	-0.34195E-02	-0.10542E+00	0.00000E+00
113	0.10671E+00	-0.78716E-03	-0.98515E-01	0.00000E+00
114	0.10857E+00	-0.34557E-02	-0.10618E+00	0.00000E+00
115	0.10942E+00	-0.34959E-02	-0.10681E+00	0.00000E+00
116	0.10984E+00	-0.35211E-02	-0.10728E+00	0.00000E+00

117	0.10926E+00	-0.25625E-02	-0.10747E+00	0.00000E+00
118	0.10987E+00	-0.35304E-02	-0.10747E+00	0.00000E+00
119	0.10988E+00	-0.35491E-02	-0.10771E+00	0.00000E+00
120	0.10968E+00	-0.23511E-02	-0.10856E+00	0.00000E+00
121	0.10985E+00	-0.35683E-02	-0.10795E+00	0.00000E+00
122	0.10985E+00	-0.35830E-02	-0.10801E+00	0.33478E-05
123	0.10985E+00	-0.36125E-02	-0.10807E+00	0.57444E-05
124	0.10983E+00	-0.36570E-02	-0.10812E+00	0.83212E-05
125	0.10981E+00	-0.37184E-02	-0.10819E+00	0.11163E-04
126	0.10975E+00	-0.38519E-02	-0.10829E+00	0.14172E-04
127	0.10969E+00	-0.39998E-02	-0.10840E+00	0.14292E-04
128	0.10959E+00	-0.42681E-02	-0.10861E+00	0.86358E-05
129	0.10955E+00	-0.43809E-02	-0.10882E+00	0.11577E-05
130	0.10960E+00	-0.43060E-02	-0.10904E+00	-0.66705E-05
131	0.10982E+00	-0.37498E-02	-0.10938E+00	-0.16785E-04
132	0.11010E+00	-0.29265E-02	-0.10970E+00	-0.19606E-04
133	0.11034E+00	-0.20945E-02	-0.10998E+00	-0.17051E-04
134	0.11048E+00	-0.14953E-02	-0.11021E+00	-0.10949E-04
135	0.11055E+00	-0.11482E-02	-0.11040E+00	-0.72645E-05
136	0.11061E+00	-0.81144E-03	-0.11054E+00	-0.87118E-05
137	0.11064E+00	-0.45042E-03	-0.11062E+00	-0.86000E-05
138	0.11067E+00	-0.70077E-04	-0.11067E+00	-0.92396E-05
139	0.11067E+00	-0.85104E-05	-0.11067E+00	-0.85401E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4800E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.12174E+00	-0.75124E-01	-0.10057E+00	0.37220E+01	0.39006E-01	-0.37345E+01
2	-0.12068E+00	-0.61922E-01	-0.13447E+00	0.33959E+01	0.64989E-01	-0.34040E+01
3	-0.19613E+00	-0.51119E-01	-0.79906E-01	0.28250E+01	0.51858E-01	-0.28487E+01
4	0.82376E-01	-0.39376E-01	0.73225E-01	0.23097E+01	-0.52393E-01	-0.23784E+01
5	-0.95158E-01	-0.40736E-01	-0.49049E-01	0.23303E+01	0.16047E-02	-0.23811E+01
6	0.54236E-01	-0.83024E-01	-0.27103E-01	0.23659E+01	-0.38864E-01	-0.24200E+01
7	0.99353E-01	-0.35113E-02	0.19483E-01	0.17285E+01	-0.35295E-01	-0.17382E+01
8	0.19713E+00	-0.11451E-01	0.38420E-01	0.17170E+01	-0.76620E-01	-0.17829E+01
9	-0.10315E+00	-0.81249E-01	-0.84062E-01	0.36607E+01	0.18873E-02	-0.36855E+01
10	-0.96359E-01	-0.36395E-01	-0.88563E-01	0.33759E+01	-0.97706E-02	-0.34263E+01
11	0.25362E-01	-0.11086E-02	-0.88630E-01	0.28805E+01	-0.81016E-01	-0.29657E+01
12	0.34794E+00	0.94727E-01	0.12357E+00	0.23674E+01	-0.17054E+00	-0.24069E+01
13	0.84784E-01	0.23271E-01	-0.33069E-01	0.24123E+01	-0.63308E-01	-0.25154E+01
14	0.24704E+00	-0.53937E-01	-0.29445E-01	0.24518E+01	-0.13312E+00	-0.25992E+01
15	0.40206E+00	0.24392E-01	0.90147E-01	0.17942E+01	-0.18085E+00	-0.18458E+01
16	0.50828E+00	0.25249E-01	0.87937E-01	0.18602E+01	-0.20826E+00	-0.19556E+01
17	-0.20565E+00	-0.30983E+00	-0.21188E+00	0.36264E+01	0.16601E-01	-0.36588E+01
18	-0.15922E+00	-0.26195E+00	-0.19470E+00	0.33529E+01	0.30598E-01	-0.34494E+01
19	0.44917E-01	-0.17193E+00	-0.13055E+00	0.28668E+01	0.13141E-01	-0.31081E+01
20	0.41636E+00	0.45975E-01	0.51022E-01	0.24203E+01	-0.21854E+00	-0.25845E+01
21	0.26271E-01	-0.10811E+00	-0.13728E+00	0.25058E+01	-0.48921E-02	-0.23401E+01
22	0.32071E+00	-0.17461E+00	-0.71930E-01	0.25747E+01	-0.14732E+00	-0.30097E+01
23	0.61305E+00	-0.63924E-01	0.50465E-01	0.19807E+01	-0.30286E+00	-0.21545E+01
24	0.12126E+01	0.17307E+00	0.34393E+00	0.20575E+01	-0.49510E+00	-0.22550E+01
25	0.51001E+00	-0.26315E+00	-0.12174E+00	0.21716E+01	-0.27660E+00	-0.25319E+01
26	0.12028E+01	-0.11198E+00	0.19399E+00	0.21315E+01	-0.59633E+00	-0.27723E+01
27	-0.29746E+00	-0.52226E+00	-0.31858E+00	0.36362E+01	0.31046E-01	-0.36143E+01
28	-0.22099E+00	-0.49628E+00	-0.27701E+00	0.33561E+01	0.88275E-01	-0.34387E+01
29	-0.17869E-01	-0.40184E+00	-0.14562E+00	0.28531E+01	0.26430E+00	-0.31688E+01
30	0.13350E+00	-0.29791E+00	-0.19297E+00	0.26582E+01	-0.64131E-01	-0.30001E+01
31	-0.23275E+00	-0.42308E+00	-0.33232E+00	0.26266E+01	0.19262E+00	-0.31110E+01
32	0.38756E-01	-0.35044E+00	-0.21953E+00	0.25735E+01	0.81986E-01	-0.31466E+01
33	0.10785E+01	-0.12300E+00	0.15800E+00	0.25717E+01	-0.40632E+00	-0.29068E+01
34	0.27323E+01	0.10499E+01	0.12651E+01	0.27436E+01	-0.80428E+00	-0.31259E+01
35	-0.54034E-01	-0.80994E+00	-0.59765E+00	0.27775E+01	-0.26534E+00	-0.31271E+01
36	-0.28309E+00	-0.76079E+00	-0.61380E+00	0.25370E+01	0.11820E+00	-0.32140E+01
37	0.37653E+00	-0.17076E+00	-0.16364E+00	0.28109E+01	-0.28422E+00	-0.32932E+01
38	-0.40429E+00	-0.64619E+00	-0.37954E+00	0.36633E+01	0.53156E-01	-0.34788E+01
39	-0.39118E+00	-0.64544E+00	-0.31072E+00	0.34125E+01	0.17335E+00	-0.32961E+01
40	-0.14318E+00	-0.50407E+00	-0.97611E-01	0.29952E+01	0.56952E+00	-0.31346E+01
41	-0.36782E+00	-0.89701E+00	-0.14686E+00	0.31329E+01	0.48170E+00	-0.31007E+01
42	-0.69341E+00	-0.52994E+00	-0.29652E-01	0.30222E+01	0.66154E+00	-0.28137E+01
43	-0.43373E+00	-0.74229E+00	-0.48950E+00	0.27339E+01	0.54162E+00	-0.31659E+01
44	-0.65110E+00	-0.68982E+00	-0.48230E+00	0.27106E+01	0.63949E+00	-0.27951E+01
45	-0.10924E+01	-0.92581E+00	-0.63095E+00	0.28537E+01	0.57631E+00	-0.28037E+01
46	-0.52314E+00	-0.34514E+00	-0.12664E+00	0.27492E+01	0.38877E+00	-0.25870E+01
47	0.16996E-01	-0.36247E+00	-0.35358E+00	0.26986E+01	0.76785E-01	-0.33257E+01
48	-0.79556E+00	-0.85592E+00	-0.90356E+00	0.28251E+01	0.18821E+00	-0.33483E+01
49	-0.71279E+00	-0.69123E+00	-0.70399E+00	0.28072E+01	0.52679E+00	-0.35154E+01
50	-0.25246E+01	-0.11897E+01	-0.15253E+01	0.24739E+01	0.15532E+01	-0.25166E+01
51	-0.69455E+00	-0.65348E+00	-0.85346E+00	0.11706E+00	0.21367E+00	-0.63755E+00
52	-0.31235E-01	0.96732E+00	0.16047E+00	-0.41584E+00	0.84845E+00	0.24208E+01
53	-0.86961E+00	-0.20740E+00	-0.24757E+00	0.22653E+01	0.67644E+00	-0.22740E+01
54	-0.57255E+00	-0.73147E+00	-0.43028E+00	0.36345E+01	0.72126E-01	-0.31973E+01

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55	-0.63595E+00	-0.67381E+00	-0.31889E+00	0.33752E+01	0.21375E+00	-0.30245E+01
56	-0.78877E+00	-0.52920E+00	0.10361E+00	0.29862E+01	0.62540E+00	-0.26757E+01
57	-0.84195E+00	-0.48445E+00	-0.18567E+00	0.26211E+01	0.48105E+00	-0.23959E+01
58	-0.90702E+00	-0.39529E+00	-0.15869E+00	0.21675E+01	0.59337E+00	-0.20751E+01
59	-0.39907E+00	-0.63814E+00	-0.35932E+00	0.35916E+01	-0.19772E-01	-0.30357E+01
60	-0.70049E+00	-0.73310E+00	-0.44913E+00	0.34693E+01	0.16245E+00	-0.26879E+01
61	-0.57280E+00	-0.63792E+00	-0.33889E+00	0.34518E+01	0.12508E+00	-0.26891E+01
62	-0.30987E+00	-0.51963E+00	-0.25504E+00	0.33478E+01	-0.27412E-01	-0.23972E+01
63	-0.73705E+00	-0.66170E+00	-0.29502E+00	0.32185E+01	0.22097E+00	-0.27018E+01
64	-0.71532E+00	-0.64243E+00	-0.24294E+00	0.30353E+01	0.19377E+00	-0.23171E+01
65	-0.10354E+01	-0.60521E+00	0.13234E+00	0.28681E+01	0.60781E+00	-0.25288E+01
66	-0.13138E+01	-0.57415E+00	0.16041E+00	0.25997E+01	0.72581E+00	-0.21381E+01
67	-0.10949E+01	-0.56885E+00	0.26367E+00	0.24346E+01	0.55646E+00	-0.17564E+01
68	-0.11495E+01	-0.61606E+00	-0.23665E+00	0.24579E+01	0.53196E+00	-0.22009E+01
69	-0.93837E+00	-0.41507E+00	-0.38206E-01	0.24067E+01	0.41436E+00	-0.19409E+01
70	-0.13965E+01	-0.53457E+00	-0.20014E+00	0.21166E+01	0.56264E+00	-0.15121E+01
71	-0.10932E+01	-0.39160E+00	-0.66313E-01	0.20899E+01	0.59622E+00	-0.17853E+01
72	-0.13684E+01	-0.39373E+00	-0.79537E-01	0.19211E+01	0.58584E+00	-0.14753E+01
73	-0.33112E+00	-0.34309E+00	-0.15953E+00	0.30459E+01	0.46873E-01	-0.18237E+01
74	-0.53037E+00	-0.33846E+00	-0.33213E-01	0.26584E+01	0.13845E+00	-0.15971E+01
75	-0.10076E+01	-0.34270E+00	0.39779E+00	0.21323E+01	0.40060E+00	-0.12642E+01
76	-0.11952E+01	-0.38958E+00	-0.38988E-01	0.21195E+01	0.36906E+00	-0.15180E+01
77	-0.87251E+00	-0.44729E+00	0.37922E-01	0.15726E+01	0.24750E+00	-0.86599E+00
78	-0.10020E+01	-0.38789E+00	0.32304E-01	0.13110E+01	0.30037E+00	-0.56784E+00
79	-0.13947E+01	-0.35540E+00	-0.44795E-01	0.14867E+01	0.43607E+00	-0.93557E+00
80	-0.17217E+01	-0.50502E+00	-0.23818E+00	0.10949E+01	0.37218E+00	-0.49866E+00
81	-0.87386E+00	-0.22264E+00	0.18747E+00	0.65768E+00	0.28687E+00	-0.27922E+00
82	-0.11302E+01	-0.45182E+00	0.69451E-03	0.56521E+00	0.31357E+00	-0.20436E+00
83	-0.15689E+01	-0.30281E+00	-0.58368E-01	0.89809E+00	0.35868E+00	-0.37750E+00
84	-0.16891E+01	-0.35668E+00	-0.95756E-01	0.10165E+01	0.51175E+00	-0.42535E+00
85	-0.19523E+01	-0.44034E+00	-0.21777E+00	0.13228E+01	0.63756E+00	-0.92492E+00
86	-0.18652E+01	-0.34149E+00	-0.98903E-01	0.93835E+00	0.62167E+00	-0.58812E+00
87	-0.11268E+01	0.58958E-01	0.26306E+00	0.14294E+01	0.60481E+00	-0.95587E+00
88	-0.13368E+01	-0.37377E+00	-0.94389E-01	0.15394E+01	0.75753E+00	-0.13669E+01
89	-0.15072E+01	-0.42951E+00	-0.19547E+00	0.13531E+01	0.83824E+00	-0.12166E+01
90	-0.14953E+01	-0.13272E+00	0.53086E-01	0.98514E+00	0.91864E+00	-0.58157E+00
91	-0.17240E+01	-0.50845E+00	-0.27986E+00	0.89436E+00	0.10025E+01	-0.84399E+00
92	-0.16287E+01	-0.36432E+00	-0.18584E+00	0.65417E+00	0.10031E+01	-0.56036E+00
93	-0.10560E+01	-0.89574E-02	-0.27605E+00	0.16602E+01	0.80809E+00	-0.18437E+01
94	-0.10928E+01	-0.45919E+00	-0.38093E+00	0.16755E+01	0.71464E+00	-0.17997E+01
95	-0.69618E+00	-0.74458E+00	-0.41796E+00	0.12654E+01	0.67857E+00	-0.13309E+01
96	-0.94934E+00	-0.38351E+00	-0.18286E+00	0.16953E+01	0.66788E+00	-0.15723E+01
97	-0.55658E+00	-0.53774E+00	-0.27590E+00	0.14073E+01	0.67734E+00	-0.11352E+01
98	-0.78009E+00	-0.39464E+00	-0.15831E+00	0.11930E+01	0.63626E+00	-0.11218E+01
99	-0.74403E+00	0.37809E-02	-0.12463E+00	0.13373E+01	0.63012E+00	-0.12048E+01
100	-0.68012E+00	-0.12880E+00	-0.10376E-01	0.10116E+01	0.64040E+00	-0.83503E+00
101	-0.89858E+00	-0.30193E+00	-0.21956E+00	0.83648E+00	0.66388E+00	-0.63495E+00
102	-0.79702E+00	-0.42188E-01	0.44658E-01	0.72109E+00	0.67104E+00	-0.61150E+00
103	-0.69288E+00	-0.21354E+00	-0.13303E+00	0.42731E+00	0.61127E+00	-0.31604E+00
104	-0.68851E+00	-0.19447E+00	-0.14116E+00	0.23425E+00	0.61753E+00	-0.21308E+00
105	-0.11013E+01	-0.35961E+00	-0.51721E+00	0.14694E+01	0.10367E+01	-0.17267E+01
106	-0.16642E+01	-0.11689E+01	-0.13333E+01	0.19587E+00	0.11625E+01	-0.77297E+00
107	-0.13072E+01	-0.95742E+00	-0.10525E+01	0.83874E+00	0.11036E+01	-0.12199E+01
108	-0.10208E+01	-0.87124E+00	-0.69261E+00	0.86828E+00	0.10431E+01	-0.12250E+01
109	-0.75869E+00	-0.58645E+00	-0.74345E+00	0.39041E+00	0.10376E+01	-0.77767E+00
110	0.27472E-01	-0.84559E-01	-0.15969E+00	0.11427E+01	0.93253E+00	-0.12526E+01
111	0.59122E+00	0.25302E+00	0.10730E+00	0.85051E+00	0.84227E+00	-0.66707E+00
112	0.61440E+00	0.27905E+00	0.13921E+00	0.12723E+01	0.83790E+00	-0.65860E+00
113	0.49067E+00	-0.59450E-01	0.10818E+00	0.13074E+01	0.67475E+00	-0.13167E+01
114	0.83500E+00	0.42114E+00	0.29622E+00	0.11268E+01	0.61425E+00	-0.63821E+00

115	0.83972E+00	0.45149E+00	0.57245E+00	0.18924E+01	0.59349E+00	-0.61651E+00
116	0.13520E+00	-0.12300E+00	0.19173E-01	0.14197E+01	0.41850E+00	-0.11202E+01
117	0.10433E+00	0.20263E-03	-0.57103E-02	0.15766E+01	0.29837E+00	-0.56998E+00
118	0.16776E+00	0.44997E-01	0.10606E+00	0.13411E+01	0.27420E+00	-0.52363E+00
119	-0.65152E-01	-0.29975E-02	0.53678E-01	0.10725E+01	0.17961E+00	-0.82321E+00
120	-0.19429E+00	-0.15455E+00	-0.57447E-01	0.11117E+01	0.90868E-01	-0.46150E+00
121	-0.15039E+00	-0.11621E+00	0.13958E-01	0.92777E+00	0.77115E-01	-0.40167E+00
122	-0.48520E-01	0.20281E+00	0.19224E+00	0.80761E+00	0.24362E-01	-0.60852E+00
123	-0.17579E+00	-0.11584E+00	0.34203E-01	0.73529E+00	-0.50503E-01	-0.32904E+00
124	-0.15049E+00	-0.85534E-01	0.70197E-01	0.56174E+00	-0.55849E-01	-0.26054E+00
125	-0.19277E+00	0.78567E-01	0.97120E-01	0.40591E+00	-0.51517E-01	-0.28795E+00
126	-0.28651E+00	-0.15973E+00	-0.15359E-01	0.35609E+00	-0.64854E-01	-0.17373E+00
127	-0.28159E+00	-0.14576E+00	-0.12012E-01	0.15782E+00	-0.83066E-01	-0.12176E+00
128	-0.62503E-01	-0.10511E+00	0.14525E+00	0.20815E+00	-0.90679E-01	-0.14163E+00
129	-0.57373E-02	0.19745E-01	0.12802E+00	0.15043E+00	-0.12632E+00	-0.52674E-01
130	-0.14276E+01	-0.39848E+00	-0.64384E+00	0.23208E+01	0.10873E+01	-0.25252E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.83693E-01	-0.55797E+00	0.47427E+00	0.42067E+02	-0.48472E+01	-0.18136E+02
131	0.10156E+00	0.67707E+00	-0.57551E+00	0.99459E+02	-0.45675E+01	-0.51247E+02
132	0.60953E-01	0.40636E+00	-0.34540E+00	0.16363E+03	-0.35115E+01	-0.87591E+02
133	0.84638E-01	0.56425E+00	-0.47961E+00	0.23355E+03	-0.13755E+02	-0.12758E+03
134	0.14954E+00	0.99694E+00	-0.84740E+00	0.31051E+03	-0.20623E+02	-0.17524E+03
135	0.11357E+00	0.75714E+00	-0.64357E+00	0.36280E+03	-0.28367E+02	-0.21734E+03
136	0.17126E+00	0.11417E+01	-0.97043E+00	0.41021E+03	-0.30916E+02	-0.24605E+03
137	0.25856E+00	0.17237E+01	-0.14652E+01	0.42077E+03	-0.36681E+02	-0.23921E+03
138	-0.41256E+00	-0.27504E+01	0.19660E+01	0.42818E+03	-0.93235E+02	-0.27884E+03
139	-0.99925E+00	-0.66617E+01	0.44309E+01	0.42311E+03	-0.20499E+03	-0.29378E+03
140	-0.94984E+00	-0.63322E+01	0.53324E+01	0.51935E+03	-0.24951E+03	-0.33126E+03
141	-0.87871E+00	-0.58047E+01	0.49340E+01	0.52047E+03	-0.25474E+03	-0.35120E+03
142	-0.99903E+00	-0.66602E+01	0.56612E+01	0.53630E+03	-0.25616E+03	-0.37113E+03
143	-0.10201E+01	-0.68003E+01	0.57803E+01	-0.15430E+03	-0.35885E+03	0.28116E+03
144	-0.12730E+01	-0.84855E+01	0.72135E+01	-0.15850E+03	-0.35136E+03	0.26325E+03
145	-0.65996E+00	-0.43997E+01	0.61683E+01	-0.72820E+02	-0.28741E+03	0.67247E+03
146	-0.27836E+00	-0.18557E+01	0.41812E+01	-0.13309E+02	-0.21678E+03	0.59290E+03
147	-0.28946E+00	-0.19297E+01	0.41247E+01	-0.16439E+02	-0.22582E+03	0.58180E+03
148	-0.30308E+00	-0.20205E+01	0.12956E+00	-0.20249E+02	-0.23690E+03	0.58307E+03
149	-0.31949E+00	-0.21300E+01	0.19470E+00	-0.28420E+02	-0.25079E+03	0.59485E+03
150	-0.37330E+00	-0.24886E+01	0.79067E+00	-0.50287E+02	-0.27607E+03	0.57562E+03
151	-0.45743E+00	-0.30495E+01	-0.12810E+02	-0.67134E+02	-0.31754E+03	0.58903E+03
152	-0.43592E+00	-0.29062E+01	-0.23920E+02	-0.61894E+02	-0.30230E+03	0.58133E+03
153	-0.39742E+00	-0.26494E+01	-0.21118E+02	-0.66695E+02	-0.27684E+03	0.56487E+03
154	-0.29521E+00	-0.19680E+01	-0.41339E+02	-0.69143E+02	-0.20880E+03	0.54513E+03
155	-0.14306E+00	-0.95373E+00	-0.34202E+02	-0.44430E+02	-0.10283E+03	0.50504E+03
156	-0.24040E-01	-0.16027E+00	-0.28435E+02	-0.49759E+02	-0.23623E+02	0.46320E+03
157	0.66838E-01	0.44558E+00	-0.22692E+02	-0.33823E+02	0.39853E+02	0.40676E+03
158	0.13456E+00	0.89704E+00	-0.18395E+02	-0.32721E+02	0.85536E+02	0.35259E+03
159	0.18055E+00	0.12057E+01	-0.13038E+02	-0.26113E+02	0.11764E+03	0.28542E+03
160	0.20717E+00	0.13911E+01	-0.90882E+01	-0.21324E+02	0.13606E+03	0.22345E+03
161	0.23629E+00	0.15753E+01	-0.40864E+01	-0.70023E+01	0.14770E+03	0.14868E+03
162	0.23074E+00	0.15382E+01	0.11619E+01	-0.23055E+00	0.13628E+03	0.95763E+02
163	0.24562E+00	0.16374E+01	0.14698E+01	-0.70072E+01	0.14405E+03	0.61382E+02
164	0.21796E+00	0.14598E+01	0.19858E+01	-0.52935E+01	0.12857E+03	0.37527E+02

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165	0.71762E+02	0.80529E+01	0.26137E+01	-0.32422E+01	0.11939E+03	0.28678E+02
166	0.50411E+02	0.47611E+01	0.28292E+01	-0.42582E+01	0.10962E+03	0.27042E+02
167	0.35229E+02	0.29638E+01	0.23128E+01	-0.47012E+01	0.92506E+02	0.25739E+02
168	0.22933E+02	0.17635E+01	0.17063E+01	-0.51357E+01	0.75538E+02	0.24696E+02
169	0.10800E+02	0.53456E-01	0.15791E+01	-0.54382E+01	0.64549E+02	0.23605E+02
170	0.16775E+00	-0.17438E+01	0.17634E+01	-0.57204E+01	0.58772E+02	0.22384E+02
171	-0.98144E+01	-0.32216E+01	0.17050E+01	-0.60203E+01	0.49681E+02	0.20644E+02
172	-0.12953E+02	-0.32698E+01	0.12672E+01	-0.61210E+01	0.39210E+02	0.13611E+02
173	-0.98888E+01	-0.21106E+01	0.58660E+00	-0.58987E+01	0.29789E+02	0.16895E+02
174	-0.62970E+01	-0.81653E+00	-0.12124E+00	-0.52692E+01	0.23272E+02	0.15064E+02
175	-0.11010E+01	0.31180E+00	-0.42953E+00	-0.42557E+01	0.19146E+02	0.13319E+02
176	0.79036E+00	0.57383E+00	-0.40166E+00	-0.34278E+01	0.18219E+02	0.11825E+02
177	0.14309E+01	0.45619E+00	-0.20677E+00	-0.25069E+01	0.17316E+02	0.95185E+01
178	0.61413E+00	0.67773E-01	0.26700E-01	-0.17343E+01	0.12644E+02	0.68628E+01
179	-0.25173E+00	-0.87419E-01	0.46968E-01	-0.14325E+01	0.89634E+01	0.48423E+01
180	0.11600E-01	-0.19732E-01	0.20465E-01	-0.10743E+01	0.52861E+01	0.29286E+01
181	-0.73002E-01	-0.85395E-01	0.65365E-01	-0.85209E+00	0.24285E+01	0.10231E+01
182	0.30903E+00	0.14353E+00	-0.84497E-01	-0.29813E+00	-0.56957E+00	-0.32962E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.4900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.80282E-02	-0.18442E-04	-0.81225E-02	0.00000E+00
3	0.15127E-01	-0.25572E-04	-0.15086E-01	0.00000E+00
4	0.16943E-01	-0.25386E-04	-0.16858E-01	0.00000E+00
5	0.19503E-01	-0.22805E-04	-0.19495E-01	0.00000E+00
6	0.21302E-01	0.38020E-05	-0.21302E-01	0.00000E+00
7	0.19532E-01	0.26872E-03	-0.19593E-01	0.00000E+00
8	0.21366E-01	0.23617E-03	-0.21408E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.80762E-02	0.16172E-03	-0.81199E-02	0.00000E+00
11	0.15105E-01	0.37455E-03	-0.15206E-01	0.00000E+00
12	0.16899E-01	0.45017E-03	-0.17057E-01	0.00000E+00
13	0.19595E-01	0.50076E-03	-0.19753E-01	0.00000E+00
14	0.21505E-01	0.50479E-03	-0.21692E-01	0.00000E+00
15	0.19761E-01	0.97030E-03	-0.20174E-01	0.00000E+00
16	0.21740E-01	0.91952E-03	-0.22169E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.79025E-02	0.44392E-03	-0.82732E-02	0.00000E+00
19	0.15026E-01	0.10167E-02	-0.15616E-01	0.00000E+00
20	0.16957E-01	0.12670E-02	-0.17600E-01	0.00000E+00
21	0.19940E-01	0.13530E-02	-0.20617E-01	0.00000E+00
22	0.22045E-01	0.13336E-02	-0.22855E-01	0.00000E+00
23	0.20193E-01	0.20945E-02	-0.21237E-01	0.00000E+00
24	0.22555E-01	0.20631E-02	-0.23779E-01	0.00000E+00
25	0.22339E-01	0.26393E-02	-0.24343E-01	0.00000E+00
26	0.23009E-01	0.26724E-02	-0.24677E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.74089E-02	0.65272E-03	-0.82310E-02	0.00000E+00
29	0.14477E-01	0.16260E-02	-0.15757E-01	0.00000E+00
30	0.16664E-01	0.21469E-02	-0.17979E-01	0.00000E+00
31	0.20127E-01	0.27064E-02	-0.21734E-01	0.00000E+00
32	0.23172E-01	0.31294E-02	-0.25029E-01	0.00000E+00
33	0.20054E-01	0.28343E-02	-0.21833E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.72054E-02	0.62550E-03	-0.81241E-02	0.00000E+00
36	0.14197E-01	0.15851E-02	-0.15609E-01	0.00000E+00
37	0.16434E-01	0.20990E-02	-0.17821E-01	0.00000E+00
38	0.19983E-01	0.27483E-02	-0.21828E-01	0.00000E+00
39	0.23402E-01	0.32436E-02	-0.25609E-01	0.00000E+00
40	0.23357E-01	0.32350E-02	-0.25486E-01	0.00000E+00
41	0.23312E-01	0.32267E-02	-0.25368E-01	0.00000E+00
42	0.23262E-01	0.32106E-02	-0.25221E-01	0.00000E+00
43	0.15991E-01	0.17060E-02	-0.17117E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.65729E-02	0.40911E-03	-0.73778E-02	0.00000E+00
46	0.13281E-01	0.10323E-02	-0.14197E-01	0.00000E+00
47	0.23414E-01	0.32435E-02	-0.25648E-01	0.00000E+00
48	0.23417E-01	0.32439E-02	-0.25650E-01	0.00000E+00
49	0.19956E-01	0.27053E-02	-0.21787E-01	0.00000E+00
50	0.23433E-01	0.32653E-02	-0.25705E-01	0.00000E+00
51	0.19504E-01	0.22430E-02	-0.20669E-01	0.00000E+00
52	0.22792E-01	0.30574E-02	-0.23832E-01	0.00000E+00
53	0.23405E-01	0.32303E-02	-0.25645E-01	0.00000E+00
54	0.15503E-01	0.14026E-02	-0.16188E-01	0.00000E+00
55	0.18834E-01	0.19056E-02	-0.19424E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.61028E-02	-0.52037E-04	-0.62644E-02	0.00000E+00
58	0.12482E-01	0.38227E-03	-0.12314E-01	0.00000E+00
59	0.21837E-01	0.24371E-02	-0.22073E-01	0.00000E+00
60	0.22513E-01	0.29062E-02	-0.23278E-01	0.00000E+00
61	0.23437E-01	0.32780E-02	-0.25742E-01	0.00000E+00
62	0.14570E-01	0.53319E-03	-0.14099E-01	0.00000E+00
63	0.17668E-01	0.81531E-03	-0.16800E-01	0.00000E+00
64	0.22947E-01	0.30921E-02	-0.24009E-01	0.00000E+00
65	0.23442E-01	0.32902E-02	-0.25778E-01	0.00000E+00
66	0.23479E-01	0.33144E-02	-0.25850E-01	0.00000E+00
67	0.23516E-01	0.33385E-02	-0.25925E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.59270E-02	-0.12967E-03	-0.31028E-02	0.00000E+00
70	0.11723E-01	-0.20959E-03	-0.10016E-01	0.00000E+00
71	0.20375E-01	0.11447E-02	-0.19292E-01	0.00000E+00
72	0.22982E-01	0.30650E-02	-0.23727E-01	0.00000E+00
73	0.16527E-01	-0.67237E-04	-0.13848E-01	0.00000E+00
74	0.23796E-01	0.32260E-02	-0.24455E-01	0.00000E+00
75	0.23547E-01	0.33588E-02	-0.25992E-01	0.00000E+00
76	0.23745E-01	0.33954E-02	-0.26107E-01	0.00000E+00
77	0.19126E-01	0.11898E-03	-0.15833E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.57598E-02	-0.35731E-03	-0.39705E-02	0.00000E+00
80	0.11161E-01	-0.69951E-03	-0.77308E-02	0.00000E+00
81	0.12754E-01	-0.84928E-03	-0.88679E-02	0.00000E+00
82	0.15290E-01	-0.79023E-03	-0.10701E-01	0.00000E+00
83	0.23349E-01	0.15565E-02	-0.21570E-01	0.00000E+00
84	0.20541E-01	-0.31913E-03	-0.15063E-01	0.00000E+00
85	0.24168E-01	0.34424E-02	-0.26259E-01	0.00000E+00
86	0.24740E-01	0.33433E-02	-0.25249E-01	0.00000E+00
87	0.17699E-01	-0.69428E-03	-0.12485E-01	0.00000E+00
88	0.24237E-01	0.25206E-02	-0.23519E-01	0.00000E+00
89	0.24549E-01	0.34839E-02	-0.26404E-01	0.00000E+00
90	0.12968E-01	-0.52214E-03	-0.67596E-02	0.00000E+00
91	0.14181E-01	-0.41303E-03	-0.71074E-02	0.00000E+00
92	0.15011E-01	-0.28590E-03	-0.74011E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.48834E-02	0.00000E+00	-0.16597E-02	0.00000E+00
95	0.89507E-02	0.00000E+00	-0.29846E-02	0.00000E+00
96	0.99108E-02	0.00000E+00	-0.32636E-02	0.00000E+00
97	0.11149E-01	0.00000E+00	-0.37342E-02	0.00000E+00
98	0.11649E-01	0.00000E+00	-0.39212E-02	0.00000E+00
99	0.12709E-01	-0.26549E-03	-0.55472E-02	0.00000E+00
100	0.16275E-01	-0.29008E-03	-0.86968E-02	0.00000E+00
101	0.23025E-01	0.13744E-03	-0.16357E-01	0.00000E+00
102	0.25558E-01	0.35368E-02	-0.26610E-01	0.00000E+00
103	0.24994E-01	0.18091E-02	-0.22787E-01	0.00000E+00
104	0.26302E-01	0.35252E-02	-0.26241E-01	0.00000E+00
105	0.26397E-01	0.35824E-02	-0.26791E-01	0.00000E+00
106	0.26221E-01	0.20370E-02	-0.23589E-01	0.00000E+00
107	0.27529E-01	0.36808E-02	-0.26901E-01	0.00000E+00
108	0.27122E-01	0.36165E-02	-0.26946E-01	0.00000E+00
109	0.27710E-01	0.36413E-02	-0.27065E-01	0.00000E+00
110	0.27998E-01	0.23757E-02	-0.24421E-01	0.00000E+00
111	0.28487E-01	0.38204E-02	-0.27350E-01	0.00000E+00
112	0.28201E-01	0.36574E-02	-0.27149E-01	0.00000E+00
113	0.28505E-01	0.26075E-02	-0.25184E-01	0.00000E+00
114	0.28555E-01	0.36612E-02	-0.27189E-01	0.00000E+00
115	0.28802E-01	0.36582E-02	-0.27189E-01	0.00000E+00
116	0.28921E-01	0.36467E-02	-0.27136E-01	0.00000E+00

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117	0.22703E-01	0.37970E-02	-0.27398E-01	0.00000E+00
118	0.28926E-01	0.36390E-02	-0.27095E-01	0.00000E+00
119	0.28911E-01	0.36228E-02	-0.26996E-01	0.00000E+00
120	0.29208E-01	0.37196E-02	-0.27293E-01	0.00000E+00
121	0.28873E-01	0.35961E-02	-0.26858E-01	0.00000E+00
122	0.28869E-01	0.35722E-02	-0.26834E-01	0.60219E-05
123	0.28850E-01	0.35192E-02	-0.26898E-01	0.11132E-04
124	0.28817E-01	0.34315E-02	-0.26912E-01	0.17515E-04
125	0.23755E-01	0.32986E-02	-0.26924E-01	0.26003E-04
126	0.28593E-01	0.29674E-02	-0.26944E-01	0.38636E-04
127	0.28395E-01	0.25428E-02	-0.26961E-01	0.44968E-04
128	0.27940E-01	0.15292E-02	-0.26996E-01	0.44365E-04
129	0.27568E-01	0.64758E-03	-0.27026E-01	0.34822E-04
130	0.27289E-01	-0.67844E-04	-0.27057E-01	0.20413E-04
131	0.27142E-01	-0.51230E-03	-0.27106E-01	0.19697E-05
132	0.27165E-01	-0.39075E-03	-0.27150E-01	-0.53237E-05
133	0.27252E-01	-0.15734E-03	-0.27192E-01	-0.43380E-05
134	0.27282E-01	-0.39692E-04	-0.27228E-01	-0.13995E-05
135	0.27289E-01	-0.24389E-04	-0.27257E-01	-0.22456E-07
136	0.27293E-01	-0.22756E-04	-0.27278E-01	-0.27749E-06
137	0.27296E-01	-0.14857E-04	-0.27291E-01	-0.29021E-06
138	0.27298E-01	-0.28071E-05	-0.27298E-01	-0.46106E-06
139	0.27298E-01	-0.29369E-06	-0.27298E-01	-0.30050E-06

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.4900E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.29339E-01	0.46127E-01	0.15631E-01	0.99181E+00	0.53691E-02	-0.99863E+00
2	0.20798E-01	0.41526E-01	0.36229E-02	0.88626E+00	0.31227E-02	-0.87820E+00
3	-0.10244E-01	0.32159E-01	-0.19054E-01	0.73049E+00	-0.14488E-01	-0.72389E+00
4	0.61094E-01	0.51710E-01	0.64267E-01	0.60627E+00	-0.24554E-01	-0.61109E+00
5	-0.12924E-01	0.18160E-01	-0.19530E-01	0.60908E+00	-0.10209E-01	-0.61336E+00
6	0.49397E-01	0.44170E-01	-0.52894E-03	0.62613E+00	-0.15298E-01	-0.62852E+00
7	0.21710E-01	0.70327E-02	-0.12172E-01	0.45642E+00	-0.10122E-01	-0.45116E+00
8	0.51825E-01	0.13416E-01	-0.11601E-01	0.46287E+00	-0.26639E-01	-0.46688E+00
9	0.91807E-01	0.18145E+00	0.94530E-01	0.98646E+00	-0.57753E-03	-0.10098E+01
10	0.73304E-01	0.18623E+00	0.64404E-01	0.89937E+00	-0.74068E-02	-0.90744E+00
11	0.29950E-01	0.15622E+00	-0.42948E-01	0.79361E+00	-0.34794E-01	-0.78250E+00
12	0.13943E+00	0.97220E-01	0.42064E-01	0.66901E+00	-0.57378E-01	-0.63393E+00
13	0.26406E-01	0.62192E-01	-0.32786E-01	0.68667E+00	-0.24721E-01	-0.67073E+00
14	0.15474E+00	0.12734E+00	0.33132E-01	0.71547E+00	-0.51520E-01	-0.71262E+00
15	0.11061E+00	0.27704E-01	-0.46789E-02	0.51565E+00	-0.59695E-01	-0.49323E+00
16	0.13426E+00	0.23932E-01	-0.19391E-01	0.53417E+00	-0.72385E-01	-0.53336E+00
17	0.11997E+00	0.29108E+00	0.13898E+00	0.94359E+00	0.10674E-01	-0.10169E+01
18	0.49061E-01	0.31672E+00	0.80995E-01	0.89813E+00	0.19592E-01	-0.93710E+00
19	-0.97448E-01	0.31222E+00	-0.87166E-01	0.86720E+00	0.19176E-01	-0.86345E+00
20	0.21718E+00	0.16313E+00	0.60174E-01	0.78024E+00	-0.78995E-01	-0.71917E+00
21	0.40510E-01	0.26314E+00	0.20490E-01	0.81078E+00	0.23951E-02	-0.81367E+00
22	0.24690E+00	0.51272E+00	0.18632E+00	0.85765E+00	-0.45325E-01	-0.83719E+00
23	0.22159E+00	0.80964E-01	0.16671E-01	0.63829E+00	-0.10206E+00	-0.60438E+00
24	0.41749E+00	0.20007E+00	0.12398E+00	0.73553E+00	-0.15984E+00	-0.64904E+00
25	0.25611E+00	0.31190E+00	0.95136E-01	0.74051E+00	-0.89785E-01	-0.74145E+00
26	0.84224E+00	0.80821E+00	0.51459E+00	0.85857E+00	-0.18866E+00	-0.82677E+00
27	0.12455E+00	0.32944E+00	0.15227E+00	0.88984E+00	0.23260E-01	-0.10072E+01
28	0.18686E-01	0.37062E+00	0.81022E-01	0.85102E+00	0.57122E-01	-0.94435E+00
29	-0.24020E+00	0.38347E+00	-0.12579E+00	0.79003E+00	0.13798E+00	-0.90247E+00
30	0.65210E-01	0.33613E+00	0.51523E-01	0.81942E+00	-0.74228E-02	-0.88901E+00
31	0.56984E-01	0.49590E+00	0.10232E+00	0.74696E+00	0.87060E-01	-0.91997E+00
32	0.14428E+00	0.50391E+00	0.13080E+00	0.71918E+00	0.48811E-01	-0.93860E+00
33	0.59749E+00	0.66141E+00	0.35564E+00	0.80477E+00	-0.11993E+00	-0.86794E+00
34	0.12643E+01	0.10540E+01	0.78448E+00	0.81735E+00	-0.24622E+00	-0.93966E+00
35	0.47411E+00	0.55629E+00	0.25540E+00	0.79406E+00	-0.83332E-01	-0.93842E+00
36	-0.19973E-01	0.27197E+00	-0.47891E-01	0.75219E+00	0.56032E-01	-0.96161E+00
37	0.57228E+00	0.70405E+00	0.35320E+00	0.83194E+00	-0.89301E-01	-0.99431E+00
38	0.86001E-01	0.25677E+00	0.11335E+00	0.83443E+00	0.34632E-01	-0.95243E+00
39	-0.18190E-01	0.28379E+00	0.50366E-01	0.81025E+00	0.95564E-01	-0.89215E+00
40	-0.23679E+00	0.33818E+00	-0.10243E+00	0.71025E+00	0.25405E+00	-0.88895E+00
41	-0.29871E+00	0.24902E+00	-0.13284E+00	0.74858E+00	0.24322E+00	-0.86852E+00
42	-0.32513E+00	0.22004E+00	-0.11666E+00	0.72960E+00	0.29310E+00	-0.77970E+00
43	-0.27966E-01	0.38549E+00	0.30784E-01	0.70372E+00	0.14474E+00	-0.93763E+00
44	-0.16047E+00	0.23636E+00	-0.63179E-01	0.67707E+00	0.23664E+00	-0.82351E+00
45	-0.23437E+00	0.20366E+00	-0.71014E-01	0.70525E+00	0.22713E+00	-0.81297E+00
46	-0.11641E+00	0.26345E+00	0.12119E-01	0.68249E+00	0.17052E+00	-0.73672E+00
47	0.20286E+00	0.47225E+00	0.11711E+00	0.78115E+00	0.35762E-01	-0.10012E+01
48	0.23321E+00	0.51244E+00	0.14097E+00	0.83131E+00	0.63330E-01	-0.10115E+01
49	0.55305E-01	0.47210E+00	0.77125E-01	0.79195E+00	0.18664E+00	-0.10603E+01
50	-0.67254E+00	0.92159E-01	-0.33226E+00	0.65673E+00	0.50102E+00	-0.75391E+00
51	-0.11546E+00	-0.24288E-02	-0.21587E+00	0.32551E-01	0.67409E-01	-0.20635E+00
52	-0.78334E+00	-0.68181E+00	-0.72581E+00	-0.30681E+00	0.27202E+00	0.78410E+00
53	-0.24050E+00	0.29770E+00	-0.17960E-01	0.58875E+00	0.25136E+00	-0.66220E+00
54	-0.56331E-02	0.85204E-01	0.21375E-01	0.76153E+00	0.44557E-01	-0.83547E+00

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55	-0.72618E-01	0.13707E+00	0.72293E-02	0.76281E+00	0.11650E+00	-0.79369E+00
56	-0.31240E+00	0.13252E+00	-0.73302E-01	0.67880E+00	0.29873E+00	-0.71813E+00
57	-0.21625E+00	0.14005E+00	-0.29012E-01	0.61704E+00	0.20373E+00	-0.66439E+00
58	-0.24617E+00	0.15512E+00	-0.18848E-01	0.53140E+00	0.22796E+00	-0.58571E+00
59	0.22607E-01	0.35328E-01	0.21191E-01	0.74589E+00	0.70820E-03	-0.76583E+00
60	-0.12977E+00	-0.13569E+00	-0.98517E-01	0.71109E+00	0.82448E-01	-0.62335E+00
61	-0.98147E-01	-0.10532E+00	-0.54200E-01	0.70772E+00	0.73323E-01	-0.62186E+00
62	-0.14938E+00	-0.23672E+00	-0.13672E+00	0.70397E+00	-0.63264E-02	-0.48402E+00
63	-0.11204E+00	-0.12911E-01	-0.27317E-01	0.71564E+00	0.11877E+00	-0.67025E+00
64	-0.17926E+00	-0.17741E+00	-0.83695E-01	0.65797E+00	0.10424E+00	-0.52625E+00
65	-0.27567E+00	0.57583E-01	-0.11992E-01	0.67911E+00	0.31651E+00	-0.66069E+00
66	-0.36677E+00	-0.62505E-01	-0.53928E-02	0.60967E+00	0.33616E+00	-0.53400E+00
67	-0.27489E+00	-0.22002E+00	0.17429E-01	0.51199E+00	0.27135E+00	-0.40453E+00
68	-0.26590E+00	0.54228E-01	-0.26409E-01	0.59471E+00	0.23503E+00	-0.59175E+00
69	-0.26352E+00	-0.66709E-01	-0.40980E-01	0.56077E+00	0.19414E+00	-0.51047E+00
70	-0.40531E+00	-0.16542E+00	-0.97787E-01	0.48695E+00	0.22610E+00	-0.39005E+00
71	-0.32739E+00	0.87812E-02	-0.41690E-01	0.51378E+00	0.24716E+00	-0.49271E+00
72	-0.36754E+00	-0.75534E-01	-0.35392E-01	0.47604E+00	0.23091E+00	-0.40373E+00
73	-0.95785E-01	-0.12339E+00	-0.59840E-01	0.65369E+00	0.11244E-01	-0.34336E+00
74	-0.13916E+00	-0.12439E+00	-0.25422E-01	0.58834E+00	0.36120E-01	-0.30866E+00
75	-0.24691E+00	-0.11653E+00	0.96441E-01	0.49634E+00	0.11073E+00	-0.25350E+00
76	-0.33824E+00	-0.11137E+00	-0.29756E-01	0.56123E+00	0.11719E+00	-0.38929E+00
77	-0.24486E+00	-0.16792E+00	-0.17065E-01	0.37280E+00	0.69124E-01	-0.14605E+00
78	-0.25133E+00	-0.93790E-01	0.16909E-01	0.29102E+00	0.75753E-01	-0.10053E+00
79	-0.42789E+00	-0.13034E+00	-0.53467E-01	0.40426E+00	0.14125E+00	-0.22453E+00
80	-0.47606E+00	-0.15619E+00	-0.79904E-01	0.27640E+00	0.82677E-01	-0.71710E-01
81	-0.22724E+00	-0.64323E-01	0.47796E-01	0.15083E+00	0.72381E-01	-0.41855E-01
82	-0.28145E+00	-0.10875E+00	0.95597E-02	0.12975E+00	0.73283E-01	-0.39818E-01
83	-0.41241E+00	-0.69197E-01	-0.77863E-02	0.24443E+00	0.78440E-01	-0.78692E-01
84	-0.53247E+00	-0.14664E+00	-0.78727E-01	0.26754E+00	0.16499E+00	-0.81290E-01
85	-0.58875E+00	-0.58206E-01	-0.65768E-01	0.39346E+00	0.21842E+00	-0.26990E+00
86	-0.60584E+00	-0.97065E-01	-0.69622E-01	0.33769E+00	0.21180E+00	-0.17342E+00
87	-0.43135E+00	-0.14754E+00	-0.65150E-01	0.37894E+00	0.23080E+00	-0.26853E+00
88	-0.38958E+00	0.16653E-01	-0.27717E-01	0.40587E+00	0.27929E+00	-0.38669E+00
89	-0.41942E+00	0.11331E-01	-0.31218E-01	0.34729E+00	0.29340E+00	-0.34492E+00
90	-0.49969E+00	-0.39977E-01	-0.33048E-01	0.23695E+00	0.30512E+00	-0.18263E+00
91	-0.52737E+00	-0.69365E-01	-0.78171E-01	0.23304E+00	0.32117E+00	-0.23693E+00
92	-0.53431E+00	-0.93433E-01	-0.71457E-01	0.17948E+00	0.31434E+00	-0.15326E+00
93	-0.28019E+00	0.36971E+00	0.40257E-03	0.40157E+00	0.28518E+00	-0.54693E+00
94	-0.33096E+00	0.12590E+00	-0.87070E-01	0.41149E+00	0.25549E+00	-0.51926E+00
95	-0.21073E+00	0.14051E-01	-0.87604E-01	0.27726E+00	0.22633E+00	-0.38698E+00
96	-0.27949E+00	0.98895E-01	-0.32147E-01	0.41105E+00	0.23060E+00	-0.45804E+00
97	-0.18395E+00	0.44116E-01	-0.50603E-01	0.31695E+00	0.22124E+00	-0.33491E+00
98	-0.23058E+00	0.25923E-01	-0.28769E-01	0.27948E+00	0.19741E+00	-0.33267E+00
99	-0.26724E+00	0.86087E-01	0.34913E-02	0.32799E+00	0.21037E+00	-0.36369E+00
100	-0.17861E+00	0.89128E-01	0.37816E-01	0.22712E+00	0.18566E+00	-0.25056E+00
101	-0.22280E+00	0.16581E-01	-0.24751E-03	0.15649E+00	0.17816E+00	-0.18508E+00
102	-0.14209E+00	0.75241E-01	0.10712E+00	0.18494E+00	0.15798E+00	-0.18031E+00
103	-0.49600E-01	0.85535E-04	0.94148E-01	-0.22167E-01	0.13066E+00	-0.82960E-01
104	-0.74884E-01	-0.46453E-01	0.79475E-01	-0.22387E-01	0.12535E+00	-0.46608E-01
105	-0.38267E+00	0.15610E+00	-0.14841E+00	0.36191E+00	0.34265E+00	-0.51270E+00
106	-0.63845E+00	-0.30663E+00	-0.51206E+00	-0.15464E-01	0.37253E+00	-0.24209E+00
107	-0.47346E+00	-0.15216E+00	-0.36802E+00	0.46912E+00	0.35513E+00	-0.36830E+00
108	-0.39146E+00	-0.12670E+00	-0.31993E+00	0.17649E+00	0.33672E+00	-0.37039E+00
109	-0.38059E+00	-0.14148E+00	-0.33889E+00	0.46319E-01	0.33398E+00	-0.24285E+00
110	-0.38603E-01	0.16347E+00	-0.57206E-01	0.28057E+00	0.30072E+00	-0.38658E+00
111	0.15874E-01	0.81524E-01	-0.89692E-01	0.19249E+00	0.26973E+00	-0.20940E+00
112	0.22063E-01	0.84847E-01	-0.77553E-01	0.32061E+00	0.26675E+00	-0.20782E+00
113	0.16823E+00	0.23657E+00	0.89688E-01	0.36200E+00	0.21633E+00	-0.40197E+00
114	0.14002E+00	0.15567E+00	0.13395E-01	0.29005E+00	0.19385E+00	-0.20423E+00

115	0.15497E+00	0.16064E+00	0.45803E-01	0.52751E+00	0.13512E+00	-0.19863E+00
116	0.11942E+00	0.22798E+00	0.10569E+00	0.40916E+00	0.12902E+00	-0.35090E+00
117	-0.25074E-01	0.50044E-01	-0.22632E-01	0.44672E+00	0.86147E-01	-0.13748E+00
118	-0.86453E-02	0.54030E-01	0.14453E-01	0.38510E+00	0.75818E-01	-0.17393E+00
119	0.27912E-01	0.16825E+00	0.97617E-01	0.33046E+00	0.43880E-01	-0.26455E+00
120	-0.44634E-01	0.31335E-01	0.28774E-01	0.32369E+00	0.99275E-02	-0.15638E+00
121	-0.34324E-01	0.32074E-01	0.53810E-01	0.27145E+00	0.25643E-02	-0.13786E+00
122	0.33200E-01	0.21114E+00	0.18015E+00	0.27210E+00	-0.19139E-01	-0.20968E+00
123	0.72187E-01	0.94845E-01	0.15049E+00	0.21336E+00	-0.51569E-01	-0.11565E+00
124	0.76440E-01	0.91804E-01	0.16416E+00	0.15521E+00	-0.56278E-01	-0.93559E-01
125	0.24753E-01	0.40342E-01	0.12044E+00	0.13458E+00	-0.58728E-01	-0.10248E+00
126	0.12960E+00	0.12056E+00	0.21557E+00	0.84979E-01	-0.76772E-01	-0.64543E-01
127	0.12857E+00	0.11534E+00	0.21821E+00	0.25325E-01	-0.78608E-01	-0.48412E-01
128	0.21375E+00	0.15057E+00	0.26851E+00	0.57689E-01	-0.86974E-01	-0.50843E-01
129	0.41123E+00	0.29141E+00	0.41863E+00	-0.40821E-02	-0.10806E+00	-0.17036E-01
183	-0.42077E+00	0.27733E+00	-0.12110E+00	0.61866E+00	0.36546E+00	-0.74817E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.4900E+01

FL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.13184E+00	-0.87892E+00	0.74708E+00	0.11100E+02	-0.60234E+01	-0.52933E+01
131	-0.41689E-01	-0.27793E+00	0.23624E+00	0.24063E+02	-0.10517E+02	-0.16673E+02
132	-0.70725E-01	-0.47150E+00	0.40078E+00	0.40973E+02	-0.16599E+02	-0.28360E+02
133	-0.44835E-01	-0.29890E+00	0.25407E+00	0.60240E+02	-0.22557E+02	-0.41281E+02
134	-0.84326E-01	-0.56217E+00	0.47785E+00	0.82289E+02	-0.28541E+02	-0.56339E+02
135	-0.12633E+00	-0.84223E+00	0.71589E+00	0.10012E+03	-0.32929E+02	-0.69690E+02
136	-0.77805E-01	-0.51370E+00	0.44089E+00	0.11341E+03	-0.34950E+02	-0.78835E+02
137	-0.84679E-01	-0.56453E+00	0.47985E+00	0.10344E+03	-0.38881E+02	-0.82941E+02
138	-0.10692E+00	-0.71279E+00	0.48166E+00	0.11210E+03	-0.69579E+02	-0.89422E+02
139	0.31654E+00	0.21103E+01	-0.22569E+01	0.10708E+03	-0.13146E+03	-0.94757E+02
140	0.92316E+00	0.61544E+01	-0.52312E+01	0.13975E+03	-0.15899E+03	-0.10744E+03
141	0.87613E+00	0.58408E+01	-0.49647E+01	0.13936E+03	-0.16121E+03	-0.11473E+03
142	0.10056E+01	0.67040E+01	-0.56984E+01	0.14732E+03	-0.16156E+03	-0.12185E+03
143	0.10340E+01	0.68931E+01	-0.58592E+01	-0.59682E+02	-0.19237E+03	0.89285E+02
144	0.12225E+01	0.81503E+01	-0.69277E+01	-0.57624E+02	-0.18945E+03	0.82817E+02
145	-0.35087E+00	-0.23391E+01	0.28784E+00	0.92812E+02	-0.13307E+03	0.21806E+03
146	-0.14260E+00	-0.95065E+00	0.64725E+00	0.83454E+02	-0.97514E+02	0.19300E+03
147	-0.14458E+00	-0.96387E+00	0.63046E+00	0.79831E+02	-0.99587E+02	0.19006E+03
148	-0.14667E+00	-0.97780E+00	-0.53541E+00	0.78471E+02	-0.10140E+03	0.19082E+03
149	-0.14895E+00	-0.99297E+00	-0.51948E+00	0.77960E+02	-0.10324E+03	0.19484E+03
150	-0.16802E+00	-0.11201E+01	-0.41534E+00	0.64643E+02	-0.11117E+03	0.18947E+03
151	-0.19896E+00	-0.13264E+01	-0.45427E+01	0.63442E+02	-0.12422E+03	0.19462E+03
152	-0.18430E+00	-0.12287E+01	-0.79153E+01	0.61924E+02	-0.11459E+03	0.19358E+03
153	-0.16334E+00	-0.10889E+01	-0.70600E+01	0.54456E+02	-0.10162E+03	0.18986E+03
154	-0.12036E+00	-0.80238E+00	-0.13330E+02	0.48322E+02	-0.73653E+02	0.18525E+03
155	-0.59878E-01	-0.39918E+00	-0.11038E+02	0.46090E+02	-0.33335E+02	0.17429E+03
156	-0.90235E-02	-0.60157E-01	-0.95497E+01	0.38165E+02	-0.34066E+00	0.16246E+03
157	0.33995E-01	0.22663E+00	-0.77688E+01	0.31995E+02	0.27650E+02	0.14576E+03
158	0.70249E-01	0.46833E+00	-0.65663E+01	0.25603E+02	0.51060E+02	0.12928E+03
159	0.10007E+00	0.66716E+00	-0.48273E+01	0.14689E+02	0.69471E+02	0.10833E+03
160	0.12327E+00	0.82178E+00	-0.34984E+01	0.93602E+01	0.84261E+02	0.88460E+02
161	0.15516E+00	0.10344E+01	-0.21431E+01	0.13068E+01	0.97870E+02	0.64546E+02
162	0.16816E+00	0.11211E+01	-0.58490E+00	-0.22055E+01	0.99016E+02	0.47268E+02
163	0.20111E+00	0.13408E+01	-0.40547E+00	-0.71353E+01	0.11774E+03	0.34500E+02
164	0.21099E+00	0.14066E+01	-0.14136E+00	-0.15816E+02	0.12227E+03	0.22705E+02

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165	-0.13011E+03	0.21315E+02	-0.13225E+01	0.80259E+01	0.12918E+03	0.16428E+02
166	0.10842E+03	0.16404E+02	0.30805E+00	0.63197E+01	0.12074E+03	0.14820E+02
167	0.88016E+02	0.12280E+02	0.11599E+01	0.52936E+01	0.10381E+03	0.13484E+02
168	0.69056E+02	0.90326E+01	0.14962E+01	0.42601E+01	0.86219E+02	0.12346E+02
169	0.46054E+02	0.49790E+01	0.20287E+01	0.32887E+01	0.74578E+02	0.11061E+02
170	0.22801E+02	0.62420E+00	0.28547E+01	0.21719E+01	0.67334E+02	0.95789E+01
171	-0.15454E+01	-0.36716E+01	0.34012E+01	0.64813E+00	0.53468E+02	0.74909E+01
172	-0.16781E+02	-0.58402E+01	0.32146E+01	-0.96318E+00	0.34509E+02	0.52440E+01
173	-0.18361E+02	-0.49480E+01	0.20821E+01	-0.19397E+01	0.17319E+02	0.37132E+01
174	-0.11642E+02	-0.25563E+01	0.75036E+00	-0.22971E+01	0.45324E+01	0.27645E+01
175	-0.30207E+01	-0.35104E+00	-0.92583E-01	-0.18258E+01	0.83258E+00	0.25211E+01
176	0.31083E+00	0.26090E+00	-0.19033E+00	-0.12832E+01	0.22073E+01	0.24780E+01
177	0.68736E+00	0.20780E+00	-0.90222E-01	-0.87141E+00	0.32127E+01	0.20930E+01
178	0.23142E+00	0.38067E-01	-0.10485E-02	-0.59736E+00	0.25765E+01	0.15235E+01
179	-0.44825E-01	-0.18516E-01	0.11675E-01	-0.47253E+00	0.18403E+01	0.10760E+01
180	-0.29388E-02	-0.85535E-02	0.77009E-02	-0.33817E+00	0.10746E+01	0.64988E+00
181	-0.18712E-01	-0.17553E-01	0.13150E-01	-0.23121E+00	0.48904E+00	0.23167E+00
182	0.70933E-01	0.32943E-01	-0.19394E-01	-0.66590E-01	-0.10469E+00	-0.11312E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.34100E-01	0.16610E-04	0.34465E-01	0.00000E+00
3	-0.65353E-01	-0.10783E-03	0.65351E-01	0.00000E+00
4	-0.73817E-01	-0.11066E-03	0.73578E-01	0.00000E+00
5	-0.85810E-01	0.15106E-04	0.85785E-01	0.00000E+00
6	-0.94477E-01	-0.60213E-05	0.94481E-01	0.00000E+00
7	-0.85968E-01	-0.58637E-03	0.86093E-01	0.00000E+00
8	-0.94756E-01	-0.46161E-03	0.94865E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.33900E-01	-0.30270E-03	0.33982E-01	0.00000E+00
11	-0.64959E-01	-0.73978E-03	0.65198E-01	0.00000E+00
12	-0.73626E-01	-0.90516E-03	0.73939E-01	0.00000E+00
13	-0.86234E-01	-0.83739E-03	0.86318E-01	0.00000E+00
14	-0.95397E-01	-0.67623E-03	0.95881E-01	0.00000E+00
15	-0.86886E-01	-0.14135E-02	0.88010E-01	0.00000E+00
16	-0.96461E-01	-0.10637E-02	0.97596E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.33371E-01	-0.46907E-03	0.34238E-01	0.00000E+00
19	-0.64756E-01	-0.12619E-02	0.66220E-01	0.00000E+00
20	-0.73980E-01	-0.15966E-02	0.75536E-01	0.00000E+00
21	-0.87577E-01	-0.15403E-02	0.89424E-01	0.00000E+00
22	-0.97991E-01	-0.12509E-02	0.10008E+00	0.00000E+00
23	-0.88504E-01	-0.19887E-02	0.91452E-01	0.00000E+00
24	-0.10004E+00	-0.13683E-02	0.10346E+00	0.00000E+00
25	-0.10125E+00	-0.17165E-02	0.10554E+00	0.00000E+00
26	-0.10198E+00	-0.16905E-02	0.10678E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.32659E-01	-0.21338E-03	0.33765E-01	0.00000E+00
29	-0.64041E-01	-0.92963E-03	0.66101E-01	0.00000E+00
30	-0.73861E-01	-0.14084E-02	0.76285E-01	0.00000E+00
31	-0.89058E-01	-0.18292E-02	0.92987E-01	0.00000E+00
32	-0.10271E+00	-0.15259E-02	0.10809E+00	0.00000E+00
33	-0.89110E-01	-0.18205E-02	0.93234E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.32449E-01	-0.43375E-05	0.33305E-01	0.00000E+00
36	-0.63720E-01	-0.43616E-03	0.65373E-01	0.00000E+00
37	-0.73545E-01	-0.76897E-03	0.75442E-01	0.00000E+00
38	-0.89122E-01	-0.13162E-02	0.93096E-01	0.00000E+00
39	-0.10365E+00	-0.16976E-02	0.11006E+00	0.00000E+00
40	-0.10346E+00	-0.16933E-02	0.10963E+00	0.00000E+00
41	-0.10327E+00	-0.16876E-02	0.10922E+00	0.00000E+00
42	-0.10306E+00	-0.16734E-02	0.10875E+00	0.00000E+00
43	-0.72805E-01	0.14083E-03	0.72296E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.31455E-01	0.40551E-03	0.30380E-01	0.00000E+00
46	-0.61994E-01	0.48386E-03	0.59413E-01	0.00000E+00
47	-0.10370E+00	-0.16976E-02	0.11018E+00	0.00000E+00
48	-0.10371E+00	-0.16978E-02	0.11021E+00	0.00000E+00
49	-0.89091E-01	-0.11527E-02	0.92692E-01	0.00000E+00
50	-0.10378E+00	-0.17212E-02	0.11057E+00	0.00000E+00
51	-0.87996E-01	-0.33247E-03	0.87905E-01	0.00000E+00
52	-0.10153E+00	-0.21378E-02	0.10215E+00	0.00000E+00
53	-0.10366E+00	-0.16955E-02	0.11010E+00	0.00000E+00
54	-0.71292E-01	0.22067E-03	0.68300E-01	0.00000E+00
55	-0.86017E-01	-0.43916E-03	0.82445E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.29541E-01	0.35566E-03	0.26284E-01	0.00000E+00
58	-0.58965E-01	0.78956E-03	0.51959E-01	0.00000E+00
59	-0.98122E-01	-0.14732E-02	0.94369E-01	0.00000E+00
60	-0.10058E+00	-0.19350E-02	0.99687E-01	0.00000E+00
61	-0.10380E+00	-0.17408E-02	0.11079E+00	0.00000E+00
62	-0.67884E-01	0.80660E-03	0.59637E-01	0.00000E+00
63	-0.81121E-01	0.33121E-03	0.71216E-01	0.00000E+00
64	-0.10220E+00	-0.21891E-02	0.10300E+00	0.00000E+00
65	-0.10332E+00	-0.17594E-02	0.11100E+00	0.00000E+00
66	-0.10397E+00	-0.17959E-02	0.11143E+00	0.00000E+00
67	-0.10413E+00	-0.18317E-02	0.11186E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.28541E-01	0.91795E-03	0.22194E-01	0.00000E+00
70	-0.55338E-01	0.17443E-02	0.43490E-01	0.00000E+00
71	-0.93258E-01	-0.23005E-03	0.81954E-01	0.00000E+00
72	-0.10250E+00	-0.23237E-02	0.10175E+00	0.00000E+00
73	-0.75938E-01	0.16029E-02	0.59703E-01	0.00000E+00
74	-0.10591E+00	-0.25662E-02	0.10517E+00	0.00000E+00
75	-0.10426E+00	-0.18576E-02	0.11227E+00	0.00000E+00
76	-0.10511E+00	-0.19016E-02	0.11301E+00	0.00000E+00
77	-0.86868E-01	0.89394E-03	0.68019E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.27331E-01	0.13336E-02	0.18454E-01	0.00000E+00
80	-0.51884E-01	0.23671E-02	0.35142E-01	0.00000E+00
81	-0.58887E-01	0.28314E-02	0.39966E-01	0.00000E+00
82	-0.69782E-01	0.24942E-02	0.47386E-01	0.00000E+00
83	-0.10420E+00	-0.12575E-02	0.91992E-01	0.00000E+00
84	-0.91616E-01	0.68469E-03	0.64870E-01	0.00000E+00
85	-0.10690E+00	-0.19597E-02	0.11398E+00	0.00000E+00
86	-0.10974E+00	-0.25516E-02	0.10912E+00	0.00000E+00
87	-0.79772E-01	0.20081E-02	0.54435E-01	0.00000E+00
88	-0.10803E+00	-0.20172E-02	0.10101E+00	0.00000E+00
89	-0.10852E+00	-0.20072E-02	0.11493E+00	0.00000E+00
90	-0.58572E-01	0.16636E-02	0.29048E-01	0.00000E+00
91	-0.63938E-01	0.10799E-02	0.30779E-01	0.00000E+00
92	-0.67604E-01	0.49475E-03	0.32098E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.21406E-01	0.00000E+00	0.56950E-02	0.00000E+00
95	-0.39601E-01	0.00000E+00	0.10707E-01	0.00000E+00
96	-0.44007E-01	0.00000E+00	0.11887E-01	0.00000E+00
97	-0.49767E-01	0.00000E+00	0.13920E-01	0.00000E+00
98	-0.52190E-01	0.00000E+00	0.14770E-01	0.00000E+00
99	-0.57160E-01	0.77813E-03	0.22879E-01	0.00000E+00
100	-0.73222E-01	0.38578E-03	0.37847E-01	0.00000E+00
101	-0.10109E+00	-0.11562E-02	0.70105E-01	0.00000E+00
102	-0.11279E+00	-0.20548E-02	0.11631E+00	0.00000E+00
103	-0.11062E+00	-0.20314E-02	0.97357E-01	0.00000E+00
104	-0.11624E+00	-0.26401E-02	0.11421E+00	0.00000E+00
105	-0.11638E+00	-0.20981E-02	0.11759E+00	0.00000E+00
106	-0.11504E+00	-0.27896E-02	0.10107E+00	0.00000E+00
107	-0.12121E+00	-0.29319E-02	0.11796E+00	0.00000E+00
108	-0.11945E+00	-0.21124E-02	0.11876E+00	0.00000E+00
109	-0.12195E+00	-0.21186E-02	0.11979E+00	0.00000E+00
110	-0.12094E+00	-0.41170E-02	0.10527E+00	0.00000E+00
111	-0.12493E+00	-0.33630E-02	0.12075E+00	0.00000E+00
112	-0.12403E+00	-0.21081E-02	0.12067E+00	0.00000E+00
113	-0.12308E+00	-0.39100E-02	0.10957E+00	0.00000E+00
114	-0.12554E+00	-0.20805E-02	0.12138E+00	0.00000E+00
115	-0.12661E+00	-0.20452E-02	0.12192E+00	0.00000E+00
116	-0.12712E+00	-0.20038E-02	0.12225E+00	0.00000E+00

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562

117	-0.12642E+00	-0.34939E-02	0.12197E+00	0.00000E+00
118	-0.12715E+00	-0.19910E-02	0.12236E+00	0.00000E+00
119	-0.12712E+00	-0.19529E-02	0.12242E+00	0.00000E+00
120	-0.12714E+00	-0.36172E-02	0.12281E+00	0.00000E+00
121	-0.12702E+00	-0.19006E-02	0.12244E+00	0.00000E+00
122	-0.12702E+00	-0.18526E-02	0.12253E+00	-0.11738E-04
123	-0.12693E+00	-0.17494E-02	0.12260E+00	-0.21263E-04
124	-0.12692E+00	-0.15826E-02	0.12268E+00	-0.32769E-04
125	-0.12681E+00	-0.13356E-02	0.12275E+00	-0.47526E-04
126	-0.12654E+00	-0.73807E-03	0.12287E+00	-0.68425E-04
127	-0.12619E+00	0.73321E-05	0.12299E+00	-0.77715E-04
128	-0.12544E+00	0.17135E-02	0.12323E+00	-0.71981E-04
129	-0.12487E+00	0.30939E-02	0.12345E+00	-0.51650E-04
130	-0.12451E+00	0.40703E-02	0.12370E+00	-0.23899E-04
131	-0.12449E+00	0.42366E-02	0.12407E+00	0.11705E-04
132	-0.12479E+00	0.33401E-02	0.12442E+00	0.24941E-04
133	-0.12510E+00	0.22677E-02	0.12473E+00	0.21413E-04
134	-0.12528E+00	0.15550E-02	0.12498E+00	0.12254E-04
135	-0.12536E+00	0.11813E-02	0.12519E+00	0.76029E-05
136	-0.12542E+00	0.83095E-03	0.12534E+00	0.90503E-05
137	-0.12546E+00	0.46225E-03	0.12544E+00	0.87982E-05
138	-0.12548E+00	0.71690E-04	0.12548E+00	0.95401E-05
139	-0.12548E+00	0.86608E-05	0.12548E+00	0.86966E-05

401

000404

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5000E+01

402

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.43950E-01	-0.62429E-02	0.62827E-01	-0.41678E+01	-0.35490E-01	0.41938E+01
2	0.10301E+00	-0.10942E-01	0.10984E+00	-0.38443E+01	-0.50326E-01	0.38335E+01
3	0.14491E+00	-0.58017E-02	0.10501E+00	-0.32500E+01	-0.76284E-02	0.32533E+01
4	-0.16220E+00	-0.50743E-01	-0.15540E+00	-0.27071E+01	0.80677E-01	0.27678E+01
5	0.81739E-01	0.13653E-01	0.71399E-01	-0.27248E+01	0.20704E-01	0.27688E+01
6	-0.11984E+00	0.56345E-02	0.31145E-01	-0.27765E+01	0.56528E-01	0.28181E+01
7	-0.11267E+00	-0.83022E-02	0.48180E-02	-0.20520E+01	0.43979E-01	0.20502E+01
8	-0.23769E+00	-0.98706E-02	-0.11288E-01	-0.20539E+01	0.10231E+00	0.21050E+01
9	-0.18996E-01	-0.15377E+00	-0.35287E-01	-0.41174E+01	-0.22927E-02	0.41788E+01
10	0.23825E-02	-0.20322E+00	0.13932E-01	-0.38423E+01	0.15056E-01	0.38975E+01
11	-0.40872E-01	-0.20154E+00	0.16362E+00	-0.33731E+01	0.10912E+00	0.34250E+01
12	-0.46661E+00	-0.20165E+00	-0.14029E+00	-0.28352E+01	0.21688E+00	0.28154E+01
13	-0.91560E-01	-0.98436E-01	0.91960E-01	-0.28969E+01	0.84135E-01	0.29543E+01
14	-0.40243E+00	-0.12361E+00	-0.44024E-02	-0.29639E+01	0.18092E+00	0.30837E+01
15	-0.47919E+00	-0.54777E-01	-0.58554E-01	-0.21869E+01	0.23065E+00	0.21911E+01
16	-0.59695E+00	-0.52658E-01	-0.36138E-01	-0.22685E+01	0.27197E+00	0.23365E+01
17	0.54089E-01	-0.82925E-01	0.30537E-01	-0.40255E+01	-0.32862E-01	0.41609E+01
18	0.12104E+00	-0.17088E+00	0.97307E-01	-0.38136E+01	-0.64221E-01	0.39525E+01
19	0.15777E+00	-0.25618E+00	0.27070E+00	-0.34523E+01	-0.66916E-01	0.36541E+01
20	-0.60202E+00	-0.24312E+00	-0.91086E-01	-0.30270E+01	0.27803E+00	0.30802E+01
21	-0.23714E-01	-0.25509E+00	0.12154E+00	-0.31427E+01	-0.16549E-01	0.34285E+01
22	-0.55570E+00	-0.54312E+00	-0.16382E+00	-0.32647E+01	0.17126E+00	0.36743E+01
23	-0.79132E+00	-0.49846E-01	-0.47042E-01	-0.25113E+01	0.38507E+00	0.26019E+01
24	-0.15745E+01	-0.42057E+00	-0.45036E+00	-0.27120E+01	0.62785E+00	0.27511E+01
25	-0.73854E+00	-0.17331E+00	-0.45017E-02	-0.28177E+01	0.34378E+00	0.31146E+01
26	-0.21463E+01	-0.10135E+01	-0.86343E+00	-0.29466E+01	0.75167E+00	0.34364E+01
27	0.14504E+00	0.68083E-01	-0.11830E+00	-0.39538E+01	-0.66701E-01	0.41000E+01
28	0.23696E+00	-0.30366E-01	0.17824E+00	-0.37448E+01	-0.17604E+00	0.39453E+01
29	0.45472E+00	-0.14734E+00	0.34359E+00	-0.33306E+01	-0.47212E+00	0.37557E+01
30	-0.12319E+00	-0.24912E+00	0.13865E+00	-0.32380E+01	0.30773E-01	0.36685E+01
31	-0.20972E+00	-0.29208E+00	0.19109E+00	-0.31591E+01	-0.31808E+00	0.38054E+01
32	-0.14923E+00	-0.37252E+00	0.47868E-01	-0.30771E+01	-0.17290E+00	0.38608E+01
33	-0.16641E+01	-0.77347E+00	-0.58229E+00	-0.32523E+01	0.48302E+00	0.36090E+01
34	-0.40204E+01	-0.23731E+01	-0.21362E+01	-0.34187E+01	0.10071E+01	0.38985E+01
35	-0.60477E+00	-0.93183E-01	0.14793E+00	-0.34153E+01	0.33412E+00	0.38978E+01
36	0.36567E+00	0.31935E+00	0.64325E+00	-0.31548E+01	-0.21315E+00	0.40093E+01
37	-0.11091E+01	-0.84454E+00	-0.35947E+00	-0.35022E+01	0.35848E+00	0.41278E+01
38	0.30260E+00	0.28202E+00	0.23083E+00	-0.38909E+01	-0.10140E+00	0.38899E+01
39	0.46269E+00	0.22892E+00	0.26084E+00	-0.37307E+01	-0.30562E+00	0.37317E+01
40	0.60886E+00	-0.49955E-01	0.28221E+00	-0.33474E+01	-0.92588E+00	0.37075E+01
41	0.88269E+00	0.48472E+00	0.36115E+00	-0.35186E+01	-0.81625E+00	0.36235E+01
42	0.12300E+01	0.18883E+00	0.23579E+00	-0.33868E+01	-0.10469E+01	0.32483E+01
43	0.52729E+00	0.15361E+00	0.43868E+00	-0.31949E+01	-0.53910E+00	0.38781E+01
44	0.88853E+00	0.28508E+00	0.54209E+00	-0.31422E+01	-0.93277E+00	0.33928E+01
45	0.14324E+01	0.57188E+00	0.71515E+00	-0.33090E+01	-0.87330E+00	0.33866E+01
46	0.73095E+00	-0.56149E-01	0.12942E+00	-0.31772E+01	-0.61157E+00	0.30653E+01
47	-0.24488E+00	-0.33017E+00	0.16007E+00	-0.33335E+01	-0.13902E+00	0.41663E+01
48	0.33912E+00	-0.11659E-01	0.55002E+00	-0.35159E+01	-0.25474E+00	0.42023E+01
49	0.62804E+00	-0.17845E-01	0.54203E+00	-0.34594E+01	-0.75065E+00	0.44282E+01
50	0.32219E+01	0.91878E+00	0.18132E+01	-0.29899E+01	-0.21029E+01	0.31204E+01
51	0.76935E+00	0.57950E+00	0.10344E+01	-0.14349E+00	-0.28184E+00	0.82795E+00
52	0.10825E+01	-0.33829E-01	0.78439E+00	0.86650E+00	-0.11529E+01	-0.33651E+01
53	0.12469E+01	-0.20306E+00	0.29220E+00	-0.27114E+01	-0.99696E+00	0.27730E+01
54	0.56821E+00	0.61134E+00	0.42064E+00	-0.37355E+01	-0.13191E+00	0.34579E+01

405

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55	0.78110E+00	0.44948E+00	0.33737E+00	-0.36122E+01	-0.36822E+00	0.33335E+01
56	0.13430E+01	0.30872E+00	0.77216E-01	-0.32743E+01	-0.10211E+01	0.30192E+01
57	0.12156E+01	0.25002E+00	0.27034E+00	-0.29704E+01	-0.74913E+00	0.27825E+01
58	0.13251E+01	0.13364E+00	0.21879E+00	-0.25390E+01	-0.89430E+00	0.24634E+01
59	0.35423E+00	0.56339E+00	0.32219E+00	-0.36595E+01	-0.16023E-01	0.32087E+01
60	0.89946E+00	0.91848E+00	0.61137E+00	-0.34838E+01	-0.25859E+00	0.27052E+01
61	0.75508E+00	0.80195E+00	0.46445E+00	-0.34579E+01	-0.21772E+00	0.27042E+01
62	0.52641E+00	0.85239E+00	0.46363E+00	-0.33404E+01	0.31389E-01	0.22507E+01
63	0.92377E+00	0.64796E+00	0.37090E+00	-0.33740E+01	-0.36841E+00	0.28567E+01
64	0.10044E+01	0.88975E+00	0.42431E+00	-0.31000E+01	-0.32416E+00	0.23040E+01
65	0.15155E+01	0.46383E+00	-0.23555E-01	-0.31302E+01	-0.10046E+01	0.27863E+01
66	0.18925E+01	0.62759E+00	-0.37871E-01	-0.28024E+01	-0.11372E+01	0.22721E+01
67	0.15242E+01	0.85163E+00	-0.16076E+00	-0.24762E+01	-0.88836E+00	0.17196E+01
68	0.15710E+01	0.46663E+00	0.31657E+00	-0.27578E+01	-0.81977E+00	0.24946E+01
69	0.13492E+01	0.47580E+00	0.16799E+00	-0.26320E+01	-0.65169E+00	0.21210E+01
70	0.19472E+01	0.73396E+00	0.39907E+00	-0.22834E+01	-0.82699E+00	0.15787E+01
71	0.16098E+01	0.33152E+00	0.18225E+00	-0.23951E+01	-0.89051E+00	0.20544E+01
72	0.18637E+01	0.45627E+00	0.18328E+00	-0.21794E+01	-0.85644E+00	0.16421E+01
73	0.45682E+00	0.51119E+00	0.25070E+00	-0.29906E+01	-0.68202E-01	0.14731E+01
74	0.69713E+00	0.48964E+00	0.84856E-01	-0.26463E+01	-0.20172E+00	0.13188E+01
75	0.12956E+01	0.46987E+00	-0.46709E+00	-0.21869E+01	-0.57942E+00	0.10802E+01
76	0.15879E+01	0.47026E+00	0.99123E-01	-0.23967E+01	-0.53603E+00	0.15821E+01
77	0.11423E+01	0.60498E+00	-0.53389E-02	-0.16052E+01	-0.35668E+00	0.66224E+00
78	0.12247E+01	0.46150E+00	-0.70904E-01	-0.13200E+01	-0.38936E+00	0.43581E+00
79	0.18918E+01	0.48806E+00	0.13964E+00	-0.17017E+01	-0.61977E+00	0.93207E+00
80	0.20876E+01	0.57950E+00	0.24631E+00	-0.11905E+01	-0.43835E+00	0.36431E+00
81	0.10707E+01	0.26119E+00	-0.25556E+00	-0.65893E+00	-0.37403E+00	0.19060E+00
82	0.12879E+01	0.47824E+00	-0.92253E-01	-0.58843E+00	-0.37530E+00	0.18219E+00
83	0.18710E+01	0.29066E+00	-0.65029E-02	-0.10462E+01	-0.42027E+00	0.35950E+00
84	0.22806E+01	0.52255E+00	0.21289E+00	-0.11608E+01	-0.70596E+00	0.38020E+00
85	0.26091E+01	0.42195E+00	0.28854E+00	-0.16477E+01	-0.88981E+00	0.10577E+01
86	0.25583E+01	0.39911E+00	0.18444E+00	-0.12969E+01	-0.86315E+00	0.70921E+00
87	0.17649E+01	0.17362E+00	-0.67723E-01	-0.17011E+01	-0.87592E+00	0.10863E+01
88	0.19018E+01	0.29535E+00	0.16951E+00	-0.18438E+01	-0.10733E+01	0.16180E+01
89	0.20736E+01	0.33680E+00	0.23562E+00	-0.16371E+01	-0.11593E+01	0.14661E+01
90	0.21916E+01	0.19945E+00	0.52047E-01	-0.11894E+01	-0.12403E+01	0.72027E+00
91	0.23969E+01	0.52677E+00	0.35734E+00	-0.11098E+01	-0.13307E+01	0.10362E+01
92	0.23366E+01	0.46033E+00	0.27308E+00	-0.64145E+00	-0.13187E+01	0.69867E+00
93	0.14898E+01	-0.46230E+00	0.30169E+00	-0.19742E+01	-0.11632E+01	0.22720E+01
94	0.16031E+01	0.23702E+00	0.50283E+00	-0.19974E+01	-0.10439E+01	0.21923E+01
95	0.11074E+01	0.67897E+00	0.54868E+00	-0.14855E+01	-0.98571E+00	0.16528E+01
96	0.14045E+01	0.19246E+00	0.23703E+00	-0.20428E+01	-0.97165E+00	0.19118E+01
97	0.95150E+00	0.46329E+00	0.37450E+00	-0.16918E+01	-0.97659E+00	0.14304E+01
98	0.11893E+01	0.30849E+00	0.20227E+00	-0.14461E+01	-0.91400E+00	0.13993E+01
99	0.12099E+01	-0.14195E+00	-0.97565E-01	-0.16462E+01	-0.91167E+00	0.14837E+01
100	0.10276E+01	0.49831E-02	-0.19897E-01	-0.12466E+01	-0.90230E+00	0.10610E+01
101	0.12802E+01	0.27373E+00	0.22158E+00	-0.99864E+00	-0.91523E+00	0.81524E+00
102	0.99797E+00	-0.94305E-01	-0.23232E+00	-0.95565E+00	-0.88885E+00	0.78238E+00
103	0.80465E+00	0.21704E+00	-0.13811E-01	-0.43619E+00	-0.80896E+00	0.40564E+00
104	0.82789E+00	0.25397E+00	0.73412E-02	-0.19965E+00	-0.80791E+00	0.26865E+00
105	0.15956E+01	0.89130E-01	0.67041E+00	-0.17495E+01	-0.14442E+01	0.21133E+01
106	0.24884E+01	0.15404E+01	0.19551E+01	-0.15987E+00	-0.15816E+01	0.98690E+00
107	0.19126E+01	0.10769E+01	0.14681E+01	-0.94886E+00	-0.15098E+01	0.15017E+01
108	0.15603E+01	0.96833E+00	0.12654E+01	-0.98386E+00	-0.14372E+01	0.15125E+01
109	0.13758E+01	0.82054E+00	0.12182E+01	-0.41230E+00	-0.14321E+01	0.99311E+00
110	0.16724E+00	-0.12241E+00	0.26179E+00	-0.13814E+01	-0.12997E+01	0.15666E+01
111	-0.33162E+00	-0.21014E+00	0.14009E+00	-0.10085E+01	-0.11886E+01	0.85533E+00
112	-0.36066E+00	-0.23816E+00	0.95520E-01	-0.15467E+01	-0.11808E+01	0.84724E+00
113	-0.54380E+00	-0.28255E+00	-0.20387E+00	-0.16356E+01	-0.97156E+00	0.16584E+01
114	-0.70827E+00	-0.45652E+00	-0.16308E+00	-0.13899E+01	-0.89609E+00	0.82680E+00

403

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000406

115	-0.77689E+00	-0.49955E+00	-0.29153E+00	-0.23851E+01	-0.86617E+00	0.80218E+00
116	-0.22904E+00	-0.22344E+00	-0.16178E+00	-0.18340E+01	-0.63658E+00	0.14368E+01
117	0.10927E+00	0.24932E-01	0.11729E+00	-0.20160E+01	-0.48060E+00	0.74922E+00
118	0.30589E-01	-0.22267E-01	-0.32218E-01	-0.17395E+01	-0.44519E+00	0.69226E+00
119	0.88885E-01	-0.26709E+00	-0.20349E+00	-0.14363E+01	-0.31517E+00	0.10774E+01
120	0.38630E+00	0.17790E+00	0.82152E-01	-0.14625E+01	-0.19592E+00	0.61596E+00
121	0.33302E+00	0.14282E+00	-0.15958E-01	-0.12374E+01	-0.17350E+00	0.53951E+00
122	-0.23932E-01	-0.51891E+00	-0.45603E+00	-0.11483E+01	-0.93053E-01	0.82106E+00
123	0.16313E+00	0.27476E-01	-0.19897E+00	-0.98935E+00	0.12689E-01	0.44695E+00
124	0.13502E+00	0.76877E-02	-0.24946E+00	-0.75693E+00	0.23879E-01	0.35736E+00
125	0.20223E+00	-0.12386E+00	-0.26362E+00	-0.59130E+00	0.29195E-01	0.40268E+00
126	0.17904E+00	0.28196E-01	-0.24660E+00	-0.47537E+00	0.79924E-01	0.24207E+00
127	0.17413E+00	0.22477E-01	-0.25317E+00	-0.22802E+00	0.80753E-01	0.17436E+00
128	-0.15542E+00	-0.27992E+00	-0.48671E+00	-0.31113E+00	0.10330E+00	0.20403E+00
129	-0.44097E+00	-0.35212E+00	-0.63738E+00	-0.17848E+00	0.16375E+00	0.73356E-01
133	0.19686E+01	0.48193E-02	0.78163E+00	-0.28071E+01	-0.15235E+01	0.31207E+01

A04

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.23972E+00	0.15981E+01	-0.13584E+01	-0.50264E+02	0.12873E+02	0.22409E+02
131	-0.20048E-01	-0.13365E+00	0.11360E+00	-0.11534E+03	0.19131E+02	0.65604E+02
132	0.48911E-01	0.32607E+00	-0.27716E+00	-0.19165E+03	0.30987E+02	0.11166E+03
133	-0.74686E-02	-0.49791E-01	0.42322E-01	-0.27579E+03	0.43620E+02	0.16232E+03
134	-0.13390E-01	-0.89266E-01	0.75876E-01	-0.36975E+03	0.57484E+02	0.22219E+03
135	0.74988E-01	0.49992E+00	-0.42493E+00	-0.43697E+03	0.69940E+02	0.27520E+03
136	-0.41935E-01	-0.27957E+00	0.23763E+00	-0.49515E+03	0.74696E+02	0.31171E+03
137	-0.10747E+00	-0.71646E+00	0.60899E+00	-0.49656E+03	0.84927E+02	0.32820E+03
138	0.48557E+00	0.32371E+01	-0.22717E+01	-0.50863E+03	0.17429E+03	0.35367E+03
139	0.40229E+00	0.26819E+01	-0.62025E+00	-0.49635E+03	0.35301E+03	0.37317E+03
140	-0.45545E+00	-0.30363E+01	0.25309E+01	-0.62189E+03	0.42811E+03	0.42195E+03
141	-0.46083E+00	-0.30722E+01	0.26114E+01	-0.62164E+03	0.43553E+03	0.44876E+03
142	-0.52426E+00	-0.34951E+01	0.29709E+01	-0.64715E+03	0.43705E+03	0.47567E+03
143	-0.54258E+00	-0.36172E+01	0.30746E+01	0.22040E+03	0.56596E+03	-0.37176E+03
144	-0.55225E+00	-0.36817E+01	0.31294E+01	0.22000E+03	0.55513E+03	-0.34827E+03
145	0.10346E+01	0.68990E+01	-0.57351E+01	-0.59393E+02	0.42463E+03	-0.87336E+03
146	0.42929E+00	0.28620E+01	-0.44400E+01	-0.10405E+03	0.31565E+03	-0.76639E+03
147	0.44144E+00	0.29429E+01	-0.43770E+01	-0.95131E+02	0.32636E+03	-0.75405E+03
148	0.45590E+00	0.30393E+01	0.58678E+00	-0.90936E+02	0.33814E+03	-0.75623E+03
149	0.47299E+00	0.31533E+01	0.52150E+00	-0.85833E+02	0.35210E+03	-0.77115E+03
150	0.54460E+00	0.36307E+01	-0.13588E+00	-0.46134E+02	0.38483E+03	-0.74889E+03
151	0.65808E+00	0.43872E+01	0.17040E+02	-0.33081E+02	0.43738E+03	-0.76721E+03
152	0.61983E+00	0.41322E+01	0.31200E+02	-0.35951E+02	0.41124E+03	-0.76040E+03
153	0.55832E+00	0.37221E+01	0.27709E+02	-0.24053E+02	0.37168E+03	-0.74260E+03
154	0.41103E+00	0.27402E+01	0.53974E+02	-0.12237E+02	0.27445E+03	-0.72087E+03
155	0.19591E+00	0.13060E+01	0.44799E+02	-0.29463E+02	0.12726E+03	-0.67297E+03
156	0.21544E-01	0.14362E+00	0.38064E+02	-0.14121E+02	0.12363E+02	-0.62198E+03
157	-0.11814E+00	-0.78761E+00	0.30544E+02	-0.19357E+02	-0.82315E+02	-0.55121E+03
158	-0.22852E+00	-0.15235E+01	0.25317E+02	-0.11478E+02	-0.15533E+03	-0.48241E+03
159	-0.31105E+00	-0.20737E+01	0.18000E+02	-0.47015E+00	-0.20915E+03	-0.39569E+03
160	-0.36615E+00	-0.24410E+01	0.12695E+02	0.26581E+01	-0.24572E+03	-0.31480E+03
161	-0.43641E+00	-0.29094E+01	0.61998E+01	0.97772E+00	-0.27458E+03	-0.21675E+03
162	-0.44901E+00	-0.29934E+01	-0.30028E+00	-0.31547E+00	-0.26531E+03	-0.14674E+03
163	-0.50916E+00	-0.33945E+01	-0.10624E+01	0.13674E+02	-0.29876E+03	-0.99458E+02
164	-0.49778E+00	-0.33185E+01	-0.19517E+01	0.23161E+02	-0.29060E+03	-0.63972E+02

000407

5622

A05

165	-0.25309E+03	-0.33049E+02	-0.49873E+00	-0.74420E+01	-0.29085E+03	-0.43614E+02
166	-0.20170E+03	-0.27875E+02	-0.30375E+01	-0.40780E+01	-0.27007E+03	-0.44842E+02
167	-0.15836E+03	-0.20295E+02	-0.37338E+01	-0.22199E+01	-0.23060E+03	-0.41757E+02
168	-0.11989E+03	-0.14542E+02	-0.37076E+01	-0.35243E+00	-0.19032E+03	-0.39188E+02
169	-0.76034E+02	-0.72002E+01	-0.43546E+01	0.13079E+01	-0.16383E+03	-0.36361E+02
170	-0.33217E+02	0.65607E+00	-0.57129E+01	0.31590E+01	-0.14823E+03	-0.33133E+02
171	0.10684E+02	0.81659E+01	-0.64618E+01	0.56062E+01	-0.12010E+03	-0.28566E+02
172	0.35590E+02	0.11376E+02	-0.58196E+01	0.79929E+01	-0.83301E+02	-0.23508E+02
173	0.35295E+02	0.90831E+01	-0.35829E+01	0.91694E+01	-0.50001E+02	-0.19771E+02
174	0.22408E+02	0.44866E+01	-0.10360E+01	0.90635E+01	-0.25558E+02	-0.16787E+02
175	0.54304E+01	0.29354E+00	0.47277E+00	0.73872E+01	-0.16538E+02	-0.14926E+02
176	-0.10986E+01	-0.84011E+00	0.59919E+00	0.57590E+01	-0.17748E+02	-0.13599E+02
177	-0.21438E+01	-0.65701E+00	0.28870E+00	0.41398E+01	-0.18440E+02	-0.11077E+02
178	-0.77807E+00	-0.10501E+00	-0.16679E-01	0.29179E+01	-0.13744E+02	-0.80021E+01
179	0.25035E+00	0.81502E-01	-0.42753E-01	0.23019E+01	-0.98101E+01	-0.56693E+01
180	-0.29625E-01	0.21334E-01	-0.24640E-01	0.16464E+01	-0.58100E+01	-0.34401E+01
181	0.83336E-01	0.90088E-01	-0.68321E-01	0.11606E+01	-0.26731E+01	-0.12224E+01
182	-0.37266E+00	-0.17307E+00	0.10189E+00	0.35260E+00	0.58897E+00	0.15564E-01

000408

5622

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.33884E-01	-0.70627E-05	-0.34287E-01	0.00000E+00
3	0.65109E-01	0.14705E-03	-0.65121E-01	0.00000E+00
4	0.73600E-01	0.14784E-03	-0.73346E-01	0.00000E+00
5	0.85647E-01	-0.63860E-05	-0.85619E-01	0.00000E+00
6	0.94361E-01	0.54981E-05	-0.94365E-01	0.00000E+00
7	0.85797E-01	0.58700E-03	-0.85912E-01	0.00000E+00
8	0.94640E-01	0.45985E-03	-0.94743E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.33619E-01	0.27152E-03	-0.33698E-01	0.00000E+00
11	0.64625E-01	0.71212E-03	-0.64862E-01	0.00000E+00
12	0.73362E-01	0.87591E-03	-0.73648E-01	0.00000E+00
13	0.86048E-01	0.79731E-03	-0.86349E-01	0.00000E+00
14	0.95284E-01	0.62617E-03	-0.95741E-01	0.00000E+00
15	0.86676E-01	0.12391E-02	-0.87762E-01	0.00000E+00
16	0.96350E-01	0.88870E-03	-0.97431E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.33031E-01	0.33085E-03	-0.33874E-01	0.00000E+00
19	0.64342E-01	0.99865E-03	-0.65762E-01	0.00000E+00
20	0.73653E-01	0.12781E-02	-0.75136E-01	0.00000E+00
21	0.87330E-01	0.12014E-02	-0.89120E-01	0.00000E+00
22	0.97981E-01	0.90830E-03	-0.99880E-01	0.00000E+00
23	0.88206E-01	0.13232E-02	-0.91070E-01	0.00000E+00
24	0.99931E-01	0.66138E-03	-0.10322E+00	0.00000E+00
25	0.10114E+00	0.75934E-03	-0.10528E+00	0.00000E+00
26	0.10136E+00	0.60798E-03	-0.10650E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.32337E-01	-0.29530E-04	-0.33294E-01	0.00000E+00
29	0.63635E-01	0.27474E-03	-0.65461E-01	0.00000E+00
30	0.73552E-01	0.57952E-03	-0.75705E-01	0.00000E+00
31	0.83813E-01	0.81045E-03	-0.92519E-01	0.00000E+00
32	0.10259E+00	0.28572E-03	-0.10780E+00	0.00000E+00
33	0.88890E-01	0.73314E-03	-0.92730E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.32227E-01	-0.32257E-03	-0.32801E-01	0.00000E+00
36	0.63422E-01	-0.28446E-03	-0.64669E-01	0.00000E+00
37	0.73269E-01	-0.14038E-03	-0.74790E-01	0.00000E+00
38	0.88916E-01	0.20012E-03	-0.92560E-01	0.00000E+00
39	0.10352E+00	0.41956E-03	-0.10973E+00	0.00000E+00
40	0.10334E+00	0.41902E-03	-0.10931E+00	0.00000E+00
41	0.10315E+00	0.41689E-03	-0.10890E+00	0.00000E+00
42	0.10294E+00	0.40944E-03	-0.10844E+00	0.00000E+00
43	0.72569E-01	-0.10331E-02	-0.71474E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.31355E-01	-0.71876E-03	-0.29750E-01	0.00000E+00
46	0.61788E-01	-0.11367E-02	-0.58427E-01	0.00000E+00
47	0.10357E+00	0.41952E-03	-0.10984E+00	0.00000E+00
48	0.10359E+00	0.41962E-03	-0.10988E+00	0.00000E+00
49	0.88890E-01	0.33061E-04	-0.92343E-01	0.00000E+00
50	0.10365E+00	0.43670E-03	-0.11025E+00	0.00000E+00
51	0.87794E-01	-0.72237E-03	-0.87162E-01	0.00000E+00
52	0.10133E+00	0.96039E-03	-0.10157E+00	0.00000E+00
53	0.10353E+00	0.42159E-03	-0.10975E+00	0.00000E+00
54	0.71021E-01	-0.10155E-02	-0.67305E-01	0.00000E+00
55	0.85765E-01	-0.48676E-03	-0.81465E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

406

000409

3628

57	0.29826E-01	-0.10659E-02	-0.25533E-01	0.00000E+00
58	0.58624E-01	-0.11777E-02	-0.50701E-01	0.00000E+00
59	0.97846E-01	0.48230E-03	-0.93480E-01	0.00000E+00
60	0.10038E+00	0.73832E-03	-0.99021E-01	0.00000E+00
61	0.10367E+00	0.45299E-03	-0.11048E+00	0.00000E+00
62	0.67447E-01	-0.12704E-02	-0.58271E-01	0.00000E+00
63	0.80591E-01	-0.32463E-03	-0.69736E-01	0.00000E+00
64	0.10202E+00	0.10040E-02	-0.10243E+00	0.00000E+00
65	0.10369E+00	0.46841E-03	-0.11070E+00	0.00000E+00
66	0.10385E+00	0.49874E-03	-0.11114E+00	0.00000E+00
67	0.10401E+00	0.52842E-03	-0.11159E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.28249E-01	-0.99050E-03	-0.21388E-01	0.00000E+00
70	0.54710E-01	-0.18803E-02	-0.41993E-01	0.00000E+00
71	0.92685E-01	-0.30012E-03	-0.80445E-01	0.00000E+00
72	0.10230E+00	0.11603E-02	-0.10111E+00	0.00000E+00
73	0.75024E-01	-0.17170E-02	-0.57801E-01	0.00000E+00
74	0.10573E+00	0.13755E-02	-0.10458E+00	0.00000E+00
75	0.10414E+00	0.54860E-03	-0.11202E+00	0.00000E+00
76	0.10499E+00	0.58259E-03	-0.11279E+00	0.00000E+00
77	0.85887E-01	-0.93788E-03	-0.65983E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.26853E-01	-0.13223E-02	-0.17623E-01	0.00000E+00
80	0.50855E-01	-0.22501E-02	-0.33449E-01	0.00000E+00
81	0.57698E-01	-0.26613E-02	-0.39001E-01	0.00000E+00
82	0.68420E-01	-0.22542E-02	-0.45055E-01	0.00000E+00
83	0.10358E+00	0.73735E-03	-0.90550E-01	0.00000E+00
84	0.90227E-01	-0.32294E-03	-0.62333E-01	0.00000E+00
85	0.10679E+00	0.62823E-03	-0.11381E+00	0.00000E+00
86	0.10955E+00	0.13347E-02	-0.10862E+00	0.00000E+00
87	0.78265E-01	-0.16953E-02	-0.51821E-01	0.00000E+00
88	0.10768E+00	0.11248E-02	-0.10006E+00	0.00000E+00
89	0.10842E+00	0.66489E-03	-0.11481E+00	0.00000E+00
90	0.56424E-01	-0.15215E-02	-0.25165E-01	0.00000E+00
91	0.61706E-01	-0.38836E-03	-0.26653E-01	0.00000E+00
92	0.65381E-01	-0.27721E-03	-0.27907E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.20112E-01	0.00000E+00	-0.31870E-02	0.00000E+00
95	0.37295E-01	0.00000E+00	-0.62488E-02	0.00000E+00
96	0.41487E-01	0.00000E+00	-0.70152E-02	0.00000E+00
97	0.47097E-01	0.00000E+00	-0.87207E-02	0.00000E+00
98	0.49507E-01	0.00000E+00	-0.95083E-02	0.00000E+00
99	0.54667E-01	-0.68389E-03	-0.13191E-01	0.00000E+00
100	0.71135E-01	-0.10859E-03	-0.33899E-01	0.00000E+00
101	0.99733E-01	0.16093E-02	-0.67554E-01	0.00000E+00
102	0.11271E+00	0.69820E-03	-0.11625E+00	0.00000E+00
103	0.10998E+00	0.15457E-02	-0.95960E-01	0.00000E+00
104	0.11610E+00	0.13943E-02	-0.11385E+00	0.00000E+00
105	0.11632E+00	0.73000E-03	-0.11759E+00	0.00000E+00
106	0.11438E+00	0.23436E-02	-0.99750E-01	0.00000E+00
107	0.12108E+00	0.16971E-02	-0.11775E+00	0.00000E+00
108	0.11942E+00	0.73484E-03	-0.11883E+00	0.00000E+00
109	0.12194E+00	0.73502E-03	-0.11992E+00	0.00000E+00
110	0.12026E+00	0.37583E-02	-0.10410E+00	0.00000E+00
111	0.12432E+00	0.21636E-02	-0.12068E+00	0.00000E+00
112	0.12404E+00	0.72048E-03	-0.12087E+00	0.00000E+00
113	0.12251E+00	0.34262E-02	-0.10869E+00	0.00000E+00
114	0.12556E+00	0.69191E-03	-0.12164E+00	0.00000E+00
115	0.12666E+00	0.65769E-03	-0.12224E+00	0.00000E+00
116	0.12715E+00	0.62573E-03	-0.12263E+00	0.00000E+00

407

000410

5622

5622

117	0.12630E+00	0.23544E-02	-0.12203E+00	0.00000E+00
118	0.12719E+00	0.61103E-03	-0.12277E+00	0.00000E+00
119	0.12716E+00	0.57730E-03	-0.12288E+00	0.00000E+00
120	0.12698E+00	0.25702E-02	-0.12303E+00	0.00000E+00
121	0.12706E+00	0.53325E-03	-0.12296E+00	0.00000E+00
122	0.12706E+00	0.49185E-03	-0.12305E+00	0.10030E-04
123	0.12703E+00	0.40362E-03	-0.12312E+00	0.18050E-04
124	0.12698E+00	0.26217E-03	-0.12319E+00	0.27630E-04
125	0.12689E+00	0.54320E-04	-0.12327E+00	0.39767E-04
126	0.12667E+00	-0.44366E-03	-0.12340E+00	0.56660E-04
127	0.12638E+00	-0.10592E-02	-0.12352E+00	0.63835E-04
128	0.12577E+00	-0.24485E-02	-0.12377E+00	0.57851E-04
129	0.12533E+00	-0.35442E-02	-0.12400E+00	0.40161E-04
130	0.12506E+00	-0.42786E-02	-0.12425E+00	0.16702E-04
131	0.12511E+00	-0.42584E-02	-0.12464E+00	-0.13612E-04
132	0.12542E+00	-0.33406E-02	-0.12500E+00	-0.24710E-04
133	0.12573E+00	-0.22812E-02	-0.12535E+00	-0.21258E-04
134	0.12590E+00	-0.15706E-02	-0.12559E+00	-0.12329E-04
135	0.12599E+00	-0.11960E-02	-0.12581E+00	-0.76794E-05
136	0.12605E+00	-0.84128E-03	-0.12597E+00	-0.92253E-05
137	0.12609E+00	-0.46725E-03	-0.12606E+00	-0.89270E-05
138	0.12612E+00	-0.72629E-04	-0.12612E+00	-0.96879E-05
139	0.12612E+00	-0.87624E-05	-0.12612E+00	-0.88000E-05

A08

000411

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5100E+01

409

FL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.69724E-01	-0.17191E-01	-0.36379E-01	0.41358E+01	0.40944E-01	-0.41648E+01
2	-0.13774E+00	-0.79094E-02	-0.13643E+00	0.38353E+01	0.60307E-01	-0.38316E+01
3	-0.17984E+00	-0.92122E-02	-0.11236E+00	0.32572E+01	0.18032E-01	-0.32625E+01
4	0.14890E+00	0.28185E-01	0.15547E+00	0.27174E+01	-0.83043E-01	-0.27908E+01
5	-0.99415E-01	-0.23916E-01	-0.74076E-01	0.27341E+01	-0.18475E-01	-0.27868E+01
6	0.10298E+00	-0.21954E-01	-0.38666E-01	0.27867E+01	-0.53638E-01	-0.28336E+01
7	0.10932E+00	0.40442E-02	-0.32397E-02	0.20625E+01	-0.43601E-01	-0.20630E+01
8	0.23371E+00	0.51861E-02	0.13262E-01	0.20601E+01	-0.10027E+00	-0.21165E+01
9	-0.54435E-01	0.34106E-01	-0.12982E-01	0.40753E+01	0.50224E-02	-0.41370E+01
10	-0.60077E-01	0.14197E+00	-0.59140E-01	0.38215E+01	-0.82479E-02	-0.33826E+01
11	-0.70278E-02	0.15433E+00	-0.18259E+00	0.33613E+01	-0.95099E-01	-0.34278E+01
12	0.43952E+00	0.17870E+00	0.12643E+00	0.28285E+01	-0.21186E+00	-0.28271E+01
13	0.68901E-01	0.86651E-01	-0.98162E-01	0.28896E+01	-0.76990E-01	-0.29649E+01
14	0.35565E+00	0.86320E-01	-0.23541E-01	0.29566E+01	-0.17367E+00	-0.30910E+01
15	0.47274E+00	0.49905E-01	0.61172E-01	0.21828E+01	-0.22723E+00	-0.22002E+01
16	0.58813E+00	0.49485E-01	0.40019E-01	0.22651E+01	-0.26687E+00	-0.23441E+01
17	-0.13977E+00	-0.61794E-01	-0.11793E+00	0.39820E+01	0.35170E-01	-0.41065E+01
18	-0.19218E+00	0.31909E-01	-0.16956E+00	0.37830E+01	0.70838E-01	-0.39260E+01
19	-0.19496E+00	0.13325E+00	-0.28911E+00	0.34088E+01	0.83791E-01	-0.35444E+01
20	0.54135E+00	0.19187E+00	0.54634E-01	0.29854E+01	-0.26676E+00	-0.30828E+01
21	-0.28248E-01	0.15840E+00	-0.16660E+00	0.31017E+01	0.27346E-01	-0.34297E+01
22	0.47133E+00	0.35789E+00	0.73140E-01	0.32165E+01	-0.16229E+00	-0.36716E+01
23	0.75776E+00	0.15713E-01	0.30210E-01	0.24852E+01	-0.37775E+00	-0.26034E+01
24	0.15444E+01	0.37535E+00	0.43226E+00	0.26634E+01	-0.62358E+00	-0.27551E+01
25	0.67390E+00	0.45555E-01	-0.61154E-01	0.27812E+01	-0.33597E+00	-0.31204E+01
26	0.19757E+01	0.74271E+00	0.70278E+00	0.28632E+01	-0.74837E+00	-0.34419E+01
27	-0.25135E+00	-0.26339E+00	-0.23083E+00	0.39208E+01	0.67818E-01	-0.40366E+01
28	-0.31424E+00	-0.16365E+00	-0.26703E+00	0.37243E+01	0.18065E+00	-0.39108E+01
29	-0.45533E+00	-0.29138E-01	-0.35491E+00	0.33085E+01	0.48886E+00	-0.37387E+01
30	0.69181E-01	0.86124E-01	-0.20412E+00	0.32647E+01	-0.19440E-01	-0.36637E+01
31	-0.30656E+00	0.82912E-01	-0.28881E+00	0.31518E+01	0.32999E+00	-0.38034E+01
32	0.57916E-01	0.17447E+00	-0.13313E+00	0.30753E+01	0.18340E+00	-0.38574E+01
33	0.15400E+01	0.53559E+00	0.45533E+00	0.32427E+01	-0.47538E+00	-0.36163E+01
34	0.38841E+01	0.21435E+01	0.20077E+01	0.34276E+01	-0.10076E+01	-0.39085E+01
35	0.44921E+00	-0.14917E+00	-0.28921E+00	0.34347E+01	-0.33338E+00	-0.39083E+01
36	-0.45020E+00	-0.50412E+00	-0.72983E+00	0.31595E+01	0.22519E+00	-0.40243E+01
37	0.97489E+00	0.63405E+00	0.24043E+00	0.35175E+01	-0.35794E+00	-0.41441E+01
38	-0.41755E+00	-0.43372E+00	-0.34628E+00	0.38717E+01	0.10182E+00	-0.38174E+01
39	-0.55757E+00	-0.42843E+00	-0.35104E+00	0.37224E+01	0.31009E+00	-0.36879E+01
40	-0.64403E+00	-0.14556E+00	-0.30000E+00	0.33606E+01	0.95356E+00	-0.36897E+01
41	-0.91538E+00	-0.69414E+00	-0.37333E+00	0.35340E+01	0.83259E+00	-0.36071E+01
42	-0.13045E+01	-0.34807E+00	-0.24063E+00	0.33903E+01	0.10702E+01	-0.32170E+01
43	-0.62925E+00	-0.36402E+00	-0.53384E+00	0.32107E+01	0.55504E+00	-0.38782E+01
44	-0.98225E+00	-0.44904E+00	-0.61163E+00	0.31615E+01	0.95610E+00	-0.33851E+01
45	-0.15683E+01	-0.76154E+00	-0.80688E+00	0.33378E+01	0.89866E+00	-0.33824E+01
46	-0.82119E+00	-0.79399E-01	-0.17927E+00	0.31974E+01	0.62574E+00	-0.30501E+01
47	0.14813E+00	0.14643E+00	-0.25163E+00	0.33438E+01	0.14805E+00	-0.41843E+01
48	-0.47255E+00	-0.19533E+00	-0.66702E+00	0.35348E+01	0.25779E+00	-0.42210E+01
49	-0.75853E+00	-0.19198E+00	-0.65451E+00	0.34370E+01	0.76942E+00	-0.44567E+01
50	-0.33614E+01	-0.10879E+01	-0.19105E+01	0.30190E+01	0.21485E+01	-0.31276E+01
51	-0.81062E+00	-0.64548E+00	-0.10620E+01	0.14422E+00	0.28627E+00	-0.83128E+00
52	-0.97019E+00	0.23315E+00	-0.64534E+00	-0.87603E+00	0.11808E+01	0.34694E+01
53	-0.13625E+01	0.70130E-01	-0.35604E+00	0.27398E+01	0.10287E+01	-0.27767E+01
54	-0.68155E+00	-0.78753E+00	-0.52384E+00	0.37261E+01	0.13183E+00	-0.33715E+01

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5622

55	-0.89648E+00	-0.61706E+00	-0.41959E+00	0.36035E+01	0.37155E+00	-0.32747E+01
56	-0.14415E+01	-0.44282E+00	-0.79753E-01	0.32884E+01	0.10423E+01	-0.29800E+01
57	-0.13402E+01	-0.37037E+00	-0.32597E+00	0.29955E+01	0.77173E+01	-0.27596E+01
58	-0.14601E+01	-0.24074E+00	-0.27440E+00	0.25704E+01	0.92814E+00	-0.24566E+01
59	-0.44538E+00	-0.70644E+00	-0.40827E+00	0.36454E+01	-0.18807E-01	-0.31160E+01
60	-0.99354E+00	-0.10044E+01	-0.67008E+00	0.34582E+01	0.25783E+00	-0.26056E+01
61	-0.85733E+00	-0.89536E+00	-0.53365E+00	0.34233E+01	0.21634E+00	-0.26055E+01
62	-0.51584E+00	-0.83907E+00	-0.45053E+00	0.32826E+01	-0.32654E-01	-0.21492E+01
63	-0.10471E+01	-0.76687E+00	-0.44159E+00	0.33540E+01	0.36981E+00	-0.27809E+01
64	-0.10961E+01	-0.93357E+00	-0.46023E+00	0.30578E+01	0.32575E+00	-0.22089E+01
65	-0.16685E+01	-0.58824E+00	0.21718E-02	0.31318E+01	0.10159E+01	-0.27379E+01
66	-0.20608E+01	-0.69378E+00	0.19903E-01	0.27809E+01	0.11610E+01	-0.22069E+01
67	-0.16765E+01	-0.84725E+00	0.15888E+00	0.24550E+01	0.90080E+00	-0.16209E+01
68	-0.17370E+01	-0.57890E+00	-0.38632E+00	0.27706E+01	0.84147E+00	-0.24643E+01
69	-0.14662E+01	-0.51354E+00	-0.19500E+00	0.26376E+01	0.66520E+00	-0.20680E+01
70	-0.20737E+01	-0.75259E+00	-0.42515E+00	0.22765E+01	0.85274E+00	-0.15007E+01
71	-0.17417E+01	-0.38766E+00	-0.21602E+00	0.24206E+01	0.91680E+00	-0.20323E+01
72	-0.20020E+01	-0.47923E+00	-0.21076E+00	0.21873E+01	0.88684E+00	-0.15981E+01
73	-0.48676E+00	-0.52470E+00	-0.25936E+00	0.28825E+01	0.80458E-01	-0.12691E+01
74	-0.75186E+00	-0.49300E+00	-0.83732E-01	0.25493E+01	0.23373E+00	-0.11472E+01
75	-0.14130E+01	-0.47214E+00	0.49249E+00	0.21131E+01	0.65982E+00	-0.95550E+00
76	-0.16810E+01	-0.46489E+00	-0.98645E-01	0.23548E+01	0.59061E+00	-0.15049E+01
77	-0.12053E+01	-0.58555E+00	0.30962E-01	0.15377E+01	0.40446E+00	-0.56250E+00
78	-0.12677E+01	-0.47947E+00	0.89066E-01	0.12816E+01	0.42830E+00	-0.36537E+00
79	-0.19753E+01	-0.47963E+00	-0.12774E+00	0.16722E+01	0.67118E+00	-0.87746E+00
80	-0.21189E+01	-0.54111E+00	-0.19418E+00	0.11634E+01	0.47285E+00	-0.31314E+00
81	-0.11168E+01	-0.25414E+00	0.29103E+00	0.63108E+00	0.41278E+00	-0.15027E+00
82	-0.13036E+01	-0.46293E+00	0.14632E+00	0.57771E+00	0.40263E+00	-0.16885E+00
83	-0.19135E+01	-0.27054E+00	0.48806E-01	0.10397E+01	0.45407E+00	-0.34285E+00
84	-0.23514E+01	-0.51003E+00	-0.18828E+00	0.11535E+01	0.75245E+00	-0.35612E+00
85	-0.27098E+01	-0.44683E+00	-0.29532E+00	0.16424E+01	0.93801E+00	-0.10277E+01
86	-0.26332E+01	-0.38636E+00	-0.16425E+00	0.12970E+01	0.91080E+00	-0.71150E+00
87	-0.18510E+01	-0.10484E+00	-0.10099E+00	0.17198E+01	0.91195E+00	-0.10657E+01
88	-0.20410E+01	-0.34343E+00	-0.20382E+00	0.18716E+01	0.11110E+01	-0.16115E+01
89	-0.22219E+01	-0.38649E+00	-0.27688E+00	0.16795E+01	0.12030E+01	-0.14752E+01
90	-0.23168E+01	-0.22292E+00	-0.72087E-01	0.12401E+01	0.12862E+01	-0.71987E+00
91	-0.25236E+01	-0.55801E+00	-0.38400E+00	0.11529E+01	0.13819E+01	-0.10539E+01
92	-0.24571E+01	-0.47943E+00	-0.29626E+00	0.88372E+00	0.13713E+01	-0.72188E+00
93	-0.16305E+01	0.32305E+00	-0.38261E+00	0.20100E+01	0.12027E+01	-0.22782E+01
94	-0.17325E+01	-0.33658E+00	-0.56058E+00	0.20306E+01	0.10848E+01	-0.21969E+01
95	-0.12415E+01	-0.79138E+00	-0.62099E+00	0.15253E+01	0.10353E+01	-0.16645E+01
96	-0.15391E+01	-0.27781E+00	-0.28951E+00	0.20866E+01	0.10156E+01	-0.19155E+01
97	-0.10797E+01	-0.56427E+00	-0.44379E+00	0.17450E+01	0.10276E+01	-0.14461E+01
98	-0.13187E+01	-0.36711E+00	-0.24946E+00	0.14849E+01	0.96932E+00	-0.14087E+01
99	-0.13223E+01	0.11491E+00	0.76983E-01	0.16878E+01	0.95818E+00	-0.14850E+01
100	-0.11603E+01	-0.59629E-01	-0.32123E-01	0.12959E+01	0.96171E+00	-0.10746E+01
101	-0.14222E+01	-0.33008E+00	-0.28738E+00	0.10535E+01	0.98030E+00	-0.83287E+00
102	-0.11267E+01	0.70701E-01	0.18929E+00	0.10028E+01	0.95746E+00	-0.80311E+00
103	-0.94627E+00	-0.25645E+00	-0.56590E-01	0.48340E+00	0.88065E+00	-0.42147E+00
104	-0.95774E+00	-0.27109E+00	-0.70630E-01	0.24148E+00	0.88194E+00	-0.28769E+00
105	-0.16843E+01	-0.19343E+00	-0.72018E+00	0.17686E+01	0.14857E+01	-0.21128E+01
106	-0.25732E+01	-0.16353E+01	-0.20087E+01	0.17858E+00	0.16209E+01	-0.99038E+00
107	-0.20010E+01	-0.11777E+01	-0.15237E+01	0.96751E+00	0.15493E+01	-0.14978E+01
108	-0.16474E+01	-0.10670E+01	-0.13194E+01	0.10021E+01	0.14776E+01	-0.15099E+01
109	-0.14597E+01	-0.91219E+00	-0.12706E+01	0.43122E+00	0.14740E+01	-0.99691E+00
110	-0.24784E+00	0.31407E-01	-0.31123E+00	0.14038E+01	0.13418E+01	-0.15670E+01
111	0.26057E+00	0.13361E+00	-0.18431E+00	0.10287E+01	0.12334E+01	-0.85873E+00
112	0.29040E+00	0.16396E+00	-0.14008E+00	0.15694E+01	0.12262E+01	-0.85058E+00
113	0.46965E+00	0.20578E+00	0.16080E+00	0.16508E+01	0.10155E+01	-0.16638E+01
114	0.62259E+00	0.37459E+00	0.10537E+00	0.14125E+01	0.94301E+00	-0.82979E+00

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115	0.69261E+00	0.43112E+00	0.23390E+00	0.24154E+01	0.91376E+00	-0.30506E+00
116	0.14685E+00	0.14783E+00	0.10989E+00	0.18623E+01	0.68193E+00	-0.14460E+01
117	-0.19999E+00	-0.10472E+00	-0.18239E+00	0.20462E+01	0.52792E+00	-0.75152E+00
118	-0.11940E+00	-0.53347E-01	-0.32304E-01	0.17708E+01	0.49317E+00	-0.69422E+00
119	-0.15491E+00	0.23527E+00	0.16877E+00	0.14603E+01	0.36098E+00	-0.10867E+01
120	-0.49715E+00	-0.26451E+00	-0.16482E+00	0.14936E+01	0.24340E+00	-0.61736E+00
121	-0.44223E+00	-0.22553E+00	-0.66493E-01	0.12700E+01	0.22170E+00	-0.54039E+00
122	-0.44914E-01	0.50356E+00	0.41946E+00	0.11768E+01	0.13968E+00	-0.82768E+00
123	-0.28552E+00	-0.11591E+00	0.10410E+00	0.10218E+01	0.35886E-01	-0.44728E+00
124	-0.25618E+00	-0.92676E-01	0.15421E+00	0.79065E+00	0.25501E-01	-0.35705E+00
125	-0.27531E+00	0.12405E+00	0.22372E+00	0.61731E+00	0.18958E-01	-0.40827E+00
126	-0.32459E+00	-0.12603E+00	0.13061E+00	0.50882E+00	-0.29697E-01	-0.24133E+00
127	-0.31863E+00	-0.11734E+00	0.13677E+00	0.26138E+00	-0.29796E-01	-0.17266E+00
128	0.37892E-01	0.23566E+00	0.40047E+00	0.34335E+00	-0.53035E-01	-0.20907E+00
129	0.25499E+00	0.22873E+00	0.48389E+00	0.22244E+00	-0.11230E+00	-0.75136E-01
163	-0.20897E+01	-0.15967E+00	-0.86162E+00	0.28315E+01	0.15658E+01	-0.31301E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5100E+01

FL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.24010E+00	-0.16007E+01	0.13606E+01	0.50487E+02	-0.11833E+02	-0.22309E+02
131	0.39332E-01	0.26221E+00	-0.22288E+00	0.11621E+03	-0.17019E+02	-0.65127E+02
132	-0.19047E-01	-0.12698E+00	0.10793E+00	0.19258E+03	-0.27872E+02	-0.11085E+03
133	-0.33950E-01	0.22633E+00	-0.19238E+00	0.27656E+03	-0.39663E+02	-0.16115E+03
134	0.63567E-01	0.42378E+00	-0.36022E+00	0.37017E+03	-0.52841E+02	-0.22075E+03
135	-0.15836E-01	-0.10557E+00	0.89737E-01	0.43597E+03	-0.65107E+02	-0.27356E+03
136	0.91398E-01	0.60932E+00	-0.51792E+00	0.49455E+03	-0.69653E+02	-0.31008E+03
137	0.16913E+00	0.11276E+01	-0.95843E+00	0.49810E+03	-0.79402E+02	-0.32650E+03
138	-0.47889E+00	-0.31926E+01	0.22343E+01	0.51007E+03	-0.16589E+03	-0.35203E+03
139	-0.57683E+00	-0.38455E+01	0.16278E+01	0.49795E+03	-0.33876E+03	-0.37126E+03
140	0.96352E-01	0.64568E+00	-0.54833E+00	0.62215E+03	-0.41098E+03	-0.41988E+03
141	0.12519E+00	0.83461E+00	-0.70942E+00	0.62162E+03	-0.41838E+03	-0.44654E+03
142	0.12864E+00	0.85760E+00	-0.72896E+00	0.64683E+03	-0.41991E+03	-0.47350E+03
143	0.13773E+00	0.91822E+00	-0.78048E+00	-0.22206E+03	-0.54898E+03	0.37745E+03
144	0.28461E-01	0.53974E+00	-0.50128E+00	-0.22206E+03	-0.53806E+03	0.35432E+03
145	-0.10037E+01	-0.66913E+01	0.63359E+01	0.27323E+02	-0.41639E+03	0.87725E+03
146	-0.41762E+00	-0.27842E+01	0.46699E+01	0.79675E+02	-0.31030E+03	0.76705E+03
147	-0.43028E+00	-0.28685E+01	0.46084E+01	0.71273E+02	-0.32132E+03	0.75487E+03
148	-0.44549E+00	-0.29699E+01	-0.36649E+00	0.67495E+02	-0.33363E+03	0.75691E+03
149	-0.46359E+00	-0.30906E+01	-0.30445E+00	0.62729E+02	-0.34831E+03	0.77153E+03
150	-0.53526E+00	-0.35684E+01	0.38011E+00	0.23757E+02	-0.38147E+03	0.74932E+03
151	-0.64883E+00	-0.43255E+01	-0.16803E+02	0.11033E+02	-0.43447E+03	0.76737E+03
152	-0.61338E+00	-0.40892E+01	-0.31029E+02	0.15238E+02	-0.41001E+03	0.76039E+03
153	-0.55494E+00	-0.36996E+01	-0.27546E+02	0.58272E+01	-0.37214E+03	0.74237E+03
154	-0.41090E+00	-0.27393E+01	-0.54010E+02	-0.41877E+01	-0.27682E+03	0.72044E+03
155	-0.19919E+00	-0.13279E+01	-0.44844E+02	0.15918E+02	-0.13150E+03	0.67211E+03
156	-0.28091E-01	-0.18727E+00	-0.38141E+02	0.26497E+01	-0.18485E+02	0.62071E+03
157	0.10817E+00	0.72115E+00	-0.30524E+02	0.11367E+02	0.74415E+02	0.54930E+03
158	0.21503E+00	0.14335E+01	-0.25343E+02	0.55119E+01	0.14536E+03	0.47998E+03
159	0.29332E+00	0.19588E+01	-0.17385E+02	-0.24653E+01	0.19713E+03	0.39247E+03
160	0.34495E+00	0.22997E+01	-0.12618E+02	-0.36500E+01	0.23132E+03	0.31101E+03
161	0.40824E+00	0.27216E+01	-0.59041E+01	0.15562E+01	0.25722E+03	0.21199E+03
162	0.41629E+00	0.27752E+01	0.59401E+00	0.44444E+01	0.24660E+03	0.14137E+03
163	0.46725E+00	0.31150E+01	0.14163E+01	-0.10551E+02	0.27446E+03	0.94317E+02
164	0.44995E+00	0.29997E+01	0.23127E+01	-0.16812E+02	0.26330E+03	0.60652E+02

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165	0.21614E+03	0.31772E+02	0.10855E+01	0.39755E+01	0.26001E+03	0.46783E+02
166	0.16975E+03	0.22877E+02	0.31146E+01	0.11049E+01	0.24109E+03	0.43374E+02
167	0.13179E+03	0.16474E+02	0.35519E+01	-0.43287E+00	0.20556E+03	0.40597E+02
168	0.98560E+02	0.11676E+02	0.33263E+01	-0.19780E+01	0.16943E+03	0.38299E+02
169	0.61418E+02	0.55496E+01	0.37878E+01	-0.33212E+01	0.14578E+03	0.35789E+02
170	0.25587E+02	-0.98296E+00	0.48827E+01	-0.48010E+01	0.13214E+03	0.32929E+02
171	-0.10949E+02	-0.71699E+01	0.54419E+01	-0.67333E+01	0.10792E+03	0.28370E+02
172	-0.30928E+02	-0.96442E+01	0.48267E+01	-0.85521E+01	0.76638E+02	0.24329E+02
173	-0.29820E+02	-0.75539E+01	0.29205E+01	-0.93503E+01	0.48236E+02	0.20886E+02
174	-0.19058E+02	-0.36869E+01	0.76448E+00	-0.90381E+01	0.27402E+02	0.17961E+02
175	-0.45370E+01	-0.13761E+00	-0.48985E+00	-0.73952E+01	0.18988E+02	0.15923E+02
176	0.10745E+01	0.82087E+00	-0.58354E+00	-0.58414E+01	0.19510E+02	0.14394E+02
177	0.20906E+01	0.64460E+00	-0.28381E+00	-0.42784E+01	0.19700E+02	0.11681E+02
178	0.77732E+00	0.10113E+00	0.20555E-01	-0.29814E+01	0.14580E+02	0.84337E+01
179	-0.26761E+00	-0.84677E-01	0.43891E-01	-0.23562E+01	0.10406E+02	0.59762E+01
180	0.35713E-01	-0.19495E-01	0.24047E-01	-0.16894E+01	0.61715E+01	0.36275E+01
181	-0.55901E-01	-0.95271E-01	0.72594E-01	-0.12040E+01	0.28429E+01	0.12870E+01
182	0.39225E+00	0.18217E+00	-0.10725E+00	-0.37165E+00	-0.63137E+00	-0.19333E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5200E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.23016E-01	0.13216E-04	0.23236E-01	0.00000E+00
3	-0.43707E-01	-0.90295E-04	0.43719E-01	0.00000E+00
4	-0.49205E-01	-0.95383E-04	0.49064E-01	0.00000E+00
5	-0.56856E-01	0.51242E-06	0.56841E-01	0.00000E+00
6	-0.62310E-01	-0.29761E-05	0.62312E-01	0.00000E+00
7	-0.56931E-01	-0.33992E-03	0.57013E-01	0.00000E+00
8	-0.62482E-01	-0.25954E-03	0.62548E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.22773E-01	-0.16221E-03	0.22774E-01	0.00000E+00
11	-0.43367E-01	-0.40592E-03	0.43461E-01	0.00000E+00
12	-0.49037E-01	-0.49480E-03	0.49180E-01	0.00000E+00
13	-0.57101E-01	-0.43954E-03	0.57270E-01	0.00000E+00
14	-0.62880E-01	-0.33428E-03	0.63179E-01	0.00000E+00
15	-0.57506E-01	-0.71576E-03	0.58179E-01	0.00000E+00
16	-0.63541E-01	-0.49545E-03	0.64249E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.22479E-01	-0.22751E-03	0.22940E-01	0.00000E+00
19	-0.43279E-01	-0.61797E-03	0.44107E-01	0.00000E+00
20	-0.49282E-01	-0.73078E-03	0.50180E-01	0.00000E+00
21	-0.57942E-01	-0.71931E-03	0.59055E-01	0.00000E+00
22	-0.64490E-01	-0.53031E-03	0.65805E-01	0.00000E+00
23	-0.58541E-01	-0.89742E-03	0.60381E-01	0.00000E+00
24	-0.65762E-01	-0.49922E-03	0.67927E-01	0.00000E+00
25	-0.66515E-01	-0.64522E-03	0.69234E-01	0.00000E+00
26	-0.66963E-01	-0.60051E-03	0.70011E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.22136E-01	-0.49475E-04	0.22797E-01	0.00000E+00
29	-0.43033E-01	-0.33628E-03	0.44286E-01	0.00000E+00
30	-0.49371E-01	-0.55242E-03	0.50894E-01	0.00000E+00
31	-0.58963E-01	-0.72547E-03	0.61440E-01	0.00000E+00
32	-0.67416E-01	-0.46586E-03	0.70830E-01	0.00000E+00
33	-0.59032E-01	-0.70350E-03	0.61669E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.22121E-01	0.64841E-04	0.22620E-01	0.00000E+00
36	-0.42932E-01	-0.43930E-04	0.44012E-01	0.00000E+00
37	-0.49261E-01	-0.17171E-03	0.50564E-01	0.00000E+00
38	-0.59076E-01	-0.39941E-03	0.61671E-01	0.00000E+00
39	-0.67999E-01	-0.56268E-03	0.72064E-01	0.00000E+00
40	-0.67882E-01	-0.56090E-03	0.71794E-01	0.00000E+00
41	-0.67764E-01	-0.55835E-03	0.71535E-01	0.00000E+00
42	-0.67636E-01	-0.55117E-03	0.71238E-01	0.00000E+00
43	-0.49003E-01	0.28299E-03	0.49150E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.21743E-01	0.24827E-03	0.21319E-01	0.00000E+00
46	-0.42258E-01	0.34546E-03	0.41310E-01	0.00000E+00
47	-0.68032E-01	-0.56273E-03	0.72140E-01	0.00000E+00
48	-0.68038E-01	-0.56277E-03	0.72153E-01	0.00000E+00
49	-0.59070E-01	-0.30701E-03	0.61578E-01	0.00000E+00
50	-0.68079E-01	-0.57427E-03	0.72375E-01	0.00000E+00
51	-0.58574E-01	0.85492E-04	0.59085E-01	0.00000E+00
52	-0.66876E-01	-0.91630E-03	0.67949E-01	0.00000E+00
53	-0.68009E-01	-0.56500E-03	0.72104E-01	0.00000E+00
54	-0.48271E-01	0.21318E-03	0.47258E-01	0.00000E+00
55	-0.57609E-01	-0.12510E-03	0.56478E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.21029E-01	0.40389E-03	0.19482E-01	0.00000E+00
58	-0.40757E-01	0.30392E-03	0.37875E-01	0.00000E+00
59	-0.65082E-01	-0.68597E-03	0.54101E-01	0.00000E+00
60	-0.66364E-01	-0.82876E-03	0.66688E-01	0.00000E+00
61	-0.68091E-01	-0.58488E-03	0.72509E-01	0.00000E+00
62	-0.46631E-01	0.28089E-03	0.43284E-01	0.00000E+00
63	-0.55156E-01	0.15377E-05	0.51206E-01	0.00000E+00
64	-0.67286E-01	-0.94350E-03	0.68499E-01	0.00000E+00
65	-0.68103E-01	-0.59494E-03	0.72641E-01	0.00000E+00
66	-0.68198E-01	-0.61463E-03	0.72905E-01	0.00000E+00
67	-0.68293E-01	-0.63375E-03	0.73175E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.20246E-01	0.39252E-03	0.17467E-01	0.00000E+00
70	-0.38907E-01	0.72104E-03	0.33800E-01	0.00000E+00
71	-0.62734E-01	-0.30445E-03	0.58332E-01	0.00000E+00
72	-0.67529E-01	-0.10450E-02	0.67982E-01	0.00000E+00
73	-0.52534E-01	0.50055E-03	0.43399E-01	0.00000E+00
74	-0.69586E-01	-0.11660E-02	0.70147E-01	0.00000E+00
75	-0.68374E-01	-0.64734E-03	0.73426E-01	0.00000E+00
76	-0.68887E-01	-0.66997E-03	0.73885E-01	0.00000E+00
77	-0.59475E-01	0.12939E-04	0.51415E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.19624E-01	0.58967E-03	0.15793E-01	0.00000E+00
80	-0.37043E-01	0.96618E-03	0.29685E-01	0.00000E+00
81	-0.41917E-01	0.11367E-02	0.33554E-01	0.00000E+00
82	-0.49185E-01	0.84960E-03	0.39134E-01	0.00000E+00
83	-0.69314E-01	-0.89614E-03	0.64765E-01	0.00000E+00
84	-0.62798E-01	-0.37962E-03	0.50972E-01	0.00000E+00
85	-0.69965E-01	-0.69996E-03	0.74489E-01	0.00000E+00
86	-0.71875E-01	-0.11296E-02	0.72599E-01	0.00000E+00
87	-0.55654E-01	0.47170E-03	0.44224E-01	0.00000E+00
88	-0.71206E-01	-0.10700E-02	0.68929E-01	0.00000E+00
89	-0.70937E-01	-0.72413E-03	0.75074E-01	0.00000E+00
90	-0.42836E-01	0.66607E-03	0.27403E-01	0.00000E+00
91	-0.46630E-01	0.26342E-03	0.29285E-01	0.00000E+00
92	-0.49091E-01	-0.13105E-03	0.30438E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.16050E-01	0.00000E+00	0.71456E-02	0.00000E+00
95	-0.29889E-01	0.00000E+00	0.13447E-01	0.00000E+00
96	-0.33313E-01	0.00000E+00	0.14977E-01	0.00000E+00
97	-0.37601E-01	0.00000E+00	0.17027E-01	0.00000E+00
98	-0.39422E-01	0.00000E+00	0.17814E-01	0.00000E+00
99	-0.42488E-01	0.26444E-03	0.23548E-01	0.00000E+00
100	-0.52566E-01	-0.29804E-03	0.34366E-01	0.00000E+00
101	-0.68346E-01	-0.15312E-02	0.54397E-01	0.00000E+00
102	-0.73471E-01	-0.74694E-03	0.75922E-01	0.00000E+00
103	-0.73084E-01	-0.13555E-02	0.68159E-01	0.00000E+00
104	-0.75685E-01	-0.11471E-02	0.75714E-01	0.00000E+00
105	-0.75588E-01	-0.76929E-03	0.76706E-01	0.00000E+00
106	-0.75558E-01	-0.18037E-02	0.70413E-01	0.00000E+00
107	-0.78549E-01	-0.13017E-02	0.77979E-01	0.00000E+00
108	-0.77384E-01	-0.77545E-03	0.77423E-01	0.00000E+00
109	-0.78835E-01	-0.77891E-03	0.78050E-01	0.00000E+00
110	-0.78686E-01	-0.26074E-02	0.72808E-01	0.00000E+00
111	-0.80633E-01	-0.15537E-02	0.79629E-01	0.00000E+00
112	-0.80033E-01	-0.77359E-03	0.78592E-01	0.00000E+00
113	-0.79776E-01	-0.23933E-02	0.74896E-01	0.00000E+00
114	-0.80899E-01	-0.76110E-03	0.79027E-01	0.00000E+00
115	-0.81518E-01	-0.74496E-03	0.79364E-01	0.00000E+00
116	-0.81809E-01	-0.72993E-03	0.79574E-01	0.00000E+00

117	-0.81450E-01	-0.15762E-02	0.80332E-01	0.00000E+00
118	-0.81824E-01	-0.72285E-03	0.79642E-01	0.00000E+00
119	-0.81815E-01	-0.70622E-03	0.79696E-01	0.00000E+00
120	-0.81773E-01	-0.18119E-02	0.80762E-01	0.00000E+00
121	-0.81765E-01	-0.58472E-03	0.79722E-01	0.00000E+00
122	-0.81764E-01	-0.66484E-03	0.79766E-01	-0.48007E-05
123	-0.81751E-01	-0.62254E-03	0.79799E-01	-0.85357E-05
124	-0.81727E-01	-0.55480E-03	0.79834E-01	-0.13215E-04
125	-0.81654E-01	-0.45533E-03	0.79870E-01	-0.19014E-04
126	-0.81575E-01	-0.21711E-03	0.79931E-01	-0.27085E-04
127	-0.81439E-01	0.77329E-04	0.79989E-01	-0.30524E-04
128	-0.81150E-01	0.74188E-03	0.80110E-01	-0.27679E-04
129	-0.80937E-01	0.12676E-02	0.80221E-01	-0.19346E-04
130	-0.80807E-01	0.16258E-02	0.80344E-01	-0.83785E-05
131	-0.80825E-01	0.16332E-02	0.80534E-01	0.61836E-05
132	-0.80970E-01	0.13115E-02	0.80710E-01	0.11484E-04
133	-0.81114E-01	0.72348E-03	0.80870E-01	0.96513E-05
134	-0.81190E-01	0.42580E-03	0.81002E-01	0.46364E-05
135	-0.81219E-01	0.32723E-03	0.81111E-01	0.17759E-05
136	-0.81238E-01	0.24114E-03	0.81189E-01	0.27651E-05
137	-0.81252E-01	0.13579E-03	0.81258E-01	0.26828E-05
138	-0.81262E-01	0.22366E-04	0.81263E-01	0.31398E-05
139	-0.81263E-01	0.26171E-05	0.81263E-01	0.26384E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5200E+01

A16

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.51129E-01	0.14711E-01	0.49382E-01	-0.28052E+01	-0.25864E-01	0.23174E+01
2	0.96625E-01	0.10209E-01	0.77233E-01	-0.25414E+01	-0.39790E-01	0.25407E+01
3	0.12216E+00	0.10195E-01	0.61140E-01	-0.21021E+01	-0.19139E-01	0.21112E+01
4	-0.87236E-01	-0.11577E-01	-0.87098E-01	-0.17193E+01	0.47912E-01	0.17636E+01
5	0.67041E-01	0.17392E-01	0.44432E-01	-0.17325E+01	0.66307E-02	0.17656E+01
6	-0.60877E-01	0.17285E-01	0.20276E-01	-0.17651E+01	0.33017E-01	0.17989E+01
7	-0.68277E-01	-0.14927E-02	0.94812E-03	-0.12851E+01	0.26818E-01	0.12871E+01
8	-0.14208E+00	-0.14767E-02	-0.72433E-02	-0.12833E+01	0.62233E-01	0.13239E+01
9	-0.36229E-02	-0.74044E-01	-0.14776E-01	-0.27682E+01	0.53942E-03	0.27986E+01
10	0.38181E-02	-0.10323E+00	0.93960E-02	-0.25399E+01	0.13462E-01	0.25757E+01
11	-0.36074E-01	-0.10447E+00	0.87742E-01	-0.21782E+01	0.75770E-01	0.22203E+01
12	-0.28924E+00	-0.11907E+00	-0.92253E-01	-0.17970E+01	0.13868E+00	0.17955E+01
13	-0.62651E-01	-0.52257E-01	0.50255E-01	-0.18342E+01	0.55938E-01	0.18814E+01
14	-0.24241E+00	-0.58473E-01	0.29907E-02	-0.18769E+01	0.11410E+00	0.19592E+01
15	-0.29751E+00	-0.32205E-01	-0.38403E-01	-0.13635E+01	0.14529E+00	0.13784E+01
16	-0.37046E+00	-0.28574E-01	-0.22071E-01	-0.14137E+01	0.17036E+00	0.14685E+01
17	0.31382E-01	-0.24607E-01	0.25587E-01	-0.27228E+01	-0.13558E-01	0.27972E+01
18	0.52524E-01	-0.70920E-01	0.59898E-01	-0.25278E+01	-0.22679E-01	0.26161E+01
19	0.39963E-01	-0.12259E+00	0.15352E+00	-0.22242E+01	-0.13152E-02	0.23598E+01
20	-0.38206E+00	-0.13899E+00	-0.58651E-01	-0.19084E+01	0.18603E+00	0.19561E+01
21	-0.41617E-01	-0.12506E+00	0.76674E-01	-0.19762E+01	0.12396E-01	0.21608E+01
22	-0.34813E+00	-0.27464E+00	-0.76026E-01	-0.20481E+01	0.12412E+00	0.23079E+01
23	-0.49232E+00	-0.22834E-01	-0.25409E-01	-0.15565E+01	0.24682E+00	0.16286E+01
24	-0.95947E+00	-0.23770E+00	-0.25954E+00	-0.16713E+01	0.39379E+00	0.17151E+01
25	-0.45911E+00	-0.71106E-01	0.16596E-01	-0.17369E+01	0.22584E+00	0.19309E+01
26	-0.12647E+01	-0.52842E+00	-0.46368E+00	-0.18025E+01	0.47038E+00	0.21230E+01
27	0.76805E-01	0.63241E-01	0.74725E-01	-0.26940E+01	-0.27926E-01	0.27754E+01
28	0.10464E+00	0.16801E-01	0.10658E+00	-0.24972E+01	-0.74621E-01	0.26227E+01
29	0.17503E+00	-0.51920E-01	0.19836E+00	-0.21614E+01	-0.20623E+00	0.24261E+01
30	-0.11185E+00	-0.11231E+00	0.92295E-01	-0.20664E+01	0.59083E-01	0.23043E+01
31	-0.91015E-01	-0.12268E+00	0.13219E+00	-0.19980E+01	-0.14493E+00	0.23853E+01
32	-0.11603E+00	-0.16192E+00	0.56569E-01	-0.19470E+01	-0.58635E-01	0.24181E+01
33	-0.10226E+01	-0.41712E+00	-0.32672E+00	-0.20020E+01	0.32242E+00	0.22246E+01
34	-0.24137E+01	-0.13653E+01	-0.12441E+01	-0.21042E+01	0.62192E+00	0.23926E+01
35	-0.30642E+00	0.41360E-01	0.16521E+00	-0.21052E+01	0.20840E+00	0.23924E+01
36	0.17050E+00	0.21873E+00	0.39224E+00	-0.19454E+01	-0.83206E-01	0.24526E+01
37	-0.60748E+00	-0.40779E+00	-0.13684E+00	-0.21502E+01	0.22297E+00	0.25158E+01
38	0.15742E+00	0.16922E+00	0.13168E+00	-0.26742E+01	-0.45941E-01	0.26836E+01
39	0.22250E+00	0.14733E+00	0.15078E+00	-0.25054E+01	-0.14125E+00	0.25260E+01
40	0.23753E+00	-0.63954E-03	0.16638E+00	-0.21931E+01	-0.43300E+00	0.24015E+01
41	0.40917E+00	0.31703E+00	0.22741E+00	-0.22952E+01	-0.38229E+00	0.23716E+01
42	0.61520E+00	0.11166E+00	0.16145E+00	-0.22232E+01	-0.50846E+00	0.21707E+01
43	0.26310E+00	0.14195E+00	0.28095E+00	-0.20306E+01	-0.25867E+00	0.24246E+01
44	0.47265E+00	0.20667E+00	0.34357E+00	-0.20023E+01	-0.47888E+00	0.21521E+01
45	0.77441E+00	0.36896E+00	0.44754E+00	-0.21086E+01	-0.42834E+00	0.21508E+01
46	0.37300E+00	-0.18154E-01	0.10227E+00	-0.20338E+01	-0.29915E+00	0.19949E+01
47	-0.15130E+00	-0.13894E+00	0.13433E+00	-0.20553E+01	-0.51534E-01	0.25375E+01
48	0.23146E+00	0.11006E+00	0.42462E+00	-0.21572E+01	-0.14373E+00	0.25555E+01
49	0.37076E+00	0.66752E-01	0.37610E+00	-0.21286E+01	-0.39165E+00	0.26709E+01
50	0.13871E+01	0.59548E+00	0.11210E+01	-0.18537E+01	-0.11472E+01	0.19317E+01
51	0.49290E+00	0.39478E+00	0.66850E+00	-0.87678E-01	-0.15995E+00	0.49545E+00
52	0.44295E+00	-0.25869E+00	0.31732E+00	0.43528E+00	-0.62181E+00	-0.17349E+01
53	0.65538E+00	-0.10266E+00	0.20183E+00	-0.16959E+01	-0.49560E+00	0.17459E+01
54	0.23616E+00	0.31347E+00	0.21353E+00	-0.26081E+01	-0.59736E-01	0.24908E+01

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55	0.39715E+00	0.23433E+00	0.18986E+00	-0.24551E+01	-0.17092E+00	0.23407E+01
56	0.66997E+00	0.15417E+00	0.32754E-01	-0.21781E+01	-0.48015E+00	0.20732E+01
57	0.62192E+00	0.13231E+00	0.18102E+00	-0.19268E+01	-0.35757E+00	0.18553E+01
58	0.68140E+00	0.77553E-01	0.16986E+00	-0.16036E+01	-0.43066E+00	0.16029E+01
59	0.17035E+00	0.26908E+00	0.15680E+00	-0.25702E+01	0.67763E-02	0.23793E+01
60	0.46456E+00	0.44572E+00	0.31406E+00	-0.24754E+01	-0.12985E+00	0.21316E+01
61	0.36746E+00	0.37215E+00	0.22709E+00	-0.24601E+01	-0.98201E-01	0.21312E+01
62	0.23410E+00	0.37624E+00	0.20701E+00	-0.23985E+01	0.13545E-01	0.19232E+01
63	0.47775E+00	0.31267E+00	0.20617E+00	-0.23311E+01	-0.18399E+00	0.21163E+01
64	0.51200E+00	0.41584E+00	0.22601E+00	-0.21886E+01	-0.16041E+00	0.18398E+01
65	0.73736E+00	0.22839E+00	0.46631E-01	-0.20930E+01	-0.49834E+00	0.19718E+01
66	0.10059E+01	0.30545E+00	0.51173E-01	-0.19053E+01	-0.58188E+00	0.16769E+01
67	0.82977E+00	0.40205E+00	-0.11594E-01	-0.17513E+01	-0.45616E+00	0.13985E+01
68	0.32666E+00	0.25111E+00	0.22479E+00	-0.18037E+01	-0.41230E+00	0.17125E+01
69	0.70032E+00	0.20150E+00	0.11928E+00	-0.17524E+01	-0.33539E+00	0.15468E+01
70	0.10689E+01	0.36398E+00	0.27655E+00	-0.15444E+01	-0.45435E+00	0.11986E+01
71	0.83315E+00	0.15149E+00	0.14739E+00	-0.15376E+01	-0.45473E+00	0.14012E+01
72	0.10206E+01	0.21164E+00	0.16489E+00	-0.14178E+01	-0.47460E+00	0.11756E+01
73	0.23969E+00	0.24625E+00	0.12367E+00	-0.21855E+01	-0.54020E-01	0.14007E+01
74	0.39228E+00	0.24163E+00	0.50739E-01	-0.19244E+01	-0.15569E+00	0.12310E+0,
75	0.75765E+00	0.24241E+00	-0.22062E+00	-0.15599E+01	-0.43803E+00	0.99151E+00
76	0.90747E+00	0.23285E+00	0.11015E+00	-0.15826E+01	-0.38478E+00	0.11993E+01
77	0.67670E+00	0.34619E+00	0.40594E-01	-0.11559E+01	-0.27086E+00	0.67411E+00
78	0.76761E+00	0.31390E+00	0.17127E-01	-0.95798E+00	-0.30124E+00	0.44228E+00
79	0.10900E+01	0.25470E+00	0.13871E+00	-0.11203E+01	-0.43528E+00	0.74942E+00
80	0.13270E+01	0.36545E+00	0.24732E+00	-0.82186E+00	-0.37493E+00	0.40424E+00
81	0.66227E+00	0.16959E+00	-0.10192E+00	-0.48421E+00	-0.29438E+00	0.21425E+00
82	0.84972E+00	0.35033E+00	0.26101E-01	-0.41614E+00	-0.30491E+00	0.16989E+00
83	0.11987E+01	0.21254E+00	-0.99621E-01	-0.63338E+00	-0.36520E+00	0.31909E+00
84	0.13313E+01	0.28413E+00	0.18540E+00	-0.76867E+00	-0.49201E+00	0.36077E+00
85	0.15059E+01	0.26219E+00	0.26930E+00	-0.10116E+01	-0.59317E+00	0.72205E+00
86	0.14739E+01	0.23822E+00	0.21325E+00	-0.74753E+00	-0.58115E+00	0.47231E+00
87	0.92432E+00	-0.31577E-02	-0.41357E-02	-0.10747E+01	-0.49013E+00	0.81672E+00
88	0.10141E+01	0.15581E+00	0.17198E+00	-0.11475E+01	-0.56255E+00	0.10619E+01
89	0.11239E+01	0.19305E+00	0.22965E+00	-0.99407E+00	-0.61576E+00	0.93212E+00
90	0.11766E+01	0.73379E-01	0.11095E+00	-0.73027E+00	-0.67018E+00	0.47870E+00
91	0.13006E+01	0.30298E+00	0.30640E+00	-0.65572E+00	-0.71852E+00	0.63392E+00
92	0.12624E+01	0.25507E+00	0.25864E+00	-0.47690E+00	-0.71378E+00	0.40568E+0,
93	0.79637E+00	-0.25197E+00	0.21365E+00	-0.12298E+01	-0.58346E+00	0.14202E+01
94	0.84218E+00	0.14332E+00	0.33263E+00	-0.12469E+01	-0.51123E+00	0.13856E+01
95	0.54916E+00	0.40602E+00	0.36243E+00	-0.92206E+00	-0.46635E+00	0.10202E+01
96	0.73355E+00	0.11497E+00	0.20239E+00	-0.12575E+01	-0.47224E+00	0.12153E+01
97	0.45606E+00	0.27388E+00	0.26182E+00	-0.10242E+01	-0.46259E+00	0.86722E+00
98	0.60227E+00	0.17977E+00	0.18524E+00	-0.83408E+00	-0.42778E+00	0.86630E+00
99	0.61410E+00	-0.95666E-01	0.17636E-01	-0.99992E+00	-0.43950E+00	0.93816E+00
100	0.52264E+00	0.90405E-02	0.71344E-01	-0.74506E+00	-0.42322E+00	0.63874E+00
101	0.67188E+00	0.16061E+00	0.20733E+00	-0.59585E+00	-0.42916E+00	0.47797E+00
102	0.54880E+00	-0.38138E-01	-0.78616E-02	-0.54289E+00	-0.42729E+00	0.45053E+00
103	0.45376E+00	0.12827E+00	0.99145E-01	-0.27678E+00	-0.37292E+00	0.22873E+00
104	0.46024E+00	0.13807E+00	0.10552E+00	-0.13037E+00	-0.37287E+00	0.13989E+00
105	0.87867E+00	0.71714E-01	0.42912E+00	-0.10889E+01	-0.75537E+00	0.13355E+01
106	0.13999E+01	0.89123E+00	0.11500E+01	-0.11275E+00	-0.85052E+00	0.60019E+00
107	0.10607E+01	0.62550E+00	0.87079E+00	-0.60168E+00	-0.80563E+00	0.95205E+00
108	0.84546E+00	0.56157E+00	0.75147E+00	-0.62338E+00	-0.75808E+00	0.95477E+00
109	0.71546E+00	0.45143E+00	0.70311E+00	-0.26536E+00	-0.75104E+00	0.60335E+00
110	0.21445E-01	-0.72751E-01	0.16690E+00	-0.84676E+00	-0.67032E+00	0.97392E+00
111	-0.30954E+00	-0.16916E+00	0.58243E-01	-0.62312E+00	-0.59543E+00	0.51806E+00
112	-0.32676E+00	-0.18608E+00	0.32121E-01	-0.94406E+00	-0.59097E+00	0.51176E+00
113	-0.37815E+00	-0.14156E+00	-0.79206E-01	-0.99039E+00	-0.46787E+00	0.10201E+01
114	-0.52493E+00	-0.31023E+00	-0.11321E+00	-0.84383E+00	-0.41407E+00	0.49756E+00

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115	-0.56547E+00	-0.33621E+00	-0.18857E+00	-0.14274E+01	-0.39666E+00	0.48090E+00
116	-0.16846E+00	-0.94309E-01	-0.34119E-01	-0.10849E+01	-0.26442E+00	0.86750E+00
117	-0.64808E-02	-0.43657E-02	0.80326E-01	-0.11977E+01	-0.16452E+00	0.44682E+00
118	-0.52494E-01	-0.32830E-01	-0.62430E-02	-0.10242E+01	-0.14424E+00	0.41108E+00
119	0.33630E-01	-0.12249E+00	-0.46681E-01	-0.83644E+00	-0.74027E-01	0.63909E+00
120	0.16088E+00	0.99583E-01	0.81207E-01	-0.85682E+00	0.14524E-02	0.36401E+00
121	0.15016E+00	0.78382E-01	0.25610E-01	-0.71976E+00	0.13891E-01	0.31744E+00
122	-0.89244E-02	-0.26524E+00	-0.17647E+00	-0.65298E+00	0.52598E-01	0.47557E+00
123	0.98443E-01	0.39791E-01	-0.46319E-01	-0.57644E+00	0.11780E+00	0.26172E+00
124	0.82384E-01	0.27662E-01	-0.74357E-01	-0.44231E+00	0.12379E+00	0.20812E+00
125	0.11902E+00	-0.76363E-01	-0.77684E-01	-0.33910E+00	0.11735E+00	0.22185E+00
126	0.13915E+00	0.58195E-01	-0.50670E-01	-0.28587E+00	0.14896E+00	0.14024E+00
127	0.15630E+00	0.54390E-01	-0.53996E-01	-0.14446E+00	0.14920E+00	0.10007E+00
128	-0.32884E-01	-0.12556E+00	-0.17347E+00	-0.18255E+00	0.15356E+00	0.10504E+00
129	-0.13347E+00	-0.10812E+00	-0.21839E+00	-0.12546E+00	0.18430E+00	0.41309E-01
183	0.10935E+01	0.25210E-01	0.48857E+00	-0.17446E+01	-0.79500E+00	0.19332E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.13584E+00	0.90561E+00	-0.76977E+00	-0.31113E+02	0.77599E+01	0.13861E+02
131	-0.29999E-01	-0.19999E+00	0.17000E+00	-0.71707E+02	0.11682E+02	0.40814E+02
132	0.15898E-01	0.10599E+00	-0.90090E-01	-0.11893E+03	0.19332E+02	0.69716E+02
133	-0.14118E-01	-0.94122E-01	0.80004E-01	-0.17109E+03	0.27657E+02	0.10157E+03
134	-0.18762E-01	-0.12508E+00	0.10632E+00	-0.22913E+03	0.36942E+02	0.13923E+03
135	0.32857E-01	0.21905E+00	-0.18619E+00	-0.27079E+03	0.45202E+02	0.17244E+03
136	-0.33956E-01	-0.22638E+00	0.19242E+00	-0.30637E+03	0.48507E+02	0.19493E+03
137	-0.76102E-01	-0.50735E+00	0.43125E+00	-0.30850E+03	0.54828E+02	0.20526E+03
138	0.30845E+00	0.20564E+01	-0.14458E+01	-0.31500E+03	0.11164E+03	0.22077E+03
139	0.33405E+00	0.22270E+01	-0.84924E+00	-0.30838E+03	0.22464E+03	0.23324E+03
140	-0.13608E+00	-0.90721E+00	0.77113E+00	-0.38506E+03	0.27255E+03	0.26326E+03
141	-0.14554E+00	-0.97028E+00	0.82474E+00	-0.38500E+03	0.27721E+03	0.27972E+03
142	-0.17243E+00	-0.11496E+01	0.97713E+00	-0.39939E+03	0.27840E+03	0.29570E+03
143	-0.17799E+00	-0.11866E+01	0.10086E+01	0.12752E+03	0.35682E+03	-0.21082E+03
144	-0.12798E+00	-0.85321E+00	0.72523E+00	0.12868E+03	0.35090E+03	-0.19585E+03
145	0.65504E+00	0.43669E+01	-0.35579E+01	-0.19762E+02	0.27146E+03	-0.52287E+03
146	0.27150E+00	0.18100E+01	-0.27716E+01	-0.51961E+02	0.20170E+03	-0.46501E+03
147	0.27904E+00	0.18602E+01	-0.27251E+01	-0.46692E+02	0.20831E+03	-0.45635E+03
148	0.28804E+00	0.19203E+01	0.29390E+00	-0.43961E+02	0.21566E+03	-0.45758E+03
149	0.29873E+00	0.19915E+01	0.24408E+00	-0.40413E+02	0.22445E+03	-0.46716E+03
150	0.34383E+00	0.22922E+01	-0.15646E+00	-0.17839E+02	0.24465E+03	-0.45232E+03
151	0.41595E+00	0.27730E+01	0.10212E+02	-0.89954E+01	0.27824E+03	-0.46328E+03
152	0.39402E+00	0.26263E+01	0.18669E+02	-0.10939E+02	0.26321E+03	-0.45785E+03
153	0.35840E+00	0.23893E+01	0.16492E+02	-0.45986E+01	0.24022E+03	-0.44559E+03
154	0.27267E+00	0.18178E+01	0.31914E+02	0.19667E+01	0.18357E+03	-0.43082E+03
155	0.14769E+00	0.98460E+00	0.26301E+02	-0.10401E+02	0.97713E+02	-0.40022E+03
156	0.47848E-01	0.31898E+00	0.22074E+02	-0.21231E+01	0.31843E+02	-0.36819E+03
157	-0.30900E-01	-0.20600E+00	0.17604E+02	-0.71589E+01	-0.21844E+02	-0.32472E+03
158	-0.92145E-01	-0.61430E+00	0.14423E+02	-0.34011E+01	-0.62448E+02	-0.28281E+03
159	-0.13714E+00	-0.91427E+00	0.10220E+02	0.17620E+00	-0.92156E+02	-0.23068E+03
160	-0.16663E+00	-0.11109E+01	0.71751E+01	0.13149E+01	-0.11181E+03	-0.18233E+03
161	-0.20043E+00	-0.13362E+01	0.34595E+01	-0.15466E+01	-0.12640E+03	-0.12419E+03
162	-0.20542E+00	-0.13695E+01	-0.24315E+00	-0.25929E+01	-0.12174E+03	-0.82898E+02
163	-0.23095E+00	-0.15397E+01	-0.59033E+00	0.51488E+01	-0.13567E+03	-0.55359E+02
164	-0.22346E+00	-0.14899E+01	-0.10856E+01	0.73622E+01	-0.13085E+03	-0.33939E+02

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165	-0.10350E+03	-0.13524E+02	-0.26477E+00	-0.17521E+01	-0.12954E+03	-0.25069E+02
166	-0.81206E+02	-0.11201E+02	-0.12846E+01	-0.39694E+00	-0.12021E+03	-0.23369E+02
167	-0.63016E+02	-0.80488E+01	-0.15623E+01	0.32059E+00	-0.10262E+03	-0.21986E+02
168	-0.47112E+02	-0.56872E+01	-0.15086E+01	0.10404E+01	-0.84723E+02	-0.20847E+02
169	-0.29356E+02	-0.27343E+01	-0.17474E+01	0.16556E+01	-0.73136E+02	-0.19607E+02
170	-0.12276E+02	0.37767E+00	-0.22679E+01	0.23301E+01	-0.66692E+02	-0.18194E+02
171	0.51945E+01	0.33284E+01	-0.25286E+01	0.32097E+01	-0.55243E+02	-0.16175E+02
172	0.14557E+02	0.44793E+01	-0.22316E+01	0.40298E+01	-0.40469E+02	-0.13884E+02
173	0.13934E+02	0.34573E+01	-0.13366E+01	0.43761E+01	-0.26840E+02	-0.12098E+02
174	0.91441E+01	0.16970E+01	-0.31137E+00	0.42051E+01	-0.16756E+02	-0.10495E+02
175	0.21577E+01	0.43238E-02	0.28134E+00	0.34100E+01	-0.12200E+02	-0.92805E+01
176	-0.57376E+00	-0.45678E+00	0.32385E+00	0.26689E+01	-0.12129E+02	-0.83382E+01
177	-0.11755E+01	-0.37072E+00	0.16436E+00	0.19213E+01	-0.12013E+02	-0.67548E+01
178	-0.47772E+00	-0.59069E-01	-0.16509E-01	0.13250E+01	-0.88768E+01	-0.48777E+01
179	0.17210E+00	0.60035E-01	-0.33734E-01	0.10835E+01	-0.63048E+01	-0.34435E+01
180	-0.85412E-02	0.14494E-01	-0.15540E-01	0.80430E+00	-0.37185E+01	-0.20832E+01
181	0.51959E-01	0.59652E-01	-0.45972E-01	0.62299E+00	-0.17081E+01	-0.72984E+00
182	-0.22154E+00	-0.10289E+00	0.60574E-01	0.21226E+00	0.39641E+00	0.20950E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5500E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.98414E-02	0.13367E-04	0.98883E-02	0.00000E+00
3	-0.18652E-01	-0.21606E-04	0.18660E-01	0.00000E+00
4	-0.20939E-01	-0.31124E-04	0.20922E-01	0.00000E+00
5	-0.24146E-01	-0.31328E-05	0.24144E-01	0.00000E+00
6	-0.26313E-01	-0.14509E-05	0.26314E-01	0.00000E+00
7	-0.24173E-01	-0.20950E-03	0.24164E-01	0.00000E+00
8	-0.26375E-01	-0.16759E-03	0.26380E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.96610E-02	-0.11009E-03	0.96337E-02	0.00000E+00
11	-0.18406E-01	-0.26300E-03	0.18578E-01	0.00000E+00
12	-0.20793E-01	-0.32746E-03	0.20771E-01	0.00000E+00
13	-0.24199E-01	-0.30752E-03	0.24167E-01	0.00000E+00
14	-0.26534E-01	-0.25356E-03	0.26556E-01	0.00000E+00
15	-0.24326E-01	-0.50320E-03	0.24382E-01	0.00000E+00
16	-0.26800E-01	-0.38626E-03	0.26862E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.93776E-02	-0.17135E-03	0.94132E-02	0.00000E+00
19	-0.18149E-01	-0.45043E-03	0.18177E-01	0.00000E+00
20	-0.20705E-01	-0.56829E-03	0.20719E-01	0.00000E+00
21	-0.24437E-01	-0.55096E-03	0.24499E-01	0.00000E+00
22	-0.27187E-01	-0.45243E-03	0.27319E-01	0.00000E+00
23	-0.24596E-01	-0.71225E-03	0.24671E-01	0.00000E+00
24	-0.27713E-01	-0.50182E-03	0.27971E-01	0.00000E+00
25	-0.28026E-01	-0.62898E-03	0.28390E-01	0.00000E+00
26	-0.28216E-01	-0.62844E-03	0.28648E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.89556E-02	-0.10415E-03	0.86719E-02	0.00000E+00
29	-0.17595E-01	-0.36414E-03	0.17098E-01	0.00000E+00
30	-0.20320E-01	-0.53120E-03	0.19849E-01	0.00000E+00
31	-0.24589E-01	-0.67281E-03	0.24567E-01	0.00000E+00
32	-0.28404E-01	-0.58824E-03	0.28922E-01	0.00000E+00
33	-0.24541E-01	-0.68660E-03	0.24405E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.88091E-02	-0.32216E-04	0.82701E-02	0.00000E+00
36	-0.17363E-01	-0.22311E-03	0.16411E-01	0.00000E+00
37	-0.20073E-01	-0.34441E-03	0.19057E-01	0.00000E+00
38	-0.24482E-01	-0.53213E-03	0.24117E-01	0.00000E+00
39	-0.28646E-01	-0.64030E-03	0.29312E-01	0.00000E+00
40	-0.28597E-01	-0.63864E-03	0.29229E-01	0.00000E+00
41	-0.28549E-01	-0.63650E-03	0.29150E-01	0.00000E+00
42	-0.28497E-01	-0.63126E-03	0.29058E-01	0.00000E+00
43	-0.19535E-01	-0.63339E-04	0.16868E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.81244E-02	0.77115E-04	0.61555E-02	0.00000E+00
46	-0.16159E-01	0.64348E-04	0.12271E-01	0.00000E+00
47	-0.28656E-01	-0.64033E-03	0.29316E-01	0.00000E+00
48	-0.28662E-01	-0.64038E-03	0.29340E-01	0.00000E+00
49	-0.24452E-01	-0.47713E-03	0.23964E-01	0.00000E+00
50	-0.28681E-01	-0.64494E-03	0.29450E-01	0.00000E+00
51	-0.23530E-01	-0.23899E-03	0.21088E-01	0.00000E+00
52	-0.27741E-01	-0.30643E-03	0.25173E-01	0.00000E+00
53	-0.28637E-01	-0.64062E-03	0.29232E-01	0.00000E+00
54	-0.18664E-01	-0.49959E-04	0.14280E-01	0.00000E+00
55	-0.22791E-01	-0.23109E-03	0.17709E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.71432E-02	0.23837E-03	0.34272E-02	0.00000E+00
58	-0.14361E-01	0.11344E-03	0.74024E-02	0.00000E+00
59	-0.26220E-01	-0.63059E-03	0.20693E-01	0.00000E+00
60	-0.27344E-01	-0.75183E-03	0.23849E-01	0.00000E+00
61	-0.28687E-01	-0.64996E-03	0.29511E-01	0.00000E+00
62	-0.16636E-01	0.77373E-04	0.65631E-02	0.00000E+00
63	-0.20141E-01	-0.11628E-03	0.10609E-01	0.00000E+00
64	-0.27924E-01	-0.82295E-03	0.25359E-01	0.00000E+00
65	-0.28693E-01	-0.65465E-03	0.29572E-01	0.00000E+00
66	-0.28739E-01	-0.66395E-03	0.29692E-01	0.00000E+00
67	-0.28784E-01	-0.67319E-03	0.29815E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.62440E-02	0.16361E-03	0.10795E-02	0.00000E+00
70	-0.12238E-01	0.39429E-03	0.24933E-02	0.00000E+00
71	-0.23523E-01	-0.32206E-03	0.12739E-01	0.00000E+00
72	-0.27911E-01	-0.87604E-03	0.24394E-01	0.00000E+00
73	-0.17279E-01	0.30033E-03	0.40210E-02	0.00000E+00
74	-0.28935E-01	-0.95856E-03	0.25255E-01	0.00000E+00
75	-0.28823E-01	-0.67903E-03	0.29930E-01	0.00000E+00
76	-0.29070E-01	-0.68861E-03	0.30138E-01	0.00000E+00
77	-0.20200E-01	0.95057E-04	0.50143E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.53764E-02	0.30383E-03	-0.11619E-02	0.00000E+00
80	-0.10225E-01	0.54814E-03	-0.21452E-02	0.00000E+00
81	-0.11677E-01	0.67680E-03	-0.23477E-02	0.00000E+00
82	-0.14256E-01	0.59625E-03	-0.21710E-02	0.00000E+00
83	-0.26704E-01	-0.63642E-03	0.14991E-01	0.00000E+00
84	-0.20568E-01	0.15998E-03	0.67647E-03	0.00000E+00
85	-0.29595E-01	-0.70105E-03	0.30414E-01	0.00000E+00
86	-0.30025E-01	-0.95929E-03	0.26307E-01	0.00000E+00
87	-0.16761E-01	0.50329E-03	-0.17415E-02	0.00000E+00
88	-0.28777E-01	-0.83448E-03	0.20867E-01	0.00000E+00
89	-0.30069E-01	-0.71065E-03	0.30684E-01	0.00000E+00
90	-0.91911E-02	0.44291E-03	-0.88002E-02	0.00000E+00
91	-0.10268E-01	0.35825E-03	-0.97339E-02	0.00000E+00
92	-0.11196E-01	0.27262E-03	-0.99529E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.20784E-02	0.00000E+00	-0.62369E-02	0.00000E+00
95	-0.40088E-02	0.00000E+00	-0.11388E-01	0.00000E+00
96	-0.45087E-02	0.00000E+00	-0.12611E-01	0.00000E+00
97	-0.54516E-02	0.00000E+00	-0.13514E-01	0.00000E+00
98	-0.58760E-02	0.00000E+00	-0.13724E-01	0.00000E+00
99	-0.78202E-02	0.26989E-03	-0.11572E-01	0.00000E+00
100	-0.13036E-01	0.25575E-03	-0.86001E-02	0.00000E+00
101	-0.23618E-01	-0.20458E-03	0.15776E-02	0.00000E+00
102	-0.31335E-01	-0.71774E-03	0.31078E-01	0.00000E+00
103	-0.28655E-01	-0.84152E-03	0.16216E-01	0.00000E+00
104	-0.31993E-01	-0.98902E-03	0.27733E-01	0.00000E+00
105	-0.32395E-01	-0.72181E-03	0.31445E-01	0.00000E+00
106	-0.30099E-01	-0.10006E-02	0.17237E-01	0.00000E+00
107	-0.33484E-01	-0.10761E-02	0.28616E-01	0.00000E+00
108	-0.33316E-01	-0.71683E-03	0.31784E-01	0.00000E+00
109	-0.34053E-01	-0.70869E-03	0.32083E-01	0.00000E+00
110	-0.32206E-01	-0.12513E-02	0.18693E-01	0.00000E+00
111	-0.34661E-01	-0.11780E-02	0.29681E-01	0.00000E+00
112	-0.34574E-01	-0.69530E-03	0.32344E-01	0.00000E+00
113	-0.33197E-01	-0.11872E-02	0.21259E-01	0.00000E+00
114	-0.35103E-01	-0.67452E-03	0.32554E-01	0.00000E+00
115	-0.35403E-01	-0.65165E-03	0.32718E-01	0.00000E+00
116	-0.35527E-01	-0.62791E-03	0.32820E-01	0.00000E+00

421

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422

117	-0.35103E-01	-0.11326E-02	0.30151E-01	0.00000E+00
118	-0.35529E-01	-0.41631E-03	0.32853E-01	0.00000E+00
119	-0.35494E-01	-0.59517E-03	0.32877E-01	0.00000E+00
120	-0.35375E-01	-0.10657E-02	0.30634E-01	0.00000E+00
121	-0.35431E-01	-0.56592E-03	0.32894E-01	0.00000E+00
122	-0.35428E-01	-0.53743E-03	0.32943E-01	-0.70667E-05
123	-0.35406E-01	-0.47542E-03	0.32982E-01	-0.12885E-04
124	-0.35369E-01	-0.37447E-03	0.33022E-01	-0.19968E-04
125	-0.35300E-01	-0.22407E-03	0.33062E-01	-0.29108E-04
126	-0.35129E-01	0.14181E-03	0.33129E-01	-0.42069E-04
127	-0.34912E-01	0.59919E-03	0.33193E-01	-0.47771E-04
128	-0.34447E-01	0.16455E-02	0.33324E-01	-0.44151E-04
129	-0.34096E-01	0.24867E-02	0.33445E-01	-0.31318E-04
130	-0.33576E-01	0.30669E-02	0.33576E-01	-0.13709E-04
131	-0.33347E-01	0.31312E-02	0.33777E-01	0.76425E-05
132	-0.34050E-01	0.25668E-02	0.33956E-01	0.15228E-04
133	-0.34235E-01	0.19059E-02	0.34116E-01	0.13299E-04
134	-0.34344E-01	0.14220E-02	0.34247E-01	0.91744E-05
135	-0.34408E-01	0.10785E-02	0.34352E-01	0.72806E-05
136	-0.34454E-01	0.74828E-03	0.34428E-01	0.77664E-05
137	-0.34482E-01	0.41488E-03	0.34475E-01	0.77358E-05
138	-0.34501E-01	0.62597E-04	0.34502E-01	0.80226E-05
139	-0.34501E-01	0.77218E-05	0.34501E-01	0.77340E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5300E+01

423

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.22084E-01	-0.49144E-02	0.84057E-02	-0.11965E+01	-0.10475E-01	0.11967E+01
2	0.49705E-01	-0.62309E-02	0.17104E-01	-0.10871E+01	-0.20399E-01	0.10852E+01
3	0.78204E-01	-0.66502E-02	0.92903E-02	-0.89802E+00	-0.28378E-01	0.90295E+00
4	-0.25662E-01	-0.35683E-02	-0.25803E-01	-0.73211E+00	0.87141E-02	0.74213E+00
5	0.41242E-01	0.18323E-02	0.91089E-02	-0.74336E+00	-0.10720E-01	0.75310E+00
6	-0.19085E-01	-0.13243E-02	-0.14468E-01	-0.75558E+00	0.27960E-02	0.76640E+00
7	-0.30050E-01	-0.33575E-02	-0.14582E-01	-0.52341E+00	0.82452E-02	0.52566E+00
8	-0.58091E-01	-0.34598E-02	-0.25770E-01	-0.52504E+00	0.16549E-01	0.54415E+00
9	-0.34187E-02	-0.59469E-01	-0.24859E-01	-0.11658E+01	-0.85267E-02	0.11676E+01
10	0.17836E-01	-0.77014E-01	-0.23439E-01	-0.10799E+01	-0.16172E-01	0.10827E+01
11	0.43557E-01	-0.74440E-01	-0.99349E-02	-0.93830E+00	-0.19037E-01	0.94586E+00
12	-0.12085E+00	-0.66084E-01	-0.74605E-01	-0.77321E+00	0.38696E-01	0.76526E+00
13	0.33595E-02	-0.36447E-01	-0.10576E-01	-0.79680E+00	-0.56295E-02	0.81609E+00
14	-0.96216E-01	-0.48749E-01	-0.51939E-01	-0.81716E+00	0.18983E-01	0.84565E+00
15	-0.12882E+00	-0.19423E-01	-0.53815E-01	-0.56848E+00	0.45044E-01	0.57170E+00
16	-0.15701E+00	-0.13815E-01	-0.59059E-01	-0.59561E+00	0.47852E-01	0.61832E+00
17	0.20483E-01	-0.44984E-01	-0.15092E-01	-0.11178E+01	-0.26037E-01	0.11073E+01
18	0.66971E-01	-0.72447E-01	-0.17435E-01	-0.10582E+01	-0.63130E-01	0.10588E+01
19	0.14826E+00	-0.97802E-01	-0.21558E-01	-0.95893E+00	-0.13281E+00	0.99952E+00
20	-0.14884E+00	-0.83920E-01	-0.87244E-01	-0.83766E+00	0.28896E-01	0.84445E+00
21	0.47056E-01	-0.91938E-01	-0.30824E-01	-0.88089E+00	-0.72921E-01	0.97099E+00
22	-0.13248E+00	-0.19649E+00	-0.14396E+00	-0.91799E+00	-0.13747E-01	0.10427E+01
23	-0.21144E+00	-0.13488E-01	-0.77156E-01	-0.67650E+00	-0.69078E-01	0.70315E+00
24	-0.45811E+00	-0.13737E+00	-0.21547E+00	-0.74454E+00	0.14309E+00	0.76123E+00
25	-0.18703E+00	-0.70095E-01	-0.83593E-01	-0.77980E+00	0.43479E-01	0.88812E+00
26	-0.65980E+00	-0.36415E+00	-0.38325E+00	-0.82730E+00	0.17816E+00	0.99517E+00
27	0.51904E-01	0.22335E-03	0.69879E-02	-0.10770E+01	-0.43088E-01	0.10362E+01
28	0.10623E+00	-0.39261E-01	-0.11506E-01	-0.10253E+01	-0.11651E+00	0.10167E+01
29	0.26771E+00	-0.66609E-01	-0.31571E-01	-0.91796E+00	-0.31813E+00	0.10072E+01
30	0.64813E-02	-0.10616E+00	-0.57116E-01	-0.93239E+00	-0.81656E-01	0.10410E+01
31	0.13716E+00	-0.11169E+00	-0.32867E-01	-0.88973E+00	-0.20820E+00	0.10915E+01
32	-0.91017E-02	-0.16019E+00	-0.10667E+00	-0.86398E+00	-0.15671E+00	0.11105E+01
33	-0.45754E+00	-0.25109E+00	-0.26453E+00	-0.91910E+00	0.76145E-01	0.10554E+01
34	-0.12133E+01	-0.73562E+00	-0.76016E+00	-0.96847E+00	0.28054E+00	0.11609E+01
35	-0.25250E+00	-0.11445E+00	-0.11798E+00	-0.96733E+00	0.82779E-01	0.11606E+01
36	0.18585E+00	0.10202E+00	0.11851E+00	-0.89224E+00	-0.17183E+00	0.12131E+01
37	-0.41432E+00	-0.35171E+00	-0.28266E+00	-0.10043E+01	0.90144E-01	0.12672E+01
38	0.10550E+00	0.63010E-01	0.32824E-01	-0.10310E+01	-0.61728E-01	0.88134E+00
39	0.20244E+00	0.45222E-01	-0.22624E-02	-0.99988E+00	-0.18292E+00	0.87174E+00
40	0.36025E+00	-0.30259E-01	-0.75643E-01	-0.91626E+00	-0.54654E+00	0.97972E+00
41	0.44864E+00	0.11933E+00	-0.85962E-01	-0.97681E+00	-0.48151E+00	0.92953E+00
42	0.59438E+00	0.22631E-01	-0.15624E+00	-0.91314E+00	-0.59381E+00	0.73744E+00
43	0.24782E+00	0.33993E-01	0.30363E-01	-0.90092E+00	-0.31034E+00	0.11236E+01
44	0.34022E+00	0.39233E-01	0.18177E-01	-0.88714E+00	-0.47507E+00	0.92074E+00
45	0.57255E+00	0.15477E+00	0.73186E-01	-0.93741E+00	-0.48186E+00	0.91875E+00
46	0.32121E+00	-0.67564E-01	-0.13957E+00	-0.89127E+00	-0.34241E+00	0.74565E+00
47	-0.67036E-01	-0.14276E+00	-0.74669E-01	-0.94816E+00	-0.12507E+00	0.12841E+01
48	-0.78690E-03	-0.12139E+00	-0.27662E-01	-0.10119E+01	-0.99680E-01	0.13041E+01
49	0.24201E+00	-0.28413E-01	0.50031E-01	-0.10096E+01	-0.37096E+00	0.14260E+01
50	0.10449E+01	0.23621E+00	0.40626E+00	-0.87121E+00	-0.93817E+00	0.89877E+00
51	0.16185E+00	0.10004E+00	0.15749E+00	-0.42178E-01	-0.11094E+00	0.25505E+00
52	0.31058E+00	-0.11503E+00	0.68457E-01	0.37649E+00	-0.53012E+00	-0.17437E+01
53	0.51600E+00	-0.93656E-01	-0.85308E-01	-0.77998E+00	-0.53984E+00	0.74297E+00
54	0.20399E+00	0.17095E+00	0.88444E-01	-0.92741E+00	-0.78062E-01	0.58439E+00

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5622

55	0.32128E+00	0.10097E+00	-0.99449E-02	-0.92410E+00	-0.21467E+00	0.61473E+00
56	0.67097E+00	0.54885E-01	-0.24939E+00	-0.86331E+00	-0.59493E+00	0.58328E+00
57	0.53810E+00	0.40520E-01	-0.11430E+00	-0.81413E+00	-0.43104E+00	0.59256E+00
58	0.58505E+00	0.12905E-02	-0.16073E+00	-0.71732E+00	-0.51114E+00	0.56019E+00
59	0.51331E-01	0.10960E+00	0.18730E-01	-0.87367E+00	0.16301E-01	0.41783E+00
60	0.33091E+00	0.23829E+00	0.12423E+00	-0.76863E+00	-0.13543E+00	0.13028E+00
61	0.28782E+00	0.20057E+00	0.73623E-01	-0.75287E+00	-0.12089E+00	0.13020E+00
62	0.56066E-01	0.13034E+00	0.93294E-02	-0.65711E+00	0.23118E-01	-0.14308E+00
63	0.36520E+00	0.15616E+00	-0.20039E-01	-0.79956E+00	-0.18445E+00	0.32643E+00
64	0.38246E+00	0.22921E+00	-0.12641E-01	-0.65182E+00	-0.16037E+00	0.22474E-01
65	0.74467E+00	0.95962E-01	-0.31177E+00	-0.79309E+00	-0.50309E+00	0.42782E+00
66	0.83990E+00	0.15014E+00	-0.33555E+00	-0.65948E+00	-0.55253E+00	0.21997E+00
67	0.72123E+00	0.22482E+00	-0.38067E+00	-0.51013E+00	-0.42475E+00	-0.85677E-01
68	0.68132E+00	0.10109E+00	-0.13414E+00	-0.72320E+00	-0.41127E+00	0.43756E+00
69	0.56894E+00	0.10579E+00	-0.18767E+00	-0.65045E+00	-0.31025E+00	0.19084E+00
70	0.77153E+00	0.21265E+00	-0.11775E+00	-0.53301E+00	-0.35399E+00	0.31711E-01
71	0.69457E+00	0.69488E-01	-0.20913E+00	-0.64681E+00	-0.43637E+00	0.33853E+00
72	0.73704E+00	0.11231E+00	-0.23011E+00	-0.55736E+00	-0.35755E+00	0.14933E+00
73	0.13786E+00	0.11453E+00	0.18494E-01	-0.45836E+00	-0.17071E-01	-0.45275E+00
74	0.24496E+00	0.10041E+00	-0.98461E-01	-0.42205E+00	-0.46744E-01	-0.37658E+00
75	0.54380E+00	0.10021E+00	-0.41418E+00	-0.38046E+00	-0.12401E+00	-0.26622E+00
76	0.53961E+00	0.65764E-01	-0.25303E+00	-0.56531E+00	-0.11042E+00	0.32021E-01
77	0.40843E+00	0.14308E+00	-0.20923E+00	-0.25258E+00	-0.68864E-01	-0.28966E+00
78	0.38164E+00	0.57549E-01	-0.23777E+00	-0.22348E+00	-0.56612E-01	-0.19683E+00
79	0.65904E+00	0.11977E+00	-0.22493E+00	-0.39453E+00	-0.12521E+00	-0.59614E-01
80	0.59303E+00	0.10296E+00	-0.20722E+00	-0.24162E+00	0.32646E-02	-0.20554E+00
81	0.36517E+00	0.55925E-01	-0.27732E+00	-0.10136E+00	-0.45072E-01	-0.12452E+00
82	0.33531E+00	0.18579E-01	-0.28886E+00	-0.11394E+00	-0.21562E-01	-0.46113E-01
83	0.53309E+00	0.32135E-01	-0.28625E+00	-0.26580E+00	0.12808E-01	-0.63563E-01
84	0.78148E+00	0.16483E+00	-0.19222E+00	-0.27111E+00	-0.13311E+00	-0.10627E+00
85	0.88462E+00	0.79940E-01	-0.24830E+00	-0.46558E+00	-0.19226E+00	0.14104E+00
86	0.86860E+00	0.89835E-01	-0.29832E+00	-0.40364E+00	-0.17527E+00	0.12123E+00
87	0.72293E+00	0.49105E-01	-0.32866E+00	-0.46629E+00	-0.35783E+00	0.14739E-01
88	0.78639E+00	0.68699E-01	-0.24891E+00	-0.52177E+00	-0.50317E+00	0.31993E+00
89	0.82691E+00	0.73549E-01	-0.25421E+00	-0.48668E+00	-0.52971E+00	0.33849E+00
90	0.87381E+00	0.88214E-01	-0.30771E+00	-0.37009E+00	-0.54237E+00	0.12607E+00
91	0.91925E+00	0.15454E+00	-0.23086E+00	-0.34943E+00	-0.58570E+00	0.28671E+00
92	0.91283E+00	0.15562E+00	-0.24801E+00	-0.28945E+00	-0.57834E+00	0.24085E+00
93	0.62352E+00	-0.15338E+00	-0.66234E-01	-0.58700E+00	-0.62279E+00	0.60758E+00
94	0.68439E+00	0.53377E-01	-0.36171E-01	-0.57167E+00	-0.58360E+00	0.55486E+00
95	0.53229E+00	0.20961E+00	-0.61847E-02	-0.42699E+00	-0.59343E+00	0.44692E+00
96	0.60112E+00	0.19493E-01	-0.18960E+00	-0.60972E+00	-0.55493E+00	0.45318E+00
97	0.48485E+00	0.14666E+00	-0.61823E-01	-0.51681E+00	-0.58933E+00	0.40584E+00
98	0.53976E+00	0.76612E-01	-0.19108E+00	-0.42268E+00	-0.56522E+00	0.36130E+00
99	0.55327E+00	-0.62831E-01	-0.32152E+00	-0.50422E+00	-0.53103E+00	0.34526E+00
100	0.47899E+00	-0.90335E-02	-0.26793E+00	-0.39049E+00	-0.56067E+00	0.30356E+00
101	0.56057E+00	0.81241E-01	-0.16431E+00	-0.31406E+00	-0.57507E+00	0.25604E+00
102	0.40356E+00	-0.57767E-01	-0.40490E+00	-0.33857E+00	-0.54011E+00	0.27087E+00
103	0.33747E+00	0.67131E-01	-0.25569E+00	-0.12390E+00	-0.53892E+00	0.15106E+00
104	0.35691E+00	0.93038E-01	-0.23300E+00	-0.67332E-01	-0.54055E+00	0.13516E+00
105	0.55757E+00	-0.31986E-01	0.16012E-01	-0.50990E+00	-0.71237E+00	0.53085E+00
106	0.85838E+00	0.48872E+00	0.51559E+00	-0.53476E-01	-0.73300E+00	0.28217E+00
107	0.66066E+00	0.31428E+00	0.33008E+00	-0.27054E+00	-0.71278E+00	0.36167E+00
108	0.55947E+00	0.28146E+00	0.26289E+00	-0.27825E+00	-0.69719E+00	0.37085E+00
109	0.54064E+00	0.27652E+00	0.29080E+00	-0.12803E+00	-0.70456E+00	0.28378E+00
110	0.12475E+00	-0.69668E-01	-0.64584E-01	-0.42117E+00	-0.66481E+00	0.40963E+00
111	0.17737E-01	-0.39640E-01	-0.44168E-01	-0.30401E+00	-0.64866E+00	0.24538E+00
112	0.91589E-02	-0.47668E-01	-0.57584E-01	-0.46342E+00	-0.64624E+00	0.24399E+00
113	-0.11584E+00	-0.14764E+00	-0.25119E+00	-0.47301E+00	-0.57537E+00	0.44819E+00
114	-0.72246E-01	-0.99775E-01	-0.12258E+00	-0.41893E+00	-0.57352E+00	0.23910E+00

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115	-0.92555E-01	-0.11215E+00	-0.16100E+00	-0.71943E+00	-0.56447E+00	0.23335E+00
116	-0.27871E-01	-0.13234E+00	-0.24660E+00	-0.56763E+00	-0.48432E+00	0.40727E+00
117	0.13432E+00	0.20920E-01	-0.66602E-01	-0.61035E+00	-0.45673E+00	0.21934E+00
118	0.11106E+00	0.74621E-02	-0.11128E+00	-0.53506E+00	-0.44602E+00	0.20419E+00
119	0.44108E-01	-0.15956E+00	-0.27798E+00	-0.44658E+00	-0.39249E+00	0.31545E+00
120	0.20544E+00	0.60095E-01	-0.85071E-01	-0.44837E+00	-0.37374E+00	0.18298E+00
121	0.18996E+00	0.50305E-01	-0.11497E+00	-0.38607E+00	-0.36703E+00	0.16183E+00
122	-0.75005E-03	-0.21389E+00	-0.35330E+00	-0.37723E+00	-0.32428E+00	0.25764E+00
123	0.75505E-01	-0.22038E-01	-0.21038E+00	-0.30317E+00	-0.30605E+00	0.13526E+00
124	0.68926E-01	-0.27352E-01	-0.22402E+00	-0.23095E+00	-0.30302E+00	0.10989E+00
125	0.77389E-01	-0.40630E-01	-0.26501E+00	-0.18787E+00	-0.27948E+00	0.15066E+00
126	0.48369E-01	-0.40892E-01	-0.24062E+00	-0.13277E+00	-0.27436E+00	0.75456E-01
127	0.47697E-01	-0.42155E-01	-0.24105E+00	-0.69677E-01	-0.27449E+00	0.55822E-01
128	-0.74075E-01	-0.12203E+00	-0.33504E+00	-0.98288E-01	-0.24786E+00	0.96128E-01
129	-0.22356E+00	-0.20714E+00	-0.40519E+00	-0.33337E-01	-0.22283E+00	0.27880E-01
133	0.71109E+00	-0.25750E-01	0.85233E-01	-0.81354E+00	-0.75264E+00	0.89898E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.88936E-01	0.59292E+00	-0.50398E+00	-0.11742E+02	-0.67440E+00	0.48472E+01
131	-0.39974E-02	-0.26649E-01	0.22652E-01	-0.29628E+02	-0.23082E+01	0.13387E+02
132	0.14910E-01	0.99401E-01	-0.84491E-01	-0.49730E+02	-0.43582E+01	0.23198E+02
133	-0.30812E-02	-0.20541E-01	0.17460E-01	-0.72309E+02	-0.57245E+01	0.34476E+02
134	-0.37209E-02	-0.24805E-01	0.21085E-01	-0.98030E+02	-0.67042E+01	0.48833E+02
135	0.27341E-01	0.18227E+00	-0.15493E+00	-0.11666E+03	-0.65727E+01	0.62425E+02
136	-0.10675E-01	-0.71158E-01	0.60493E-01	-0.13365E+03	-0.70221E+01	0.72714E+02
137	-0.29495E-01	-0.19663E+00	0.16714E+00	-0.13244E+03	-0.50139E+01	0.76875E+02
138	0.12193E+00	0.81285E+00	-0.59599E+00	-0.13757E+03	0.37712E+01	0.84115E+02
139	0.46015E-01	0.30677E+00	0.50485E-01	-0.13340E+03	0.22657E+02	0.87887E+02
140	-0.17174E+00	-0.11449E+01	0.97321E+00	-0.17062E+03	0.27395E+02	0.10101E+03
141	-0.17329E+00	-0.11553E+01	0.98196E+00	-0.17148E+03	0.28786E+02	0.10775E+03
142	-0.19764E+00	-0.13176E+01	0.11200E+01	-0.18141E+03	0.28419E+02	0.11619E+03
143	-0.20235E+00	-0.13490E+01	0.11467E+01	0.74327E+02	0.66087E+02	-0.14665E+03
144	-0.18608E+00	-0.12539E+01	0.10653E+01	0.71721E+02	0.61456E+02	-0.14221E+03
145	0.11271E+00	0.75139E+00	-0.16186E+01	-0.17312E+02	0.44622E+02	-0.26918E+03
146	0.49618E-01	0.33078E+00	-0.12334E+01	-0.33890E+02	0.33203E+02	-0.21900E+03
147	0.53038E-01	0.35358E+00	-0.12290E+01	-0.30924E+02	0.36287E+02	-0.21717E+03
148	0.57091E-01	0.38061E+00	0.22076E+00	-0.30110E+02	0.39536E+02	-0.21744E+03
149	0.61826E-01	0.41217E+00	0.21503E+00	-0.29300E+02	0.43312E+02	-0.22015E+03
150	0.73926E-01	0.49324E+00	0.95615E-02	-0.15784E+02	0.50853E+02	-0.21530E+03
151	0.90042E-01	0.60026E+00	0.50293E+01	-0.12690E+02	0.58620E+02	-0.21973E+03
152	0.78130E-01	0.52087E+00	0.92145E+01	-0.13337E+02	0.50516E+02	-0.21858E+03
153	0.59346E-01	0.39565E+00	0.81701E+01	-0.10410E+02	0.38330E+02	-0.21427E+03
154	0.14785E-01	0.98565E-01	0.16085E+02	-0.65958E+01	0.89486E+01	-0.20918E+03
155	-0.49990E-01	-0.33326E+00	0.13290E+02	-0.98183E+01	-0.35074E+02	-0.19640E+03
156	-0.10274E+00	-0.68492E+00	0.11452E+02	-0.48872E+01	-0.69791E+02	-0.18276E+03
157	-0.14494E+00	-0.96625E+00	0.90318E+01	-0.56142E+01	-0.98265E+02	-0.16296E+03
158	-0.17798E+00	-0.11866E+01	0.75713E+01	-0.30043E+01	-0.12009E+03	-0.14383E+03
159	-0.20217E+00	-0.13473E+01	0.51567E+01	0.29745E+01	-0.13545E+03	-0.11900E+03
160	-0.21705E+00	-0.14472E+01	0.34849E+01	0.38349E+01	-0.14534E+03	-0.95971E+02
161	-0.24653E+00	-0.16435E+01	0.13294E+01	0.43140E+01	-0.15454E+03	-0.67296E+02
162	-0.25037E+00	-0.16691E+01	-0.31195E+00	0.35745E+01	-0.14738E+03	-0.46711E+02
163	-0.28421E+00	-0.18947E+01	-0.93120E+00	0.74052E+01	-0.16679E+03	-0.32746E+02
164	-0.27677E+00	-0.18451E+01	-0.12694E+01	0.13153E+02	-0.16154E+03	-0.25411E+02

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165	-0.15230E+03	-0.22466E+02	-0.63595E+00	-0.72159E+01	-0.16172E+03	-0.21999E+02
166	-0.12315E+03	-0.16659E+02	-0.21117E+01	-0.51267E+01	-0.15008E+03	-0.19944E+02
167	-0.97446E+02	-0.12260E+02	-0.24841E+01	-0.39253E+01	-0.12801E+03	-0.13255E+02
168	-0.74240E+02	-0.88720E+01	-0.23765E+01	-0.27207E+01	-0.10544E+03	-0.16834E+02
169	-0.47139E+02	-0.43630E+01	-0.27592E+01	-0.16183E+01	-0.90272E+02	-0.15255E+02
170	-0.20366E+02	0.54404E+00	-0.36030E+01	-0.37899E+00	-0.80699E+02	-0.13455E+02
171	0.67495E+01	0.51858E+01	-0.40694E+01	0.12680E+01	-0.63413E+02	-0.10954E+02
172	0.22470E+02	0.72131E+01	-0.36676E+01	0.29135E+01	-0.40831E+02	-0.82972E+01
173	0.22397E+02	0.57753E+01	-0.22533E+01	0.37958E+01	-0.21067E+02	-0.64701E+01
174	0.13452E+02	0.27840E+01	-0.68359E+00	0.39064E+01	-0.70605E+01	-0.52872E+01
175	0.31235E+01	0.24496E+00	0.21677E+00	0.30938E+01	-0.33470E+01	-0.48347E+01
176	-0.59075E+00	-0.39373E+00	0.27902E+00	0.23057E+01	-0.49945E+01	-0.45722E+01
177	-0.96412E+00	-0.28733E+00	0.12786E+00	0.16460E+01	-0.59568E+01	-0.37825E+01
178	-0.31734E+00	-0.46220E-01	-0.98520E-03	0.11484E+01	-0.45629E+01	-0.27376E+01
179	0.54700E-01	0.30723E-01	-0.15423E-01	0.90022E+00	-0.32512E+01	-0.19378E+01
180	-0.21776E-02	0.12103E-01	-0.10789E-01	0.63736E+00	-0.19109E+01	-0.11742E+01
181	0.31562E-01	0.30435E-01	-0.22023E-01	0.42838E+00	-0.87380E+00	-0.42051E+00
182	-0.12750E+00	-0.59214E-01	0.34860E-01	0.12070E+00	0.18467E+00	0.64221E-03

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5400E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.45212E-01	-0.59503E-04	-0.45450E-01	0.00000E+00
3	0.85300E-01	0.88207E-04	-0.85324E-01	0.00000E+00
4	0.95732E-01	0.12106E-03	-0.95605E-01	0.00000E+00
5	0.11024E+00	0.11856E-05	-0.11022E+00	0.00000E+00
6	0.12028E+00	0.61396E-05	-0.12029E+00	0.00000E+00
7	0.11040E+00	0.76961E-03	-0.11044E+00	0.00000E+00
8	0.12059E+00	0.59733E-03	-0.12067E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.44594E-01	0.42994E-03	-0.44496E-01	0.00000E+00
11	0.84508E-01	0.99077E-03	-0.84491E-01	0.00000E+00
12	0.95301E-01	0.11994E-02	-0.95379E-01	0.00000E+00
13	0.11062E+00	0.11030E-02	-0.11071E+00	0.00000E+00
14	0.12132E+00	0.88729E-03	-0.12168E+00	0.00000E+00
15	0.11133E+00	0.19339E-02	-0.11210E+00	0.00000E+00
16	0.12255E+00	0.14532E-02	-0.12342E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.43778E-01	0.75577E-03	-0.44263E-01	0.00000E+00
19	0.83989E-01	0.12546E-02	-0.84819E-01	0.00000E+00
20	0.95451E-01	0.23142E-02	-0.96353E-01	0.00000E+00
21	0.11205E+00	0.22162E-02	-0.11327E+00	0.00000E+00
22	0.12433E+00	0.18042E-02	-0.12598E+00	0.00000E+00
23	0.11308E+00	0.31129E-02	-0.11507E+00	0.00000E+00
24	0.12673E+00	0.22955E-02	-0.12952E+00	0.00000E+00
25	0.12816E+00	0.29924E-02	-0.13174E+00	0.00000E+00
26	0.12901E+00	0.30901E-02	-0.13308E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.42561E-01	0.64953E-03	-0.42735E-01	0.00000E+00
29	0.82598E-01	0.13749E-02	-0.83041E-01	0.00000E+00
30	0.94799E-01	0.26243E-02	-0.95555E-01	0.00000E+00
31	0.11348E+00	0.32717E-02	-0.11607E+00	0.00000E+00
32	0.12987E+00	0.30507E-02	-0.13450E+00	0.00000E+00
33	0.11344E+00	0.33563E-02	-0.11604E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.42150E-01	0.42436E-03	-0.41812E-01	0.00000E+00
36	0.81988E-01	0.13781E-02	-0.81498E-01	0.00000E+00
37	0.94186E-01	0.19559E-02	-0.93765E-01	0.00000E+00
38	0.11337E+00	0.27662E-02	-0.11552E+00	0.00000E+00
39	0.13098E+00	0.33033E-02	-0.13659E+00	0.00000E+00
40	0.13076E+00	0.32937E-02	-0.13614E+00	0.00000E+00
41	0.13053E+00	0.32827E-02	-0.13571E+00	0.00000E+00
42	0.13029E+00	0.32565E-02	-0.13520E+00	0.00000E+00
43	0.92876E-01	0.92972E-03	-0.58296E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.40309E-01	0.11890E-06	-0.36567E-01	0.00000E+00
46	0.78917E-01	0.32552E-03	-0.71122E-01	0.00000E+00
47	0.13103E+00	0.33035E-02	-0.13668E+00	0.00000E+00
48	0.13105E+00	0.33037E-02	-0.13674E+00	0.00000E+00
49	0.11330E+00	0.25665E-02	-0.11514E+00	0.00000E+00
50	0.13113E+00	0.33514E-02	-0.13717E+00	0.00000E+00
51	0.11163E+00	0.16179E-02	-0.10719E+00	0.00000E+00
52	0.12416E+00	0.38766E-02	-0.12449E+00	0.00000E+00
53	0.13098E+00	0.33018E-02	-0.13649E+00	0.00000E+00
54	0.90521E-01	0.83269E-03	-0.81599E-01	0.00000E+00
55	0.10373E+00	0.17530E-02	-0.98303E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.37789E-01	-0.60327E-03	-0.29791E-01	0.00000E+00
58	0.74205E-01	-0.10312E-03	-0.58855E-01	0.00000E+00
59	0.12355E+00	0.30234E-02	-0.11228E+00	0.00000E+00
60	0.12689E+00	0.36386E-02	-0.12070E+00	0.00000E+00
61	0.13110E+00	0.33557E-02	-0.13742E+00	0.00000E+00
62	0.85280E-01	0.40136E-04	-0.67335E-01	0.00000E+00
63	0.10162E+00	0.65899E-03	-0.80174E-01	0.00000E+00
64	0.12897E+00	0.39406E-02	-0.12543E+00	0.00000E+00
65	0.13118E+00	0.33787E-02	-0.13767E+00	0.00000E+00
66	0.13137E+00	0.34239E-02	-0.13817E+00	0.00000E+00
67	0.13157E+00	0.34678E-02	-0.13868E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.35569E-01	-0.66837E-03	-0.23535E-01	0.00000E+00
70	0.68805E-01	-0.14239E-02	-0.46081E-01	0.00000E+00
71	0.11552E+00	0.13263E-02	-0.92094E-01	0.00000E+00
72	0.12925E+00	0.41143E-02	-0.12311E+00	0.00000E+00
73	0.94159E-01	-0.11663E-02	-0.62952E-01	0.00000E+00
74	0.13343E+00	0.44050E-02	-0.12703E+00	0.00000E+00
75	0.13173E+00	0.34991E-02	-0.13915E+00	0.00000E+00
76	0.13276E+00	0.35505E-02	-0.14001E+00	0.00000E+00
77	0.10752E+00	-0.42490E-03	-0.71562E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.33640E-01	-0.12497E-02	-0.17908E-01	0.00000E+00
80	0.63759E-01	-0.23321E-02	-0.33706E-01	0.00000E+00
81	0.72327E-01	-0.28728E-02	-0.38210E-01	0.00000E+00
82	0.85657E-01	-0.25569E-02	-0.45378E-01	0.00000E+00
83	0.12985E+00	0.24290E-02	-0.10329E+00	0.00000E+00
84	0.11265E+00	-0.70882E-03	-0.64261E-01	0.00000E+00
85	0.13494E+00	0.36167E-02	-0.14114E+00	0.00000E+00
86	0.13803E+00	0.43563E-02	-0.13161E+00	0.00000E+00
87	0.97849E-01	-0.21259E-02	-0.52297E-01	0.00000E+00
88	0.13530E+00	0.35605E-02	-0.11308E+00	0.00000E+00
89	0.13690E+00	0.36689E-02	-0.14224E+00	0.00000E+00
90	0.70457E-01	-0.18678E-02	-0.20889E-01	0.00000E+00
91	0.76942E-01	-0.13747E-02	-0.21810E-01	0.00000E+00
92	0.61431E-01	-0.34485E-03	-0.22889E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.24703E-01	0.00000E+00	0.42498E-03	0.00000E+00
95	0.46093E-01	0.00000E+00	0.31682E-03	0.00000E+00
96	0.51371E-01	0.00000E+00	0.25362E-03	0.00000E+00
97	0.58286E-01	0.00000E+00	-0.69441E-03	0.00000E+00
98	0.61147E-01	0.00000E+00	-0.15292E-02	0.00000E+00
99	0.68081E-01	-0.10278E-02	-0.11924E-01	0.00000E+00
100	0.88551E-01	-0.74304E-03	-0.29785E-01	0.00000E+00
101	0.12433E+00	0.10282E-02	-0.69791E-01	0.00000E+00
102	0.14205E+00	0.37159E-02	-0.14383E+00	0.00000E+00
103	0.13767E+00	0.31909E-02	-0.10922E+00	0.00000E+00
104	0.14583E+00	0.44038E-02	-0.13752E+00	0.00000E+00
105	0.14636E+00	0.37533E-02	-0.14530E+00	0.00000E+00
106	0.14308E+00	0.38607E-02	-0.11348E+00	0.00000E+00
107	0.15182E+00	0.46579E-02	-0.14186E+00	0.00000E+00
108	0.15003E+00	0.37532E-02	-0.14665E+00	0.00000E+00
109	0.15300E+00	0.37401E-02	-0.14783E+00	0.00000E+00
110	0.15042E+00	0.49940E-02	-0.11855E+00	0.00000E+00
111	0.15628E+00	0.50179E-02	-0.14511E+00	0.00000E+00
112	0.15545E+00	0.37050E-02	-0.14884E+00	0.00000E+00
113	0.15330E+00	0.48210E-02	-0.12523E+00	0.00000E+00
114	0.15721E+00	0.36453E-02	-0.14965E+00	0.00000E+00
115	0.15843E+00	0.35754E-02	-0.15026E+00	0.00000E+00
116	0.15898E+00	0.35015E-02	-0.15062E+00	0.00000E+00

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117	0.15905E+00	0.49433E-02	-0.14663E+00	0.00000E+00
118	0.15900E+00	0.34645E-02	-0.15073E+00	0.00000E+00
119	0.15893E+00	0.33967E-02	-0.15079E+00	0.00000E+00
120	0.15897E+00	0.47876E-02	-0.14783E+00	0.00000E+00
121	0.15875E+00	0.33020E-02	-0.15078E+00	0.00000E+00
122	0.15875E+00	0.32136E-02	-0.15093E+00	0.21896E-04
123	0.15868E+00	0.30213E-02	-0.15105E+00	0.39934E-04
124	0.15856E+00	0.27081E-02	-0.15117E+00	0.61924E-04
125	0.15835E+00	0.22413E-02	-0.15129E+00	0.90370E-04
126	0.15782E+00	0.11035E-02	-0.15149E+00	0.13094E-03
127	0.15714E+00	-0.32245E-03	-0.15168E+00	0.14912E-03
128	0.15569E+00	-0.36014E-02	-0.15206E+00	0.13898E-03
129	0.15453E+00	-0.62669E-02	-0.15242E+00	0.10010E-03
130	0.15386E+00	-0.81559E-02	-0.15281E+00	0.46293E-04
131	0.15378E+00	-0.85252E-02	-0.15340E+00	-0.20178E-04
132	0.15431E+00	-0.69217E-02	-0.15394E+00	-0.44328E-04
133	0.15484E+00	-0.50072E-02	-0.15442E+00	-0.38458E-04
134	0.15516E+00	-0.36437E-02	-0.15481E+00	-0.24884E-04
135	0.15533E+00	-0.27627E-02	-0.15513E+00	-0.18400E-04
136	0.15545E+00	-0.19258E-02	-0.15536E+00	-0.20128E-04
137	0.15553E+00	-0.10702E-02	-0.15550E+00	-0.20016E-04
138	0.15558E+00	-0.16257E-03	-0.15558E+00	-0.21013E-04
139	0.15558E+00	-0.19962E-04	-0.15558E+00	-0.20004E-04

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000432

5622

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5400E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.72475E-01	0.20000E-01	-0.35989E-01	0.55068E+01	0.41798E-01	-0.55109E+01
2	-0.17256E+00	0.21305E-01	-0.76024E-01	0.49422E+01	0.73896E-01	-0.49362E+01
3	-0.25595E+00	0.19615E-01	-0.62385E-01	0.40426E+01	0.77683E-01	-0.40642E+01
4	0.15054E+00	0.38261E-01	0.12692E+00	0.32312E+01	-0.57453E-01	-0.33285E+01
5	-0.13589E+00	-0.10631E-01	-0.56570E-01	0.33227E+01	0.19694E-01	-0.33647E+01
6	0.11953E+00	0.92012E-04	0.26918E-01	0.33789E+01	-0.41146E-01	-0.34327E+01
7	0.13890E+00	0.13505E-01	0.33587E-01	0.23902E+01	-0.44485E-01	-0.23962E+01
8	0.27155E+00	0.13279E-01	0.66034E-01	0.23967E+01	-0.98723E-01	-0.24762E+01
9	0.83094E-01	0.29036E+00	0.13558E+00	0.54129E+01	0.13831E-01	-0.54393E+01
10	0.38683E-01	0.34350E+00	0.11010E+00	0.49419E+01	0.11651E-01	-0.49733E+01
11	0.16455E-01	0.31733E+00	-0.13734E-01	0.42313E+01	-0.54096E-01	-0.42736E+01
12	0.58655E+00	0.23556E+00	0.28181E+00	0.34687E+01	-0.22726E+00	-0.34310E+01
13	0.93172E-01	0.14283E+00	-0.45739E-02	0.35566E+01	-0.53075E-01	-0.36269E+01
14	0.51249E+00	0.20735E+00	0.15451E+00	0.36484E+01	-0.16347E+00	-0.37710E+01
15	0.58488E+00	0.79239E-01	0.15949E+00	0.25828E+01	-0.24494E+00	-0.25944E+01
16	0.72449E+00	0.71879E-01	0.15544E+00	0.26899E+01	-0.27815E+00	-0.27871E+01
17	0.48387E-01	0.31133E+00	0.13002E+00	0.52723E+01	0.62567E-01	-0.53273E+01
18	-0.80046E-01	0.40048E+00	0.86970E-01	0.49003E+01	0.13923E+00	-0.49806E+01
19	-0.27306E+00	0.47789E+00	-0.54824E-01	0.43631E+01	0.23916E+00	-0.45420E+01
20	0.79341E+00	0.38180E+00	0.30970E+00	0.37593E+01	-0.26796E+00	-0.37710E+01
21	0.35811E-01	0.43166E+00	0.63827E-01	0.39161E+01	0.11548E+00	-0.42377E+01
22	0.75654E+00	0.89648E+00	0.50284E+00	0.40746E+01	-0.11761E+00	-0.45393E+01
23	0.99620E+00	0.10239E+00	0.22424E+00	0.30305E+01	-0.40608E+00	-0.31374E+01
24	0.19757E+01	0.57625E+00	0.74745E+00	0.33114E+01	-0.70434E+00	-0.33365E+01
25	0.95601E+00	0.37198E+00	0.25362E+00	0.34362E+01	-0.33573E+00	-0.38123E+01
26	0.28601E+01	0.15893E+01	0.14598E+01	0.36477E+01	-0.85418E+00	-0.42264E+01
27	-0.28291E-01	0.20121E+00	0.71923E-01	0.51499E+01	0.10940E+00	-0.51733E+01
28	-0.19483E+00	0.31571E+00	0.51899E-01	0.47949E+01	0.29352E+00	-0.49144E+01
29	-0.66456E+00	0.40737E+00	-0.86162E-01	0.41945E+01	0.80036E+00	-0.46375E+01
30	0.20959E+00	0.52959E+00	0.13258E+00	0.40925E+01	0.74123E-01	-0.45346E+01
31	-0.21478E+00	0.60029E+00	0.76435E-01	0.39192E+01	0.53368E+00	-0.47151E+01
32	0.29062E+00	0.72608E+00	0.29561E+00	0.38076E+01	0.34478E+00	-0.47876E+01
33	0.21640E+01	0.12193E+01	0.10509E+01	0.39590E+01	-0.50846E+00	-0.44499E+01
34	0.51248E+01	0.31961E+01	0.29894E+01	0.41408E+01	-0.12148E+01	-0.48305E+01
35	0.10058E+01	0.44691E+00	0.23538E+00	0.41284E+01	-0.38500E+00	-0.43293E+01
36	-0.40351E+00	-0.20724E+00	-0.50639E+00	0.38236E+01	0.39871E+00	-0.49888E+01
37	0.16164E+01	0.13492E+01	0.85133E+00	0.42508E+01	-0.41445E+00	-0.51579E+01
38	-0.20285E+00	-0.21972E-01	-0.33679E-01	0.50243E+01	0.16366E+00	-0.47919E+01
39	-0.47613E+00	0.24327E-01	-0.10249E-01	0.47422E+01	0.48636E+00	-0.45475E+01
40	-0.84796E+00	0.31001E+00	0.45418E-01	0.41850E+01	0.14531E+01	-0.45595E+01
41	-0.12097E+01	-0.29204E+00	-0.11339E-01	0.44077E+01	0.12850E+01	-0.44294E+01
42	-0.16469E+01	0.44645E-01	0.18407E+00	0.42276E+01	0.16212E+01	-0.38666E+01
43	-0.59382E+00	0.43014E-01	-0.20196E+00	0.39498E+01	0.84086E+00	-0.48132E+01
44	-0.99976E+00	-0.91928E-01	-0.27382E+00	0.33901E+01	0.13868E+01	-0.41356E+01
45	-0.17034E+01	-0.44646E+00	-0.45648E+00	0.40850E+01	0.13281E+01	-0.41261E+01
46	-0.86274E+00	0.31585E+00	0.25659E+00	0.39295E+01	0.93927E+00	-0.36440E+01
47	0.43210E+00	0.63878E+00	0.14003E+00	0.40420E+01	0.28083E+00	-0.52112E+01
48	-0.15216E+00	0.33326E+00	-0.25657E+00	0.42680E+01	0.34234E+00	-0.52678E+01
49	-0.67774E+00	0.23060E+00	-0.33227E+00	0.42205E+01	0.11026E+01	-0.56110E+01
50	-0.38136E+01	-0.88334E+00	-0.18203E+01	0.36591E+01	0.29783E+01	-0.38185E+01
51	-0.77286E+00	-0.52211E+00	-0.95294E+00	0.17605E+00	0.38018E+00	-0.10195E+01
52	-0.11541E+01	0.29922E+00	-0.58467E+00	-0.11423E+01	0.16510E+01	0.50775E+01
53	-0.14642E+01	0.46165E+00	0.78697E-01	0.33128E+01	0.14977E+01	-0.33245E+01
54	-0.52037E+00	-0.40945E+00	-0.24504E+00	0.47505E+01	0.20311E+00	-0.40529E+01

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55	-0.85049E+00	-0.21917E+00	-0.50590E-01	0.45470E+01	-0.56353E+00	-0.38864E+01
56	-0.17964E+01	-0.98026E-01	0.43613E+00	0.40683E+01	0.15594E+01	-0.34839E+01
57	-0.14720E+01	-0.68024E-01	0.13479E+00	0.36613E+01	0.11356E+01	-0.32154E+01
58	-0.16034E+01	0.41990E-01	0.23897E+00	0.30975E+01	0.13518E+01	-0.28362E+01
59	-0.15479E+00	-0.30225E+00	-0.84716E-01	0.46136E+01	-0.35036E-01	-0.36385E+01
60	-0.97232E+00	-0.81011E+00	-0.48111E+00	0.43425E+01	0.37596E+00	-0.28712E+01
61	-0.75276E+00	-0.64327E+00	-0.27359E+00	0.43046E+01	0.30949E+00	-0.28694E+01
62	-0.33846E+00	-0.69395E+00	-0.27721E+00	0.41116E+01	-0.55626E-01	-0.21843E+01
63	-0.99863E+00	-0.47153E+00	-0.69060E-01	0.42055E+01	0.51240E+00	-0.31450E+01
64	-0.11094E+01	-0.82320E+00	-0.16022E+00	0.38172E+01	0.44120E+00	-0.23278E+01
65	-0.19572E+01	-0.26796E+00	0.60858E+00	0.38664E+01	0.13827E+01	-0.30963E+01
66	-0.24398E+01	-0.53079E+00	0.63060E+00	0.34526E+01	0.15505E+01	-0.24204E+01
67	-0.19659E+01	-0.85222E+00	0.74323E+00	0.30091E+01	0.12005E+01	-0.16048E+01
68	-0.18821E+01	-0.32044E+00	0.14243E+00	0.33823E+01	0.11270E+01	-0.27793E+01
69	-0.16113E+01	-0.39050E+00	0.28155E+00	0.32008E+01	0.87697E+00	-0.21871E+01
70	-0.23620E+01	-0.77150E+00	-0.25820E-01	0.27677E+01	0.10818E+01	-0.15253E+01
71	-0.19644E+01	-0.23252E+00	0.31448E+00	0.29057E+01	0.12098E+01	-0.22256E+01
72	-0.22507E+01	-0.42181E+00	0.30673E+00	0.26340E+01	0.11050E+01	-0.16622E+01
73	-0.47294E+00	-0.46184E+00	-0.14708E+00	0.35769E+01	0.87038E-01	-0.10659E+01
74	-0.79695E+00	-0.44153E+00	0.15592E+00	0.31809E+01	0.24730E+00	-0.96493E+00
75	-0.16617E+01	-0.44403E+00	0.10407E+01	0.26329E+01	0.68577E+00	-0.81588E+00
76	-0.18660E+01	-0.41381E+00	0.35440E+00	0.29181E+01	0.60863E+00	-0.15263E+01
77	-0.14071E+01	-0.68596E+00	0.34647E+00	0.19273E+01	0.41074E+00	-0.39968E+00
78	-0.14324E+01	-0.37754E+00	0.48852E+00	0.15792E+01	0.43340E+00	-0.24472E+00
79	-0.22912E+01	-0.52631E+00	0.27466E+00	0.20545E+01	0.69055E+00	-0.82861E+00
80	-0.25506E+01	-0.69607E+00	0.62570E-01	0.14372E+01	0.42920E+00	-0.18673E+00
81	-0.13507E+01	-0.31063E+00	0.62583E+00	0.80039E+00	0.40559E+00	-0.76964E-01
82	-0.15520E+01	-0.42227E+00	0.49631E+00	0.70358E+00	0.38744E+00	-0.13481E+00
83	-0.22807E+01	-0.34549E+00	0.38670E+00	0.12791E+01	-0.40208E+00	-0.28996E+00
84	-0.27982E+01	-0.63336E+00	0.15772E+00	0.13919E+01	0.77227E+00	-0.27716E+00
85	-0.31432E+01	-0.42814E+00	0.18460E+00	0.20025E+01	0.98009E+00	-0.10928E+01
86	-0.31085E+01	-0.46253E+00	0.30561E+00	0.15803E+01	0.93691E+00	-0.74726E+00
87	-0.21835E+01	-0.18956E+00	0.59624E+00	0.20462E+01	0.11176E+01	-0.10064E+01
88	-0.23275E+01	-0.24647E+00	0.35935E+00	0.22192E+01	0.14313E+01	-0.17766E+01
89	-0.25146E+01	-0.30180E+00	0.31570E+00	0.19549E+01	0.15276E+01	-0.16312E+01
90	-0.26918E+01	-0.21360E+00	0.51118E+00	0.14232E+01	0.16109E+01	-0.76485E+00
91	-0.29196E+01	-0.59384E+00	0.16514E+00	0.13178E+01	0.17258E+01	-0.11940E+01
92	-0.28653E+01	-0.54649E+00	0.25357E+00	0.10034E+01	0.17087E+01	-0.84423E+00
93	-0.17927E+01	0.75221E+00	0.62011E-01	0.24154E+01	0.17343E+01	-0.26853E+01
94	-0.19705E+01	-0.13500E+00	-0.16255E+00	0.24102E+01	0.15708E+01	-0.25692E+01
95	-0.13476E+01	-0.68125E+00	-0.21703E+00	0.17666E+01	0.15327E+01	-0.19436E+01
96	-0.16893E+01	-0.62861E-01	0.25729E+00	0.24698E+01	0.14708E+01	-0.21706E+01
97	-0.11617E+01	-0.42939E+00	-0.33668E-02	0.20226E+01	0.15189E+01	-0.16869E+01
98	-0.14387E+01	-0.27227E+00	0.27639E+00	0.17102E+01	0.14296E+01	-0.16126E+01
99	-0.14937E+01	0.24727E+00	0.66751E+00	0.19812E+01	0.13855E+01	-0.16597E+01
100	-0.12310E+01	0.80737E-01	0.55702E+00	0.14737E+01	0.14119E+01	-0.12409E+01
101	-0.15371E+01	-0.24791E+00	0.23434E+00	0.11588E+01	0.14387E+01	-0.97215E+00
102	-0.11551E+01	0.16826E+00	0.86882E+00	0.11478E+01	0.13706E+01	-0.94983E+00
103	-0.89826E+00	-0.20533E+00	0.52519E+00	0.46554E+00	0.13103E+01	-0.51120E+00
104	-0.96266E+00	-0.30209E+00	0.46044E+00	0.20891E+00	0.13105E+01	-0.37880E+00
105	-0.18469E+01	0.11344E+00	-0.38104E+00	0.21436E+01	0.21181E+01	-0.24624E+01
106	-0.29640E+01	-0.17237E+01	-0.20810E+01	0.20179E+00	0.22717E+01	-0.11846E+01
107	-0.22325E+01	-0.11259E+01	-0.14403E+01	0.11541E+01	0.21835E+01	-0.17330E+01
108	-0.18045E+01	-0.99697E+00	-0.11831E+01	0.11936E+01	0.21001E+01	-0.17508E+01
109	-0.16059E+01	-0.84039E+00	-0.11614E+01	0.50977E+00	0.21046E+01	-0.11906E+01
110	-0.91859E-01	0.34217E+00	0.66008E-01	0.16967E+01	0.19411E+01	-0.18332E+01
111	0.49254E+00	0.42117E+00	0.17088E+00	0.12335E+01	0.18268E+01	-0.10250E+01
112	0.52644E+00	0.45146E+00	0.22532E+00	0.18354E+01	0.18165E+01	-0.10155E+01
113	0.77818E+00	0.52276E+00	0.65718E+00	0.19727E+01	0.15476E+01	-0.19595E+01
114	0.92115E+00	0.69803E+00	0.52723E+00	0.16862E+01	0.14817E+01	-0.99080E+00

430

000434

5622

115	0.10021E+01	0.74512E+00	0.65253E+00	0.23846E+01	0.14445E+01	-0.96178E+00
116	0.38742E+00	0.43841E+00	0.61856E+00	0.22152E+01	0.11515E+01	-0.16985E+01
117	-0.46950E-01	0.12139E+00	0.20968E+00	0.24193E+01	0.98999E+00	-0.89835E+00
118	0.45027E-01	0.17315E+00	0.38836E+00	0.20301E+01	0.94664E+00	-0.83117E+00
119	0.49068E-03	0.45874E+00	0.66461E+00	0.17126E+01	0.77151E+00	-0.12761E+01
120	-0.36410E+00	-0.59060E-01	0.26622E+00	0.17289E+01	0.65356E+00	-0.74015E+00
121	-0.30314E+00	-0.21872E-01	0.38143E+00	0.14541E+01	0.62643E+00	-0.65025E+00
122	0.12656E+00	0.70335E+00	0.94735E+00	0.13621E+01	0.50629E+00	-0.98763E+00
123	-0.31037E-01	0.15535E+00	0.64592E+00	0.11372E+01	0.40142E+00	-0.53995E+00
124	-0.24777E-03	0.17521E+00	0.70304E+00	0.85049E+00	0.38826E+00	-0.43479E+00
125	-0.14526E+00	0.16023E+00	0.68732E+00	0.66529E+00	0.35140E+00	-0.51754E+00
126	0.93615E-02	0.18587E+00	0.73560E+00	0.49161E+00	0.30618E+00	-0.29652E+00
127	0.12535E-01	0.18901E+00	0.74040E+00	0.21557E+00	0.30536E+00	-0.21742E+00
128	0.37908E+00	0.43975E+00	0.99453E+00	0.31368E+00	0.25123E+00	-0.23782E+00
129	0.88956E+00	0.72758E+00	0.12884E+01	0.10807E+00	0.17045E+00	-0.95065E-01
183	-0.23232E+01	0.22847E+00	-0.53120E+00	0.34356E+01	0.22337E+01	-0.38177E+01

431

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.31448E+00	-0.20965E+01	0.17821E+01	0.55876E+02	-0.67913E+01	-0.24295E+02
131	0.20950E-01	0.13967E+00	-0.11872E+00	0.13433E+03	-0.68546E+01	-0.69578E+02
132	-0.79854E-01	-0.53236E+00	0.45251E+00	0.22469E+03	-0.11724E+02	-0.11977E+03
133	-0.91634E-02	-0.61090E-01	0.51926E-01	0.32558E+03	-0.17610E+02	-0.17623E+03
134	-0.32790E-01	-0.21860E+00	0.18581E+00	0.43936E+03	-0.25226E+02	-0.24500E+03
135	-0.15848E+00	-0.10566E+01	0.89807E+00	0.52273E+03	-0.33735E+02	-0.30754E+03
136	-0.14541E-02	-0.96939E-02	0.82398E-02	0.59383E+03	-0.36264E+02	-0.35178E+03
137	0.66234E-01	0.44156E+00	-0.37533E+00	0.59162E+03	-0.47236E+02	-0.37115E+03
138	-0.58072E+00	-0.38715E+01	0.27877E+01	0.60870E+03	-0.12461E+03	-0.40172E+03
139	-0.24924E+00	-0.16616E+01	-0.30550E+00	0.59410E+03	-0.28138E+03	-0.42265E+03
140	0.88603E+00	0.59069E+01	-0.50208E+01	0.75122E+03	-0.34120E+03	-0.48037E+03
141	0.87238E+00	0.58159E+01	-0.49435E+01	0.75370E+03	-0.34870E+03	-0.51104E+03
142	0.10193E+01	0.67957E+01	-0.57763E+01	0.78372E+03	-0.34918E+03	-0.54423E+03
143	0.10445E+01	0.69637E+01	-0.59191E+01	-0.27622E+03	-0.50695E+03	0.50207E+03
144	0.10278E+01	0.68517E+01	-0.58240E+01	-0.27209E+03	-0.49183E+03	0.47708E+03
145	-0.91330E+00	-0.60887E+01	0.65645E+01	0.90435E+02	-0.36906E+03	0.10761E+04
146	-0.38331E+00	-0.25554E+01	0.50735E+01	0.14688E+03	-0.27374E+03	0.92092E+03
147	-0.39740E+00	-0.26493E+01	0.50124E+01	0.13546E+03	-0.28633E+03	0.90768E+03
148	-0.41396E+00	-0.27597E+01	-0.10610E+01	0.12998E+03	-0.29992E+03	0.90972E+03
149	-0.43333E+00	-0.28888E+01	-0.98661E+00	0.12282E+03	-0.31594E+03	0.92576E+03
150	-0.50310E+00	-0.33540E+01	-0.18934E+00	0.72956E+02	-0.35095E+03	0.90041E+03
151	-0.60723E+00	-0.40432E+01	-0.21150E+02	0.55168E+02	-0.39989E+03	0.92090E+03
152	-0.55663E+00	-0.37109E+01	-0.38300E+02	0.56571E+02	-0.36567E+03	0.91287E+03
153	-0.47759E+00	-0.31840E+01	-0.33902E+02	0.40467E+02	-0.31496E+03	0.89155E+03
154	-0.29457E+00	-0.19638E+01	-0.65523E+02	0.23499E+02	-0.19448E+03	0.86588E+03
155	-0.30103E-01	-0.20068E+00	-0.54041E+02	0.39339E+02	-0.14258E+02	0.80883E+03
156	0.18336E+00	0.12224E+01	-0.45751E+02	0.18754E+02	0.12606E+03	0.74856E+03
157	0.35357E+00	0.23571E+01	-0.36426E+02	0.21415E+02	0.24087E+03	0.66468E+03
158	0.49713E+00	0.32475E+01	-0.30015E+02	0.10029E+02	0.32894E+03	0.58358E+03
159	0.58621E+00	0.39080E+01	-0.21093E+02	-0.80412E+01	0.39283E+03	0.48118E+03
160	0.65101E+00	0.43400E+01	-0.14497E+02	-0.12924E+02	0.43565E+03	0.38598E+03
161	0.75486E+00	0.50324E+01	-0.66759E+01	-0.14673E+02	0.47299E+03	0.27020E+03
162	0.77322E+00	0.51548E+01	0.55200E+00	-0.13655E+02	0.45475E+03	0.18745E+03
163	0.88102E+00	0.58734E+01	0.20102E+01	-0.26550E+02	0.51650E+03	0.13082E+03
164	0.86510E+00	0.57674E+01	0.31435E+01	-0.45346E+02	0.50428E+03	0.90853E+02

165	0.47206E+03	0.70720E+02	0.10490E+01	0.21437E+02	0.50803E+03	0.72396E+02
166	0.38193E+03	0.52558E+02	0.57974E+01	0.15026E+02	0.47190E+03	0.65923E+02
167	0.30265E+03	0.38683E+02	0.72046E+01	0.11349E+02	0.40291E+03	0.60603E+02
168	0.23110E+03	0.28001E+02	0.70741E+01	0.76598E+01	0.33230E+03	0.56132E+02
169	0.14758E+03	0.14000E+02	0.83446E+01	0.42925E+01	0.28518E+03	0.51167E+02
170	0.65059E+02	-0.11662E+01	0.10986E+02	0.50352E+00	0.25594E+03	0.45500E+02
171	-0.19034E+02	-0.15618E+02	0.12481E+02	-0.45432E+01	0.20285E+03	0.37579E+02
172	-0.68059E+02	-0.22017E+02	0.11306E+02	-0.95983E+01	0.13315E+03	0.29047E+02
173	-0.68458E+02	-0.17729E+02	0.69960E+01	-0.12314E+02	0.71449E+02	0.23114E+02
174	-0.41876E+02	-0.86591E+01	0.21446E+01	-0.12652E+02	0.27133E+02	0.19041E+02
175	-0.99426E+01	-0.76693E+00	-0.68664E+00	-0.10093E+02	0.14213E+02	0.17234E+02
176	0.18089E+01	0.12733E+01	-0.90652E+00	-0.75782E+01	0.18693E+02	0.16120E+02
177	0.31747E+01	0.95612E+00	-0.42375E+00	-0.54135E+01	0.21387E+02	0.13280E+02
178	0.10860E+01	0.15560E+00	0.92973E-02	-0.37690E+01	0.16275E+02	0.96071E+01
179	-0.30120E+00	-0.10922E+00	0.57615E-01	-0.29702E+01	0.11593E+02	0.67959E+01
180	0.84380E-02	-0.40813E-01	0.37700E-01	-0.21170E+01	0.68167E+01	0.41156E+01
181	-0.11020E+00	-0.10903E+00	0.80214E-01	-0.14524E+01	0.31180E+01	0.14678E+01
182	0.44563E+00	0.20696E+00	-0.12184E+00	-0.42227E+00	-0.67150E+00	-0.92818E-02

A32

5622

000436

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5500E+01 (FOR FOURIER TERM, NUMBER 1)

A33

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.59375E-01	0.72663E-04	0.59881E-01	0.00000E+00
3	-0.11075E+00	-0.25037E-03	0.11077E+00	0.00000E+00
4	-0.12361E+00	-0.28771E-03	0.12327E+00	0.00000E+00
5	-0.14103E+00	-0.19194E-04	0.14099E+00	0.00000E+00
6	-0.15271E+00	-0.99054E-05	0.15272E+00	0.00000E+00
7	-0.14113E+00	-0.13268E-02	0.14116E+00	0.00000E+00
8	-0.15307E+00	-0.11464E-02	0.15317E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.58130E-01	-0.64544E-03	0.57881E-01	0.00000E+00
11	-0.10914E+00	-0.15796E-02	0.10905E+00	0.00000E+00
12	-0.12259E+00	-0.19422E-02	0.12262E+00	0.00000E+00
13	-0.14125E+00	-0.19054E-02	0.14135E+00	0.00000E+00
14	-0.15393E+00	-0.17014E-02	0.15439E+00	0.00000E+00
15	-0.14199E+00	-0.29726E-02	0.14301E+00	0.00000E+00
16	-0.15537E+00	-0.24687E-02	0.15652E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.56699E-01	-0.10456E-02	0.57405E-01	0.00000E+00
19	-0.10803E+00	-0.26239E-02	0.10921E+00	0.00000E+00
20	-0.12239E+00	-0.32783E-02	0.12361E+00	0.00000E+00
21	-0.14272E+00	-0.32651E-02	0.14436E+00	0.00000E+00
22	-0.15747E+00	-0.28597E-02	0.15966E+00	0.00000E+00
23	-0.14385E+00	-0.41687E-02	0.14663E+00	0.00000E+00
24	-0.16030E+00	-0.32546E-02	0.16404E+00	0.00000E+00
25	-0.16198E+00	-0.39531E-02	0.16678E+00	0.00000E+00
26	-0.16299E+00	-0.40053E-02	0.16843E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.54979E-01	-0.79276E-03	0.55539E-01	0.00000E+00
29	-0.10608E+00	-0.23778E-02	0.10717E+00	0.00000E+00
30	-0.12141E+00	-0.33223E-02	0.12283E+00	0.00000E+00
31	-0.14429E+00	-0.41308E-02	0.14795E+00	0.00000E+00
32	-0.16401E+00	-0.38764E-02	0.17018E+00	0.00000E+00
33	-0.14426E+00	-0.41839E-02	0.14804E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.54466E-01	-0.50686E-03	0.54530E-01	0.00000E+00
36	-0.10533E+00	-0.16862E-02	0.10550E+00	0.00000E+00
37	-0.12067E+00	-0.24078E-02	0.12090E+00	0.00000E+00
38	-0.14417E+00	-0.34390E-02	0.14755E+00	0.00000E+00
39	-0.16532E+00	-0.41556E-02	0.17279E+00	0.00000E+00
40	-0.16505E+00	-0.41455E-02	0.17223E+00	0.00000E+00
41	-0.16479E+00	-0.41337E-02	0.17169E+00	0.00000E+00
42	-0.16450E+00	-0.41064E-02	0.17106E+00	0.00000E+00
43	-0.11917E+00	-0.37714E-03	0.11498E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.52464E-01	0.24208E-03	0.48680E-01	0.00000E+00
46	-0.10192E+00	0.70237E-04	0.94119E-01	0.00000E+00
47	-0.16538E+00	-0.41554E-02	0.17292E+00	0.00000E+00
48	-0.16540E+00	-0.41560E-02	0.17298E+00	0.00000E+00
49	-0.14408E+00	-0.31900E-02	0.14713E+00	0.00000E+00
50	-0.16550E+00	-0.41968E-02	0.17349E+00	0.00000E+00
51	-0.14213E+00	-0.17175E-02	0.13834E+00	0.00000E+00
52	-0.16204E+00	-0.44531E-02	0.15933E+00	0.00000E+00
53	-0.16532E+00	-0.41406E-02	0.17272E+00	0.00000E+00
54	-0.11658E+00	-0.44720E-03	0.10762E+00	0.00000E+00
55	-0.13087E+00	-0.14814E-02	0.12865E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

57	-0.50085E-01	0.95302E-03	0.41504E-01	0.00000E+00
58	-0.97131E-01	0.94904E-03	0.80931E-01	0.00000E+00
59	-0.15676E+00	-0.29722E-02	0.14596E+00	0.00000E+00
60	-0.16056E+00	-0.40347E-02	0.15515E+00	0.00000E+00
61	-0.16553E+00	-0.42275E-02	0.17379E+00	0.00000E+00
62	-0.11110E+00	0.10402E-02	0.92293E-01	0.00000E+00
63	-0.13122E+00	0.56653E-03	0.10910E+00	0.00000E+00
64	-0.16300E+00	-0.45215E-02	0.16051E+00	0.00000E+00
65	-0.16550E+00	-0.42570E-02	0.17409E+00	0.00000E+00
66	-0.16578E+00	-0.43148E-02	0.17468E+00	0.00000E+00
67	-0.16601E+00	-0.43706E-02	0.17529E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.47961E-01	0.10981E-02	0.35097E-01	0.00000E+00
70	-0.91927E-01	0.23033E-02	0.68029E-01	0.00000E+00
71	-0.14921E+00	-0.13158E-04	0.12431E+00	0.00000E+00
72	-0.16335E+00	-0.46064E-02	0.15809E+00	0.00000E+00
73	-0.12374E+00	0.24698E-02	0.91333E-01	0.00000E+00
74	-0.16623E+00	-0.49504E-02	0.16288E+00	0.00000E+00
75	-0.16620E+00	-0.44120E-02	0.17585E+00	0.00000E+00
76	-0.16741E+00	-0.44811E-02	0.17687E+00	0.00000E+00
77	-0.13983E+00	0.18397E-02	0.10266E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.46309E-01	0.16141E-02	0.29786E-01	0.00000E+00
80	-0.86985E-01	0.31560E-02	0.55509E-01	0.00000E+00
81	-0.98233E-01	0.39435E-02	0.62621E-01	0.00000E+00
82	-0.11500E+00	0.37987E-02	0.72984E-01	0.00000E+00
83	-0.16490E+00	-0.11859E-02	0.13819E+00	0.00000E+00
84	-0.14675E+00	0.22393E-02	0.96482E-01	0.00000E+00
85	-0.16996E+00	-0.45710E-02	0.17821E+00	0.00000E+00
86	-0.17365E+00	-0.49467E-02	0.16842E+00	0.00000E+00
87	-0.12991E+00	0.35323E-02	0.82387E-01	0.00000E+00
88	-0.17071E+00	-0.32356E-02	0.15399E+00	0.00000E+00
89	-0.17224E+00	-0.46441E-02	0.17951E+00	0.00000E+00
90	-0.99296E-01	0.25806E-02	0.46204E-01	0.00000E+00
91	-0.10760E+00	0.20671E-02	0.49163E-01	0.00000E+00
92	-0.11300E+00	0.14786E-02	0.51120E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.37084E-01	0.00000E+00	0.90472E-02	0.00000E+00
95	-0.68858E-01	0.00000E+00	0.17519E-01	0.00000E+00
96	-0.76556E-01	0.00000E+00	0.19627E-01	0.00000E+00
97	-0.86000E-01	0.00000E+00	0.22836E-01	0.00000E+00
98	-0.89737E-01	0.00000E+00	0.24121E-01	0.00000E+00
99	-0.97684E-01	0.14437E-02	0.36813E-01	0.00000E+00
100	-0.12104E+00	0.15375E-02	0.59335E-01	0.00000E+00
101	-0.15984E+00	0.37556E-03	0.10328E+00	0.00000E+00
102	-0.17322E+00	-0.47132E-02	0.18138E+00	0.00000E+00
103	-0.17391E+00	-0.19969E-02	0.14547E+00	0.00000E+00
104	-0.18271E+00	-0.50972E-02	0.17547E+00	0.00000E+00
105	-0.18319E+00	-0.47327E-02	0.16311E+00	0.00000E+00
106	-0.18016E+00	-0.27900E-02	0.15060E+00	0.00000E+00
107	-0.18957E+00	-0.54655E-02	0.13059E+00	0.00000E+00
108	-0.18742E+00	-0.48043E-02	0.18468E+00	0.00000E+00
109	-0.19083E+00	-0.48103E-02	0.18605E+00	0.00000E+00
110	-0.18860E+00	-0.41544E-02	0.15657E+00	0.00000E+00
111	-0.19472E+00	-0.59489E-02	0.18439E+00	0.00000E+00
112	-0.19365E+00	-0.47908E-02	0.18722E+00	0.00000E+00
113	-0.19192E+00	-0.43684E-02	0.16372E+00	0.00000E+00
114	-0.19569E+00	-0.47419E-02	0.18313E+00	0.00000E+00
115	-0.19713E+00	-0.46800E-02	0.18883E+00	0.00000E+00
116	-0.19731E+00	-0.46093E-02	0.18922E+00	0.00000E+00

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117	-0.19686E+00	-0.52306E-02	0.18609E+00	0.00000E+00
118	-0.19784E+00	-0.45731E-02	0.18933E+00	0.00000E+00
119	-0.19778E+00	-0.45023E-02	0.18937E+00	0.00000E+00
120	-0.19818E+00	-0.58117E-02	0.18739E+00	0.00000E+00
121	-0.19762E+00	-0.43996E-02	0.18934E+00	0.00000E+00
122	-0.19761E+00	-0.43110E-02	0.18949E+00	-0.21956E-04
123	-0.19754E+00	-0.41179E-02	0.18961E+00	-0.40094E-04
124	-0.19743E+00	-0.38034E-02	0.18973E+00	-0.62224E-04
125	-0.19722E+00	-0.33341E-02	0.18985E+00	-0.90851E-04
126	-0.19668E+00	-0.21909E-02	0.19006E+00	-0.13152E-03
127	-0.19600E+00	-0.75992E-03	0.19025E+00	-0.14953E-03
128	-0.19455E+00	0.25179E-02	0.19065E+00	-0.13852E-03
129	-0.19344E+00	0.51667E-02	0.19102E+00	-0.99170E-04
130	-0.19273E+00	0.70298E-02	0.19142E+00	-0.45413E-04
131	-0.19267E+00	0.73402E-02	0.19204E+00	0.21699E-04
132	-0.19321E+00	0.56851E-02	0.19260E+00	0.45411E-04
133	-0.19375E+00	0.37429E-02	0.19311E+00	0.38683E-04
134	-0.19405E+00	0.24640E-02	0.19353E+00	0.21243E-04
135	-0.19417E+00	0.18741E-02	0.19387E+00	0.11119E-04
136	-0.19426E+00	0.13581E-02	0.19412E+00	0.14015E-04
137	-0.19431E+00	0.76581E-03	0.19428E+00	0.14511E-04
138	-0.19435E+00	0.12093E-03	0.19436E+00	0.15979E-04
139	-0.19436E+00	0.14668E-04	0.19435E+00	0.14721E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5500E+01

A36

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.15400E+00	0.19543E-01	0.10920E+00	-0.72063E+01	-0.86217E-01	0.72134E+01
2	0.37641E+00	0.42974E-02	0.17212E+00	-0.63352E+01	-0.14910E+00	0.63236E+01
3	0.55155E+00	0.22612E-02	0.91526E-01	-0.50498E+01	-0.15274E+00	0.50894E+01
4	-0.13285E+00	0.22064E-01	-0.21924E+00	-0.40103E+01	0.93228E-01	0.41334E+01
5	0.30239E+00	0.26265E-01	0.84583E-01	-0.40573E+01	-0.42568E-01	0.41605E+01
6	-0.74045E-01	-0.15483E-01	-0.20484E-01	-0.41486E+01	0.28490E-01	0.42452E+01
7	-0.12864E+00	0.25603E-02	-0.27224E-01	-0.28688E+01	0.48099E-01	0.28839E+01
8	-0.27657E+00	-0.13379E-01	-0.58463E-01	-0.28610E+01	0.10738E+00	0.29909E+01
9	-0.62340E-01	-0.37827E+00	-0.15997E+00	-0.70326E+01	-0.23998E-01	0.70667E+01
10	0.45554E-01	-0.45521E+00	-0.10878E+00	-0.63094E+01	-0.31787E-01	0.63679E+01
11	0.15878E+00	-0.41350E+00	0.78815E-01	-0.52785E+01	0.28547E-01	0.53674E+01
12	-0.64862E+00	-0.36633E+00	-0.32308E+00	-0.42368E+01	0.27079E+00	0.42343E+01
13	-0.23021E-01	-0.21613E+00	0.32312E-01	-0.43462E+01	0.44244E-01	0.44753E+01
14	-0.52616E+00	-0.25610E+00	-0.13409E+00	-0.44586E+01	0.18034E+00	0.46522E+01
15	-0.66576E+00	-0.11369E+00	-0.17380E+00	-0.30866E+01	0.29277E+00	0.31397E+01
16	-0.81300E+00	-0.93993E-01	-0.14786E+00	-0.32142E+01	0.32823E+00	0.33777E+01
17	-0.22056E-01	-0.37635E+00	-0.13240E+00	-0.68153E+01	-0.79920E-01	0.69161E+01
18	0.16429E+00	-0.49903E+00	-0.58624E-01	-0.62411E+01	-0.17406E+00	0.63731E+01
19	0.44579E+00	-0.58232E+00	0.15357E+00	-0.54257E+01	-0.28777E+00	0.56879E+01
20	-0.89432E+00	-0.48203E+00	-0.33076E+00	-0.45690E+01	0.33070E+00	0.46448E+01
21	0.31615E-01	-0.51932E+00	-0.12414E-01	-0.47584E+01	-0.13516E+00	0.52004E+01
22	-0.83857E+00	-0.10320E+01	-0.51509E+00	-0.49522E+01	0.14946E+00	0.55673E+01
23	-0.11355E+01	-0.12549E+00	-0.21335E+00	-0.36133E+01	0.49578E+00	0.38014E+01
24	-0.23070E+01	-0.67913E+00	-0.82509E+00	-0.39393E+01	0.85870E+00	0.40346E+01
25	-0.10629E+01	-0.40166E+00	-0.21034E+00	-0.40935E+01	0.41324E+00	0.46047E+01
26	-0.33061E+01	-0.18077E+01	-0.16123E+01	-0.43303E+01	0.10411E+01	0.51033E+01
27	0.65524E-01	-0.21605E+00	-0.49707E-01	-0.66542E+01	-0.12438E+00	0.67343E+01
28	0.27997E+00	-0.36130E+00	-0.70738E-03	-0.61140E+01	-0.33112E+00	0.63024E+01
29	0.84037E+00	-0.48251E+00	0.19846E+00	-0.52393E+01	-0.89449E+00	0.58110E+01
30	-0.23455E+00	-0.62441E+00	-0.10024E+00	-0.49876E+01	-0.40612E-01	0.55583E+01
31	0.23866E+00	-0.70553E+00	-0.22833E-01	-0.47754E+01	-0.59648E+00	0.57747E+01
32	-0.31598E+00	-0.86513E+00	-0.28294E+00	-0.46509E+01	-0.35980E+00	0.58655E+01
33	-0.25236E+01	-0.14054E+01	-0.11593E+01	-0.47350E+01	0.64417E+00	0.53653E+01
34	-0.60877E+01	-0.37938E+01	-0.34939E+01	-0.49706E+01	0.14684E+01	0.53122E+01
35	-0.11470E+01	-0.50092E+00	-0.18977E+00	-0.49568E+01	0.46959E+00	0.58106E+01
36	0.51511E+00	0.25194E+00	0.67768E+00	-0.45766E+01	-0.42456E+00	0.59916E+01
37	-0.19049E+01	-0.16262E+01	-0.95315E+00	-0.51026E+01	0.50480E+00	0.61855E+01
38	0.28293E+00	0.11026E+00	0.10599E+00	-0.65084E+01	-0.18663E+00	0.63086E+01
39	0.58262E+00	0.38692E-01	0.92115E-01	-0.60427E+01	-0.54789E+00	0.59011E+01
40	0.99035E+00	-0.37859E+00	0.40640E-01	-0.51985E+01	-0.16041E+01	0.57169E+01
41	0.13985E+01	0.39385E+00	0.13413E+00	-0.54560E+01	-0.14400E+01	0.55941E+01
42	0.13858E+01	0.50544E-01	-0.73075E-01	-0.52533E+01	-0.18094E+01	0.49671E+01
43	0.69530E+00	-0.98751E-01	0.28311E+00	-0.47976E+01	-0.93433E+00	0.58871E+01
44	0.12478E+01	0.17161E+00	0.45581E+00	-0.47053E+01	-0.15579E+01	0.51093E+01
45	0.19663E+01	0.52408E+00	0.61843E+00	-0.49339E+01	-0.14704E+01	0.50926E+01
46	0.10214E+01	-0.28706E+00	-0.17052E+00	-0.47593E+01	-0.10520E+01	0.45754E+01
47	-0.45640E+00	-0.75741E+00	-0.80485E-01	-0.48438E+01	-0.30821E+00	0.62467E+01
48	0.16526E+00	-0.44850E+00	0.34036E+00	-0.51253E+01	-0.39535E+00	0.63111E+01
49	0.73489E+00	-0.40549E+00	0.38633E+00	-0.50221E+01	-0.12439E+01	0.66917E+01
50	0.45576E+01	0.10734E+01	0.22726E+01	-0.43239E+01	-0.33912E+01	0.46308E+01
51	0.91976E+00	0.59406E+00	0.11841E+01	-0.20596E+00	-0.43996E+00	0.12136E+01
52	0.20429E+01	0.64767E+00	0.14392E+01	0.13793E+01	-0.18697E+01	-0.56565E+01
53	0.17281E+01	-0.51727E+00	0.28167E-01	-0.39235E+01	-0.16602E+01	0.40692E+01
54	0.63099E+00	0.60652E+00	0.36125E+00	-0.62399E+01	-0.21534E+00	0.55065E+01

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55	0.96427E+00	0.41552E+00	0.15782E+00	-0.58379E+01	-0.60619E+00	0.51776E+01
56	0.19152E+01	0.25605E+00	-0.38737E+00	-0.50745E+01	-0.16916E+01	0.45465E+01
57	0.16459E+01	0.18664E+00	-0.35866E-01	-0.44482E+01	-0.12368E+01	0.41005E+01
58	0.17932E+01	0.31485E-01	-0.14056E+00	-0.36638E+01	-0.14742E+01	0.35400E+01
59	0.33016E+00	0.57046E+00	0.25495E+00	-0.61219E+01	0.37605E-01	0.50684E+01
60	0.11161E+01	0.10746E+01	0.62882E+00	-0.58535E+01	-0.38119E+00	0.42810E+01
61	0.82708E+00	0.55320E+00	0.36643E+00	-0.58241E+01	-0.28026E+00	0.42795E+01
62	0.55542E+00	0.94997E+00	0.43857E+00	-0.56600E+01	0.58422E-01	0.36343E+01
63	0.11139E+01	0.71950E+00	0.18359E+00	-0.55078E+01	-0.51165E+00	0.44050E+01
64	0.12010E+01	0.10533E+01	0.25681E+00	-0.51224E+01	-0.42348E+00	0.35623E+01
65	0.19475E+01	0.48776E+00	-0.61129E+00	-0.49235E+01	-0.13762E+01	0.41282E+01
66	0.24868E+01	0.73738E+00	-0.62641E+00	-0.44583E+01	-0.15630E+01	0.33996E+01
67	0.20049E+01	0.11328E+01	-0.73139E+00	-0.39992E+01	-0.11929E+01	0.25412E+01
68	0.19903E+01	0.47812E+00	-0.76556E-01	-0.42073E+01	-0.11602E+01	0.36213E+01
69	0.17204E+01	0.59558E+00	-0.19796E+00	-0.40068E+01	-0.83423E+00	0.29721E+01
70	0.25788E+01	0.10015E+01	0.14460E+00	-0.35184E+01	-0.11304E+01	0.22027E+01
71	0.21139E+01	0.38413E+00	-0.23237E+00	-0.35228E+01	-0.12685E+01	0.28556E+01
72	0.24181E+01	0.60699E+00	-0.22081E+00	-0.32273E+01	-0.11624E+01	0.22081E+01
73	0.54850E+00	0.57666E+00	0.20269E+00	-0.51111E+01	-0.10176E+00	0.23700E+01
74	0.87105E+00	0.55807E+00	-0.13548E+00	-0.44712E+01	-0.28580E+00	0.20802E+01
75	0.17276E+01	0.55692E+00	-0.11226E+01	-0.36035E+01	-0.78935E+00	0.16622E+01
76	0.20492E+01	0.62523E+00	-0.26646E+00	-0.36863E+01	-0.68323E+00	0.22077E+01
77	0.15257E+01	0.85018E+00	-0.32364E+00	-0.26643E+01	-0.47654E+00	0.10804E+01
78	0.15657E+01	0.41327E+00	-0.53250E+00	-0.21580E+01	-0.53975E+00	0.68827E+00
79	0.24907E+01	0.67438E+00	-0.21320E+00	-0.25732E+01	-0.77181E+00	0.13077E+01
80	0.29814E+01	0.92198E+00	0.10242E+00	-0.18576E+01	-0.62239E+00	0.62257E+00
81	0.15169E+01	0.39521E+00	-0.63633E+00	-0.11108E+01	-0.51221E+00	0.32352E+00
82	0.18718E+01	0.57720E+00	-0.42882E+00	-0.92744E+00	-0.53084E+00	0.27464E+00
83	0.26665E+01	0.50262E+00	-0.26564E+00	-0.15556E+01	-0.59585E+00	0.52867E+00
84	0.30566E+01	0.73396E+00	-0.95440E-01	-0.17126E+01	-0.87519E+00	0.57141E+00
85	0.34708E+01	0.60753E+00	-0.53461E-01	-0.23696E+01	-0.10751E+01	0.13947E+01
86	0.33711E+01	0.54549E+00	-0.24071E+00	-0.13048E+01	-0.10313E+01	0.90420E+00
87	0.23205E+01	0.32943E+00	-0.54578E+00	-0.24194E+01	-0.11832E+01	0.13293E+01
88	0.25123E+01	0.33745E+00	-0.28729E+00	-0.26334E+01	-0.15390E+01	0.22088E+01
89	0.27215E+01	0.38196E+00	-0.22908E+00	-0.22604E+01	-0.16578E+01	0.19746E+01
90	0.30027E+01	0.34011E+00	-0.38579E+00	-0.16002E+01	-0.17705E+01	0.91730E+00
91	0.32391E+01	0.68237E+00	-0.29560E-01	-0.15279E+01	-0.19060E+01	0.14124E+01
92	0.31698E+01	0.61421E+00	-0.13473E+00	-0.11597E+01	-0.18880E+01	0.96911E+00
93	0.20597E+01	-0.89840E+00	0.29021E-01	-0.27832E+01	-0.19218E+01	0.32711E+01
94	0.22321E+01	0.18705E+00	0.31486E+00	-0.27911E+01	-0.17242E+01	0.31419E+01
95	0.15135E+01	0.75581E+00	0.36790E+00	-0.19880E+01	-0.16674E+01	0.23421E+01
96	0.19347E+01	0.16995E+00	-0.10449E+00	-0.27394E+01	-0.16091E+01	0.26493E+01
97	0.12911E+01	0.44984E+00	0.11876E+00	-0.22393E+01	-0.16541E+01	0.20051E+01
98	0.16469E+01	0.37842E+00	-0.12165E+00	-0.18989E+01	-0.15471E+01	0.19358E+01
99	0.17081E+01	-0.14594E+00	-0.53548E+00	-0.21839E+01	-0.15105E+01	0.20072E+01
100	0.13812E+01	-0.74139E-01	-0.46569E+00	-0.15945E+01	-0.15262E+01	0.14607E+01
101	0.17066E+01	0.26598E+00	-0.12520E+00	-0.12275E+01	-0.15521E+01	0.11243E+01
102	0.13391E+01	-0.16003E+00	-0.78471E+00	-0.12261E+01	-0.14769E+01	0.10882E+01
103	0.97076E+00	0.21551E+00	-0.46675E+00	-0.45971E+00	-0.13949E+01	0.57285E+00
104	0.10489E+01	0.33883E+00	-0.39482E+00	-0.18372E+00	-0.13918E+01	0.41067E+00
105	0.22810E+01	-0.99771E-02	0.65441E+00	-0.24597E+01	-0.23732E+01	0.30226E+01
106	0.35231E+01	0.20591E+01	0.25561E+01	-0.17079E+00	-0.25696E+01	0.14184E+01
107	0.27239E+01	0.14471E+01	0.18710E+01	-0.13002E+01	-0.24621E+01	0.21323E+01
108	0.22148E+01	0.12888E+01	0.15689E+01	-0.13426E+01	-0.23573E+01	0.21474E+01
109	0.19229E+01	0.10235E+01	0.14826E+01	-0.52880E+00	-0.23562E+01	0.14221E+01
110	0.19378E+00	-0.31144E+00	0.95338E-01	-0.19091E+01	-0.21599E+01	0.22272E+01
111	-0.50613E+00	-0.43262E+00	-0.51434E-01	-0.13748E+01	-0.20100E+01	0.12203E+01
112	-0.54601E+00	-0.46889E+00	-0.11485E+00	-0.21344E+01	-0.19983E+01	0.12062E+01
113	-0.86872E+00	-0.59870E+00	-0.63860E+00	-0.22534E+01	-0.16825E+01	0.23634E+01
114	-0.10376E+01	-0.77442E+00	-0.48270E+00	-0.18983E+01	-0.15884E+01	0.11740E+01

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115	-0.11517E+01	-0.82994E+00	-0.66242E+00	-0.32806E+01	-0.15456E+01	0.11360E+01
116	-0.42447E+00	-0.51709E+00	-0.58298E+00	-0.24946E+01	-0.12044E+01	0.20277E+01
117	0.10872E+00	-0.90589E-01	-0.90569E-01	-0.27327E+01	-0.99922E+00	0.10578E+01
118	0.32300E-02	-0.14964E+00	-0.29524E+00	-0.23351E+01	-0.94963E+00	0.97550E+00
119	0.41622E-01	-0.50484E+00	-0.60544E+00	-0.19220E+01	-0.75088E+00	0.15066E+01
120	0.45363E+00	0.10678E+00	-0.16415E+00	-0.19331E+01	-0.60088E+00	0.86622E+00
121	0.33451E+00	0.65201E-01	-0.29548E+00	-0.16187E+01	-0.56980E+00	0.75866E+00
122	-0.11545E+00	-0.78513E+00	-0.93091E+00	-0.15193E+01	-0.43640E+00	0.11577E+01
123	0.71799E-01	-0.13643E+00	-0.59826E+00	-0.12653E+01	-0.30292E+00	0.62809E+00
124	0.37170E-01	-0.15700E+00	-0.66426E+00	-0.94462E+00	-0.28723E+00	0.50366E+00
125	0.17338E+00	-0.17818E+00	-0.65358E+00	-0.75118E+00	-0.25271E+00	0.59313E+00
126	-0.12553E-01	-0.19072E+00	-0.73228E+00	-0.54604E+00	-0.19080E+00	0.34139E+00
127	-0.15734E-01	-0.19209E+00	-0.73887E+00	-0.21197E+00	-0.18910E+00	0.24820E+00
128	-0.50266E+00	-0.53343E+00	-0.10732E+01	-0.35767E+00	-0.13027E+00	0.32286E+00
129	-0.11538E+01	-0.89185E+00	-0.14651E+01	-0.10389E+00	-0.32344E-01	0.10450E+00
183	0.27651E+01	-0.25404E+00	0.74885E+00	-0.40564E+01	-0.25014E+01	0.46261E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.60840E+00	0.40560E+01	-0.34476E+01	-0.65784E+02	0.91577E+01	0.28248E+02
131	-0.40779E-01	-0.27186E+00	0.23108E+00	-0.15748E+03	0.10884E+02	0.83579E+02
132	0.66465E-01	0.44310E+00	-0.37663E+00	-0.26292E+03	0.20022E+02	0.14462E+03
133	-0.26168E-01	-0.17445E+00	0.14829E+00	-0.38164E+03	0.30868E+02	0.21369E+03
134	-0.10149E-01	-0.67657E-01	0.57509E-01	-0.51550E+03	0.44397E+02	0.29818E+03
135	0.14073E+00	0.93817E+00	-0.79744E+00	-0.61363E+03	0.58035E+02	0.37486E+03
136	-0.38157E-01	-0.25438E+00	0.21622E+00	-0.69809E+03	0.62947E+02	0.42869E+03
137	-0.12459E+00	-0.83058E+00	0.70600E+00	-0.69572E+03	0.77301E+02	0.45231E+03
138	0.64571E+00	0.43047E+01	-0.30292E+01	-0.71499E+03	0.18094E+03	0.48939E+03
139	0.22842E+00	0.15228E+01	0.86376E+00	-0.69610E+03	0.38989E+03	0.51579E+03
140	-0.11606E+01	-0.77371E+01	0.65765E+01	-0.88240E+03	0.47286E+03	0.58620E+03
141	-0.11401E+01	-0.76006E+01	0.64606E+01	-0.88349E+03	0.48294E+03	0.62386E+03
142	-0.12868E+01	-0.85785E+01	0.72918E+01	-0.92527E+03	0.48409E+03	0.66375E+03
143	-0.13318E+01	-0.88735E+01	0.75467E+01	0.32881E+03	0.67010E+03	-0.58090E+03
144	-0.15286E+01	-0.10190E+02	0.86619E+01	0.32440E+03	0.65268E+03	-0.54965E+03
145	0.12128E+01	0.80852E+01	-0.78390E+01	-0.14148E+03	0.48686E+03	-0.12811E+04
146	0.50653E+00	0.33769E+01	-0.61038E+01	-0.18346E+03	0.36334E+03	-0.11055E+04
147	0.52339E+00	0.34893E+01	-0.60142E+01	-0.17190E+03	0.37808E+03	-0.10877E+04
148	0.54325E+00	0.36216E+01	0.11328E+01	-0.16473E+03	0.39447E+03	-0.10898E+04
149	0.56656E+00	0.37771E+01	0.10546E+01	-0.15422E+03	0.41404E+03	-0.11096E+04
150	0.65548E+00	0.43698E+01	0.11154E+00	-0.27617E+02	0.45686E+03	-0.10768E+04
151	0.79128E+00	0.52752E+01	0.24685E+02	-0.76856E+02	0.52035E+03	-0.11009E+04
152	0.73332E+00	0.48898E+01	0.44698E+02	-0.79013E+02	0.48106E+03	-0.10889E+04
153	0.64240E+00	0.42827E+01	0.39403E+02	-0.59479E+02	0.42288E+03	-0.10606E+04
154	0.43159E+00	0.28773E+01	0.75918E+02	-0.40384E+02	0.28405E+03	-0.10272E+04
155	0.12756E+00	0.85041E+00	0.62241E+02	-0.60825E+02	0.76619E+02	-0.95624E+03
156	-0.11661E+00	-0.77737E+00	0.52559E+02	-0.36857E+02	-0.83907E+02	-0.88261E+03
157	-0.31109E+00	-0.20740E+01	0.41315E+02	-0.38913E+02	-0.21495E+03	-0.78163E+03
158	-0.46413E+00	-0.30942E+01	0.34524E+02	-0.25503E+02	-0.31580E+03	-0.68478E+03
159	-0.57889E+00	-0.38593E+01	0.24492E+02	-0.36414E+01	-0.38966E+03	-0.56333E+03
160	-0.65611E+00	-0.43741E+01	0.17176E+02	0.32699E+01	-0.44053E+03	-0.45088E+03
161	-0.77115E+00	-0.51412E+01	0.85458E+01	0.92712E+01	-0.48407E+03	-0.31656E+03
162	-0.79475E+00	-0.52984E+01	-0.21591E+00	0.99009E+01	-0.46804E+03	-0.21735E+03
163	-0.90818E+00	-0.60545E+01	-0.14784E+01	0.28871E+02	-0.53220E+03	-0.15080E+03
164	-0.89645E+00	-0.59763E+01	-0.27477E+01	0.52957E+02	-0.52166E+03	-0.10308E+03

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165	-0.47348E+03	-0.71737E+02	-0.39993E+00	-0.23817E+02	-0.52832E+03	-0.81143E+02
166	-0.38415E+03	-0.53543E+02	-0.52969E+01	-0.17398E+02	-0.49092E+03	-0.74451E+02
167	-0.30465E+03	-0.39397E+02	-0.68927E+01	-0.13713E+02	-0.41948E+03	-0.68962E+02
168	-0.23261E+03	-0.28465E+02	-0.69059E+01	-0.10032E+02	-0.34638E+03	-0.64370E+02
169	-0.14799E+03	-0.14232E+02	-0.82286E+01	-0.67019E+01	-0.29796E+03	-0.59293E+02
170	-0.64423E+02	0.10804E+01	-0.10861E+02	-0.29668E+01	-0.26864E+03	-0.53503E+02
171	0.20501E+02	0.15587E+02	-0.12296E+02	0.20028E+01	-0.21555E+03	-0.45385E+02
172	0.68851E+02	0.21793E+02	-0.11033E+02	0.69659E+01	-0.14618E+03	-0.36571E+02
173	0.68335E+02	0.17359E+02	-0.67079E+01	0.96191E+01	-0.84447E+02	-0.30316E+02
174	0.42216E+02	0.83173E+01	-0.18177E+01	0.99577E+01	-0.40408E+02	-0.25742E+02
175	0.97109E+01	0.40707E+00	0.95733E+00	0.74955E+01	-0.26531E+02	-0.23277E+02
176	-0.21504E+01	-0.16049E+01	0.11408E+01	0.51775E+01	-0.30405E+02	-0.21492E+02
177	-0.40427E+01	-0.12855E+01	0.58744E+00	0.33504E+01	-0.32689E+02	-0.17669E+02
178	-0.16932E+01	-0.22570E+00	-0.36027E-01	0.22227E+01	-0.24806E+02	-0.12808E+02
179	0.51042E+00	0.22027E+00	-0.13319E+00	0.20005E+01	-0.17487E+02	-0.89754E+01
180	0.76357E-01	0.78503E-01	-0.61962E-01	0.16156E+01	-0.10145E+02	-0.53866E+01
181	0.16494E+00	0.17846E+00	-0.13500E+00	0.14239E+01	-0.46068E+01	-0.13564E+01
182	-0.55566E+00	-0.25808E+00	0.15194E+00	0.54458E+00	0.11152E+01	0.80896E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5000E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.27721E-02	-0.19685E-04	-0.26190E-02	0.00000E+00
3	0.45848E-02	-0.10862E-04	-0.46228E-02	0.00000E+00
4	0.48809E-02	0.95110E-05	-0.50209E-02	0.00000E+00
5	0.52307E-02	0.21890E-04	-0.52462E-02	0.00000E+00
6	0.53034E-02	-0.18759E-05	-0.53088E-02	0.00000E+00
7	0.52346E-02	-0.72460E-05	-0.51442E-02	0.00000E+00
8	0.52934E-02	-0.39843E-04	-0.52529E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.24849E-02	0.12761E-04	-0.23588E-02	0.00000E+00
11	0.43753E-02	0.11224E-04	-0.41628E-02	0.00000E+00
12	0.47947E-02	-0.21332E-05	-0.45593E-02	0.00000E+00
13	0.51891E-02	-0.53008E-04	-0.49441E-02	0.00000E+00
14	0.53040E-02	-0.10536E-03	-0.51011E-02	0.00000E+00
15	0.51573E-02	-0.12667E-03	-0.46764E-02	0.00000E+00
16	0.53158E-02	-0.20815E-03	-0.48614E-02	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.23614E-02	-0.27946E-05	-0.19519E-02	0.00000E+00
19	0.42365E-02	-0.82053E-04	-0.34929E-02	0.00000E+00
20	0.46762E-02	-0.13366E-03	-0.38718E-02	0.00000E+00
21	0.51221E-02	-0.24079E-03	-0.42861E-02	0.00000E+00
22	0.53356E-02	-0.34029E-03	-0.45401E-02	0.00000E+00
23	0.50878E-02	-0.41329E-03	-0.37977E-02	0.00000E+00
24	0.53660E-02	-0.57989E-03	-0.41493E-02	0.00000E+00
25	0.53840E-02	-0.74368E-03	-0.39335E-02	0.00000E+00
26	0.53956E-02	-0.83105E-03	-0.38164E-02	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.23023E-02	-0.35102E-04	-0.12733E-02	0.00000E+00
29	0.41604E-02	-0.23602E-03	-0.23326E-02	0.00000E+00
30	0.46082E-02	-0.38054E-03	-0.26614E-02	0.00000E+00
31	0.51273E-02	-0.64194E-03	-0.31799E-02	0.00000E+00
32	0.54096E-02	-0.94297E-03	-0.36959E-02	0.00000E+00
33	0.51485E-02	-0.68422E-03	-0.29434E-02	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.22836E-02	-0.35625E-04	-0.10233E-02	0.00000E+00
36	0.41544E-02	-0.24970E-03	-0.13784E-02	0.00000E+00
37	0.46144E-02	-0.43193E-03	-0.21356E-02	0.00000E+00
38	0.51617E-02	-0.70943E-03	-0.26980E-02	0.00000E+00
39	0.54127E-02	-0.96093E-03	-0.34440E-02	0.00000E+00
40	0.54120E-02	-0.95842E-03	-0.35012E-02	0.00000E+00
41	0.54119E-02	-0.95610E-03	-0.35571E-02	0.00000E+00
42	0.54120E-02	-0.95339E-03	-0.36236E-02	0.00000E+00
43	0.46013E-02	-0.46855E-03	-0.10126E-02	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.22062E-02	-0.83636E-04	0.87366E-04	0.00000E+00
46	0.40391E-02	-0.37805E-03	0.20535E-03	0.00000E+00
47	0.54109E-02	-0.96097E-03	-0.34037E-02	0.00000E+00
48	0.54130E-02	-0.96101E-03	-0.34257E-02	0.00000E+00
49	0.51653E-02	-0.71517E-03	-0.26064E-02	0.00000E+00
50	0.54154E-02	-0.95791E-03	-0.34451E-02	0.00000E+00
51	0.51549E-02	-0.74867E-03	-0.12784E-02	0.00000E+00
52	0.54416E-02	-0.10301E-02	-0.16205E-02	0.00000E+00
53	0.54039E-02	-0.96037E-03	-0.33261E-02	0.00000E+00
54	0.45429E-02	-0.57395E-03	0.20826E-03	0.00000E+00
55	0.50835E-02	-0.89120E-03	0.25393E-03	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.22175E-02	-0.12039E-03	0.11772E-02	0.00000E+00
58	0.40257E-02	-0.62399E-03	0.21965E-02	0.00000E+00
59	0.54263E-02	-0.12660E-02	0.26897E-03	0.00000E+00
60	0.54374E-02	-0.10635E-02	-0.10532E-02	0.00000E+00
61	0.54161E-02	-0.97254E-03	-0.34509E-02	0.00000E+00
62	0.44384E-02	-0.92676E-03	0.25685E-02	0.00000E+00
63	0.50336E-02	-0.14016E-02	0.31149E-02	0.00000E+00
64	0.54562E-02	-0.10620E-02	-0.15962E-02	0.00000E+00
65	0.54169E-02	-0.97674E-03	-0.34571E-02	0.00000E+00
66	0.54226E-02	-0.98550E-03	-0.34693E-02	0.00000E+00
67	0.54232E-02	-0.99568E-03	-0.34810E-02	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.22597E-02	-0.19027E-03	0.18086E-02	0.00000E+00
70	0.41169E-02	-0.61868E-03	0.34378E-02	0.00000E+00
71	0.54087E-02	-0.19225E-02	0.36064E-02	0.00000E+00
72	0.54853E-02	-0.11276E-02	-0.10432E-02	0.00000E+00
73	0.50643E-02	-0.13725E-02	-0.47850E-02	0.00000E+00
74	0.55675E-02	-0.12658E-02	-0.99434E-03	0.00000E+00
75	0.54330E-02	-0.10044E-02	-0.34936E-02	0.00000E+00
76	0.54634E-02	-0.10240E-02	-0.35183E-02	0.00000E+00
77	0.53366E-02	-0.18832E-02	-0.35108E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.23272E-02	-0.13921E-03	0.23892E-02	0.00000E+00
80	0.41751E-02	-0.59177E-03	0.45338E-02	0.00000E+00
81	0.45812E-02	-0.86560E-03	0.51149E-02	0.00000E+00
82	0.49909E-02	-0.12744E-02	0.59273E-02	0.00000E+00
83	0.56337E-02	-0.25268E-02	0.39569E-02	0.00000E+00
84	0.53050E-02	-0.23763E-02	0.72044E-02	0.00000E+00
85	0.55234E-02	-0.10505E-02	-0.35526E-02	0.00000E+00
86	0.56844E-02	-0.14462E-02	-0.10353E-02	0.00000E+00
87	0.52702E-02	-0.17373E-02	0.66771E-02	0.00000E+00
88	0.56650E-02	-0.19561E-02	0.14331E-02	0.00000E+00
89	0.55797E-02	-0.10776E-02	-0.35885E-02	0.00000E+00
90	0.48179E-02	-0.68351E-03	0.53153E-02	0.00000E+00
91	0.48805E-02	-0.93744E-03	0.58055E-02	0.00000E+00
92	0.48319E-02	-0.11412E-02	0.60871E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.20243E-02	0.00000E+00	0.19723E-02	0.00000E+00
95	0.36664E-02	0.00000E+00	0.37005E-02	0.00000E+00
96	0.39824E-02	0.00000E+00	0.41418E-02	0.00000E+00
97	0.41621E-02	0.00000E+00	0.46756E-02	0.00000E+00
98	0.40485E-02	0.00000E+00	0.48969E-02	0.00000E+00
99	0.46291E-02	-0.53742E-03	0.52625E-02	0.00000E+00
100	0.49054E-02	-0.14604E-02	0.64661E-02	0.00000E+00
101	0.50350E-02	-0.30431E-02	0.75699E-02	0.00000E+00
102	0.57124E-02	-0.11192E-02	-0.36455E-02	0.00000E+00
103	0.57198E-02	-0.29407E-02	0.41417E-02	0.00000E+00
104	0.58661E-02	-0.17094E-02	-0.10978E-02	0.00000E+00
105	0.58249E-02	-0.11602E-02	-0.37067E-02	0.00000E+00
106	0.57383E-02	-0.32986E-02	0.41049E-02	0.00000E+00
107	0.60355E-02	-0.19652E-02	-0.12083E-02	0.00000E+00
108	0.59279E-02	-0.12017E-02	-0.37718E-02	0.00000E+00
109	0.60188E-02	-0.12427E-02	-0.38412E-02	0.00000E+00
110	0.57844E-02	-0.38497E-02	0.38070E-02	0.00000E+00
111	0.61526E-02	-0.22256E-02	-0.13684E-02	0.00000E+00
112	0.60846E-02	-0.12828E-02	-0.39148E-02	0.00000E+00
113	0.60403E-02	-0.36501E-02	0.27136E-02	0.00000E+00
114	0.61544E-02	-0.13210E-02	-0.39930E-02	0.00000E+00
115	0.62025E-02	-0.13573E-02	-0.40756E-02	0.00000E+00
116	0.62453E-02	-0.13914E-02	-0.41617E-02	0.00000E+00

117	0.62900E-02	-0.24604E-02	-0.16595E-02	0.00000E+00
118	0.62484E-02	-0.14077E-02	-0.42066E-02	0.00000E+00
119	0.62537E-02	-0.14293E-02	-0.42792E-02	0.00000E+00
120	0.65636E-02	-0.27613E-02	-0.20584E-02	0.00000E+00
121	0.62668E-02	-0.14597E-02	-0.43676E-02	0.00000E+00
122	0.62632E-02	-0.14827E-02	-0.44106E-02	0.58003E-05
123	0.62446E-02	-0.15335E-02	-0.44459E-02	0.10641E-04
124	0.62124E-02	-0.16167E-02	-0.44811E-02	0.16563E-04
125	0.61547E-02	-0.17412E-02	-0.45178E-02	0.24224E-04
126	0.60101E-02	-0.20450E-02	-0.45782E-02	0.35015E-04
127	0.58285E-02	-0.24241E-02	-0.46368E-02	0.39582E-04
128	0.54419E-02	-0.32836E-02	-0.47567E-02	0.35981E-04
129	0.51577E-02	-0.39557E-02	-0.48669E-02	0.24384E-04
130	0.49940E-02	-0.43766E-02	-0.49856E-02	0.84477E-05
131	0.50300E-02	-0.42862E-02	-0.51646E-02	-0.94549E-05
132	0.52182E-02	-0.36719E-02	-0.53176E-02	-0.15599E-04
133	0.53988E-02	-0.29861E-02	-0.54499E-02	-0.14363E-04
134	0.55261E-02	-0.23796E-02	-0.55550E-02	-0.12863E-04
135	0.56216E-02	-0.18022E-02	-0.56372E-02	-0.12679E-04
136	0.56910E-02	-0.12343E-02	-0.56982E-02	-0.12468E-04
137	0.57307E-02	-0.68219E-03	-0.57328E-02	-0.12529E-04
138	0.57575E-02	-0.10076E-03	-0.57574E-02	-0.12575E-04
139	0.57575E-02	-0.12606E-04	-0.57575E-02	-0.12605E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5600E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.24857E-01	-0.37599E-02	0.18420E-01	0.32250E+00	-0.72859E-03	-0.30393E+00
2	-0.42753E-01	-0.39096E-02	0.29862E-01	0.22838E+00	0.10178E-01	-0.23245E+00
3	-0.46227E-01	-0.15290E-02	0.40174E-01	0.13197E+00	0.49790E-01	-0.14628E+00
4	-0.32167E-01	-0.28202E-01	-0.57114E-01	0.70537E-01	0.30203E-01	-0.53187E-01
5	-0.11446E-01	-0.62866E-03	0.26462E-01	0.84921E-01	0.30492E-01	-0.76720E-01
6	-0.10906E-01	-0.16535E-01	0.46730E-01	0.77194E-01	0.15512E-01	-0.81116E-01
7	0.14582E-01	0.31723E-02	0.37196E-01	0.97637E-02	0.35985E-02	-0.16897E-01
8	0.10616E-01	-0.12320E-02	0.52947E-01	0.99883E-02	0.14201E-01	-0.23593E-01
9	0.70298E-02	0.16150E-01	0.29081E-01	0.29679E+00	0.64675E-02	-0.26356E+00
10	0.17244E-02	0.10353E-01	0.58720E-01	0.22473E+00	0.21881E-01	-0.20365E+00
11	-0.11549E-01	0.17296E-02	0.12909E+00	0.13995E+00	0.52871E-01	-0.15677E+00
12	0.20657E-01	0.10085E-01	0.81718E-01	0.72156E-01	0.23538E-01	-0.78679E-01
13	0.91633E-02	0.62098E-02	0.91567E-01	0.79064E-01	0.31562E-01	-0.94484E-01
14	0.12760E-01	-0.18684E-01	0.95122E-01	0.76003E-01	0.35655E-01	-0.81457E-01
15	0.29079E-01	0.26928E-02	0.82642E-01	0.14712E-01	0.20830E-01	-0.29407E-01
16	0.42895E-01	0.51245E-02	0.11190E+00	0.19455E-01	0.31137E-01	-0.37373E-01
17	0.17285E-01	0.18618E-01	0.45472E-01	0.28501E+00	0.14451E-01	-0.19681E+00
18	0.19221E-01	-0.33281E-02	0.92313E-01	0.21990E+00	0.38573E-01	-0.15620E+00
19	0.28289E-01	-0.23821E-01	0.21218E+00	0.13291E+00	0.97526E-01	-0.11697E+00
20	0.37279E-01	0.55040E-02	0.13107E+00	0.65461E-01	0.47481E-01	-0.73755E-01
21	0.23347E-01	-0.31816E-01	0.13257E+00	0.74916E-01	0.59225E-01	-0.10208E+00
22	0.34674E-01	-0.92500E-01	0.13054E+00	0.72304E-01	0.53661E-01	-0.97145E-01
23	0.44627E-01	-0.14313E-01	0.12835E+00	0.17902E-01	0.37860E-01	-0.52070E-01
24	0.73937E-01	-0.13721E-01	0.15316E+00	0.32106E-02	0.31844E-01	-0.58568E-01
25	0.41632E-01	-0.75634E-01	0.12853E+00	0.15114E-01	0.47775E-01	-0.79681E-01
26	-0.71901E-04	-0.15416E+00	0.86983E-01	-0.13312E-01	0.29328E-01	-0.91180E-01
27	-0.24379E-01	0.28212E-01	0.56407E-01	0.28018E+00	0.16117E-01	-0.13992E+00
28	0.34701E-01	-0.10109E-01	0.11755E+00	0.22619E+00	0.45734E-01	-0.11364E+00
29	0.64257E-01	-0.55625E-01	0.26948E+00	0.15086E+00	0.13169E+00	-0.91800E-01
30	0.81357E-01	-0.54826E-01	0.17805E+00	0.89571E-01	0.68294E-01	-0.95612E-01
31	0.21790E-01	-0.10167E+00	0.14396E+00	0.10183E+00	0.85756E-01	-0.10636E+00
32	0.68478E-01	-0.67397E-01	0.18391E+00	0.10369E+00	0.79467E-01	-0.10512E+00
33	0.28062E-01	-0.13114E+00	0.11601E+00	0.40784E-01	0.42290E-01	-0.10252E+00
34	0.24335E-01	-0.12752E+00	0.11502E+00	0.49577E-01	-0.84344E-02	-0.12298E+00
35	-0.36774E-01	-0.16797E+00	0.75025E-01	0.60680E-01	0.10001E-01	-0.12335E+00
36	0.38134E-01	-0.10344E+00	0.14409E+00	0.46965E-01	0.84202E-01	-0.14209E+00
37	-0.66279E-02	-0.12929E+00	0.10721E+00	0.57472E-01	0.99016E-02	-0.15567E+00
38	0.24577E-01	0.15422E-01	0.64995E-01	0.27269E+00	0.21411E-01	-0.56610E-01
39	0.33615E-01	-0.15031E-01	0.14633E+00	0.22016E+00	0.62302E-01	-0.41367E-01
40	0.68223E-01	-0.58057E-01	0.31734E+00	0.15830E+00	0.19386E+00	-0.77643E-01
41	0.57308E-01	-0.24015E-01	0.35510E+00	0.16700E+00	0.15925E+00	-0.50153E-01
42	0.61642E-01	-0.49321E-01	0.39650E+00	0.15528E+00	0.19106E+00	0.18122E-01
43	0.45429E-01	-0.77793E-01	0.18834E+00	0.11322E+00	0.10950E+00	-0.11044E+00
44	0.71113E-01	-0.46360E-01	0.23738E+00	0.11388E+00	0.16022E+00	-0.41922E-01
45	0.66084E-01	-0.31519E-01	0.27952E+00	0.96361E-01	0.15887E+00	-0.41957E-01
46	0.55192E-01	-0.62959E-01	0.26857E+00	0.99727E-01	0.10515E+00	0.23617E-01
47	0.28409E-01	-0.10068E+00	0.14039E+00	0.53825E-01	0.67082E-01	-0.16175E+00
48	-0.49633E-01	-0.15240E+00	0.82856E-01	0.59265E-01	0.23387E-01	-0.16843E+00
49	0.18036E-01	-0.88972E-01	0.16013E+00	0.53565E-01	0.12349E+00	-0.21567E+00
50	0.82457E-01	-0.43424E-01	0.23581E+00	0.53026E-01	0.30149E+00	-0.52091E-01
51	0.10677E+00	0.92450E-01	0.22901E+00	0.51731E-02	0.28510E-01	-0.16172E-01
52	0.58211E-01	-0.42693E-01	0.18348E+00	0.35300E-01	0.17891E+00	0.69763E+00
53	0.95616E-01	-0.26927E-01	0.31864E+00	0.35208E-01	0.17061E+00	-0.63964E-03
54	0.40510E-01	0.14740E-01	0.33617E-01	0.26899E+00	0.17990E-01	0.78067E-01

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55	0.54080E-01	-0.43310E-01	0.17902E+00	0.21215E+00	0.50573E-01	0.74159E-01
56	0.10356E+00	-0.69344E-01	0.45764E+00	0.13329E+00	0.14703E+00	0.88061E-01
57	0.91426E-01	-0.71147E-01	0.33139E+00	0.80214E-01	0.11079E+00	0.81461E-01
58	0.10913E+00	-0.79083E-01	0.37239E+00	0.27214E-01	0.13989E+00	0.79890E-01
59	0.62881E-03	-0.28800E-01	0.30372E-01	0.27103E+00	-0.14871E-01	0.14441E+00
60	0.48932E-01	-0.37625E-02	0.10445E+00	0.27106E+00	0.15451E-01	0.22233E+00
61	0.67222E-01	0.10810E-01	0.12259E+00	0.27993E+00	0.99464E-02	0.22227E+00
62	-0.13523E-02	-0.35382E-01	0.32001E-01	0.28444E+00	-0.16677E-01	0.29251E+00
63	0.72547E-01	-0.51142E-01	0.19829E+00	0.22163E+00	0.90385E-03	0.16681E+00
64	0.84566E-01	-0.32325E-01	0.21148E+00	0.22928E+00	-0.65881E-02	0.23480E+00
65	0.15407E+00	-0.94699E-01	0.49240E+00	0.17044E+00	-0.47894E-03	0.15540E+00
66	0.15655E+00	-0.60554E-01	0.52343E+00	0.15773E+00	-0.35052E-02	0.16696E+00
67	0.15463E+00	-0.63249E-01	0.50472E+00	0.15287E+00	-0.22829E-01	0.22774E+00
68	0.12330E+00	-0.37802E-01	0.37740E+00	0.12063E+00	0.15031E-01	0.13755E+00
69	0.10344E+00	-0.11100E+00	0.34145E+00	0.11737E+00	-0.12683E-01	0.21903E+00
70	0.11667E+00	-0.47756E-01	0.33400E+00	0.97251E-01	-0.28305E-01	0.19070E+00
71	0.11320E+00	-0.10673E+00	0.40227E+00	0.73108E-01	0.12153E-01	0.15667E+00
72	0.10133E+00	-0.97492E-01	0.39325E+00	0.70333E-01	-0.39861E-01	0.17998E+00
73	0.18409E-01	0.69436E-02	0.58514E-01	0.26720E+00	-0.21097E-01	0.26681E+00
74	0.41332E-01	0.89841E-03	0.15451E+00	0.21998E+00	-0.60609E-01	0.23812E+00
75	0.55249E-01	-0.45471E-02	0.36468E+00	0.15910E+00	-0.16753E+00	0.19320E+00
76	0.49716E-01	-0.11246E+00	0.28920E+00	0.11436E+00	-0.13877E+00	0.18633E+00
77	0.54204E-01	-0.28494E-01	0.25482E+00	0.13492E+00	-0.10842E+00	0.15368E+00
78	0.12540E+00	0.18225E+00	0.33021E+00	0.68554E-01	-0.10170E+00	0.11754E+00
79	0.75345E-01	-0.55584E-01	0.32927E+00	0.67175E-01	-0.14692E+00	0.14651E+00
80	0.11505E-01	-0.51970E-01	0.24370E+00	0.50595E-01	-0.14309E+00	0.11273E+00
81	0.50195E-02	-0.13447E-01	0.22495E+00	0.55205E-01	-0.10926E+00	0.56864E-01
82	0.98850E-02	0.10446E+00	0.25126E+00	0.19181E-01	-0.10318E+00	0.49366E-01
83	0.14662E-01	-0.51985E-01	0.25161E+00	0.23537E-01	-0.14547E+00	0.86126E-01
84	0.30225E-01	-0.18034E-01	0.34029E+00	0.25603E-01	-0.15300E+00	0.10300E+00
85	0.69334E-01	-0.76150E-01	0.37575E+00	0.34301E-01	-0.16849E+00	0.96544E-01
86	0.86807E-01	-0.59067E-01	0.40237E+00	0.47336E-02	-0.17307E+00	0.75873E-01
87	0.11530E+00	-0.98297E-01	0.42684E+00	0.14924E-01	-0.48935E-01	0.20299E+00
88	0.10417E+00	-0.89377E-01	0.43662E+00	0.33367E-01	0.13985E-01	0.10591E+00
89	0.85345E-01	-0.10443E+00	0.43821E+00	0.31214E-01	0.10724E-01	0.89109E-01
90	0.99815E-01	-0.24602E-01	0.47557E+00	-0.24602E-01	0.10751E-01	0.87556E-01
91	0.35238E-01	-0.85037E-01	0.45079E+00	0.18110E-01	0.20376E-01	0.36319E-01
92	0.71521E-01	-0.27923E-01	0.46438E+00	0.20353E-01	0.21722E-01	0.40233E-02
93	0.12784E+00	-0.59506E-02	0.34307E+00	0.62040E-02	0.19381E+00	0.35841E-01
94	0.10607E+00	-0.68928E-01	0.34920E+00	-0.61121E-02	0.17307E+00	0.35336E-01
95	0.15311E+00	0.11520E-01	0.38884E+00	-0.18272E-01	0.20300E+00	0.16343E-01
96	0.12812E+00	-0.71265E-01	0.41165E+00	-0.18525E-01	0.16316E+00	0.90356E-01
97	0.16673E+00	0.29189E-01	0.40521E+00	-0.16566E-01	0.20163E+00	0.19202E-01
98	0.11634E+00	-0.55673E-01	0.41067E+00	-0.41912E-01	0.19026E+00	0.45824E-01
99	0.14120E+00	-0.75362E-01	0.45504E+00	-0.46193E-01	0.15438E+00	0.92842E-01
100	0.14172E+00	0.32393E-01	0.44824E+00	-0.54897E-01	0.19120E+00	0.27216E-01
101	0.12601E+00	0.22183E-01	0.42317E+00	-0.51831E-01	0.20292E+00	0.66726E-02
102	0.53230E-01	-0.43120E-01	0.41777E+00	-0.51353E-01	0.18649E+00	0.52745E-02
103	0.12580E+00	0.37339E-01	0.41255E+00	-0.54856E-01	0.21282E+00	-0.16562E-01
104	0.93117E-01	-0.79769E-02	0.37600E+00	-0.28537E-01	0.21472E+00	-0.36764E-01
105	0.10873E+00	-0.32881E-01	0.29434E+00	0.22736E-01	0.24842E+00	0.52712E-01
106	0.21147E+00	0.16226E+00	0.33457E+00	-0.75224E-02	0.25017E+00	0.22066E-03
107	0.13386E+00	0.25902E-01	0.36662E+00	0.64689E-02	0.24791E+00	0.44825E-01
108	0.14604E+00	0.29623E-01	0.28149E+00	0.71136E-02	0.25029E+00	0.41405E-01
109	0.24322E+00	0.18209E+00	0.36649E+00	-0.70881E-02	0.25840E+00	0.73832E-03
110	0.16623E+00	0.31760E-01	0.30009E+00	0.76776E-02	0.25515E+00	0.34516E-01
111	0.28405E+00	0.21337E+00	0.39803E+00	0.16369E-03	0.27069E+00	0.95519E-03
112	0.23389E+00	0.21360E+00	0.39341E+00	0.16052E-01	0.27043E+00	0.24904E-03
113	0.14445E+00	-0.29935E-01	0.29386E+00	0.61245E-02	0.25506E+00	0.13129E-01
114	0.23663E+00	0.21438E+00	0.40311E+00	-0.41624E-02	0.27335E+00	0.84829E-03

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115	0.28775E+00	0.21434E+00	0.40577E+00	0.21908E-01	0.27255E+00	-0.27676E-03
116	0.12955E+00	-0.30046E-01	0.29431E+00	-0.12915E-01	0.25834E+00	0.16907E-01
117	0.23776E+00	0.18487E+00	0.38002E+00	-0.79728E-02	0.27793E+00	0.41491E-03
118	0.23982E+00	0.18646E+00	0.38359E+00	-0.24016E-01	0.27718E+00	-0.10286E-02
119	0.11356E+00	-0.31160E-01	0.29339E+00	-0.40188E-01	0.26160E+00	0.86625E-02
120	0.23282E+00	0.18390E+00	0.38231E+00	-0.48625E-01	0.27952E+00	-0.54911E-03
121	0.23506E+00	0.18702E+00	0.38477E+00	-0.62201E-01	0.27941E+00	-0.21128E-02
122	0.98545E-01	-0.45084E-01	0.23247E+00	-0.78324E-01	0.26241E+00	-0.37201E-04
123	0.22228E+00	0.18140E+00	0.37602E+00	-0.84670E-01	0.27879E+00	-0.17854E-02
124	0.22500E+00	0.18621E+00	0.37802E+00	-0.96443E-01	0.27915E+00	-0.34792E-02
125	0.12696E+00	-0.52356E-02	0.30489E+00	-0.96273E-01	0.25673E+00	-0.25573E-01
126	0.26018E+00	0.21109E+00	0.39707E+00	-0.12154E+00	0.26707E+00	-0.28916E-02
127	0.26079E+00	0.21343E+00	0.39625E+00	-0.14142E+00	0.26778E+00	-0.43856E-02
128	0.25546E+00	0.11580E+00	0.37403E+00	-0.11783E+00	0.24852E+00	-0.28887E-01
129	0.45704E+00	0.34376E+00	0.51748E+00	-0.16915E+00	0.24255E+00	-0.14278E-02
183	0.11065E+00	-0.60373E-02	0.30107E+00	0.41405E-01	0.25859E+00	-0.52346E-01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.17174E-01	0.11449E+00	-0.97318E-01	-0.65188E+00	0.80997E+01	0.98319E+00
131	0.17434E-01	0.11622E+00	-0.98791E-01	0.34067E+01	0.15791E+02	0.55381E+01
132	0.19185E-01	0.12790E+00	-0.10872E+00	0.59459E+01	0.25151E+02	0.86814E+01
133	0.17956E-01	0.11970E+00	-0.10175E+00	0.87846E+01	0.34262E+02	0.11447E+02
134	0.29960E-01	0.19974E+00	-0.16977E+00	0.12070E+02	0.43060E+02	0.13413E+02
135	0.36484E-01	0.24323E+00	-0.20675E+00	0.13973E+02	0.48962E+02	0.14251E+02
136	0.33216E-01	0.22144E+00	-0.18822E+00	0.15956E+02	0.52020E+02	0.14023E+02
137	0.43196E-01	0.28798E+00	-0.24476E+00	0.17911E+02	0.54210E+02	0.14219E+02
138	-0.56245E-02	-0.37497E-01	0.85291E-01	0.19016E+02	0.82152E+02	0.14435E+02
139	-0.10279E+00	-0.68526E+00	0.80890E+00	0.21544E+02	0.13707E+03	0.16479E+02
140	-0.27688E+00	-0.18459E+01	0.15690E+01	0.25293E+02	0.16568E+03	0.17640E+02
141	-0.26000E+00	-0.17333E+01	0.14733E+01	0.27471E+02	0.16704E+03	0.19277E+02
142	-0.29828E+00	-0.19885E+01	0.16902E+01	0.29000E+02	0.16798E+03	0.19255E+02
143	-0.30192E+00	-0.20128E+01	0.17109E+01	0.73604E+00	0.16414E+03	0.37763E+02
144	-0.30135E+00	-0.20090E+01	0.17077E+01	0.15442E+01	0.16534E+03	0.40306E+02
145	0.30820E+00	0.20547E+01	0.44165E+00	-0.17305E+02	0.12652E+03	0.16966E+02
146	0.12261E+00	0.81740E+00	0.10065E+00	-0.22170E+02	0.91284E+02	-0.77209E+00
147	0.12228E+00	0.81523E+00	0.11218E+00	-0.18806E+02	0.91537E+02	0.33288E+00
148	0.12191E+00	0.81276E+00	-0.70966E-01	-0.20286E+02	0.91029E+02	0.96029E-01
149	0.12152E+00	0.81014E+00	-0.72679E-01	-0.25985E+02	0.89871E+02	-0.96408E+00
150	0.13453E+00	0.89687E+00	-0.28747E-01	-0.21000E+02	0.93621E+02	0.33461E+00
151	0.16077E+00	0.10716E+01	-0.62778E+00	-0.28378E+02	0.10381E+03	-0.47987E+00
152	0.16208E+00	0.10305E+01	-0.10340E+01	-0.23886E+02	0.10461E+03	-0.53536E-01
153	0.16399E+00	0.10933E+01	-0.94275E+00	-0.29613E+02	0.10579E+03	-0.52932E+00
154	0.16796E+00	0.11197E+01	-0.16102E+01	-0.30356E+02	0.10834E+03	0.12305E+01
155	0.17363E+00	0.11575E+01	-0.14488E+01	-0.29150E+02	0.11234E+03	0.22243E+01
156	0.17733E+00	0.11822E+01	-0.10103E+01	-0.29267E+02	0.11481E+03	0.31491E+01
157	0.17937E+00	0.11958E+01	-0.95979E+00	-0.28495E+02	0.11629E+03	0.42783E+01
158	0.17993E+00	0.11996E+01	-0.58494E+00	-0.27495E+02	0.11682E+03	0.53175E+01
159	0.17926E+00	0.11951E+01	-0.62020E+00	-0.25301E+02	0.11670E+03	0.66375E+01
160	0.17749E+00	0.11833E+01	-0.29186E+00	-0.23278E+02	0.11581E+03	0.78240E+01
161	0.19229E+00	0.12819E+01	-0.22094E+00	-0.21905E+02	0.11776E+03	0.90434E+01
162	0.19186E+00	0.12791E+01	0.37839E+00	-0.19480E+02	0.11042E+03	0.97446E+01
163	0.21553E+00	0.14376E+01	0.41842E+00	-0.14377E+02	0.12523E+03	0.93127E+01
164	0.20787E+00	0.13859E+01	0.31225E+00	-0.20854E+02	0.11968E+03	0.10346E+02

165	0.12480E+03	0.17059E+02	0.16571E+01	0.84573E+01	0.12123E+03	0.95770E+01
166	0.10229E+03	0.12733E+02	0.26602E+01	0.66136E+01	0.11207E+03	0.80738E+01
167	0.81371E+02	0.95065E+01	0.26697E+01	0.54992E+01	0.95109E+02	0.68303E+01
168	0.62157E+02	0.69832E+01	0.23451E+01	0.43896E+01	0.77820E+02	0.57663E+01
169	0.39188E+02	0.32654E+01	0.25839E+01	0.33366E+01	0.65714E+02	0.45650E+01
170	0.16239E+02	-0.92741E+00	0.32933E+01	0.21455E+01	0.57208E+02	0.32053E+01
171	-0.66673E+01	-0.48432E+01	0.36804E+01	0.55860E+00	0.42010E+02	0.13775E+01
172	-0.20315E+02	-0.65863E+01	0.33156E+01	-0.10545E+01	0.22298E+02	-0.43401E+00
173	-0.20280E+02	-0.52879E+01	0.20471E+01	-0.19756E+01	0.58641E+01	-0.14561E+01
174	-0.11304E+02	-0.25005E+01	0.68341E+00	-0.22242E+01	-0.52507E+01	-0.17157E+01
175	-0.25510E+01	-0.33695E+00	-0.77938E-01	-0.16940E+01	-0.63402E+01	-0.12695E+01
176	0.36572E+00	0.16707E+00	-0.12132E+00	-0.11696E+01	-0.37865E+01	-0.80139E+00
177	0.34769E+00	0.84745E-01	-0.41233E-01	-0.83490E+00	-0.22462E+01	-0.53659E+00
178	0.32370E-01	0.14603E-01	-0.15657E-01	-0.60161E+00	-0.14202E+01	-0.38229E+00
179	0.36124E-01	0.85016E-02	-0.80209E-02	-0.42569E+00	-0.99495E+00	-0.26397E+00
180	-0.93008E-02	-0.85849E-02	0.39860E-02	-0.26327E+00	-0.60622E+00	-0.15871E+00
181	-0.29248E-02	0.88780E-02	-0.98397E-02	-0.89529E-01	-0.29014E+00	-0.40154E-01
182	-0.13247E-01	-0.61580E-02	0.36269E-02	0.14443E-01	0.99300E-01	0.21431E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.49786E-01	-0.59521E-04	-0.50384E-01	0.00000E+00
3	0.93772E-01	0.12894E-03	-0.93697E-01	0.00000E+00
4	0.10506E+00	0.13740E-03	-0.10459E+00	0.00000E+00
5	0.12057E+00	-0.40807E-04	-0.12052E+00	0.00000E+00
6	0.13129E+00	0.13495E-04	-0.13130E+00	0.00000E+00
7	0.12070E+00	0.12385E-02	-0.12089E+00	0.00000E+00
8	0.13165E+00	0.11221E-02	-0.13182E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.49320E-01	0.66571E-03	-0.49338E-01	0.00000E+00
11	0.92905E-01	0.15398E-02	-0.93193E-01	0.00000E+00
12	0.10443E+00	0.19046E-02	-0.10490E+00	0.00000E+00
13	0.12093E+00	0.19707E-02	-0.12146E+00	0.00000E+00
14	0.13244E+00	0.18769E-02	-0.13324E+00	0.00000E+00
15	0.12173E+00	0.34262E-02	-0.12349E+00	0.00000E+00
16	0.13378E+00	0.30716E-02	-0.13564E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.48260E-01	0.13212E-02	-0.49659E-01	0.00000E+00
19	0.92249E-01	0.32468E-02	-0.94596E-01	0.00000E+00
20	0.10456E+00	0.40882E-02	-0.10709E+00	0.00000E+00
21	0.12256E+00	0.42807E-02	-0.12547E+00	0.00000E+00
22	0.13572E+00	0.40545E-02	-0.13913E+00	0.00000E+00
23	0.12376E+00	0.61558E-02	-0.12845E+00	0.00000E+00
24	0.13834E+00	0.56370E-02	-0.14390E+00	0.00000E+00
25	0.13991E+00	0.71194E-02	-0.14683E+00	0.00000E+00
26	0.14085E+00	0.75849E-02	-0.14858E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.46521E-01	0.14957E-02	-0.49048E-01	0.00000E+00
29	0.90279E-01	0.41347E-02	-0.94643E-01	0.00000E+00
30	0.10360E+00	0.56582E-02	-0.10839E+00	0.00000E+00
31	0.12396E+00	0.72658E-02	-0.13074E+00	0.00000E+00
32	0.14178E+00	0.79860E-02	-0.15042E+00	0.00000E+00
33	0.12382E+00	0.75358E-02	-0.13120E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.45915E-01	0.12663E-02	-0.48481E-01	0.00000E+00
36	0.89390E-01	0.36315E-02	-0.93787E-01	0.00000E+00
37	0.10277E+00	0.50341E-02	-0.10742E+00	0.00000E+00
38	0.12366E+00	0.69296E-02	-0.13112E+00	0.00000E+00
39	0.14302E+00	0.83646E-02	-0.15332E+00	0.00000E+00
40	0.14277E+00	0.83427E-02	-0.15270E+00	0.00000E+00
41	0.14252E+00	0.83201E-02	-0.15210E+00	0.00000E+00
42	0.14225E+00	0.82749E-02	-0.15138E+00	0.00000E+00
43	0.10116E+00	0.35514E-02	-0.10360E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.43730E-01	0.56337E-03	-0.44690E-01	0.00000E+00
46	0.85900E-01	0.19323E-02	-0.86341E-01	0.00000E+00
47	0.14308E+00	0.83646E-02	-0.15351E+00	0.00000E+00
48	0.14310E+00	0.83654E-02	-0.15353E+00	0.00000E+00
49	0.12355E+00	0.67056E-02	-0.13087E+00	0.00000E+00
50	0.14319E+00	0.84289E-02	-0.15394E+00	0.00000E+00
51	0.12160E+00	0.51733E-02	-0.12467E+00	0.00000E+00
52	0.13987E+00	0.85044E-02	-0.14344E+00	0.00000E+00
53	0.14303E+00	0.83391E-02	-0.15345E+00	0.00000E+00
54	0.98727E-01	0.30475E-02	-0.98622E-01	0.00000E+00
55	0.11856E+00	0.48314E-02	-0.11796E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.41344E-01	-0.36646E-03	-0.39562E-01	0.00000E+00
58	0.81394E-01	0.84276E-03	-0.77071E-01	0.00000E+00
59	0.13489E+00	0.70247E-02	-0.13384E+00	0.00000E+00
60	0.13846E+00	0.80782E-02	-0.14037E+00	0.00000E+00
61	0.14321E+00	0.84724E-02	-0.15420E+00	0.00000E+00
62	0.93635E-01	0.14065E-02	-0.88016E-01	0.00000E+00
63	0.11160E+00	0.27328E-02	-0.10424E+00	0.00000E+00
64	0.14074E+00	0.86365E-02	-0.14454E+00	0.00000E+00
65	0.14324E+00	0.85140E-02	-0.15445E+00	0.00000E+00
66	0.14344E+00	0.85962E-02	-0.15496E+00	0.00000E+00
67	0.14365E+00	0.86786E-02	-0.15547E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.39494E-01	-0.59093E-03	-0.34352E-01	0.00000E+00
70	0.76499E-01	-0.90352E-03	-0.66580E-01	0.00000E+00
71	0.12790E+00	0.42238E-02	-0.11893E+00	0.00000E+00
72	0.14103E+00	0.87644E-02	-0.14306E+00	0.00000E+00
73	0.10464E+00	0.22064E-03	-0.90044E-01	0.00000E+00
74	0.14552E+00	0.93741E-02	-0.14748E+00	0.00000E+00
75	0.14382E+00	0.87439E-02	-0.15595E+00	0.00000E+00
76	0.14492E+00	0.88618E-02	-0.15680E+00	0.00000E+00
77	0.11937E+00	0.16019E-02	-0.10172E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.37966E-01	-0.13393E-02	-0.29942E-01	0.00000E+00
80	0.72092E-01	-0.21915E-02	-0.56190E-01	0.00000E+00
81	0.81613E-01	-0.25464E-02	-0.63503E-01	0.00000E+00
82	0.96761E-01	-0.17861E-02	-0.74298E-01	0.00000E+00
83	0.14257E+00	0.63195E-02	-0.13220E+00	0.00000E+00
84	0.12628E+00	0.14655E-02	-0.98688E-01	0.00000E+00
85	0.14724E+00	0.90153E-02	-0.15792E+00	0.00000E+00
86	0.15052E+00	0.97119E-02	-0.15244E+00	0.00000E+00
87	0.11037E+00	-0.82238E-03	-0.84306E-01	0.00000E+00
88	0.14783E+00	0.82255E-02	-0.14290E+00	0.00000E+00
89	0.14932E+00	0.91498E-02	-0.15899E+00	0.00000E+00
90	0.82265E-01	-0.15038E-02	-0.47065E-01	0.00000E+00
91	0.89865E-01	-0.65908E-03	-0.50216E-01	0.00000E+00
92	0.94984E-01	0.19310E-03	-0.52391E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.30155E-01	0.00000E+00	-0.93487E-02	0.00000E+00
95	0.56102E-01	0.00000E+00	-0.17977E-01	0.00000E+00
96	0.62513E-01	0.00000E+00	-0.20146E-01	0.00000E+00
97	0.70754E-01	0.00000E+00	-0.23575E-01	0.00000E+00
98	0.74235E-01	0.00000E+00	-0.25019E-01	0.00000E+00
99	0.80890E-01	-0.62860E-03	-0.37660E-01	0.00000E+00
100	0.10248E+00	0.61933E-03	-0.60926E-01	0.00000E+00
101	0.13934E+00	0.42625E-02	-0.10575E+00	0.00000E+00
102	0.15480E+00	0.93146E-02	-0.16054E+00	0.00000E+00
103	0.15111E+00	0.77279E-02	-0.13916E+00	0.00000E+00
104	0.15887E+00	0.10326E-01	-0.15868E+00	0.00000E+00
105	0.15934E+00	0.94621E-02	-0.16194E+00	0.00000E+00
106	0.15715E+00	0.90040E-02	-0.14378E+00	0.00000E+00
107	0.16520E+00	0.11060E-01	-0.16306E+00	0.00000E+00
108	0.16323E+00	0.95638E-02	-0.16320E+00	0.00000E+00
109	0.16634E+00	0.96419E-02	-0.16425E+00	0.00000E+00
110	0.16536E+00	0.11051E-01	-0.14663E+00	0.00000E+00
111	0.16999E+00	0.11865E-01	-0.16615E+00	0.00000E+00
112	0.16894E+00	0.96891E-02	-0.16511E+00	0.00000E+00
113	0.16807E+00	0.11169E-01	-0.15341E+00	0.00000E+00
114	0.17077E+00	0.96976E-02	-0.16573E+00	0.00000E+00
115	0.17205E+00	0.96860E-02	-0.16614E+00	0.00000E+00
116	0.17254E+00	0.96554E-02	-0.16625E+00	0.00000E+00

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117	0.17188E+00	0.12079E-01	-0.16711E+00	0.00000E+00
118	0.17266E+00	0.96362E-02	-0.16623E+00	0.00000E+00
119	0.17259E+00	0.95869E-02	-0.16605E+00	0.00000E+00
120	0.17283E+00	0.12226E-01	-0.16740E+00	0.00000E+00
121	0.17240E+00	0.95113E-02	-0.16574E+00	0.00000E+00
122	0.17239E+00	0.94389E-02	-0.16584E+00	0.17951E-04
123	0.17234E+00	0.92808E-02	-0.16591E+00	0.32995E-04
124	0.17224E+00	0.90220E-02	-0.16598E+00	0.51309E-04
125	0.17207E+00	0.86335E-02	-0.16604E+00	0.75446E-04
126	0.17162E+00	0.76773E-02	-0.16615E+00	0.11069E-03
127	0.17105E+00	0.64645E-02	-0.16625E+00	0.12763E-03
128	0.16978E+00	0.36158E-02	-0.16645E+00	0.12302E-03
129	0.16877E+00	0.11966E-02	-0.16664E+00	0.94055E-04
130	0.16804E+00	-0.69981E-03	-0.16684E+00	0.52460E-04
131	0.16775E+00	-0.16638E-02	-0.16716E+00	-0.21684E-05
132	0.16799E+00	-0.93112E-03	-0.16745E+00	-0.22986E-04
133	0.16828E+00	-0.48953E-05	-0.16773E+00	-0.18244E-04
134	0.16840E+00	0.44553E-03	-0.16796E+00	-0.42595E-05
135	0.16841E+00	0.34130E-03	-0.16816E+00	0.38142E-05
136	0.16841E+00	0.18261E-03	-0.16829E+00	0.14517E-05
137	0.16842E+00	0.89199E-04	-0.16838E+00	0.13180E-05
138	0.16842E+00	0.75618E-05	-0.16842E+00	0.18380E-06
139	0.16842E+00	0.13406E-05	-0.16842E+00	0.12934E-05

000453

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5700E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.52677E-01	0.57029E-01	-0.64067E-01	0.60842E+01	0.63456E-01	-0.61172E+01
2	-0.17210E+00	0.59543E-01	-0.13356E+00	0.54331E+01	0.90853E-01	-0.54138E+01
3	-0.32217E+00	0.42769E-01	-0.12827E+00	0.44248E+01	0.32007E-01	-0.44285E+01
4	0.21483E+00	0.91508E-01	0.28423E+00	0.35917E+01	-0.12432E+00	-0.36913E+01
5	-0.19997E+00	0.74623E-02	-0.11121E+00	0.36158E+01	-0.15712E-01	-0.36941E+01
6	0.13980E+00	0.53477E-01	-0.31454E-01	0.37074E+01	-0.60182E-01	-0.37718E+01
7	0.11205E+00	0.69616E-02	-0.32898E-01	0.26456E+01	-0.52278E-01	-0.26414E+01
8	0.26184E+00	0.28348E-01	-0.26093E-01	0.26513E+01	-0.12872E+00	-0.27315E+01
9	0.17073E+00	0.49451E+00	0.21559E+00	0.59883E+01	0.57558E-02	-0.60751E+01
10	0.64880E-01	0.55813E+00	0.11280E+00	0.54420E+01	-0.14326E-01	-0.55124E+01
11	-0.25097E-01	0.49733E+00	-0.23180E+00	0.46669E+01	-0.13083E+00	-0.47129E+01
12	0.63915E+00	0.37878E+00	0.20765E+00	0.38379E+01	-0.29603E+00	-0.37754E+01
13	0.53776E-01	0.22191E+00	-0.15581E+00	0.39319E+01	-0.10197E+00	-0.39796E+01
14	0.53718E+00	0.37253E+00	0.52237E-01	0.40540E+01	-0.23902E+00	-0.41760E+01
15	0.59811E+00	0.11214E+00	0.34000E-01	0.23791E+01	-0.31139E+00	-0.23674E+01
16	0.72342E+00	0.94073E-01	-0.32658E-01	0.29904E+01	-0.36569E+00	-0.30830E+01
17	0.17585E+00	0.65116E+00	0.24706E+00	0.57988E+01	0.52916E-01	-0.60536E+01
18	-0.46753E-01	0.79062E+00	0.70657E-01	0.54023E+01	0.10228E+00	-0.56102E+01
19	-0.44345E+00	0.86534E+00	-0.42974E+00	0.48837E+01	0.11248E+00	-0.50734E+01
20	0.90769E+00	0.55637E+00	0.19131E+00	0.42383E+01	-0.39592E+00	-0.41841E+01
21	0.30088E-01	0.76162E+00	-0.87649E-01	0.44030E+01	0.28614E-01	-0.46786E+01
22	0.91394E+00	0.15408E+01	0.49981E+00	0.46067E+01	-0.23059E+00	-0.50434E+01
23	0.10731E+01	0.21535E+00	0.49702E-01	0.34205E+01	-0.53225E+00	-0.34642E+01
24	0.21368E+01	0.77017E+00	0.60267E+00	0.38026E+01	-0.86025E+00	-0.36835E+01
25	0.10824E+01	0.80217E+00	0.16138E+00	0.39042E+01	-0.46970E+00	-0.41878E+01
26	0.35172E+01	0.25700E+01	0.17779E+01	0.42677E+01	-0.10257E+01	-0.46427E+01
27	0.11740E+00	0.60003E+00	0.20115E+00	0.56214E+01	0.98512E-01	-0.59767E+01
28	-0.18342E+00	0.75594E+00	0.75723E-02	0.52433E+01	0.25363E+00	-0.56184E+01
29	-0.95963E+00	0.93364E+00	-0.57750E+00	0.46257E+01	0.65685E+00	-0.52429E+01
30	0.18359E+00	0.10356E+01	-0.32734E-01	0.45579E+01	-0.61804E-01	-0.50420E+01
31	-0.12879E+00	0.12928E+01	0.19170E-01	0.42976E+01	0.43473E+00	-0.52233E+01
32	0.36666E+00	0.13752E+01	0.19646E+00	0.41670E+01	0.22619E+00	-0.53129E+01
33	0.25995E+01	0.20569E+01	0.12065E+01	0.44139E+01	-0.66900E+00	-0.48715E+01
34	0.60220E+01	0.43121E+01	0.34364E+01	0.45334E+01	-0.13655E+01	-0.52616E+01
35	0.15084E+01	0.12986E+01	0.41628E+00	0.45296E+01	-0.45638E+00	-0.52584E+01
36	-0.40778E+00	0.31382E+00	-0.67831E+00	0.42235E+01	0.27635E+00	-0.53961E+01
37	0.21369E+01	0.22465E+01	0.10455E+01	0.46865E+01	-0.48912E+00	-0.55610E+01
38	-0.31452E-01	0.29527E+00	0.36908E-01	0.54536E+01	0.15017E+00	-0.57028E+01
39	-0.44460E+00	0.40935E+00	-0.12941E+00	0.51498E+01	0.43483E+00	-0.53504E+01
40	-0.10636E+01	0.87077E+00	-0.49080E+00	0.44913E+01	0.12363E+01	-0.51761E+01
41	-0.14315E+01	0.11061E+00	-0.64499E+00	0.47159E+01	0.11390E+01	-0.50843E+01
42	-0.18195E+01	0.35933E+00	-0.52476E+00	0.45618E+01	0.14295E+01	-0.46055E+01
43	-0.35939E+00	0.67541E+00	-0.35042E+00	0.42473E+01	0.72162E+00	-0.53198E+01
44	-0.11416E+01	0.27138E+00	-0.63953E+00	0.41509E+01	0.12317E+01	-0.46897E+01
45	-0.17590E+01	-0.49957E-01	-0.82566E+00	0.43729E+01	0.11477E+01	-0.46651E+01
46	-0.91695E+00	0.66062E+00	-0.13713E+00	0.42141E+01	0.83734E+00	-0.42712E+01
47	0.52981E+00	0.12900E+01	0.82297E-01	0.44423E+01	0.18140E+00	-0.56066E+01
48	0.24389E+00	0.11538E+01	-0.14253E+00	0.46988E+01	0.33898E+00	-0.56580E+01
49	-0.46793E+00	0.99423E+00	-0.34900E+00	0.45901E+01	0.98610E+00	-0.59377E+01
50	-0.42032E+01	-0.57923E+00	-0.22971E+01	0.39215E+01	0.27342E+01	-0.42427E+01
51	-0.92844E+00	-0.53705E+00	-0.13775E+01	0.18561E+00	0.37032E+00	-0.11193E+01
52	-0.23687E+01	-0.10522E+01	-0.19994E+01	-0.14020E+01	0.14872E+01	0.42671E+01
53	-0.16249E+01	0.81564E+00	-0.37412E+00	0.35672E+01	0.12974E+01	-0.37809E+01
54	-0.46402E+00	-0.26501E+00	-0.28272E+00	0.51649E+01	0.18485E+00	-0.51495E+01

000454

0622

55	-0.31530E+00	-0.72170E-02	-0.27155E+00	0.49506E+01	0.50975E+00	-0.43490E+01
56	-0.18891E+01	0.13444E+00	-0.33338E+00	0.43961E+01	0.13834E+01	-0.43140E+01
57	-0.15354E+01	0.18211E+00	-0.36640E+00	0.39331E+01	0.99150E+00	-0.39081E+01
58	-0.17010E+01	0.30583E+00	-0.32831E+00	0.33220E+01	0.11587E+01	-0.33974E+01
59	-0.14793E+00	-0.23751E+00	-0.13232E+00	0.50532E+01	-0.78061E-02	-0.43338E+01
60	-0.98839E+00	-0.86152E+00	-0.65982E+00	0.48106E+01	0.35343E+00	-0.41946E+01
61	-0.76553E+00	-0.68589E+00	-0.44362E+00	0.47722E+01	0.27451E+00	-0.41914E+01
62	-0.54126E+00	-0.86864E+00	-0.48452E+00	0.46403E+01	-0.23373E-01	-0.36548E+01
63	-0.99468E+00	-0.39044E+00	-0.36497E+00	0.46367E+01	0.50816E+00	-0.42584E+01
64	-0.11666E+01	-0.87376E+00	-0.51950E+00	0.42722E+01	0.43674E+00	-0.35598E+01
65	-0.19407E+01	-0.89872E-01	-0.15665E+00	0.42332E+01	0.13646E+01	-0.40250E+01
66	-0.24536E+01	-0.47395E+00	-0.18941E+00	0.38264E+01	0.15327E+01	-0.33498E+01
67	-0.19892E+01	-0.95684E+00	-0.72398E-01	0.33755E+01	0.12118E+01	-0.26416E+01
68	-0.19019E+01	-0.12111E+00	-0.40944E+00	0.36748E+01	0.10880E+01	-0.35389E+01
69	-0.16773E+01	-0.31035E+00	-0.29614E+00	0.34935E+01	0.88403E+00	-0.30908E+01
70	-0.25128E+01	-0.81755E+00	-0.68428E+00	0.30648E+01	0.11333E+01	-0.25217E+01
71	-0.20508E+01	-0.85830E-01	-0.34177E+00	0.31590E+01	0.11781E+01	-0.28833E+01
72	-0.23339E+01	-0.36324E+00	-0.35244E+00	0.28787E+01	0.11773E+01	-0.23461E+01
73	-0.52834E+00	-0.54882E+00	-0.27081E+00	0.41752E+01	0.13161E+00	-0.25984E+01
74	-0.86030E+00	-0.52810E+00	-0.95370E-01	0.37035E+01	0.37477E+00	-0.21243E+01
75	-0.16798E+01	-0.51595E+00	0.52389E+00	0.30446E+01	0.10406E+01	-0.17195E+01
76	-0.20006E+01	-0.41481E+00	-0.18959E+00	0.32509E+01	0.90272E+00	-0.23176E+01
77	-0.15107E+01	-0.77427E+00	-0.75243E-01	0.22438E+01	0.63986E+00	-0.11229E+01
78	-0.16305E+01	-0.63272E+00	0.48529E-01	0.18506E+01	0.67730E+00	-0.73884E+00
79	-0.24704E+01	-0.56158E+00	-0.30520E+00	0.23078E+01	0.10045E+01	-0.14130E+01
80	-0.28267E+01	-0.79856E+00	-0.45089E+00	0.16495E+01	0.80577E+00	-0.67424E+00
81	-0.14247E+01	-0.35284E+00	0.28262E+00	0.93441E+00	0.66305E+00	-0.33801E+00
82	-0.17460E+01	-0.67004E+00	0.70878E-01	0.81626E+00	0.65912E+00	-0.31135E+00
83	-0.25226E+01	-0.38707E+00	-0.10208E+00	0.14247E+01	0.78343E+00	-0.60084E+00
84	-0.30240E+01	-0.68273E+00	-0.43047E+00	0.15699E+01	0.11139E+01	-0.65832E+00
85	-0.33747E+01	-0.40945E+00	-0.50781E+00	0.21873E+01	0.13453E+01	-0.14608E+01
86	-0.33562E+01	-0.45026E+00	-0.42076E+00	0.17306E+01	0.13110E+01	-0.98050E+00
87	-0.23543E+01	-0.23894E+00	-0.18879E+00	0.22389E+01	0.12058E+01	-0.16140E+01
88	-0.24192E+01	-0.88475E-01	-0.34016E+00	0.24005E+01	0.14023E+01	-0.22150E+01
89	-0.25936E+01	-0.12614E+00	-0.39184E+00	0.20592E+01	0.15053E+01	-0.19630E+01
90	-0.28993E+01	-0.22683E+00	-0.31903E+00	0.15143E+01	0.16009E+01	-0.10174E+01
91	-0.30342E+01	-0.47948E+00	-0.58380E+00	0.13874E+01	0.16968E+01	-0.13543E+01
92	-0.30358E+01	-0.52955E+00	-0.53780E+00	0.10412E+01	0.16730E+01	-0.88361E+00
93	-0.19532E+01	0.11478E+01	-0.38107E+00	0.25435E+01	0.14967E+01	-0.30872E+01
94	-0.21184E+01	0.13303E+00	-0.70940E+00	0.25765E+01	0.13355E+01	-0.29748E+01
95	-0.14970E+01	-0.53063E+00	-0.79023E+00	0.18401E+01	0.12227E+01	-0.22054E+01
96	-0.18642E+01	0.12065E+00	-0.41088E+00	0.25949E+01	0.12333E+01	-0.25959E+01
97	-0.13196E+01	-0.29502E+00	-0.58235E+00	0.20714E+01	0.12074E+01	-0.18918E+01
98	-0.15778E+01	-0.15039E+00	-0.38769E+00	0.18050E+01	0.11145E+01	-0.18740E+01
99	-0.16979E+01	-0.34902E+00	-0.99652E-01	0.20810E+01	0.11462E+01	-0.20142E+01
100	-0.13596E+01	0.17611E+00	-0.10528E+00	0.15291E+01	0.10841E+01	-0.13992E+01
101	-0.16392E+01	-0.19335E+00	-0.37116E+00	0.11681E+01	0.10789E+01	-0.10503E+01
102	-0.11956E+01	0.26356E+00	0.23685E+00	0.11916E+01	0.10239E+01	-0.10030E+01
103	-0.90465E+00	-0.19897E+00	0.26960E-02	0.44128E+00	0.90198E+00	-0.50000E+00
104	-0.95607E+00	-0.29779E+00	-0.27021E-01	0.14928E+00	0.89113E+00	-0.30736E+00
105	-0.22059E+01	0.28635E+00	-0.94873E+00	0.22399E+01	0.18543E+01	-0.28889E+01
106	-0.35601E+01	-0.20325E+01	-0.28410E+01	0.12747E+00	0.20371E+01	-0.13320E+01
107	-0.26698E+01	-0.12192E+01	-0.20720E+01	0.11686E+01	0.19398E+01	-0.20603E+01
108	-0.22104E+01	-0.10786E+01	-0.18095E+01	0.12093E+01	0.18378E+01	-0.20695E+01
109	-0.21029E+01	-0.10913E+01	-0.18750E+01	0.46674E+00	0.18241E+01	-0.13368E+01
110	-0.32423E+00	0.43648E+00	-0.43378E+00	0.17516E+01	0.16445E+01	-0.21341E+01
111	0.12260E+00	0.21635E+00	-0.47596E+00	0.12596E+01	0.14802E+01	-0.11492E+01
112	0.15936E+00	0.24710E+00	-0.41465E+00	0.19564E+01	0.14680E+01	-0.11364E+01
113	0.71783E+00	0.78233E+00	0.27737E+00	0.21033E+01	0.11929E+01	-0.22347E+01
114	0.65861E+00	0.55391E+00	-0.39063E-01	0.17678E+01	0.10753E+01	-0.11094E+01

451

5625

000455

115	0.74454E+00	0.59377E+00	0.12991E+00	0.30442E+01	0.10338E+01	-0.10739E+01
116	0.34162E+00	0.70343E+00	0.25258E+00	0.23585E+01	0.73346E+00	-0.19244E+01
117	-0.33436E+00	-0.47994E-01	-0.34471E+00	0.25752E+01	0.50970E+00	-0.10040E+01
118	-0.23937E+00	-0.24952E-02	-0.15267E+00	0.22235E+01	0.46119E+00	-0.92590E+00
119	-0.93574E-01	0.62166E+00	0.26164E+00	0.18571E+01	0.29579E+00	-0.14310E+01
120	-0.61455E+00	-0.22076E+00	-0.23352E+00	0.19785E+01	0.12483E+00	-0.82522E+00
121	-0.55359E+00	-0.19553E+00	-0.10915E+00	0.15963E+01	0.92967E-01	-0.72226E+00
122	0.95045E-01	0.69308E+00	0.61287E+00	0.15371E+01	-0.94278E-02	-0.10951E+01
123	-0.18962E+00	0.31318E-01	0.23565E+00	0.12886E+01	-0.16351E+00	-0.60011E+00
124	-0.16236E+00	0.36856E-01	0.29829E+00	0.99292E+00	-0.18119E+00	-0.48033E+00
125	-0.22551E+00	0.19566E+00	0.31011E+00	0.82121E+00	-0.18243E+00	-0.52674E+00
126	-0.11073E+00	0.62454E-01	0.33280E+00	0.64124E+00	-0.26049E+00	-0.32702E+00
127	-0.11058E+00	0.54134E-01	0.39148E+00	0.35172E+00	-0.26476E+00	-0.23774E+00
128	0.33506E+00	0.44133E+00	0.70758E+00	0.46147E+00	-0.29357E+00	-0.26147E+00
129	0.80870E+00	0.61156E+00	0.10068E+01	0.26415E+00	-0.38133E+00	-0.96671E-01
130	-0.26140E+01	0.57575E+00	-0.99880E+00	0.36944E+01	0.19619E+01	-0.42323E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.58569E+00	-0.39046E+01	0.33189E+01	0.62505E+02	-0.22997E+02	-0.28391E+02
131	-0.46291E-01	-0.30861E+00	0.26232E+00	0.14130E+03	-0.38251E+02	-0.87750E+02
132	-0.16826E+00	-0.11219E+01	0.95361E+00	0.23684E+03	-0.62458E+02	-0.15025E+03
133	-0.68355E-01	-0.45570E+00	0.38735E+00	0.34469E+03	-0.87447E+02	-0.21976E+03
134	-0.15111E+00	-0.10074E+01	0.85627E+00	0.46667E+03	-0.11403E+03	-0.30225E+03
135	-0.32280E+00	-0.21520E+01	0.18292E+01	0.55907E+03	-0.13554E+03	-0.37567E+03
136	-0.12480E+00	-0.83199E+00	0.70719E+00	0.63503E+03	-0.14483E+03	-0.42597E+03
137	-0.85283E-01	-0.56855E+00	0.48327E+00	0.62450E+03	-0.16257E+03	-0.44855E+03
138	-0.60941E+00	-0.40627E+01	0.27840E+01	0.64202E+03	-0.30619E+03	-0.48375E+03
139	0.36308E+00	0.24205E+01	-0.44481E+01	0.61956E+03	-0.59426E+03	-0.51188E+03
140	0.23583E+01	0.15722E+02	-0.13364E+02	0.79257E+03	-0.71954E+03	-0.58008E+03
141	0.22617E+01	0.15078E+02	-0.12816E+02	0.79095E+03	-0.73098E+03	-0.61828E+03
142	0.25915E+01	0.17277E+02	-0.14685E+02	0.82954E+03	-0.73324E+03	-0.65593E+03
143	0.26615E+01	0.17744E+02	-0.15082E+02	-0.31354E+03	-0.90333E+03	0.48920E+03
144	0.29951E+01	0.19967E+02	-0.16972E+02	-0.30863E+03	-0.88345E+03	0.45553E+03
145	-0.16500E+01	-0.11000E+02	0.53863E+01	0.23560E+03	-0.65591E+03	0.11819E+04
146	-0.67743E+00	-0.45162E+01	0.50713E+01	0.26468E+03	-0.48302E+03	0.10440E+04
147	-0.69167E+00	-0.46112E+01	0.49731E+01	0.24733E+03	-0.49662E+03	0.10262E+04
148	-0.70811E+00	-0.47207E+01	-0.14993E+01	0.24206E+03	-0.51009E+03	0.10290E+04
149	-0.72719E+00	-0.48479E+01	-0.14048E+01	0.24049E+03	-0.52504E+03	0.10497E+04
150	-0.82913E+00	-0.55279E+01	-0.65234E+00	0.17652E+03	-0.56997E+03	0.10180E+04
151	-0.99379E+00	-0.66253E+01	-0.23100E+02	0.16791E+03	-0.64281E+03	0.10429E+04
152	-0.93355E+00	-0.62243E+01	-0.41465E+02	0.16773E+03	-0.60242E+03	0.10326E+04
153	-0.84214E+00	-0.56143E+01	-0.36637E+02	0.14457E+03	-0.54438E+03	0.10071E+04
154	-0.63771E+00	-0.42514E+01	-0.70370E+02	0.12323E+03	-0.41017E+03	0.97644E+03
155	-0.34507E+00	-0.23005E+01	-0.57704E+02	0.13350E+03	-0.21192E+03	0.91039E+03
156	-0.10621E+00	-0.70805E+00	-0.49199E+02	0.10572E+03	-0.55531E+02	0.84122E+03
157	0.88102E-01	0.58735E+00	-0.39155E+02	0.98561E+02	0.74004E+02	0.74590E+03
158	0.24499E+00	0.16332E+01	-0.32677E+02	0.79383E+02	0.17658E+03	0.65382E+03
159	0.35687E+00	0.24458E+01	-0.23097E+02	0.47600E+02	0.25374E+03	0.53808E+03
160	0.45395E+00	0.30262E+01	-0.16403E+02	0.33578E+02	0.31016E+03	0.43029E+03
161	0.56256E+00	0.37504E+01	-0.64348E+01	0.18109E+02	0.35685E+03	0.30023E+03
162	0.59650E+00	0.39767E+01	-0.94778E+00	0.10601E+02	0.35399E+03	0.20738E+03
163	0.69702E+00	0.46458E+01	0.24795E+00	-0.14202E+02	0.40965E+03	0.14364E+03
164	0.70926E+00	0.47290E+01	0.16244E+01	-0.34531E+02	0.41380E+03	0.92438E+02

5822

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165	0.38774E+03	0.62794E+02	-0.31953E+01	0.18290E+02	0.42546E+03	0.69168E+02
166	0.31700E+03	0.47475E+02	0.14902E+01	0.13282E+02	0.39690E+03	0.63769E+02
167	0.25384E+03	0.35069E+02	0.37733E+01	0.10407E+02	0.34066E+03	0.59325E+02
168	0.19635E+03	0.25446E+02	0.45682E+01	0.75145E+01	0.28267E+03	0.55599E+02
169	0.12844E+03	0.13617E+02	0.59933E+01	0.48941E+01	0.24491E+03	0.51466E+02
170	0.60916E+02	0.10821E+01	0.82789E+01	0.19249E+01	0.22289E+03	0.46714E+02
171	-0.92673E+01	-0.11112E+02	0.96753E+01	-0.20770E+01	0.18171E+03	0.39957E+02
172	-0.50794E+02	-0.16782E+02	0.89262E+01	-0.61691E+01	0.12647E+03	0.32473E+02
173	-0.52932E+02	-0.13793E+02	0.36077E+01	-0.84512E+01	0.75696E+02	0.26987E+02
174	-0.34392E+02	-0.69575E+01	0.17098E+01	-0.89071E+01	0.37959E+02	0.22740E+02
175	-0.85495E+01	-0.51814E+00	-0.66365E+00	-0.69971E+01	0.24107E+02	0.20278E+02
176	0.14955E+01	0.12557E+01	-0.89757E+00	-0.50571E+01	0.26174E+02	0.18577E+02
177	0.32791E+01	0.10413E+01	-0.46270E+00	-0.34018E+01	0.27649E+02	0.15220E+02
178	0.13507E+01	0.18226E+00	0.34214E-01	-0.22852E+01	0.20872E+02	0.11028E+02
179	-0.41407E+00	-0.16385E+00	0.10061E+00	-0.19645E+01	0.14778E+02	0.77547E+01
180	-0.24815E-01	-0.49397E-01	0.45082E-01	-0.15287E+01	0.86420E+01	0.46711E+01
181	-0.12850E+00	-0.14505E+00	0.11229E+00	-0.12846E+01	0.39482E+01	0.16195E+01
182	0.49022E+00	0.22768E+00	-0.13406E+00	-0.47358E+00	-0.94315E+00	-0.62981E-01

000457

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5800E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.69140E-01	0.90650E-04	0.69879E-01	0.00000E+00
3	-0.13025E+00	-0.13310E-03	0.13015E+00	0.00000E+00
4	-0.14599E+00	-0.15024E-03	0.14542E+00	0.00000E+00
5	-0.16773E+00	0.59029E-04	0.16767E+00	0.00000E+00
6	-0.18285E+00	-0.18077E-04	0.18286E+00	0.00000E+00
7	-0.16793E+00	-0.16464E-02	0.16819E+00	0.00000E+00
8	-0.18335E+00	-0.14693E-02	0.18358E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.68556E-01	-0.92451E-03	0.68586E-01	0.00000E+00
11	-0.12916E+00	-0.20931E-02	0.12956E+00	0.00000E+00
12	-0.14524E+00	-0.25763E-02	0.14588E+00	0.00000E+00
13	-0.16830E+00	-0.26397E-02	0.16900E+00	0.00000E+00
14	-0.18448E+00	-0.24842E-02	0.18555E+00	0.00000E+00
15	-0.16945E+00	-0.46806E-02	0.17182E+00	0.00000E+00
16	-0.18636E+00	-0.41456E-02	0.18887E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.67183E-01	-0.18777E-02	0.69056E-01	0.00000E+00
19	-0.12841E+00	-0.45356E-02	0.13154E+00	0.00000E+00
20	-0.14554E+00	-0.56857E-02	0.14894E+00	0.00000E+00
21	-0.17067E+00	-0.59017E-02	0.17458E+00	0.00000E+00
22	-0.18911E+00	-0.55352E-02	0.19371E+00	0.00000E+00
23	-0.17242E+00	-0.85328E-02	0.17869E+00	0.00000E+00
24	-0.19281E+00	-0.78034E-02	0.20030E+00	0.00000E+00
25	-0.19503E+00	-0.98966E-02	0.20437E+00	0.00000E+00
26	-0.19635E+00	-0.10559E-01	0.20678E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.64813E-01	-0.21905E-02	0.68231E-01	0.00000E+00
29	-0.12580E+00	-0.59045E-02	0.13163E+00	0.00000E+00
30	-0.14436E+00	-0.80169E-02	0.15076E+00	0.00000E+00
31	-0.17279E+00	-0.10193E-01	0.18188E+00	0.00000E+00
32	-0.19766E+00	-0.11135E-01	0.20933E+00	0.00000E+00
33	-0.17262E+00	-0.10572E-01	0.18251E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.63972E-01	-0.18858E-02	0.67453E-01	0.00000E+00
36	-0.12459E+00	-0.52312E-02	0.13046E+00	0.00000E+00
37	-0.14324E+00	-0.71630E-02	0.14943E+00	0.00000E+00
38	-0.17243E+00	-0.97368E-02	0.18240E+00	0.00000E+00
39	-0.19941E+00	-0.11671E-01	0.21333E+00	0.00000E+00
40	-0.19906E+00	-0.11640E-01	0.21247E+00	0.00000E+00
41	-0.19871E+00	-0.11608E-01	0.21164E+00	0.00000E+00
42	-0.19833E+00	-0.11544E-01	0.21066E+00	0.00000E+00
43	-0.14116E+00	-0.50599E-02	0.14421E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.61008E-01	-0.86074E-03	0.62295E-01	0.00000E+00
46	-0.11996E+00	-0.27511E-02	0.12033E+00	0.00000E+00
47	-0.19951E+00	-0.11671E-01	0.21358E+00	0.00000E+00
48	-0.19953E+00	-0.11672E-01	0.21362E+00	0.00000E+00
49	-0.17229E+00	-0.94274E-02	0.18206E+00	0.00000E+00
50	-0.19965E+00	-0.11761E-01	0.21419E+00	0.00000E+00
51	-0.16972E+00	-0.72389E-02	0.17349E+00	0.00000E+00
52	-0.19521E+00	-0.11754E-01	0.19956E+00	0.00000E+00
53	-0.19944E+00	-0.11633E-01	0.21349E+00	0.00000E+00
54	-0.13798E+00	-0.42387E-02	0.13743E+00	0.00000E+00
55	-0.16570E+00	-0.65856E-02	0.16431E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.57962E-01	-0.53181E-03	0.55474E-01	0.00000E+00
58	-0.11422E+00	-0.86468E-03	0.10795E+00	0.00000E+00
59	-0.18858E+00	-0.94261E-02	0.18642E+00	0.00000E+00
60	-0.19331E+00	-0.11124E-01	0.19531E+00	0.00000E+00
61	-0.19969E+00	-0.11820E-01	0.21455E+00	0.00000E+00
62	-0.13147E+00	-0.14772E-02	0.12327E+00	0.00000E+00
63	-0.15674E+00	-0.30285E-02	0.14594E+00	0.00000E+00
64	-0.19644E+00	-0.11923E-01	0.20109E+00	0.00000E+00
65	-0.19973E+00	-0.11878E-01	0.21490E+00	0.00000E+00
66	-0.20001E+00	-0.11991E-01	0.21560E+00	0.00000E+00
67	-0.20030E+00	-0.12103E-01	0.21631E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.55829E-01	0.10558E-02	0.48644E-01	0.00000E+00
70	-0.10519E+00	0.17939E-02	0.94285E-01	0.00000E+00
71	-0.17961E+00	-0.48066E-02	0.16634E+00	0.00000E+00
72	-0.19690E+00	-0.12046E-01	0.19903E+00	0.00000E+00
73	-0.14797E+00	0.77137E-03	0.12764E+00	0.00000E+00
74	-0.20318E+00	-0.12823E-01	0.20515E+00	0.00000E+00
75	-0.20054E+00	-0.12193E-01	0.21698E+00	0.00000E+00
76	-0.20209E+00	-0.12352E-01	0.21816E+00	0.00000E+00
77	-0.16864E+00	-0.79809E-03	0.14587E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.54153E-01	0.21385E-02	0.42873E-01	0.00000E+00
80	-0.10294E+00	0.36139E-02	0.80718E-01	0.00000E+00
81	-0.11679E+00	0.45518E-02	0.91324E-01	0.00000E+00
82	-0.13791E+00	0.37821E-02	0.10685E+00	0.00000E+00
83	-0.20019E+00	-0.73620E-02	0.18475E+00	0.00000E+00
84	-0.17893E+00	-0.81231E-04	0.14087E+00	0.00000E+00
85	-0.20536E+00	-0.12559E-01	0.21971E+00	0.00000E+00
86	-0.21025E+00	-0.13195E-01	0.21205E+00	0.00000E+00
87	-0.15711E+00	0.27368E-02	0.12115E+00	0.00000E+00
88	-0.20695E+00	-0.10598E-01	0.19915E+00	0.00000E+00
89	-0.20829E+00	-0.12738E-01	0.22121E+00	0.00000E+00
90	-0.11920E+00	0.27672E-02	0.71602E-01	0.00000E+00
91	-0.12986E+00	0.17171E-02	0.76443E-01	0.00000E+00
92	-0.13691E+00	0.61238E-03	0.79590E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.44818E-01	0.00000E+00	0.16924E-01	0.00000E+00
95	-0.83012E-01	0.00000E+00	0.32002E-01	0.00000E+00
96	-0.92312E-01	0.00000E+00	0.35689E-01	0.00000E+00
97	-0.10396E+00	0.00000E+00	0.40970E-01	0.00000E+00
98	-0.10883E+00	0.00000E+00	0.43072E-01	0.00000E+00
99	-0.11779E+00	0.13013E-02	0.59799E-01	0.00000E+00
100	-0.14710E+00	0.26825E-03	0.91055E-01	0.00000E+00
101	-0.19683E+00	-0.36640E-02	0.15073E+00	0.00000E+00
102	-0.21601E+00	-0.12953E-01	0.22337E+00	0.00000E+00
103	-0.21214E+00	-0.90786E-02	0.19440E+00	0.00000E+00
104	-0.22200E+00	-0.13901E-01	0.22072E+00	0.00000E+00
105	-0.22241E+00	-0.13143E-01	0.22533E+00	0.00000E+00
106	-0.22055E+00	-0.10669E-01	0.20080E+00	0.00000E+00
107	-0.23095E+00	-0.14757E-01	0.22681E+00	0.00000E+00
108	-0.22790E+00	-0.13263E-01	0.22708E+00	0.00000E+00
109	-0.23231E+00	-0.13358E-01	0.22856E+00	0.00000E+00
110	-0.23196E+00	-0.13240E-01	0.20747E+00	0.00000E+00
111	-0.23771E+00	-0.15715E-01	0.23112E+00	0.00000E+00
112	-0.23598E+00	-0.13405E-01	0.22978E+00	0.00000E+00
113	-0.23566E+00	-0.13579E-01	0.21394E+00	0.00000E+00
114	-0.23860E+00	-0.13398E-01	0.23066E+00	0.00000E+00
115	-0.24045E+00	-0.13363E-01	0.23124E+00	0.00000E+00
116	-0.24131E+00	-0.13301E-01	0.23143E+00	0.00000E+00

000459

117	-0.24045E+00	-0.15372E-01	0.23251E+00	0.00000E+00
118	-0.24134E+00	-0.13265E-01	0.23140E+00	0.00000E+00
119	-0.24136E+00	-0.13184E-01	0.23117E+00	0.00000E+00
120	-0.24194E+00	-0.15898E-01	0.23295E+00	0.00000E+00
121	-0.24102E+00	-0.13051E-01	0.23076E+00	0.00000E+00
122	-0.24100E+00	-0.12947E-01	0.23092E+00	-0.28248E-04
123	-0.24092E+00	-0.12699E-01	0.23103E+00	-0.51794E-04
124	-0.24076E+00	-0.12291E-01	0.23114E+00	-0.80823E-04
125	-0.24049E+00	-0.11680E-01	0.23124E+00	-0.11888E-03
126	-0.23978E+00	-0.10173E-01	0.23142E+00	-0.17444E-03
127	-0.23887E+00	-0.82627E-02	0.23158E+00	-0.20108E-03
128	-0.23688E+00	-0.37773E-02	0.23191E+00	-0.19360E-03
129	-0.23529E+00	0.21666E-04	0.23221E+00	-0.14730E-03
130	-0.23416E+00	0.29708E-02	0.23253E+00	-0.80599E-04
131	-0.23372E+00	0.43398E-02	0.23304E+00	0.55888E-05
132	-0.23413E+00	0.32034E-02	0.23350E+00	0.38532E-04
133	-0.23461E+00	0.15487E-02	0.23393E+00	0.31685E-04
134	-0.23484E+00	0.64051E-03	0.23429E+00	0.12220E-04
135	-0.23491E+00	0.47548E-03	0.23459E+00	0.16462E-05
136	-0.23494E+00	0.38727E-03	0.23480E+00	0.45126E-05
137	-0.23497E+00	0.32902E-03	0.23493E+00	0.46049E-05
138	-0.23500E+00	0.40816E-04	0.23500E+00	0.61076E-05
139	-0.23500E+00	0.45799E-05	0.23500E+00	0.46421E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5800E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.47447E-01	-0.99075E-01	0.61571E-01	-0.84535E+01	-0.78742E-01	0.84936E+01
2	0.19805E+00	-0.98163E-01	0.15217E+00	-0.75527E+01	-0.11198E+00	0.75261E+01
3	0.38745E+00	-0.73061E-01	0.16397E+00	-0.61648E+01	-0.36643E-01	0.61695E+01
4	-0.31154E+00	-0.14549E+00	-0.36957E+00	-0.50182E+01	0.16170E+00	0.51345E+01
5	0.23871E+00	-0.13934E-01	0.14332E+00	-0.50555E+01	0.21817E-01	0.51480E+01
6	-0.22064E+00	-0.11579E+00	0.27330E-01	-0.51762E+01	0.88649E-01	0.52585E+01
7	-0.17246E+00	-0.16717E-01	0.34970E-01	-0.37090E+01	0.74506E-01	0.37020E+01
8	-0.38696E+00	-0.42755E-01	0.19207E-01	-0.37215E+01	0.18204E+00	0.38267E+01
9	-0.27363E+00	-0.72095E+00	-0.33002E+00	-0.83316E+01	-0.62732E-02	0.84471E+01
10	-0.16773E+00	-0.79941E+00	-0.19390E+00	-0.75758E+01	0.24638E-01	0.76645E+01
11	-0.34382E-01	-0.70557E+00	0.27762E+00	-0.65094E+01	0.19269E+00	0.65608E+01
12	-0.92582E+00	-0.53544E+00	-0.31663E+00	-0.53653E+01	0.41352E+00	0.52660E+01
13	-0.12573E+00	-0.30952E+00	0.18553E+00	-0.54956E+01	0.14767E+00	0.55500E+01
14	-0.86973E+00	-0.52428E+00	-0.11341E+00	-0.56661E+01	0.33813E+00	0.58222E+01
15	-0.85962E+00	-0.15504E+00	-0.69690E-01	-0.40416E+01	0.43495E+00	0.40164E+01
16	-0.10493E+01	-0.13268E+00	0.10402E-01	-0.41960E+01	0.51234E+00	0.43163E+01
17	-0.29743E+00	-0.97327E+00	-0.39544E+00	-0.80782E+01	-0.71371E-01	0.84207E+01
18	0.24577E-02	-0.11515E+01	-0.15547E+00	-0.75314E+01	-0.13609E+00	0.78034E+01
19	0.53010E+00	-0.12367E+01	0.53132E+00	-0.68237E+01	-0.14121E+00	0.70642E+01
20	-0.13264E+01	-0.78895E+00	-0.31839E+00	-0.59298E+01	0.55506E+00	0.58353E+01
21	-0.11324E+00	-0.10802E+01	0.63166E-01	-0.61577E+01	-0.30601E-01	0.65202E+01
22	-0.13501E+01	-0.21643E+01	-0.76074E+00	-0.64416E+01	0.32888E+00	0.70255E+01
23	-0.15463E+01	-0.30494E+00	-0.11498E+00	-0.47975E+01	0.74376E+00	0.48452E+01
24	-0.30301E+01	-0.10739E+01	-0.89003E+00	-0.53260E+01	0.11984E+01	0.51499E+01
25	-0.15803E+01	-0.11344E+01	-0.28913E+00	-0.54646E+01	0.65964E+00	0.53479E+01
26	-0.49620E+01	-0.35906E+01	-0.25363E+01	-0.59698E+01	0.14288E+01	0.64770E+01
27	-0.22749E+00	-0.92668E+00	-0.34544E+00	-0.76338E+01	-0.13455E+00	0.83163E+01
28	0.18781E+00	-0.11636E+01	-0.76894E-01	-0.73145E+01	-0.34531E+00	0.78166E+01
29	0.12365E+01	-0.13333E+01	0.72828E+00	-0.64646E+01	-0.89056E+00	0.73013E+01
30	-0.34270E+00	-0.14630E+01	-0.27647E-01	-0.63645E+01	0.93437E-01	0.70240E+01
31	0.81675E-01	-0.18294E+01	-0.10381E+00	-0.60031E+01	-0.58846E+00	0.72731E+01
32	-0.60663E+00	-0.19454E+01	-0.35320E+00	-0.58217E+01	-0.30421E+00	0.73947E+01
33	-0.36998E+01	-0.28885E+01	-0.17526E+01	-0.61645E+01	0.93707E+00	0.67950E+01
34	-0.84192E+01	-0.59969E+01	-0.48272E+01	-0.63938E+01	0.19026E+01	0.73360E+01
35	-0.21166E+01	-0.17891E+01	-0.61026E+00	-0.63199E+01	0.63471E+00	0.73315E+01
36	0.46913E+00	-0.46951E+00	0.86036E+00	-0.58957E+01	-0.37311E+00	0.75212E+01
37	-0.29862E+01	-0.30904E+01	-0.14808E+01	-0.65326E+01	0.67997E+00	0.77477E+01
38	0.45689E-01	-0.49773E+00	-0.11509E+00	-0.76018E+01	-0.20416E+00	0.79425E+01
39	0.53363E+00	-0.63859E+00	0.10967E+00	-0.71846E+01	-0.58980E+00	0.74497E+01
40	0.13498E+01	-0.12562E+01	0.59503E+00	-0.62656E+01	-0.16817E+01	0.72090E+01
41	0.18615E+01	-0.22783E+00	0.80706E+00	-0.65746E+01	-0.15417E+01	0.70703E+01
42	0.23498E+01	-0.52181E+00	0.63800E+00	-0.63736E+01	-0.19338E+01	0.64163E+01
43	0.66436E+00	-0.98976E+00	0.39501E+00	-0.59261E+01	-0.98239E+00	0.74020E+01
44	0.14671E+01	-0.40919E+00	0.79961E+00	-0.57910E+01	-0.16927E+01	0.65206E+01
45	0.22805E+01	0.76407E-02	0.10282E+01	-0.60807E+01	-0.15601E+01	0.64845E+01
46	0.11546E+01	-0.91462E+00	0.11831E+00	-0.58676E+01	-0.11303E+01	0.59373E+01
47	-0.86624E+00	-0.18027E+01	-0.17546E+00	-0.61942E+01	-0.24331E+00	0.78107E+01
48	-0.32438E+00	-0.15654E+01	0.19125E+00	-0.65469E+01	-0.47083E+00	0.78805E+01
49	0.55240E+00	-0.14198E+01	0.39949E+00	-0.63806E+01	-0.13568E+01	0.82635E+01
50	0.56787E+01	0.76241E+00	0.30757E+01	-0.54510E+01	-0.37910E+01	0.58941E+01
51	0.12405E+01	0.69507E+00	0.18431E+01	-0.26054E+00	-0.51431E+00	0.45549E+01
52	0.33303E+01	0.16450E+01	0.28338E+01	0.18689E+01	-0.20618E+01	-0.59139E+01
53	0.20857E+01	-0.11597E+01	0.40416E+00	-0.49484E+01	-0.17581E+01	0.52500E+01
54	0.57109E+00	0.30754E+00	0.33847E+00	-0.72193E+01	-0.24546E+00	0.71983E+01

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55	0.10189E+01	-0.26908E-01	0.31993E+00	-0.69208E+01	-0.67637E+00	0.67687E+01
56	0.23962E+01	-0.17012E+00	0.37354E+00	-0.61238E+01	-0.18328E+01	0.60159E+01
57	0.19503E+01	-0.23488E+00	0.41867E+00	-0.54664E+01	-0.13144E+01	0.54380E+01
58	0.21557E+01	-0.39269E+00	0.35001E+00	-0.46020E+01	-0.15404E+01	0.47143E+01
59	0.21540E+00	0.34640E+00	0.19461E+00	-0.70842E+01	0.10899E-01	0.67778E+01
60	0.12949E+01	0.12401E+01	0.90202E+00	-0.67851E+01	-0.46089E+00	0.59388E+01
61	0.97677E+00	0.99984E+00	0.59452E+00	-0.67441E+01	-0.35463E+00	0.59335E+01
62	0.88588E+00	0.14096E+01	0.80607E+00	-0.66193E+01	0.39904E-01	0.52324E+01
63	0.12543E+01	0.57512E+00	0.46311E+00	-0.65216E+01	-0.65637E+00	0.59882E+01
64	0.15193E+01	0.13067E+01	0.71495E+00	-0.60675E+01	-0.56068E+00	0.50780E+01
65	0.23863E+01	0.16792E+00	0.11980E+00	-0.59328E+01	-0.17560E+01	0.56209E+01
66	0.30676E+01	0.72669E+00	0.17021E+00	-0.54013E+01	-0.19703E+01	0.47330E+01
67	0.24482E+01	0.14489E+01	0.36559E-01	-0.47818E+01	-0.15541E+01	0.38169E+01
68	0.23960E+01	0.20407E+00	0.46701E+00	-0.51458E+01	-0.13985E+01	0.49308E+01
69	0.21497E+01	0.54579E+00	0.37642E+00	-0.49043E+01	-0.11337E+01	0.43466E+01
70	0.32759E+01	0.11987E+01	0.88821E+00	-0.43150E+01	-0.14626E+01	0.33254E+01
71	0.26339E+01	0.19837E+00	0.40057E+00	-0.43734E+01	-0.15140E+01	0.40195E+01
72	0.30371E+01	0.59948E+00	0.44451E+00	-0.40358E+01	-0.15160E+01	0.33078E+01
73	0.72573E+00	0.81586E+00	0.39913E+00	-0.60682E+01	-0.16018E+00	0.36500E+01
74	0.11279E+01	0.79603E+00	0.14550E+00	-0.53698E+01	-0.46155E+00	0.32224E+01
75	0.21286E+01	0.77086E+00	-0.73153E+00	-0.43975E+01	-0.12972E+01	0.25873E+01
76	0.26783E+01	0.72777E+00	0.29603E+00	-0.46199E+01	-0.11472E+01	0.33230E+01
77	0.19874E+01	0.11396E+01	0.11635E+00	-0.32716E+01	-0.80025E+00	0.17312E+01
78	0.21291E+01	0.81055E+00	-0.10269E+00	-0.26485E+01	-0.87079E+00	0.11365E+01
79	0.33010E+01	0.85531E+00	0.42634E+00	-0.32799E+01	-0.12908E+01	0.20447E+01
80	0.38777E+01	0.11860E+01	0.67993E+00	-0.23500E+01	-0.10605E+01	0.10313E+01
81	0.19022E+01	0.50971E+00	-0.36890E+00	-0.13571E+01	-0.85109E+00	0.53734E+00
82	0.23980E+01	0.93824E+00	-0.52407E-01	-0.11554E+01	-0.86716E+00	0.45207E+00
83	0.34429E+01	0.59249E+00	0.18633E+00	-0.19949E+01	-0.10311E+01	0.86336E+00
84	0.40660E+01	0.97541E+00	0.59309E+00	-0.22098E+01	-0.14506E+01	0.95808E+00
85	0.45531E+01	0.62524E+00	0.69736E+00	-0.30657E+01	-0.17580E+01	0.20534E+01
86	0.45343E+01	0.68933E+00	0.58599E+00	-0.24079E+01	-0.17117E+01	0.13483E+01
87	0.30909E+01	0.47993E+00	0.25281E+00	-0.31075E+01	-0.15489E+01	0.22690E+01
88	0.31427E+01	0.17851E+00	0.38891E+00	-0.33384E+01	-0.18080E+01	0.30723E+01
89	0.33944E+01	0.24000E+00	0.45996E+00	-0.28561E+01	-0.19413E+01	0.26959E+01
90	0.38220E+01	0.31271E+00	0.35593E+00	-0.20465E+01	-0.20797E+01	0.13933E+01
91	0.40587E+01	0.71433E+00	0.74305E+00	-0.19113E+01	-0.22036E+01	0.13490E+01
92	0.40335E+01	0.74369E+00	0.65059E+00	-0.14246E+01	-0.21700E+01	0.11859E+01
93	0.24870E+01	-0.16497E+01	0.37494E+00	-0.35057E+01	-0.20245E+01	0.42637E+01
94	0.27282E+01	-0.17492E+00	0.86178E+00	-0.35603E+01	-0.17881E+01	0.41321E+01
95	0.18347E+01	0.68090E+00	0.92567E+00	-0.25364E+01	-0.16345E+01	0.30622E+01
96	0.23714E+01	-0.13881E+00	0.44952E+00	-0.35693E+01	-0.16434E+01	0.35802E+01
97	0.15831E+01	0.34932E+00	0.62910E+00	-0.28471E+01	-0.16116E+01	0.26140E+01
98	0.19830E+01	0.22871E+00	0.40765E+00	-0.24771E+01	-0.14785E+01	0.25906E+01
99	0.21353E+01	-0.44121E+00	0.16041E-01	-0.28428E+01	-0.15188E+01	0.27695E+01
100	0.16653E+01	-0.26657E+00	-0.12130E-01	-0.20730E+01	-0.14353E+01	0.19222E+01
101	0.20585E+01	0.23655E+00	0.34783E+00	-0.15727E+01	-0.14265E+01	0.14407E+01
102	0.15169E+01	-0.34035E+00	-0.43971E+00	-0.15910E+01	-0.13538E+01	0.13503E+01
103	0.10661E+01	0.23908E+00	-0.17009E+00	-0.56680E+00	-0.11894E+01	0.68441E+00
104	0.11566E+01	0.40763E+00	-0.11228E+00	-0.16767E+00	-0.11731E+01	0.41233E+00
105	0.29233E+01	-0.39987E+00	0.12193E+01	-0.31140E+01	-0.25587E+01	0.39997E+01
106	0.47314E+01	0.26732E+01	0.37669E+01	-0.15983E+00	-0.28239E+01	0.18498E+01
107	0.35507E+01	0.16353E+01	0.27560E+01	-0.16197E+01	-0.26879E+01	0.28627E+01
108	0.29053E+01	0.14394E+01	0.23870E+01	-0.16792E+01	-0.25456E+01	0.28748E+01
109	0.26855E+01	0.13566E+01	0.24111E+01	-0.63185E+00	-0.25269E+01	0.18569E+01
110	0.28679E+00	-0.64894E+00	0.48085E+00	-0.24219E+01	-0.22775E+01	0.29553E+01
111	-0.41064E+00	-0.40723E+00	0.45774E+00	-0.17393E+01	-0.20518E+01	0.15966E+01
112	-0.46771E+00	-0.50862E+00	0.37194E+00	-0.27190E+01	-0.20343E+01	0.15797E+01
113	-0.11374E+01	-0.10680E+01	-0.47847E+00	-0.29322E+01	-0.16487E+01	0.31088E+01
114	-0.11913E+01	-0.95248E+00	-0.17306E+00	-0.24463E+01	-0.14855E+01	0.15425E+01

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115	-0.13114E+01	-0.10150E+01	-0.41072E+00	-0.42400E+01	-0.14268E+01	0.14941E+01
116	-0.60920E+00	-0.96047E+00	-0.45312E+00	-0.32626E+01	-0.10084E+01	0.26646E+01
117	0.23036E+00	-0.88809E-01	0.26839E+00	-0.35737E+01	-0.69999E+00	0.13973E+01
118	0.96698E-01	-0.15163E+00	-0.27578E-02	-0.30728E+01	-0.63125E+00	0.12896E+01
119	0.30511E-01	-0.81840E+00	-0.45329E+00	-0.25701E+01	-0.39981E+00	0.19835E+01
120	0.61401E+00	0.14873E+00	0.10025E+00	-0.25804E+01	-0.16350E+00	0.11495E+01
121	0.52771E+00	0.10983E+00	-0.76598E-01	-0.21757E+01	-0.11822E+00	0.10071E+01
122	-0.23474E+00	-0.11994E+01	-0.94681E+00	-0.20768E+01	0.24270E-01	0.15131E+01
123	0.46204E-01	-0.18897E+00	-0.54501E+00	-0.17358E+01	0.23611E+00	0.83695E+00
124	0.58275E-02	-0.19896E+00	-0.63595E+00	-0.13144E+01	0.26140E+00	0.67096E+00
125	0.19067E+00	-0.26548E+00	-0.55608E+00	-0.10734E+01	0.26541E+00	0.73220E+00
126	-0.33835E-01	-0.24772E+00	-0.76894E+00	-0.81172E+00	0.37393E+00	0.45728E+00
127	-0.84751E-01	-0.23685E+00	-0.78210E+00	-0.38662E+00	0.38005E+00	0.33405E+00
128	-0.67792E+00	-0.69385E+00	-0.11815E+01	-0.55327E+00	0.42120E+00	0.36137E+00
129	-0.14714E+01	-0.10372E+01	-0.17139E+01	-0.25171E+00	0.54365E+00	0.13213E+00
163	0.34555E+01	-0.85410E+00	0.12577E+01	-0.51332E+01	-0.27048E+01	0.58735E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.76586E+00	0.51058E+01	-0.43399E+01	-0.68296E+02	0.30628E+02	0.40091E+02
131	0.71465E-01	0.47644E+00	-0.40497E+00	-0.20041E+03	0.50258E+02	0.12240E+03
132	0.24455E+00	0.16303E+01	-0.13858E+01	-0.33607E+03	0.81687E+02	0.20951E+03
133	0.10507E+00	0.70045E+00	-0.59538E+00	-0.48877E+03	0.11417E+03	0.30637E+03
134	0.22374E+00	0.14916E+01	-0.12678E+01	-0.66128E+03	0.14879E+03	0.42122E+03
135	0.45876E+00	0.30584E+01	-0.25996E+01	-0.79186E+03	0.17699E+03	0.52339E+03
136	0.18155E+00	0.12103E+01	-0.10288E+01	-0.89828E+03	0.18905E+03	0.59333E+03
137	0.12732E+00	0.84880E+00	-0.72148E+00	-0.88452E+03	0.21306E+03	0.62487E+03
138	0.86574E+00	0.57716E+01	-0.39840E+01	-0.90890E+03	0.40692E+03	0.67360E+03
139	-0.49926E+00	-0.33284E+01	0.61163E+01	-0.87943E+03	0.79581E+03	0.71249E+03
140	-0.32872E+01	-0.21914E+02	0.18627E+02	-0.11220E+04	0.96379E+03	0.80693E+03
141	-0.31511E+01	-0.21007E+02	0.17856E+02	-0.11206E+04	0.97922E+03	0.85959E+03
142	-0.36155E+01	-0.24104E+02	0.20488E+02	-0.11739E+04	0.98218E+03	0.91148E+03
143	-0.37158E+01	-0.24772E+02	0.21056E+02	0.42975E+03	0.12208E+04	-0.67943E+03
144	-0.42187E+01	-0.28125E+02	0.23906E+02	0.42337E+03	0.12002E+04	-0.63281E+03
145	0.22291E+01	0.14861E+02	-0.73199E+01	-0.33409E+03	0.88377E+03	-0.16419E+04
146	0.91580E+00	0.61053E+01	-0.69992E+01	-0.36601E+03	0.65175E+03	-0.14506E+04
147	0.93555E+00	0.62370E+01	-0.68647E+01	-0.34371E+03	0.67034E+03	-0.14260E+04
148	0.95824E+00	0.63883E+01	0.22375E+01	-0.33516E+03	0.68913E+03	-0.14302E+04
149	0.98452E+00	0.65635E+01	0.21027E+01	-0.32928E+03	0.71029E+03	-0.14593E+04
150	0.11231E+01	0.74876E+01	0.10496E+01	-0.24365E+03	0.77135E+03	-0.14160E+04
151	0.13453E+01	0.89684E+01	0.32662E+02	-0.22688E+03	0.87022E+03	-0.14508E+04
152	0.12593E+01	0.83953E+01	0.58474E+02	-0.22571E+03	0.81261E+03	-0.14373E+04
153	0.11290E+01	0.75265E+01	0.51764E+02	-0.19109E+03	0.73020E+03	-0.14027E+04
154	0.83954E+00	0.55969E+01	0.99156E+02	-0.16005E+03	0.54031E+03	-0.13609E+04
155	0.42532E+00	0.28355E+01	0.81578E+02	-0.17412E+03	0.25977E+03	-0.12703E+04
156	0.86870E-01	0.57913E+00	0.69432E+02	-0.13425E+03	0.38254E+02	-0.11749E+04
157	-0.18887E+00	-0.12592E+01	0.55576E+02	-0.12305E+03	-0.14541E+03	-0.10434E+04
158	-0.41180E+00	-0.27453E+01	0.46236E+02	-0.95365E+02	-0.29118E+03	-0.91581E+03
159	-0.58530E+00	-0.39020E+01	0.33031E+02	-0.52392E+02	-0.40128E+03	-0.75567E+03
160	-0.70979E+00	-0.47319E+01	0.23449E+02	-0.33074E+02	-0.48206E+03	-0.60613E+03
161	-0.87174E+00	-0.58116E+01	0.12426E+02	-0.11242E+02	-0.55065E+03	-0.42599E+03
162	-0.92162E+00	-0.61441E+01	0.13541E+01	-0.14945E+01	-0.54470E+03	-0.29719E+03
163	-0.10751E+01	-0.71676E+01	-0.12307E+00	0.29419E+02	-0.63075E+03	-0.20781E+03
164	-0.10923E+01	-0.72819E+01	-0.19371E+01	0.62115E+02	-0.63598E+03	-0.13417E+03

165	-0.60994E+03	-0.97432E+02	0.39002E+01	-0.29894E+02	-0.65504E+03	-0.99664E+02
166	-0.49931E+03	-0.73662E+02	-0.32602E+01	-0.21908E+02	-0.61072E+03	-0.91367E+02
167	-0.40004E+03	-0.54521E+02	-0.65530E+01	-0.17284E+02	-0.52376E+03	-0.84528E+02
168	-0.30954E+03	-0.39660E+02	-0.75657E+01	-0.12633E+02	-0.43412E+03	-0.78776E+02
169	-0.20242E+03	-0.21104E+02	-0.97306E+01	-0.83804E+01	-0.37529E+03	-0.72371E+02
170	-0.95713E+02	-0.12985E+01	-0.13345E+02	-0.35537E+01	-0.34011E+03	-0.65015E+02
171	0.15039E+02	0.17976E+02	-0.15566E+02	0.29529E+01	-0.27444E+03	-0.54606E+02
172	0.81217E+02	0.27027E+02	-0.14387E+02	0.96249E+01	-0.18639E+03	-0.43196E+02
173	0.84899E+02	0.22274E+02	-0.90798E+01	0.13384E+02	-0.10623E+03	-0.35018E+02
174	0.54300E+02	0.11242E+02	-0.28935E+01	0.14211E+02	-0.46972E+02	-0.29040E+02
175	0.13562E+02	0.10378E+01	0.33437E+00	0.11258E+02	-0.26978E+02	-0.26009E+02
176	-0.21507E+01	-0.17564E+01	0.12610E+01	0.82158E+01	-0.31400E+02	-0.24077E+02
177	-0.45605E+01	-0.14254E+01	0.63177E+00	0.56446E+01	-0.34481E+02	-0.19808E+02
178	-0.17706E+01	-0.24992E+00	-0.31491E-01	0.38462E+01	-0.26222E+02	-0.14355E+02
179	0.50211E+00	0.19692E+00	-0.11887E+00	0.31751E+01	-0.18612E+02	-0.10112E+02
180	0.21901E-01	0.65943E-01	-0.60291E-01	0.23773E+01	-0.10895E+02	-0.60999E+01
181	0.16856E+00	0.18094E+00	-0.13851E+00	0.18365E+01	-0.49752E+01	-0.21347E+01
132	-0.64744E+00	-0.30070E+00	0.17703E+00	0.62076E+00	0.11520E+01	0.59243E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.5900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.38242E-01	-0.41114E-04	-0.38870E-01	0.00000E+00
3	0.71333E-01	0.16982E-03	-0.71297E-01	0.00000E+00
4	0.72616E-01	0.16635E-03	-0.79107E-01	0.00000E+00
5	0.90873E-01	-0.33189E-04	-0.90617E-01	0.00000E+00
6	0.98165E-01	0.12676E-04	-0.98169E-01	0.00000E+00
7	0.90710E-01	0.11731E-02	-0.90886E-01	0.00000E+00
8	0.98424E-01	0.11221E-02	-0.98577E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.37744E-01	0.58634E-03	-0.37733E-01	0.00000E+00
11	0.70476E-01	0.13967E-02	-0.70746E-01	0.00000E+00
12	0.78908E-01	0.17440E-02	-0.79339E-01	0.00000E+00
13	0.90823E-01	0.18735E-02	-0.91331E-01	0.00000E+00
14	0.98990E-01	0.18712E-02	-0.99702E-01	0.00000E+00
15	0.91363E-01	0.30900E-02	-0.92960E-01	0.00000E+00
16	0.99937E-01	0.29182E-02	-0.10161E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.36759E-01	0.11421E-02	-0.38089E-01	0.00000E+00
19	0.69805E-01	0.28262E-02	-0.72027E-01	0.00000E+00
20	0.78856E-01	0.35617E-02	-0.81230E-01	0.00000E+00
21	0.91917E-01	0.38258E-02	-0.94602E-01	0.00000E+00
22	0.10131E+00	0.37667E-02	-0.10439E+00	0.00000E+00
23	0.92783E-01	0.53226E-02	-0.97141E-01	0.00000E+00
24	0.10318E+00	0.50874E-02	-0.10815E+00	0.00000E+00
25	0.10430E+00	0.62685E-02	-0.11047E+00	0.00000E+00
26	0.10497E+00	0.66651E-02	-0.11183E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.35334E-01	0.12926E-02	-0.38072E-01	0.00000E+00
29	0.68234E-01	0.35781E-02	-0.72903E-01	0.00000E+00
30	0.78108E-01	0.48700E-02	-0.83103E-01	0.00000E+00
31	0.92895E-01	0.62615E-02	-0.99303E-01	0.00000E+00
32	0.10563E+00	0.70307E-02	-0.11327E+00	0.00000E+00
33	0.92788E-01	0.64747E-02	-0.99881E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.34868E-01	0.11310E-02	-0.37908E-01	0.00000E+00
36	0.67566E-01	0.31880E-02	-0.72735E-01	0.00000E+00
37	0.77526E-01	0.44013E-02	-0.82930E-01	0.00000E+00
38	0.92673E-01	0.60383E-02	-0.10008E+00	0.00000E+00
39	0.10652E+00	0.73163E-02	-0.11559E+00	0.00000E+00
40	0.10634E+00	0.72990E-02	-0.11509E+00	0.00000E+00
41	0.10616E+00	0.72808E-02	-0.11461E+00	0.00000E+00
42	0.10597E+00	0.72462E-02	-0.11403E+00	0.00000E+00
43	0.76460E-01	0.30965E-02	-0.81470E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.33470E-01	0.43472E-03	-0.36305E-01	0.00000E+00
46	0.65388E-01	0.15667E-02	-0.69699E-01	0.00000E+00
47	0.10657E+00	0.73166E-02	-0.11576E+00	0.00000E+00
48	0.10658E+00	0.73175E-02	-0.11576E+00	0.00000E+00
49	0.92593E-01	0.58748E-02	-0.10000E+00	0.00000E+00
50	0.10664E+00	0.73761E-02	-0.11603E+00	0.00000E+00
51	0.91294E-01	0.44733E-02	-0.97020E-01	0.00000E+00
52	0.10441E+00	0.70626E-02	-0.11047E+00	0.00000E+00
53	0.10654E+00	0.72850E-02	-0.11579E+00	0.00000E+00
54	0.75022E-01	0.24481E-02	-0.79311E-01	0.00000E+00
55	0.89423E-01	0.38648E-02	-0.94059E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

000465

57	0.33372E-01	-0.32490E-03	-0.34258E-01	0.00000E+00
58	0.63106E-01	0.35776E-03	-0.65363E-01	0.00000E+00
59	0.10120E+00	0.55790E-02	-0.10595E+00	0.00000E+00
60	0.10347E+00	0.56411E-02	-0.10892E+00	0.00000E+00
61	0.10666E+00	0.74125E-02	-0.11621E+00	0.00000E+00
62	0.72337E-01	0.69851E-03	-0.75016E-01	0.00000E+00
63	0.65606E-01	0.16181E-02	-0.33299E-01	0.00000E+00
64	0.10503E+00	0.71665E-02	-0.11131E+00	0.00000E+00
65	0.10668E+00	0.74475E-02	-0.11638E+00	0.00000E+00
66	0.10682E+00	0.75169E-02	-0.11673E+00	0.00000E+00
67	0.10696E+00	0.75363E-02	-0.11709E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.31694E-01	-0.61834E-03	-0.32039E-01	0.00000E+00
70	0.60972E-01	-0.91310E-03	-0.61665E-01	0.00000E+00
71	0.97328E-01	0.27211E-02	-0.99932E-01	0.00000E+00
72	0.10527E+00	0.71665E-02	-0.11089E+00	0.00000E+00
73	0.82235E-01	-0.24000E-03	-0.82381E-01	0.00000E+00
74	0.10837E+00	0.76634E-02	-0.11415E+00	0.00000E+00
75	0.10708E+00	0.76434E-02	-0.11741E+00	0.00000E+00
76	0.10784E+00	0.77478E-02	-0.11799E+00	0.00000E+00
77	0.92899E-01	0.69930E-03	-0.92247E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.31325E-01	-0.11076E-02	-0.30537E-01	0.00000E+00
80	0.59157E-01	-0.18720E-02	-0.57332E-01	0.00000E+00
81	0.66901E-01	-0.21807E-02	-0.64743E-01	0.00000E+00
82	0.78313E-01	-0.16944E-02	-0.75030E-01	0.00000E+00
83	0.10767E+00	0.43131E-02	-0.11005E+00	0.00000E+00
84	0.98996E-01	0.53074E-03	-0.94242E-01	0.00000E+00
85	0.10945E+00	0.73842E-02	-0.11875E+00	0.00000E+00
86	0.11190E+00	0.80204E-02	-0.11771E+00	0.00000E+00
87	0.88411E-01	-0.10426E-02	-0.84056E-01	0.00000E+00
88	0.11051E+00	0.63365E-02	-0.11418E+00	0.00000E+00
89	0.11089E+00	0.90059E-02	-0.11947E+00	0.00000E+00
90	0.71035E-01	-0.12292E-02	-0.60775E-01	0.00000E+00
91	0.76997E-01	-0.54623E-03	-0.65226E-01	0.00000E+00
92	0.80711E-01	0.15251E-03	-0.67579E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.28295E-01	0.00000E+00	-0.20433E-01	0.00000E+00
95	0.52235E-01	0.00000E+00	-0.33084E-01	0.00000E+00
96	0.58026E-01	0.00000E+00	-0.42319E-01	0.00000E+00
97	0.64993E-01	0.00000E+00	-0.47156E-01	0.00000E+00
98	0.67897E-01	0.00000E+00	-0.48844E-01	0.00000E+00
99	0.71621E-01	-0.43130E-03	-0.56897E-01	0.00000E+00
100	0.85496E-01	0.38762E-03	-0.73269E-01	0.00000E+00
101	0.10775E+00	0.26629E-02	-0.99687E-01	0.00000E+00
102	0.11465E+00	0.81622E-02	-0.12050E+00	0.00000E+00
103	0.11355E+00	0.53835E-02	-0.11529E+00	0.00000E+00
104	0.11760E+00	0.86323E-02	-0.12209E+00	0.00000E+00
105	0.11775E+00	0.83055E-02	-0.12142E+00	0.00000E+00
106	0.11772E+00	0.64217E-02	-0.11857E+00	0.00000E+00
107	0.12195E+00	0.92810E-02	-0.12507E+00	0.00000E+00
108	0.12039E+00	0.84160E-02	-0.12224E+00	0.00000E+00
109	0.12251E+00	0.85069E-02	-0.12290E+00	0.00000E+00
110	0.12333E+00	0.80931E-02	-0.12168E+00	0.00000E+00
111	0.12522E+00	0.99700E-02	-0.12707E+00	0.00000E+00
112	0.12427E+00	0.85745E-02	-0.12342E+00	0.00000E+00
113	0.12496E+00	0.85010E-02	-0.12355E+00	0.00000E+00
114	0.12553E+00	0.86121E-02	-0.12377E+00	0.00000E+00
115	0.12643E+00	0.86325E-02	-0.12397E+00	0.00000E+00
116	0.12686E+00	0.86336E-02	-0.12396E+00	0.00000E+00

462

562

000466

5622

A63

117	0.12659E+00	0.10234E-01	-0.12749E+00	0.00000E+00
118	0.12638E+00	0.86299E-02	-0.12389E+00	0.00000E+00
119	0.12686E+00	0.86073E-02	-0.12368E+00	0.00000E+00
120	0.12734E+00	0.10452E-01	-0.12727E+00	0.00000E+00
121	0.12676E+00	0.85672E-02	-0.12337E+00	0.00000E+00
122	0.12676E+00	0.85326E-02	-0.12341E+00	0.85833E-05
123	0.12673E+00	0.84567E-02	-0.12343E+00	0.15833E-04
124	0.12663E+00	0.83316E-02	-0.12345E+00	0.24877E-04
125	0.12660E+00	0.81423E-02	-0.12346E+00	0.36894E-04
126	0.12633E+00	0.76716E-02	-0.12349E+00	0.54794E-04
127	0.12609E+00	0.70681E-02	-0.12351E+00	0.63865E-04
128	0.12545E+00	0.56257E-02	-0.12355E+00	0.63248E-04
129	0.12492E+00	0.43562E-02	-0.12359E+00	0.50748E-04
130	0.12450E+00	0.32805E-02	-0.12363E+00	0.32237E-04
131	0.12425E+00	0.25018E-02	-0.12371E+00	0.57511E-05
132	0.12427E+00	0.25243E-02	-0.12379E+00	-0.45925E-05
133	0.12434E+00	0.26984E-02	-0.12387E+00	-0.19066E-05
134	0.12432E+00	0.25314E-02	-0.12395E+00	0.79588E-05
135	0.12423E+00	0.19207E-02	-0.12402E+00	0.14951E-04
136	0.12416E+00	0.12597E-02	-0.12407E+00	0.12805E-04
137	0.12413E+00	0.63237E-03	-0.12410E+00	0.12336E-04
138	0.12411E+00	0.95571E-04	-0.12411E+00	0.11403E-04
139	0.12411E+00	0.12228E-04	-0.12411E+00	0.12195E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.5900E+01

AVA

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.75310E-01	0.29409E-01	-0.84397E-01	0.46675E+01	0.67019E-01	-0.47021E+01
2	-0.12486E+00	0.37370E-01	-0.14861E+00	0.40964E+01	0.95062E-01	-0.40797E+01
3	-0.34946E+00	0.23443E-01	-0.11867E+00	0.32694E+01	0.32394E-01	-0.32729E+01
4	0.14846E+00	0.48672E-01	0.27584E+00	0.26135E+01	-0.11901E+00	-0.27296E+01
5	-0.21837E+00	0.39433E-02	-0.10229E+00	0.26228E+01	-0.15055E-01	-0.27126E+01
6	0.73557E-01	0.88360E-01	-0.47314E-01	0.27091E+01	-0.40089E-01	-0.27713E+01
7	0.52620E-01	-0.60355E-02	-0.50970E-01	0.19144E+01	-0.36789E-01	-0.19118E+01
8	0.15732E+00	0.22775E-01	-0.58580E-01	0.19106E+01	-0.95072E-01	-0.19813E+01
9	0.12978E+00	0.41622E+00	0.17138E+00	0.45742E+01	0.32013E-02	-0.46556E+01
10	0.36299E-01	0.46765E+00	0.65731E-01	0.40956E+01	-0.14010E-01	-0.41672E+01
11	-0.97802E-01	0.40962E+00	-0.25714E+00	0.34534E+01	-0.10747E+00	-0.35054E+01
12	0.43525E+00	0.29645E+00	0.10946E+00	0.28012E+01	-0.22871E+00	-0.27713E+01
13	-0.22949E-02	0.19642E+00	-0.16965E+00	0.28682E+01	-0.82416E-01	-0.29148E+01
14	0.39245E+00	0.30673E+00	-0.26237E-01	0.29627E+01	-0.18713E+00	-0.30691E+01
15	0.40267E+00	0.95236E-01	-0.28033E-01	0.20804E+01	-0.23840E+00	-0.20839E+01
16	0.47767E+00	0.76949E-01	-0.10420E+00	0.21571E+01	-0.28214E+00	-0.22416E+01
17	0.14900E+00	0.55396E+00	0.19442E+00	0.44114E+01	0.31603E-01	-0.46728E+01
18	-0.40669E-01	0.67022E+00	0.18067E-01	0.40640E+01	0.51091E-01	-0.42699E+01
19	-0.37977E+00	0.71297E+00	-0.46489E+00	0.36249E+01	0.10171E-01	-0.37832E+01
20	0.64335E+00	0.44527E+00	0.69214E-01	0.31001E+01	-0.32776E+00	-0.30737E+01
21	0.35917E-02	0.62036E+00	-0.14494E+00	0.32138E+01	-0.25814E-01	-0.34126E+01
22	0.65708E+00	0.12206E+01	0.28386E+00	0.33688E+01	-0.21292E+00	-0.36843E+01
23	0.74152E+00	0.18260E+00	-0.54157E-01	0.24728E+01	-0.41814E+00	-0.25113E+01
24	0.14915E+01	0.57756E+00	0.32220E+00	0.27569E+01	-0.65381E+00	-0.26627E+01
25	0.75905E+00	0.65431E+00	0.25618E-01	0.28205E+01	-0.38238E+00	-0.30114E+01
26	0.25481E+01	0.19904E+01	0.12222E+01	0.31039E+01	-0.77378E+00	-0.33330E+01
27	0.11929E+00	0.52685E+00	0.16110E+00	0.42708E+01	0.54469E-01	-0.46578E+01
28	-0.12786E+00	0.67406E+00	-0.44629E-01	0.39428E+01	0.13377E+00	-0.43122E+01
29	-0.72273E+00	0.79377E+00	-0.61183E+00	0.34308E+01	0.32510E+00	-0.39320E+01
30	0.13288E+00	0.85130E+00	-0.11386E+00	0.33193E+01	-0.13166E+00	-0.36827E+01
31	-0.46913E-01	0.10933E+01	-0.49497E-01	0.31140E+01	0.21461E+00	-0.38041E+01
32	0.28045E+00	0.11259E+01	0.51566E-01	0.30239E+01	0.63666E-01	-0.38714E+01
33	0.18985E+01	0.16290E+01	0.81100E+00	0.31694E+01	-0.54175E+00	-0.34859E+01
34	0.43662E+01	0.32573E+01	0.24186E+01	0.32896E+01	-0.99161E+00	-0.37460E+01
35	0.11381E+01	0.11017E+01	0.25760E+00	0.32412E+01	-0.34199E+00	-0.37431E+01
36	-0.26373E+00	0.37430E+00	-0.55730E+00	0.30190E+01	0.96002E-01	-0.38205E+01
37	0.15831E+01	0.17753E+01	0.70067E+00	0.33550E+01	-0.36526E+00	-0.39223E+01
38	-0.26863E-01	0.26244E+00	0.13255E-01	0.41518E+01	0.85083E-01	-0.45429E+01
39	-0.27461E+00	0.36573E+00	-0.17524E+00	0.39676E+01	0.23811E+00	-0.42002E+01
40	-0.71726E+00	0.77021E+00	-0.57110E+00	0.32864E+01	0.63472E+00	-0.38929E+01
41	-0.95814E+00	0.17968E+00	-0.72224E+00	0.34332E+01	0.61566E+00	-0.38626E+01
42	-0.11704E+01	0.28174E+00	-0.69144E+00	0.33509E+01	0.76858E+00	-0.36097E+01
43	-0.32593E+00	0.67931E+00	-0.31660E+00	0.30469E+01	0.37859E+00	-0.38634E+01
44	-0.81243E+00	0.25569E+00	-0.63406E+00	0.29592E+01	0.68909E+00	-0.34781E+01
45	-0.11212E+01	0.94989E-01	-0.72951E+00	0.31133E+01	0.60430E+00	-0.34538E+01
46	-0.59605E+00	0.49397E+00	-0.31763E+00	0.30128E+01	0.45647E+00	-0.32622E+01
47	0.43055E+00	0.10629E+01	-0.26153E-01	0.31747E+01	0.53135E-01	-0.39484E+01
48	0.26625E+00	0.10279E+01	-0.12618E+00	0.33617E+01	0.21718E+00	-0.39776E+01
49	-0.19089E+00	0.97244E+00	-0.25318E+00	0.32399E+01	0.55998E+00	-0.41193E+01
50	-0.29401E+01	-0.31561E+00	-0.17761E+01	0.27376E+01	0.16255E+01	-0.30658E+01
51	-0.68759E+00	-0.36629E+00	-0.11166E+01	0.12787E+00	0.23548E+00	-0.78899E+00
52	-0.23219E+01	-0.16809E+01	-0.22094E+01	-0.99965E+00	0.86433E+00	0.22656E+01
53	-0.10654E+01	0.64006E+00	-0.48059E+00	0.24999E+01	0.68506E+00	-0.27892E+01
54	-0.28775E+00	-0.19578E+00	-0.24367E+00	0.39958E+01	0.93275E-01	-0.43126E+01

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5622

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55	-0.48178E+00	-0.12244E-01	-0.32508E+00	0.37567E+01	0.26124E+00	-0.37800E+01
56	-0.11008E+01	0.75481E-01	-0.58945E+00	0.32414E+01	0.70474E+00	-0.34794E+01
57	-0.93909E+00	0.13060E+00	-0.50610E+00	0.28244E+01	0.50100E+00	-0.30761E+01
58	-0.10464E+01	0.23034E+00	-0.51411E+00	0.23244E+01	0.57749E+00	-0.26115E+01
59	-0.19190E+00	-0.27131E+00	-0.20842E+00	0.39565E+01	0.82642E-02	-0.41857E+01
60	-0.63720E+00	-0.68901E+00	-0.55630E+00	0.38522E+01	0.17199E+00	-0.39119E+01
61	-0.45796E+00	-0.55502E+00	-0.40057E+00	0.38379E+01	0.10847E+00	-0.39094E+01
62	-0.53032E+00	-0.80105E+00	-0.52474E+00	0.38287E+01	-0.27885E-02	-0.37284E+01
63	-0.59666E+00	-0.34291E+00	-0.42656E+00	0.36102E+01	0.25341E+00	-0.37371E+01
64	-0.72204E+00	-0.69141E+00	-0.55339E+00	0.34369E+01	0.20965E+00	-0.34357E+01
65	-0.98979E+00	-0.11323E+00	-0.47047E+00	0.31977E+01	0.66932E+00	-0.33575E+01
66	-0.13149E+01	-0.39147E+00	-0.53663E+00	0.29597E+01	0.76282E+00	-0.29933E+01
67	-0.10662E+01	-0.76042E+00	-0.48751E+00	0.26988E+01	0.61223E+00	-0.26323E+01
68	-0.10705E+01	-0.87554E-01	-0.54319E+00	0.27139E+01	0.54142E+00	-0.28867E+01
69	-0.99147E+00	-0.30320E+00	-0.52651E+00	0.26086E+01	0.44823E+00	-0.27007E+01
70	-0.15294E+01	-0.63892E+00	-0.80537E+00	0.23465E+01	0.61501E+00	-0.22115E+01
71	-0.12151E+01	-0.96436E-01	-0.57521E+00	0.22570E+01	0.60750E+00	-0.23472E+01
72	-0.13923E+01	-0.31859E+00	-0.61115E+00	0.21107E+01	0.64737E+00	-0.20394E+01
73	-0.36881E+00	-0.44862E+00	-0.27894E+00	0.36536E+01	0.75469E-01	-0.31126E+01
74	-0.53893E+00	-0.44989E+00	-0.25881E+00	0.31912E+01	0.22023E+00	-0.27103E+01
75	-0.89728E+00	-0.43123E+00	-0.49652E-01	0.25555E+01	0.62980E+00	-0.21190E+01
76	-0.12416E+01	-0.40016E+00	-0.49623E+00	0.24927E+01	0.56038E+00	-0.22100E+01
77	-0.92273E+00	-0.59832E+00	-0.36239E+00	0.19044E+01	0.39800E+00	-0.15588E+01
78	-0.10924E+01	-0.56876E+00	-0.32955E+00	0.15630E+01	0.47054E+00	-0.10447E+01
79	-0.15397E+01	-0.44048E+00	-0.57380E+00	0.17607E+01	0.63889E+00	-0.14482E+01
80	-0.19507E+01	-0.65906E+00	-0.73287E+00	0.13025E+01	0.66007E+00	-0.95767E+00
81	-0.89391E+00	-0.27333E+00	-0.12836E+00	0.79279E+00	0.46917E+00	-0.53609E+00
82	-0.12722E+01	-0.66557E+00	-0.39178E+00	0.66429E+00	0.51906E+00	-0.36459E+00
83	-0.17315E+01	-0.34767E+00	-0.49633E+00	0.10423E+01	0.65139E+00	-0.65105E+00
84	-0.19174E+01	-0.47836E+00	-0.66724E+00	0.11705E+01	0.73649E+00	-0.76048E+00
85	-0.21506E+01	-0.34018E+00	-0.77095E+00	0.15548E+01	0.86620E+00	-0.12285E+01
86	-0.21175E+01	-0.32131E+00	-0.70690E+00	0.11795E+01	0.85076E+00	-0.75095E+00
87	-0.14234E+01	-0.27297E+00	-0.56242E+00	0.15774E+01	0.66843E+00	-0.14095E+01
88	-0.14450E+01	-0.54542E-01	-0.59547E+00	0.16896E+01	0.75499E+00	-0.17353E+01
89	-0.15515E+01	-0.63933E-01	-0.63728E+00	0.13934E+01	0.82401E+00	-0.14696E+01
90	-0.18373E+01	-0.19520E+00	-0.67185E+00	0.98776E+00	0.90844E+00	-0.77625E+00
91	-0.18949E+01	-0.28963E+00	-0.79747E+00	0.93308E+00	0.96110E+00	-0.96208E+00
92	-0.19023E+01	-0.33451E+00	-0.77099E+00	0.68500E+00	0.94418E+00	-0.57304E+00
93	-0.12561E+01	0.90701E+00	-0.46041E+00	0.17175E+01	0.78658E+00	-0.22706E+01
94	-0.13402E+01	0.15037E+00	-0.74014E+00	0.17661E+01	0.67280E+00	-0.22170E+01
95	-0.92457E+00	-0.27671E+00	-0.78245E+00	0.12155E+01	0.56218E+00	-0.16023E+01
96	-0.12001E+01	0.72725E-01	-0.63630E+00	0.17191E+01	0.60655E+00	-0.19511E+01
97	-0.80538E+00	-0.11611E+00	-0.64506E+00	0.13282E+01	0.55308E+00	-0.13498E+01
98	-0.99976E+00	-0.10249E+00	-0.61697E+00	0.11835E+01	0.48927E+00	-0.13753E+01
99	-0.10970E+01	0.17904E+00	-0.49461E+00	0.13448E+01	0.54895E+00	-0.15111E+01
100	-0.83789E+00	0.13813E+00	-0.41581E+00	0.96137E+00	0.46522E+00	-0.98940E+00
101	-0.99869E+00	-0.95713E-01	-0.54684E+00	0.70649E+00	0.44593E+00	-0.71360E+00
102	-0.75146E+00	0.17615E+00	-0.22566E+00	0.72746E+00	0.42416E+00	-0.65328E+00
103	-0.50691E+00	-0.11181E+00	-0.27517E+00	0.23779E+00	0.31368E+00	-0.30878E+00
104	-0.53826E+00	-0.18503E+00	-0.27827E+00	0.40915E-01	0.30056E+00	-0.14952E+00
105	-0.16085E+01	0.16871E+00	-0.95029E+00	0.15104E+01	0.10293E+01	-0.21623E+01
106	-0.25365E+01	-0.14489E+01	-0.21907E+01	0.25385E-01	0.11772E+01	-0.95735E+00
107	-0.19339E+01	-0.90334E+00	-0.16868E+01	0.76520E+00	0.11067E+01	-0.13577E+01
108	-0.16101E+01	-0.80222E+00	-0.15099E+01	0.79207E+00	0.10271E+01	-0.15566E+01
109	-0.15167E+01	-0.79703E+00	-0.15294E+01	0.26151E+00	0.10068E+01	-0.95866E+00
110	-0.28953E+00	0.27456E+00	-0.55133E+00	0.11480E+01	0.87915E+00	-0.15770E+01
111	-0.15506E-02	0.81877E-01	-0.58585E+00	0.81498E+00	0.74156E+00	-0.82141E+00
112	0.24079E-01	0.10289E+00	-0.54279E+00	0.12962E+01	0.73285E+00	-0.81019E+00
113	0.47234E+00	0.57835E+00	-0.42239E-01	0.14269E+01	0.54740E+00	-0.16332E+01
114	0.41811E+00	0.54280E+00	-0.25317E+00	0.11692E+01	0.43823E+00	-0.78944E+00

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115	0.47703E+00	0.37526E+00	-0.13634E+00	0.20400E+01	0.40927E+00	-0.76126E+00
116	0.23107E+00	0.53663E+00	-0.50432E-01	0.15676E+01	0.20956E+00	-0.13837E+01
117	-0.27556E+00	-0.82753E-01	-0.47361E+00	0.17202E+01	0.27512E-01	-0.71004E+00
118	-0.21278E+00	-0.54444E-01	-0.34246E+00	0.14766E+01	-0.61683E-02	-0.65210E+00
119	-0.97341E-01	0.42095E+00	-0.80058E-01	0.12488E+01	-0.10726E+00	-0.10145E+01
120	-0.43952E+00	-0.18357E+00	-0.37747E+00	0.12509E+01	-0.24367E+00	-0.57982E+00
121	-0.39963E+00	-0.17436E+00	-0.29239E+00	0.10600E+01	-0.27130E+00	-0.50527E+00
122	0.55056E-01	0.61515E+00	0.17658E+00	0.10280E+01	-0.32564E+00	-0.76233E+00
123	-0.14863E+00	-0.22783E-01	-0.50940E-01	0.86595E+00	-0.45254E+00	-0.41870E+00
124	-0.13157E+00	-0.24358E-01	-0.67120E-02	0.67166E+00	-0.46612E+00	-0.33298E+00
125	-0.15222E+00	0.13534E+00	-0.13756E-01	0.57090E+00	-0.44616E+00	-0.34128E+00
126	-0.69489E-01	0.57287E-02	0.79738E-01	0.45066E+00	-0.51576E+00	-0.22532E+00
127	-0.70274E-01	-0.43367E-02	0.87841E-01	0.24078E+00	-0.52020E+00	-0.16207E+00
128	0.27021E+00	0.30229E+00	0.32321E+00	0.33449E+00	-0.52416E+00	-0.14992E+00
129	0.60953E+00	0.40829E+00	0.56337E+00	0.20030E+00	-0.58485E+00	-0.59934E-01
130	-0.18069E+01	0.43229E+00	-0.89697E+00	0.25819E+01	0.10899E+01	-0.30536E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.5900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.58779E+00	-0.39186E+01	0.33308E+01	0.45090E+02	-0.21936E+02	-0.20720E+02
131	-0.44015E-01	-0.29343E+00	0.24942E+00	0.98658E+02	-0.38458E+02	-0.67067E+02
132	-0.12847E+00	-0.85647E+00	0.72800E+00	0.16519E+03	-0.63349E+02	-0.11493E+03
133	-0.47608E-01	-0.31738E+00	0.26978E+00	0.24098E+03	-0.88968E+02	-0.16809E+03
134	-0.11619E+00	-0.77459E+00	0.65840E+00	0.32666E+03	-0.11594E+03	-0.23059E+03
135	-0.24583E+00	-0.16389E+01	0.13930E+01	0.39240E+03	-0.13691E+03	-0.28558E+03
136	-0.10297E+00	-0.68649E+00	0.58352E+00	0.44569E+03	-0.14657E+03	-0.32239E+03
137	-0.51556E-01	-0.54357E+00	0.46204E+00	0.43663E+03	-0.16150E+03	-0.33924E+03
138	-0.40826E+00	-0.27217E+01	0.17816E+01	0.44734E+03	-0.28852E+03	-0.36501E+03
139	0.44967E+00	0.29978E+01	-0.44745E+01	0.42980E+03	-0.54206E+03	-0.38755E+03
140	0.20986E+01	0.13991E+02	-0.11892E+02	0.55234E+03	-0.65637E+03	-0.43827E+03
141	0.20054E+01	0.13369E+02	-0.11364E+02	0.54899E+03	-0.66606E+03	-0.46737E+03
142	0.22703E+01	0.15135E+02	-0.12865E+02	0.57577E+03	-0.66860E+03	-0.49434E+03
143	0.23395E+01	0.15597E+02	-0.13257E+02	-0.22153E+03	-0.78765E+03	0.31100E+03
144	0.27909E+01	0.18605E+02	-0.15815E+02	-0.21886E+03	-0.77826E+03	0.28408E+03
145	-0.14464E+01	-0.96424E+01	0.32567E+01	0.22214E+03	-0.57262E+03	0.83331E+03
146	-0.59023E+00	-0.39349E+01	0.34932E+01	0.21890E+03	-0.42260E+03	0.75413E+03
147	-0.60004E+00	-0.40003E+01	0.34030E+01	0.20668E+03	-0.43201E+03	0.73914E+03
148	-0.61129E+00	-0.40753E+01	-0.11019E+01	0.20253E+03	-0.44131E+03	0.74127E+03
149	-0.62435E+00	-0.41623E+01	-0.10205E+01	0.20140E+03	-0.45155E+03	0.75767E+03
150	-0.70816E+00	-0.47211E+01	-0.53856E+00	0.15595E+03	-0.48601E+03	0.73252E+03
151	-0.84768E+00	-0.56512E+01	-0.16152E+02	0.15212E+03	-0.54697E+03	0.75086E+03
152	-0.80477E+00	-0.53651E+01	-0.28860E+02	0.15166E+03	-0.51820E+03	0.74186E+03
153	-0.73997E+00	-0.49331E+01	-0.25413E+02	0.13298E+03	-0.47744E+03	0.72166E+03
154	-0.59739E+00	-0.39826E+01	-0.48467E+02	0.11756E+03	-0.38392E+03	0.69758E+03
155	-0.39437E+00	-0.26291E+01	-0.39505E+02	0.12363E+03	-0.24654E+03	0.64821E+03
156	-0.22854E+00	-0.15236E+01	-0.33653E+02	0.10319E+03	-0.13814E+03	0.59723E+03
157	-0.92537E-01	-0.61691E+00	-0.26854E+02	0.94742E+02	-0.47989E+02	0.52820E+03
158	0.13866E-01	0.12573E+00	-0.22520E+02	0.79416E+02	0.24594E+02	0.46184E+03
159	0.10774E+00	0.71627E+00	-0.16188E+02	0.54242E+02	0.80557E+02	0.37922E+03
160	0.17462E+00	0.11641E+01	-0.11356E+02	0.41416E+02	0.12358E+03	0.30235E+03
161	0.24522E+00	0.16346E+01	-0.68109E+01	0.24961E+02	0.15811E+03	0.21037E+03
162	0.27431E+00	0.18287E+01	-0.13842E+01	0.16383E+02	0.16451E+03	0.14484E+03
163	0.33119E+00	0.22079E+01	-0.10198E+01	-0.53153E+01	0.19486E+03	0.99654E+02
164	0.35272E+00	0.23514E+01	-0.85436E-01	-0.20497E+02	0.20530E+03	0.60105E+02

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165	0.18582E+03	0.32894E+02	-0.39252E+01	0.10132E+02	0.21715E+03	0.42179E+02
166	0.15413E+03	0.25359E+02	-0.12126E+01	0.78681E+01	0.20353E+03	0.39450E+02
167	0.12490E+03	0.18789E+02	0.54857E+00	0.65661E+01	0.17571E+03	0.37206E+02
168	0.97906E+02	0.13642E+02	0.14618E+01	0.52583E+01	0.14681E+03	0.35339E+02
169	0.65351E+02	0.77187E+01	0.23650E+01	0.40977E+01	0.12863E+03	0.33279E+02
170	0.32779E+02	0.16310E+01	0.35142E+01	0.27765E+01	0.11911E+03	0.30897E+02
171	-0.16776E+01	-0.43994E+01	0.42446E+01	0.97199E+00	0.10067E+03	0.27439E+02
172	-0.21920E+02	-0.72444E+01	0.39622E+01	-0.91237E+00	0.75428E+02	0.23475E+02
173	-0.23540E+02	-0.60345E+01	0.24833E+01	-0.20013E+01	0.51034E+02	0.20379E+02
174	-0.16634E+02	-0.31023E+01	0.64718E+00	-0.23092E+01	0.32358E+02	0.17645E+02
175	-0.42139E+01	-0.30612E-01	-0.49231E+00	-0.15302E+01	0.23581E+02	0.15658E+02
176	0.86970E+00	0.86251E+00	-0.61801E+00	-0.74708E+00	0.23472E+02	0.14132E+02
177	0.23208E+01	0.78484E+00	-0.35775E+00	-0.16504E+00	0.23653E+02	0.11545E+02
178	0.11685E+01	0.14912E+00	0.41843E-01	0.20304E-01	0.17796E+02	0.83817E+01
179	-0.37902E+00	-0.16807E+00	0.11088E+00	-0.26093E+00	0.12505E+02	0.58435E+01
180	-0.68664E-01	-0.50212E-01	0.40749E-01	-0.40109E+00	0.72394E+01	0.34906E+01
181	-0.10732E+00	-0.13037E+00	0.10308E+00	-0.65332E+00	0.32897E+01	0.11692E+01
182	0.34975E+00	0.16245E+00	-0.95643E-01	-0.34876E+00	-0.85675E+00	-0.91240E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6000E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.39301E-01	-0.57164E-04	-0.39511E-01	0.00000E+00
3	0.73270E-01	0.13652E-03	-0.73299E-01	0.00000E+00
4	0.81750E-01	0.17362E-03	-0.81639E-01	0.00000E+00
5	0.93303E-01	0.22711E-04	-0.93290E-01	0.00000E+00
6	0.10096E+00	0.53438E-05	-0.10097E+00	0.00000E+00
7	0.93377E-01	0.84685E-03	-0.93333E-01	0.00000E+00
8	0.10119E+00	0.70460E-03	-0.10121E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.38378E-01	0.42848E-03	-0.38165E-01	0.00000E+00
11	0.72139E-01	0.10358E-02	-0.71956E-01	0.00000E+00
12	0.81060E-01	0.12643E-02	-0.80930E-01	0.00000E+00
13	0.93429E-01	0.12057E-02	-0.93313E-01	0.00000E+00
14	0.10175E+00	0.10316E-02	-0.10188E+00	0.00000E+00
15	0.93882E-01	0.18835E-02	-0.94163E-01	0.00000E+00
16	0.10269E+00	0.14897E-02	-0.10305E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.37352E-01	0.68005E-03	-0.37496E-01	0.00000E+00
19	0.71267E-01	0.16861E-02	-0.71455E-01	0.00000E+00
20	0.80797E-01	0.20949E-02	-0.80961E-01	0.00000E+00
21	0.94310E-01	0.20269E-02	-0.94694E-01	0.00000E+00
22	0.10407E+00	0.16895E-02	-0.10480E+00	0.00000E+00
23	0.94971E-01	0.25600E-02	-0.95645E-01	0.00000E+00
24	0.10593E+00	0.18396E-02	-0.10729E+00	0.00000E+00
25	0.10704E+00	0.22426E-02	-0.10887E+00	0.00000E+00
26	0.10771E+00	0.22371E-02	-0.10984E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.36047E-01	0.49073E-03	-0.35460E-01	0.00000E+00
29	0.69699E-01	0.14386E-02	-0.68695E-01	0.00000E+00
30	0.79861E-01	0.20021E-02	-0.78969E-01	0.00000E+00
31	0.95162E-01	0.24225E-02	-0.95783E-01	0.00000E+00
32	0.10838E+00	0.20980E-02	-0.11086E+00	0.00000E+00
33	0.95096E-01	0.24495E-02	-0.95506E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.35834E-01	0.28427E-03	-0.34410E-01	0.00000E+00
36	0.69032E-01	0.97026E-03	-0.66912E-01	0.00000E+00
37	0.79244E-01	0.13661E-02	-0.76905E-01	0.00000E+00
38	0.94990E-01	0.19323E-02	-0.94818E-01	0.00000E+00
39	0.10924E+00	0.22771E-02	-0.11234E+00	0.00000E+00
40	0.10907E+00	0.22715E-02	-0.11202E+00	0.00000E+00
41	0.10889E+00	0.22645E-02	-0.11172E+00	0.00000E+00
42	0.10871E+00	0.22468E-02	-0.11137E+00	0.00000E+00
43	0.77933E-01	0.34432E-03	-0.71095E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.33894E-01	-0.19867E-03	-0.23698E-01	0.00000E+00
46	0.66034E-01	-0.21766E-03	-0.55811E-01	0.00000E+00
47	0.10928E+00	0.22771E-02	-0.11238E+00	0.00000E+00
48	0.10930E+00	0.22774E-02	-0.11245E+00	0.00000E+00
49	0.94913E-01	0.17560E-02	-0.94407E-01	0.00000E+00
50	0.10936E+00	0.22983E-02	-0.11281E+00	0.00000E+00
51	0.93311E-01	0.79735E-03	-0.86437E-01	0.00000E+00
52	0.10676E+00	0.25447E-02	-0.10061E+00	0.00000E+00
53	0.10922E+00	0.22702E-02	-0.11216E+00	0.00000E+00
54	0.75731E-01	0.63202E-04	-0.64079E-01	0.00000E+00
55	0.90620E-01	0.64419E-03	-0.77297E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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5622

57	0.31598E-01	-0.73619E-03	-0.21502E-01	0.00000E+00
58	0.61349E-01	-0.32673E-03	-0.42839E-01	0.00000E+00
59	0.10264E+00	0.15273E-02	-0.83324E-01	0.00000E+00
60	0.10564E+00	0.22723E-02	-0.96900E-01	0.00000E+00
61	0.10938E+00	0.23159E-02	-0.11301E+00	0.00000E+00
62	0.70904E-01	-0.98124E-03	-0.48978E-01	0.00000E+00
63	0.84128E-01	-0.30302E-03	-0.58330E-01	0.00000E+00
64	0.10739E+00	0.25794E-02	-0.10132E+00	0.00000E+00
65	0.10940E+00	0.23328E-02	-0.11322E+00	0.00000E+00
66	0.10955E+00	0.23658E-02	-0.11362E+00	0.00000E+00
67	0.10971E+00	0.23971E-02	-0.11403E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.29728E-01	-0.76173E-03	-0.15194E-01	0.00000E+00
70	0.57102E-01	-0.18123E-02	-0.29851E-01	0.00000E+00
71	0.98124E-01	-0.57342E-03	-0.67213E-01	0.00000E+00
72	0.10755E+00	0.26410E-02	-0.98833E-01	0.00000E+00
73	0.77430E-01	-0.22496E-02	-0.40698E-01	0.00000E+00
74	0.11022E+00	0.25270E-02	-0.10193E+00	0.00000E+00
75	0.10934E+00	0.24188E-02	-0.11442E+00	0.00000E+00
76	0.11067E+00	0.24524E-02	-0.11512E+00	0.00000E+00
77	0.38002E-01	-0.20600E-02	-0.46290E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.28039E-01	-0.11236E-02	-0.96114E-02	0.00000E+00
80	0.52606E-01	-0.24064E-02	-0.17433E-01	0.00000E+00
81	0.59444E-01	-0.31045E-02	-0.19578E-01	0.00000E+00
82	0.69942E-01	-0.32396E-02	-0.23267E-01	0.00000E+00
83	0.10683E+00	-0.14038E-04	-0.75768E-01	0.00000E+00
84	0.91390E-01	-0.27968E-02	-0.36439E-01	0.00000E+00
85	0.11243E+00	0.24957E-02	-0.11604E+00	0.00000E+00
86	0.11461E+00	0.27466E-02	-0.10558E+00	0.00000E+00
87	0.79500E-01	-0.33430E-02	-0.27054E-01	0.00000E+00
88	0.11182E+00	0.15270E-02	-0.91286E-01	0.00000E+00
89	0.11400E+00	0.25279E-02	-0.11694E+00	0.00000E+00
90	0.56424E-01	-0.21952E-02	0.13506E-02	0.00000E+00
91	0.61311E-01	-0.21484E-02	0.18888E-02	0.00000E+00
92	0.64705E-01	-0.20106E-02	0.15108E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.19165E-01	0.00000E+00	0.10850E-01	0.00000E+00
95	0.35795E-01	0.00000E+00	0.19073E-01	0.00000E+00
96	0.39819E-01	0.00000E+00	0.20860E-01	0.00000E+00
97	0.44939E-01	0.00000E+00	0.21576E-01	0.00000E+00
98	0.46828E-01	0.00000E+00	0.21504E-01	0.00000E+00
99	0.53565E-01	-0.14744E-02	0.11376E-01	0.00000E+00
100	0.70581E-01	-0.22137E-02	-0.45425E-02	0.00000E+00
101	0.10059E+00	-0.20424E-02	-0.40448E-01	0.00000E+00
102	0.11815E+00	0.25515E-02	-0.11824E+00	0.00000E+00
103	0.11309E+00	0.34659E-03	-0.80320E-01	0.00000E+00
104	0.12094E+00	0.27316E-02	-0.11036E+00	0.00000E+00
105	0.12161E+00	0.25673E-02	-0.11944E+00	0.00000E+00
106	0.11755E+00	0.66878E-03	-0.83824E-01	0.00000E+00
107	0.12576E+00	0.28728E-02	-0.11391E+00	0.00000E+00
108	0.12457E+00	0.25534E-02	-0.12055E+00	0.00000E+00
109	0.12695E+00	0.25286E-02	-0.12152E+00	0.00000E+00
110	0.12381E+00	0.12217E-02	-0.83435E-01	0.00000E+00
111	0.12944E+00	0.30665E-02	-0.11667E+00	0.00000E+00
112	0.12893E+00	0.24868E-02	-0.12236E+00	0.00000E+00
113	0.12653E+00	0.14026E-02	-0.95270E-01	0.00000E+00
114	0.13036E+00	0.24236E-02	-0.12304E+00	0.00000E+00
115	0.13136E+00	0.23529E-02	-0.12357E+00	0.00000E+00
116	0.13182E+00	0.22774E-02	-0.12389E+00	0.00000E+00

117	0.13097E+00	0.23707E-02	-0.11809E+00	0.00000E+00
118	0.13134E+00	0.22398E-02	-0.12399E+00	0.00000E+00
119	0.13178E+00	0.21733E-02	-0.12407E+00	0.00000E+00
120	0.13202E+00	0.25652E-02	-0.11944E+00	0.00000E+00
121	0.13164E+00	0.20782E-02	-0.12411E+00	0.00000E+00
122	0.13163E+00	0.19950E-02	-0.12425E+00	0.20671E-04
123	0.13157E+00	0.18135E-02	-0.12437E+00	0.37772E-04
124	0.13146E+00	0.15175E-02	-0.12448E+00	0.58638E-04
125	0.13125E+00	0.10757E-02	-0.12460E+00	0.85614E-04
126	0.13075E+00	-0.57941E-06	-0.12480E+00	0.12384E-03
127	0.13011E+00	-0.13462E-02	-0.12498E+00	0.14057E-03
128	0.12874E+00	-0.44204E-02	-0.12537E+00	0.12960E-03
129	0.12771E+00	-0.68853E-02	-0.12572E+00	0.91640E-04
130	0.12706E+00	-0.85770E-02	-0.12611E+00	0.39786E-04
131	0.12705E+00	-0.87336E-02	-0.12670E+00	-0.23204E-04
132	0.12759E+00	-0.70491E-02	-0.12723E+00	-0.45199E-04
133	0.12812E+00	-0.51038E-02	-0.12770E+00	-0.39126E-04
134	0.12844E+00	-0.37010E-02	-0.12809E+00	-0.25569E-04
135	0.12860E+00	-0.28100E-02	-0.12840E+00	-0.18324E-04
136	0.12872E+00	-0.19754E-02	-0.12863E+00	-0.20243E-04
137	0.12879E+00	-0.11013E-02	-0.12877E+00	-0.20573E-04
138	0.12885E+00	-0.16813E-03	-0.12885E+00	-0.21627E-04
139	0.12885E+00	-0.20698E-04	-0.12885E+00	-0.20736E-04

A7R

000474

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6000E+01

A71

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.12046E+00	-0.45800E-02	-0.49832E-01	0.47656E+01	0.51351E-01	-0.47611E+01
2	-0.25095E+00	0.38270E-02	-0.92140E-01	0.41920E+01	0.96734E-01	-0.41837E+01
3	-0.36811E+00	0.73107E-02	-0.29488E-01	0.33421E+01	0.12645E+00	-0.33735E+01
4	0.71214E-01	-0.21144E-01	0.10480E+00	0.26520E+01	-0.38137E-01	-0.27123E+01
5	-0.19361E+00	-0.13763E-01	-0.34774E-01	0.26925E+01	0.46805E-01	-0.27482E+01
6	0.46868E-01	0.29261E-02	0.49311E-01	0.27446E+01	-0.67780E-02	-0.28028E+01
7	0.96277E-01	0.36716E-02	0.46476E-01	0.18714E+01	-0.28572E-01	-0.18844E+01
8	0.19171E+00	0.97959E-02	0.80940E-01	0.18693E+01	-0.58579E-01	-0.19567E+01
9	0.39484E-01	0.25331E+00	0.11958E+00	0.46376E+01	0.24692E-01	-0.46378E+01
10	-0.37341E-01	0.30485E+00	0.10929E+00	0.41702E+01	0.43903E-01	-0.41890E+01
11	-0.12993E+00	0.27731E+00	0.41738E-01	0.34959E+01	0.36879E-01	-0.35427E+01
12	0.43625E+00	0.24734E+00	0.27097E+00	0.28022E+01	-0.15253E+00	-0.27954E+01
13	0.88742E-02	0.14479E+00	0.43852E-01	0.28814E+01	0.34860E-02	-0.29690E+01
14	0.35041E+00	0.16632E+00	0.16358E+00	0.29536E+01	-0.82414E-01	-0.30742E+01
15	0.45549E+00	0.75871E-01	0.17966E+00	0.20224E+01	-0.17055E+00	-0.20571E+01
16	0.55271E+00	0.69236E-01	0.18791E+00	0.21121E+01	-0.18353E+00	-0.22197E+01
17	0.45616E-02	0.24603E+00	0.10968E+00	0.44784E+01	0.73300E-01	-0.44674E+01
18	-0.13357E+00	0.32176E+00	0.10212E+00	0.41126E+01	0.17106E+00	-0.41390E+01
19	-0.35754E+00	0.37624E+00	0.66796E-01	0.35348E+01	0.33446E+00	-0.37365E+01
20	0.59004E+00	0.32159E+00	0.31712E+00	0.30240E+01	-0.15473E+00	-0.30685E+01
21	-0.54501E-01	0.33350E+00	0.11344E+00	0.31628E+01	0.17665E+00	-0.34745E+01
22	0.54850E+00	0.66362E+00	0.47293E+00	0.32910E+01	-0.19848E-01	-0.37168E+01
23	0.76822E+00	0.75020E-01	0.24905E+00	0.23838E+01	-0.27872E+00	-0.25184E+01
24	0.15835E+01	0.45767E+00	0.69088E+00	0.26024E+01	-0.52712E+00	-0.26863E+01
25	0.71275E+00	0.23903E+00	0.26188E+00	0.27159E+01	-0.20596E+00	-0.30971E+01
26	0.22409E+01	0.11810E+01	0.12206E+01	0.28680E+01	-0.64925E+00	-0.34482E+01
27	-0.63321E-01	0.13017E+00	0.57227E-01	0.43558E+01	0.11467E+00	-0.42745E+01
28	-0.21908E+00	0.22675E+00	0.87041E-01	0.40199E+01	0.30868E+00	-0.40364E+01
29	-0.65321E+00	0.28867E+00	0.91076E-01	0.34621E+01	0.84285E+00	-0.37852E+01
30	0.14202E+00	0.39650E+00	0.21161E+00	0.33299E+01	0.15131E+00	-0.37103E+01
31	-0.26497E+00	0.42178E+00	0.13757E+00	0.31908E+01	0.55675E+00	-0.38714E+01
32	0.19462E+00	0.56435E+00	0.35753E+00	0.31061E+01	0.38723E+00	-0.39339E+01
33	0.16727E+01	0.88057E+00	0.89458E+00	0.31701E+01	-0.34794E+00	-0.36398E+01
34	0.41193E+01	0.25226E+01	0.24991E+01	0.33336E+01	-0.97643E+00	-0.39705E+01
35	0.80439E+00	0.31019E+00	0.28297E+00	0.33302E+01	-0.29755E+00	-0.39697E+01
36	-0.41373E+00	-0.25058E+00	-0.34840E+00	0.30702E+01	0.43603E+00	-0.41208E+01
37	0.13395E+01	0.10983E+01	0.82512E+00	0.34367E+01	-0.32175E+00	-0.42776E+01
38	-0.21839E+00	-0.86016E-01	-0.33269E-01	0.42320E+01	0.16850E+00	-0.38570E+01
39	-0.46139E+00	-0.47887E-01	0.56342E-01	0.39528E+01	0.49613E+00	-0.36472E+01
40	-0.62124E+00	0.20369E+00	0.24219E+00	0.34395E+01	0.14638E+01	-0.37028E+01
41	-0.11083E+01	-0.29147E+00	0.23834E+00	0.36285E+01	0.13024E+01	-0.35833E+01
42	-0.14877E+01	-0.47341E-01	0.43733E+00	0.34584E+01	0.16209E+01	-0.30339E+01
43	-0.55834E+00	-0.24454E-03	-0.44454E-01	0.32156E+01	0.84038E+00	-0.39622E+01
44	-0.89839E+00	-0.11767E+00	-0.83638E-01	0.31577E+01	0.13338E+01	-0.33476E+01
45	-0.14798E+01	-0.39183E+00	-0.18759E+00	0.33065E+01	0.13133E+01	-0.33374E+01
46	-0.78168E+00	0.19927E+00	0.39888E+00	0.31794E+01	0.93616E+00	-0.28713E+01
47	0.30575E+00	0.48073E+00	0.20952E+00	0.32554E+01	0.31725E+00	-0.43274E+01
48	-0.69121E-01	0.30373E+00	-0.49589E-01	0.34562E+01	0.30291E+00	-0.43833E+01
49	-0.57536E+00	0.20646E+00	-0.12335E+00	0.34038E+01	0.10521E+01	-0.47204E+01
50	-0.31600E+01	-0.73677E+00	-0.13314E+01	0.29346E+01	0.27519E+01	-0.31152E+01
51	-0.53146E+00	-0.31876E+00	-0.58294E+00	0.14176E+00	0.33842E+00	-0.86018E+00
52	-0.12635E+01	-0.21875E+00	-0.65272E+00	-0.10335E+01	0.15391E+01	0.49067E+01
53	-0.12991E+01	0.34960E+00	0.27284E+00	0.26424E+01	0.14768E+01	-0.26556E+01
54	-0.47374E+00	-0.42700E+00	-0.19384E+00	0.39887E+01	0.20443E+00	-0.30641E+01

5622

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55	-0.75145E+00	-0.29521E+00	0.65273E-01	0.37677E+01	0.56695E+00	-0.39532E+01
56	-0.15628E+01	-0.18737E+00	0.73744E+00	0.33075E+01	0.15730E+01	-0.26261E+01
57	-0.12855E+01	-0.14103E+00	0.35816E+00	0.29376E+01	0.11444E+01	-0.24400E+01
58	-0.13956E+01	-0.27519E-01	0.48314E+00	0.24477E+01	0.13608E+01	-0.21607E+01
59	-0.18124E+00	-0.36120E+00	-0.91906E-01	0.38742E+01	-0.44668E-01	-0.26247E+01
60	-0.83007E+00	-0.72741E+00	-0.33674E+00	0.36316E+01	0.36032E+01	-0.18509E+01
61	-0.62602E+00	-0.56441E+00	-0.13331E+00	0.36069E+01	0.29694E+00	-0.18500E+01
62	-0.28866E+00	-0.55333E+00	-0.15336E+00	0.34270E+01	-0.65156E-01	-0.11708E+01
63	-0.85050E+00	-0.49756E+00	0.94880E-01	0.34783E+01	0.48105E+00	-0.21955E+01
64	-0.89451E+00	-0.72607E+00	0.77527E-01	0.31391E+01	0.40080E+00	-0.13571E+01
65	-0.16254E+01	-0.34637E+00	0.96173E+00	0.31758E+01	0.13076E+01	-0.22192E+01
66	-0.20230E+01	-0.51120E+00	0.10516E+01	0.28040E+01	0.14591E+01	-0.15773E+01
67	-0.16071E+01	-0.80016E+00	0.11585E+01	0.24202E+01	0.10979E+01	-0.75464E+00
68	-0.15797E+01	-0.34143E+00	0.45584E+00	0.27398E+01	0.10909E+01	-0.20052E+01
69	-0.13363E+01	-0.43260E+00	0.56824E+00	0.25634E+01	0.81837E+00	-0.13616E+01
70	-0.19503E+01	-0.71095E+00	0.37782E+00	0.21887E+01	0.99556E+00	-0.76330E+00
71	-0.16637E+01	-0.28841E+00	0.62484E+00	0.23178E+01	0.11687E+01	-0.15468E+01
72	-0.18390E+01	-0.43459E+00	0.68724E+00	0.20823E+01	0.10187E+01	-0.98109E+00
73	-0.37852E+00	-0.35316E+00	-0.23744E-01	0.28950E+01	0.91517E-01	0.77929E-01
74	-0.62796E+00	-0.31386E+00	0.39206E+00	0.25499E+01	0.24763E+00	0.31476E-01
75	-0.13964E+01	-0.31637E+00	0.14511E+01	0.20925E+01	0.65490E+00	-0.43629E-01
76	-0.15242E+01	-0.41122E+00	0.70100E+00	0.23198E+01	0.53990E+00	-0.76804E+00
77	-0.11300E+01	-0.55816E+00	0.70971E+00	0.15391E+01	0.38153E+00	0.17028E+00
78	-0.96594E+00	0.79458E-01	0.10396E+01	0.12045E+01	0.37139E+00	0.16118E+00
79	-0.18332E+01	-0.47156E+00	0.69721E+00	0.16134E+01	0.58220E+00	-0.32325E+00
80	-0.20153E+01	-0.56048E+00	0.54299E+00	0.11213E+01	0.31652E+00	0.13420E+00
81	-0.11134E+01	-0.25080E+00	0.95127E+00	0.64027E+00	0.34184E+00	0.13154E+00
82	-0.11729E+01	-0.75414E-01	0.98436E+00	0.52943E+00	0.29513E+00	-0.11721E-01
83	-0.13007E+01	-0.28969E+00	0.80855E+00	0.10051E+01	0.29100E+00	-0.87981E-01
84	-0.22104E+01	-0.52425E+00	0.64668E+00	0.10786E+01	0.62273E+00	-0.36719E-01
85	-0.25203E+01	-0.39347E+00	0.66641E+00	0.15966E+01	0.78543E+00	-0.67013E+00
86	-0.24519E+01	-0.36903E+00	0.81417E+00	0.12728E+01	0.74599E+00	-0.51595E+00
87	-0.18063E+01	-0.29260E+00	0.93451E+00	0.16028E+01	0.10335E+01	-0.49428E+00
88	-0.19452E+01	-0.25424E+00	0.72791E+00	0.17604E+01	0.13768E+01	-0.12678E+01
89	-0.20899E+01	-0.27864E+00	0.70958E+00	0.15514E+01	0.14665E+01	-0.12204E+01
90	-0.22708E+01	-0.27643E+00	0.86456E+00	0.11017E+01	0.15189E+01	-0.52253E+00
91	-0.24522E+01	-0.50265E+00	0.58477E+00	0.10658E+01	0.16391E+01	-0.94383E+00
92	-0.24022E+01	-0.45351E+00	0.66067E+00	0.53996E+00	0.16261E+01	-0.72315E+00
93	-0.15526E+01	0.60119E+00	0.26314E+00	0.18996E+01	0.17089E+01	-0.21413E+01
94	-0.17147E+01	-0.15750E+00	0.10965E+00	0.18751E+01	0.15722E+01	-0.20006E+01
95	-0.11987E+01	-0.54463E+00	0.65629E-01	0.13438E+01	0.15713E+01	-0.15346E+01
96	-0.14656E+01	-0.10803E+00	0.52009E+00	0.19110E+01	0.14805E+01	-0.16520E+01
97	-0.10393E+01	-0.32816E+00	0.24745E+00	0.15579E+01	0.15600E+01	-0.13446E+01
98	-0.12777E+01	-0.26937E+00	0.51730E+00	0.12383E+01	0.14765E+01	-0.12434E+01
99	-0.13141E+01	0.98235E-01	0.87597E+00	0.15093E+01	0.14041E+01	-0.12434E+01
100	-0.10740E+01	0.57178E-01	0.77772E+00	0.11117E+01	0.14605E+01	-0.98570E+00
101	-0.13142E+01	-0.18147E+00	0.49324E+00	0.86019E+00	0.14949E+01	-0.79131E+00
102	-0.99249E+00	0.13030E+00	0.10749E+01	0.89530E+00	0.14040E+01	-0.81365E+00
103	-0.72224E+00	-0.14070E+00	0.74162E+00	0.30120E+00	0.13775E+01	-0.43500E+00
104	-0.79899E+00	-0.25327E+00	0.56232E+00	0.13028E+00	0.13788E+01	-0.35961E+00
105	-0.15873E+01	0.47658E-01	-0.14135E+00	0.16791E+01	0.20163E+01	-0.19278E+01
106	-0.24373E+01	-0.13813E+01	-0.15497E+01	0.12930E+00	0.21228E+01	-0.95241E+00
107	-0.18926E+01	-0.97421E+00	-0.10635E+01	0.88355E+00	0.20506E+01	-0.13352E+01
108	-0.15454E+01	-0.86436E+00	-0.64464E+00	0.91085E+00	0.19875E+01	-0.13545E+01
109	-0.13504E+01	-0.67040E+00	-0.80079E+00	0.37303E+00	0.20000E+01	-0.95531E+00
110	-0.14052E+00	0.25096E+00	0.19474E+00	0.13272E+01	0.18644E+01	-0.14448E+01
111	0.34301E+00	0.34961E+00	0.27622E+00	0.95168E+00	0.17864E+01	-0.82146E+00
112	0.37024E+00	0.37438E+00	0.31970E+00	0.14768E+01	0.17783E+01	-0.81378E+00
113	0.59879E+00	0.44236E+00	0.73566E+00	0.15405E+01	0.15495E+01	-0.15482E+01
114	0.68087E+00	0.56507E+00	0.55847E+00	0.13115E+01	0.15165E+01	-0.79344E+00

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115	0.74588E+00	0.60724E+00	0.68280E+00	0.22765E+01	0.14869E+01	-0.77044E+00
116	0.29672E+00	0.39027E+00	0.70748E+00	0.17406E+01	0.12353E+01	-0.13587E+01
117	-0.30900E-01	0.11650E+00	0.31228E+00	0.18946E+01	0.11229E+01	-0.71926E+00
118	-0.72517E-02	0.15801E+00	0.45490E+00	0.16254E+01	0.10884E+01	-0.66610E+00
119	-0.60274E-03	0.40613E+00	0.74830E+00	0.13369E+01	0.95017E+00	-0.10240E+01
120	-0.30969E+00	-0.12479E-01	0.37241E+00	0.13373E+01	0.85216E+00	-0.59313E+00
121	-0.26092E+00	0.17757E-01	0.46410E+00	0.11207E+01	0.83070E+00	-0.52210E+00
122	0.11162E+00	0.57850E+00	0.96739E+00	0.10637E+01	0.71144E+00	-0.81385E+00
123	0.13452E-01	0.19378E+00	0.71055E+00	0.85896E+00	0.63904E+00	-0.43365E+00
124	0.33280E-01	0.21044E+00	0.75596E+00	0.62928E+00	0.62875E+00	-0.35041E+00
125	-0.90180E-01	0.11623E+00	0.75188E+00	0.49825E+00	0.57327E+00	-0.45057E+00
126	0.11137E+00	0.25869E+00	0.82144E+00	0.32844E+00	0.54525E+00	-0.23870E+00
127	0.11351E+00	0.26114E+00	0.82435E+00	0.98390E-01	0.54487E+00	-0.17576E+00
128	0.46125E+00	0.44078E+00	0.10632E+01	0.20907E+00	0.47595E+00	-0.27176E+00
129	0.10419E+01	0.83474E+00	0.14057E+01	-0.80628E-02	0.39859E+00	-0.78609E-01
183	-0.19743E+01	0.16772E+00	-0.25578E+00	0.27445E+01	0.21279E+01	-0.31131E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6000E+01

FL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.37588E+00	-0.25059E+01	0.21300E+01	0.42058E+02	0.71013E+00	-0.17457E+02
131	0.30831E-01	0.20554E+00	-0.17471E+00	0.10488E+03	0.61537E+01	-0.49432E+02
132	-0.38356E-01	-0.25571E+00	0.21735E+00	0.17557E+03	0.84292E+01	-0.86035E+02
133	-0.23139E-01	-0.15426E+00	-0.13112E+00	0.25518E+03	0.96445E+01	-0.12805E+03
134	0.19454E-01	0.12969E+00	-0.11024E+00	0.34538E+03	0.90962E+01	-0.18081E+03
135	-0.81887E-01	-0.54591E+00	0.46403E+00	0.41110E+03	0.58493E+01	-0.22935E+03
136	0.39935E-01	0.26624E+00	-0.22630E+00	0.46882E+03	0.56970E+01	-0.26559E+03
137	0.10299E+00	0.68658E+00	-0.58360E+00	0.46693E+03	-0.19386E+01	-0.28066E+03
138	-0.42706E+00	-0.28471E+01	0.20600E+01	0.48191E+03	-0.44093E+02	-0.30530E+03
139	-0.17737E+00	-0.11825E+01	-0.19246E+00	0.46987E+03	-0.13117E+03	-0.32024E+03
140	0.62380E+00	0.41587E+01	-0.35349E+01	0.59702E+03	-0.15922E+03	-0.36596E+03
141	0.62153E+00	0.41435E+01	-0.35220E+01	0.59956E+03	-0.16461E+03	-0.38958E+03
142	0.70397E+00	0.46931E+01	-0.39891E+01	0.63037E+03	-0.16421E+03	-0.41708E+03
143	0.72932E+00	0.48621E+01	-0.41328E+01	-0.23069E+03	-0.29143E+03	0.44712E+03
144	0.81358E+00	0.54238E+01	-0.46103E+01	-0.22524E+03	-0.27768E+03	0.42955E+03
145	-0.51393E+00	-0.34262E+01	0.57491E+01	0.79570E+02	-0.20337E+03	0.88679E+03
146	-0.22053E+00	-0.14702E+01	0.41475E+01	0.11335E+03	-0.15317E+03	0.74128E+03
147	-0.23203E+00	-0.15469E+01	0.41086E+01	0.10643E+03	-0.16308E+03	0.73187E+03
148	-0.24559E+00	-0.16373E+01	-0.79865E+00	0.10158E+03	-0.17427E+03	0.73290E+03
149	-0.26146E+00	-0.17430E+01	-0.74966E+00	0.93233E+02	-0.18776E+03	0.74414E+03
150	-0.30821E+00	-0.20547E+01	-0.88633E-01	0.54878E+02	-0.21347E+03	0.72441E+03
151	-0.37358E+00	-0.24905E+01	-0.16976E+02	0.38676E+02	-0.24531E+03	0.73981E+03
152	-0.33355E+00	-0.22237E+01	-0.30791E+02	0.40001E+02	-0.21820E+03	0.73325E+03
153	-0.27082E+00	-0.18055E+01	-0.27194E+02	0.27509E+02	-0.17791E+03	0.71589E+03
154	-0.12477E+00	-0.83180E+00	-0.52653E+02	0.14179E+02	-0.81740E+02	0.69545E+03
155	0.86226E-01	0.57484E+00	-0.43299E+02	0.27003E+02	0.62010E+02	0.66970E+03
156	0.25602E+00	0.17068E+01	-0.36718E+02	0.10490E+02	0.17366E+03	0.60187E+03
157	0.39108E+00	0.26072E+01	-0.29187E+02	0.11933E+02	0.26466E+03	0.53498E+03
158	0.49674E+00	0.33116E+01	-0.24132E+02	0.32129E+01	0.33437E+03	0.47077E+03
159	0.57495E+00	0.38330E+01	-0.17002E+02	-0.13149E+02	0.38449E+03	0.38924E+03
160	0.62561E+00	0.41708E+01	-0.11708E+02	-0.16566E+02	0.41803E+03	0.31373E+03
161	0.71612E+00	0.47875E+01	-0.54729E+01	-0.20040E+02	0.44906E+03	0.22118E+03
162	0.73342E+00	0.48895E+01	0.58338E+00	-0.18639E+02	0.43049E+03	0.15495E+03
163	0.83482E+00	0.55659E+01	0.18476E+01	-0.28655E+02	0.48893E+03	0.10921E+03
164	0.81835E+00	0.54556E+01	0.27536E+01	-0.50211E+02	0.47593E+03	0.80489E+02

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165	0.44554E+03	0.66040E+02	0.15999E+01	0.23857E+02	0.48053E+03	0.66527E+02
166	0.36200E+03	0.49247E+02	0.59793E+01	0.17708E+02	0.44604E+03	0.60463E+02
167	0.28712E+03	0.36321E+02	0.71537E+01	0.14143E+02	0.38061E+03	0.55481E+02
168	0.21913E+03	0.26316E+02	0.69050E+01	0.10580E+02	0.31369E+03	0.51294E+02
169	0.13903E+03	0.12964E+02	0.80585E+01	0.73203E+01	0.26883E+03	0.46645E+02
170	0.59759E+02	-0.15474E+01	0.10540E+02	0.36567E+01	0.24070E+03	0.41351E+02
171	-0.20376E+02	-0.15234E+02	0.11890E+02	-0.12172E+01	0.18993E+03	0.33993E+02
172	-0.66436E+02	-0.21131E+02	0.10672E+02	-0.61033E+01	0.12373E+03	0.26145E+02
173	-0.65933E+02	-0.16848E+02	0.65087E+01	-0.87568E+01	0.65780E+02	0.20788E+02
174	-0.39658E+02	-0.80332E+01	0.13660E+01	-0.91902E+01	0.24963E+02	0.17260E+02
175	-0.90353E+01	-0.56425E+00	-0.75053E+00	-0.69716E+01	0.14051E+02	0.15820E+02
176	0.18671E+01	0.12878E+01	-0.91375E+00	-0.48650E+01	0.18857E+02	0.14891E+02
177	0.31747E+01	0.98222E+00	-0.44806E+00	-0.32512E+01	0.21669E+02	0.12328E+02
178	0.12126E+01	0.16821E+00	0.14345E-01	-0.22085E+01	0.16626E+02	0.89336E+01
179	-0.33847E+00	-0.14663E+00	0.84927E-01	-0.18674E+01	0.11733E+02	0.62741E+01
180	-0.51664E-01	-0.58267E-01	0.44750E-01	-0.14247E+01	0.68015E+01	0.37705E+01
181	-0.11700E+00	-0.11895E+00	0.87741E-01	-0.11197E+01	0.30843E+01	0.13144E+01
182	0.39339E+00	0.18271E+00	-0.10756E+00	-0.38298E+00	-0.71913E+00	-0.38871E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.83140E-01	0.13100E-03	0.83582E-01	0.00000E+00
3	-0.15590E+00	-0.14173E-03	0.15591E+00	0.00000E+00
4	-0.17445E+00	-0.20900E-03	0.17421E+00	0.00000E+00
5	-0.20016E+00	0.46234E-05	0.20014E+00	0.00000E+00
6	-0.21773E+00	-0.13953E-04	0.21773E+00	0.00000E+00
7	-0.20042E+00	-0.16927E-02	0.20048E+00	0.00000E+00
8	-0.21825E+00	-0.13959E-02	0.21840E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.81846E-01	-0.96809E-03	0.81611E-01	0.00000E+00
11	-0.15423E+00	-0.21926E-02	0.15416E+00	0.00000E+00
12	-0.17350E+00	-0.26518E-02	0.17361E+00	0.00000E+00
13	-0.20074E+00	-0.25565E-02	0.20088E+00	0.00000E+00
14	-0.21956E+00	-0.22112E-02	0.22019E+00	0.00000E+00
15	-0.20197E+00	-0.44279E-02	0.20331E+00	0.00000E+00
16	-0.22174E+00	-0.35855E-02	0.22326E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.80086E-01	-0.18077E-02	0.81007E-01	0.00000E+00
19	-0.15302E+00	-0.43035E-02	0.15449E+00	0.00000E+00
20	-0.17354E+00	-0.53373E-02	0.17512E+00	0.00000E+00
21	-0.20322E+00	-0.52595E-02	0.20530E+00	0.00000E+00
22	-0.22491E+00	-0.45549E-02	0.22779E+00	0.00000E+00
23	-0.20503E+00	-0.73948E-02	0.20843E+00	0.00000E+00
24	-0.22919E+00	-0.59937E-02	0.23409E+00	0.00000E+00
25	-0.23175E+00	-0.76161E-02	0.23805E+00	0.00000E+00
26	-0.23328E+00	-0.79714E-02	0.24043E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.77359E-01	-0.18396E-02	0.77941E-01	0.00000E+00
29	-0.14993E+00	-0.48936E-02	0.15086E+00	0.00000E+00
30	-0.17196E+00	-0.66300E-02	0.17328E+00	0.00000E+00
31	-0.20555E+00	-0.81520E-02	0.21005E+00	0.00000E+00
32	-0.23481E+00	-0.81209E-02	0.24296E+00	0.00000E+00
33	-0.20541E+00	-0.83938E-02	0.20994E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.76420E-01	-0.14475E-02	0.76165E-01	0.00000E+00
36	-0.14859E+00	-0.40219E-02	0.14791E+00	0.00000E+00
37	-0.17071E+00	-0.54462E-02	0.16987E+00	0.00000E+00
38	-0.20521E+00	-0.73396E-02	0.20893E+00	0.00000E+00
39	-0.23679E+00	-0.86320E-02	0.24672E+00	0.00000E+00
40	-0.23639E+00	-0.86098E-02	0.24591E+00	0.00000E+00
41	-0.23600E+00	-0.85335E-02	0.24514E+00	0.00000E+00
42	-0.23557E+00	-0.85262E-02	0.24423E+00	0.00000E+00
43	-0.16803E+00	-0.31696E-02	0.15963E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.72728E-01	-0.35001E-03	0.66162E-01	0.00000E+00
46	-0.14258E+00	-0.13114E-02	0.12837E+00	0.00000E+00
47	-0.23687E+00	-0.86320E-02	0.24687E+00	0.00000E+00
48	-0.23692E+00	-0.86329E-02	0.24699E+00	0.00000E+00
49	-0.20507E+00	-0.69665E-02	0.20822E+00	0.00000E+00
50	-0.23707E+00	-0.87011E-02	0.24773E+00	0.00000E+00
51	-0.20137E+00	-0.47056E-02	0.19349E+00	0.00000E+00
52	-0.23170E+00	-0.90113E-02	0.22439E+00	0.00000E+00
53	-0.23673E+00	-0.86062E-02	0.24651E+00	0.00000E+00
54	-0.16381E+00	-0.23628E-02	0.14712E+00	0.00000E+00
55	-0.19657E+00	-0.41270E-02	0.17696E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.68474E-01	0.11109E-02	0.55420E-01	0.00000E+00
58	-0.13455E+00	0.63572E-03	0.10543E+00	0.00000E+00
59	-0.22337E+00	-0.64371E-02	0.20181E+00	0.00000E+00
60	-0.22938E+00	-0.33524E-02	0.21740E+00	0.00000E+00
61	-0.23711E+00	-0.87516E-02	0.24817E+00	0.00000E+00
62	-0.15470E+00	0.61656E-03	0.12054E+00	0.00000E+00
63	-0.18423E+00	-0.16088E-03	0.14331E+00	0.00000E+00
64	-0.23313E+00	-0.91240E-02	0.22604E+00	0.00000E+00
65	-0.23716E+00	-0.88001E-02	0.24860E+00	0.00000E+00
66	-0.23750E+00	-0.88951E-02	0.24946E+00	0.00000E+00
67	-0.23785E+00	-0.89865E-02	0.25034E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.65077E-01	0.15317E-02	0.41830E-01	0.00000E+00
70	-0.12574E+00	0.33719E-02	0.81786E-01	0.00000E+00
71	-0.21106E+00	-0.10617E-02	0.16442E+00	0.00000E+00
72	-0.23362E+00	-0.92376E-02	0.22167E+00	0.00000E+00
73	-0.17166E+00	0.37282E-02	0.11146E+00	0.00000E+00
74	-0.24111E+00	-0.97748E-02	0.22858E+00	0.00000E+00
75	-0.23814E+00	-0.90555E-02	0.25116E+00	0.00000E+00
76	-0.23999E+00	-0.91685E-02	0.25264E+00	0.00000E+00
77	-0.19559E+00	0.29384E-02	0.12658E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.62195E-01	0.25938E-02	0.31495E-01	0.00000E+00
80	-0.11766E+00	0.52914E-02	0.58910E-01	0.00000E+00
81	-0.13330E+00	0.66683E-02	0.66660E-01	0.00000E+00
82	-0.15728E+00	0.66124E-02	0.78902E-01	0.00000E+00
83	-0.23516E+00	-0.26882E-02	0.18424E+00	0.00000E+00
84	-0.20529E+00	0.45086E-02	0.11256E+00	0.00000E+00
85	-0.24391E+00	-0.93134E-02	0.25459E+00	0.00000E+00
86	-0.24945E+00	-0.97232E-02	0.23665E+00	0.00000E+00
87	-0.17919E+00	0.63894E-02	0.90819E-01	0.00000E+00
88	-0.24453E+00	-0.65927E-02	0.21158E+00	0.00000E+00
89	-0.24743E+00	-0.94288E-02	0.25648E+00	0.00000E+00
90	-0.13077E+00	0.44836E-02	0.31067E-01	0.00000E+00
91	-0.14231E+00	0.39651E-02	0.32437E-01	0.00000E+00
92	-0.15013E+00	0.32910E-02	0.34321E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.46570E-01	0.00000E+00	-0.57167E-02	0.00000E+00
95	-0.86564E-01	0.00000E+00	-0.93004E-02	0.00000E+00
96	-0.96245E-01	0.00000E+00	-0.99726E-02	0.00000E+00
97	-0.18649E+00	0.00000E+00	-0.85388E-02	0.00000E+00
98	-0.11323E+00	0.00000E+00	-0.75310E-02	0.00000E+00
99	-0.12635E+00	0.27306E-02	0.12930E-01	0.00000E+00
100	-0.16276E+00	0.35065E-02	0.47465E-01	0.00000E+00
101	-0.22592E+00	0.20108E-02	0.12257E+00	0.00000E+00
102	-0.25669E+00	-0.95416E-02	0.25922E+00	0.00000E+00
103	-0.24925E+00	-0.37713E-02	0.19475E+00	0.00000E+00
104	-0.26357E+00	-0.98474E-02	0.24701E+00	0.00000E+00
105	-0.26443E+00	-0.96306E-02	0.26175E+00	0.00000E+00
106	-0.25914E+00	-0.47641E-02	0.20237E+00	0.00000E+00
107	-0.27436E+00	-0.10245E-01	0.25458E+00	0.00000E+00
108	-0.27104E+00	-0.96472E-02	0.26406E+00	0.00000E+00
109	-0.27639E+00	-0.96314E-02	0.26606E+00	0.00000E+00
110	-0.27276E+00	-0.64313E-02	0.21155E+00	0.00000E+00
111	-0.28254E+00	-0.10768E-01	0.26027E+00	0.00000E+00
112	-0.28083E+00	-0.95711E-02	0.26777E+00	0.00000E+00
113	-0.27609E+00	-0.68626E-02	0.22368E+00	0.00000E+00
114	-0.28403E+00	-0.94578E-02	0.26910E+00	0.00000E+00
115	-0.28628E+00	-0.93214E-02	0.27010E+00	0.00000E+00
116	-0.28732E+00	-0.91670E-02	0.27064E+00	0.00000E+00

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117	-0.28595E+00	-0.10425E-01	0.26237E+00	0.00000E+00
118	-0.28737E+00	-0.90877E-02	0.27078E+00	0.00000E+00
119	-0.28725E+00	-0.89451E-02	0.27079E+00	0.00000E+00
120	-0.28815E+00	-0.98199E-02	0.26494E+00	0.00000E+00
121	-0.28696E+00	-0.87386E-02	0.27067E+00	0.00000E+00
122	-0.28694E+00	-0.85549E-02	0.27097E+00	-0.45698E-04
123	-0.28680E+00	-0.81536E-02	0.27119E+00	-0.83624E-04
124	-0.28655E+00	-0.74975E-02	0.27142E+00	-0.13010E-03
125	-0.28611E+00	-0.65158E-02	0.27164E+00	-0.19053E-03
126	-0.28498E+00	-0.41131E-02	0.27202E+00	-0.27725E-03
127	-0.28354E+00	-0.10912E-02	0.27237E+00	-0.31670E-03
128	-0.28043E+00	0.58926E-02	0.27311E+00	-0.29735E-03
129	-0.27803E+00	0.11618E-01	0.27378E+00	-0.21643E-03
130	-0.27645E+00	0.15742E-01	0.27450E+00	-0.10315E-03
131	-0.27617E+00	0.15783E-01	0.27562E+00	0.36229E-04
132	-0.27719E+00	0.13677E-01	0.27661E+00	0.87098E-04
133	-0.27823E+00	0.99056E-02	0.27751E+00	0.75649E-04
134	-0.27885E+00	0.72107E-02	0.27824E+00	0.49126E-04
135	-0.27918E+00	0.54595E-02	0.27883E+00	0.36341E-04
136	-0.27942E+00	0.38104E-02	0.27926E+00	0.39419E-04
137	-0.27956E+00	0.21206E-02	0.27952E+00	0.39535E-04
138	-0.27966E+00	0.32178E-03	0.27967E+00	0.41424E-04
139	-0.27967E+00	0.39599E-04	0.27966E+00	0.39673E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6100E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.12369E+00	-0.77464E-01	0.40735E-01	-0.10124E+02	-0.83204E-01	0.10127E+02
2	0.32940E+00	-0.75335E-01	0.11386E+00	-0.89914E+01	-0.14686E+00	0.89746E+01
3	0.53055E+00	-0.68576E-01	0.91924E-01	-0.72794E+01	-0.16187E+00	0.73193E+01
4	-0.26691E+00	-0.80869E-01	-0.25774E+00	-0.58715E+01	0.10369E+00	0.59591E+01
5	0.28326E+00	-0.53598E-02	0.94293E-01	-0.59491E+01	-0.48768E-01	0.60307E+01
6	-0.21505E+00	-0.54478E-01	-0.77816E-01	-0.60595E+01	0.61412E-01	0.61580E+01
7	-0.23882E+00	-0.26557E-01	-0.62687E-01	-0.42468E+01	0.75997E-01	0.42575E+01
8	-0.47450E+00	-0.37635E-01	-0.12503E+00	-0.42601E+01	0.16879E+00	0.44090E+01
9	-0.24018E+00	-0.71338E+00	-0.35711E+00	-0.99279E+01	-0.31821E-01	0.99732E+01
10	-0.11911E+00	-0.80198E+00	-0.29440E+00	-0.89942E+01	-0.36744E-01	0.90425E+01
11	0.22615E-01	-0.71037E+00	-0.22050E-02	-0.76565E+01	0.62533E-01	0.77158E+01
12	-0.10728E+01	-0.58618E+00	-0.54936E+00	-0.62407E+01	0.39787E+00	0.61572E+01
13	-0.14774E+00	-0.32671E+00	-0.19408E-01	-0.64058E+01	0.75665E-01	0.65203E+01
14	-0.96232E+00	-0.47586E+00	-0.34540E+00	-0.65821E+01	0.27767E+00	0.67855E+01
15	-0.10485E+01	-0.16759E+00	-0.30375E+00	-0.46178E+01	0.43149E+00	0.46309E+01
16	-0.12973E+01	-0.15253E+00	-0.29764E+00	-0.48089E+01	0.48804E+00	0.49864E+01
17	-0.22936E+00	-0.38058E+00	-0.41189E+00	-0.96228E+01	-0.12697E+00	0.97413E+01
18	0.76982E-01	-0.10395E+01	-0.30156E+00	-0.89155E+01	-0.28211E+00	0.90451E+01
19	0.58785E+00	-0.11299E+01	0.47410E-01	-0.79427E+01	-0.49339E+00	0.82127E+01
20	-0.15004E+01	-0.31324E+00	-0.65078E+00	-0.68175E+01	0.46733E+00	0.67887E+01
21	-0.89238E-01	-0.98423E+00	-0.21762E+00	-0.71069E+01	-0.23990E+00	0.76471E+01
22	-0.14787E+01	-0.19551E+01	-0.11006E+01	-0.74102E+01	0.18665E+00	0.82022E+01
23	-0.18244E+01	-0.25225E+00	-0.45817E+00	-0.54606E+01	0.71878E+00	0.56291E+01
24	-0.36056E+01	-0.11301E+01	-0.14181E+01	-0.60011E+01	0.12578E+01	0.59966E+01
25	-0.17985E+01	-0.59975E+00	-0.59524E+00	-0.62109E+01	0.58547E+00	0.68651E+01
26	-0.54325E+01	-0.33310E+01	-0.29439E+01	-0.66595E+01	0.15273E+01	0.76216E+01
27	-0.12242E+00	-0.74856E+00	-0.34287E+00	-0.93507E+01	-0.21430E+00	0.94374E+01
28	0.27571E+00	-0.95805E+00	-0.26309E+00	-0.86940E+01	-0.56877E+00	0.89142E+01
29	0.13224E+01	-0.10813E+01	0.95338E-01	-0.76034E+01	-0.15279E+01	0.83881E+01
30	-0.45849E+00	-0.12699E+01	-0.40776E+00	-0.74082E+01	-0.16198E+00	0.81947E+01
31	0.25966E+00	-0.14835E+01	-0.35689E+00	-0.70545E+01	-0.10085E+01	0.85216E+01
32	-0.67102E+00	-0.17243E+01	-0.76790E+00	-0.68539E+01	-0.65964E+00	0.86573E+01
33	-0.40505E+01	-0.24001E+01	-0.21416E+01	-0.71233E+01	0.89801E+00	0.80262E+01
34	-0.94903E+01	-0.61949E+01	-0.56772E+01	-0.74330E+01	0.21868E+01	0.87194E+01
35	-0.21166E+01	-0.12745E+01	-0.74782E+00	-0.73932E+01	0.68945E+00	0.87161E+01
36	0.63994E+00	0.49956E-01	0.73546E+00	-0.68594E+01	-0.75580E+00	0.90062E+01
37	-0.32207E+01	-0.29033E+01	-0.18596E+01	-0.76291E+01	0.74242E+00	0.93196E+01
38	0.20229E+00	-0.27608E+00	-0.12356E+00	-0.90762E+01	-0.31684E+00	0.87066E+01
39	0.74596E+00	-0.36546E+00	-0.14709E+00	-0.85457E+01	-0.92804E+00	0.82213E+01
40	0.15800E+01	-0.93855E+00	-0.18240E+00	-0.74726E+01	-0.27258E+01	0.82362E+01
41	0.22081E+01	0.15637E+00	-0.86986E-01	-0.73671E+01	-0.24317E+01	0.79920E+01
42	0.28954E+01	-0.26552E+00	-0.43929E+00	-0.75550E+01	-0.30351E+01	0.69557E+01
43	0.91731E+00	-0.53274E+00	0.11024E+00	-0.70458E+01	-0.15718E+01	0.86981E+01
44	0.17184E+01	-0.11149E+00	0.33261E+00	-0.69101E+01	-0.25681E+01	0.74556E+01
45	0.28557E+01	0.43450E+00	0.56023E+00	-0.72254E+01	-0.24665E+01	0.74242E+01
46	0.14382E+01	-0.73352E+00	-0.60881E+00	-0.69630E+01	-0.17553E+01	0.65354E+01
47	-0.92462E+00	-0.15138E+01	-0.47086E+00	-0.72340E+01	-0.53518E+00	0.94153E+01
48	-0.59361E-01	-0.11001E+01	0.11565E+00	-0.76576E+01	-0.62560E+00	0.95213E+01
49	0.92057E+00	-0.96754E+00	0.24080E+00	-0.75073E+01	-0.20361E+01	0.10149E+02
50	0.56544E+01	0.12525E+01	0.30326E+01	-0.64576E+01	-0.54611E+01	0.68741E+01
51	0.12241E+01	0.65935E+00	0.15343E+01	-0.31406E+00	-0.69321E+00	0.18424E+01
52	0.30840E+01	0.97119E+00	0.20360E+01	0.21537E+01	-0.30292E+01	-0.93711E+01
53	0.25142E+01	-0.10537E+01	-0.34303E+00	-0.58250E+01	-0.27688E+01	0.59525E+01
54	0.78772E+00	0.56962E+00	0.30872E+00	-0.85755E+01	-0.38373E+00	0.73048E+01

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55	0.15478E+01	0.27157E+00	-0.54735E-01	-0.81323E+01	-0.10575E+01	0.69793E+01
56	0.30126E+01	0.10669E+00	-0.95596E+00	-0.72249E+01	-0.29035E+01	0.62265E+01
57	0.24419E+01	0.32251E-01	-0.43384E+00	-0.64454E+01	-0.21017E+01	0.57267E+01
58	0.26685E+01	-0.16331E+00	-0.64318E+00	-0.54054E+01	-0.24915E+01	0.50326E+01
59	0.27888E+00	0.55022E+00	0.14698E+00	-0.83690E+01	0.65949E-01	0.65242E+01
60	0.16102E+01	0.14964E+01	0.79529E+00	-0.79229E+01	-0.69155E+00	0.51017E+01
61	0.12151E+01	0.11668E+01	0.39162E+00	-0.78760E+01	-0.55754E+00	0.50973E+01
62	0.63388E+00	0.14679E+01	0.61677E+00	-0.76016E+01	0.10855E+00	0.38402E+01
63	0.15981E+01	0.86987E+00	-0.77596E-02	-0.76299E+01	-0.93653E+00	0.55990E+01
64	0.18184E+01	0.15691E+01	0.16304E+00	-0.69878E+01	-0.79208E+00	0.40824E+01
65	0.31027E+01	0.50428E+00	-0.13609E+01	-0.69870E+01	-0.25281E+01	0.55015E+01
66	0.39440E+01	0.10027E+01	-0.14616E+01	-0.62503E+01	-0.28186E+01	0.42491E+01
67	0.31097E+01	0.17488E+01	-0.16561E+01	-0.54513E+01	-0.21577E+01	0.27333E+01
68	0.30607E+01	0.54519E+00	-0.51862E+00	-0.60591E+01	-0.20595E+01	0.49099E+01
69	0.26620E+01	0.84335E+00	-0.68239E+00	-0.57297E+01	-0.15905E+01	0.38134E+01
70	0.39997E+01	0.14827E+01	-0.20804E+00	-0.49452E+01	-0.19642E+01	0.25815E+01
71	0.32870E+01	0.49115E+00	-0.77708E+00	-0.51576E+01	-0.22022E+01	0.39045E+01
72	0.37635E+01	0.87606E+00	-0.80534E+00	-0.46922E+01	-0.20101E+01	0.28658E+01
73	0.83526E+00	0.86534E+00	0.21974E+00	-0.66705E+01	-0.17656E+00	0.15702E+01
74	0.13448E+01	0.81793E+00	-0.45397E+00	-0.59060E+01	-0.49527E+00	0.14407E+01
75	0.29039E+01	0.80987E+00	-0.22921E+01	-0.48605E+01	-0.13569E+01	0.12502E+01
76	0.32694E+01	0.94801E+00	-0.81446E+00	-0.52874E+01	-0.11795E+01	0.25877E+01
77	0.24069E+01	0.12993E+01	-0.90184E+00	-0.36109E+01	-0.80883E+00	0.55528E+00
78	0.22651E+01	0.33432E+00	-0.14293E+01	-0.28477E+01	-0.83444E+00	0.29841E+00
79	0.39643E+01	0.10568E+01	-0.75990E+00	-0.37221E+01	-0.13127E+01	0.13829E+01
80	0.45075E+01	0.13290E+01	-0.39872E+00	-0.26136E+01	-0.83002E+00	0.26290E+00
81	0.23606E+01	0.57943E+00	-0.14357E+01	-0.14966E+01	-0.78349E+00	0.65854E-01
82	0.26874E+01	0.54954E+00	-0.13135E+01	-0.12494E+01	-0.73506E+00	0.21111E+00
83	0.40129E+01	0.68456E+00	-0.99063E+00	-0.22886E+01	-0.78133E+00	0.49313E+00
84	0.48326E+01	0.11661E+01	-0.61500E+00	-0.24984E+01	-0.14500E+01	0.46548E+00
85	0.54692E+01	0.84226E+00	-0.60634E+00	-0.35784E+01	-0.18202E+01	0.18728E+01
86	0.53943E+01	0.87864E+00	-0.32999E+00	-0.28395E+01	-0.17459E+01	0.13174E+01
87	0.37486E+01	0.64007E+00	-0.12202E+01	-0.36119E+01	-0.20366E+01	0.17462E+01
88	0.39187E+01	0.45055E+00	-0.91366E+00	-0.39284E+01	-0.25939E+01	0.31062E+01
89	0.42595E+01	0.54567E+00	-0.84193E+00	-0.34383E+01	-0.27643E+01	0.28559E+01
90	0.46526E+01	0.45451E+00	-0.11487E+01	-0.24263E+01	-0.28996E+01	0.13433E+01
91	0.50772E+01	0.10629E+01	-0.53765E+00	-0.23228E+01	-0.31069E+01	0.20958E+01
92	0.49717E+01	0.97152E+00	-0.71002E+00	-0.17341E+01	-0.30735E+01	0.14870E+01
93	0.29936E+01	-0.16363E+01	-0.37690E+00	-0.41654E+01	-0.31959E+01	0.47940E+01
94	0.33482E+01	0.11282E+00	0.78381E-01	-0.41632E+01	-0.28914E+01	0.45699E+01
95	0.22071E+01	0.99149E+00	0.12490E+00	-0.29871E+01	-0.28205E+01	0.34617E+01
96	0.28410E+01	0.66369E-01	-0.67504E+00	-0.42212E+01	-0.26966E+01	0.38335E+01
97	0.18747E+01	0.54998E+00	-0.26444E+00	-0.34201E+01	-0.27920E+01	0.29924E+01
98	0.24123E+01	0.45338E+00	-0.70432E+00	-0.28791E+01	-0.26132E+01	0.28491E+01
99	0.25165E+01	-0.36444E+00	-0.13742E+01	-0.33392E+01	-0.25322E+01	0.29214E+01
100	0.19921E+01	-0.23536E+00	-0.12634E+01	-0.24377E+01	-0.25703E+01	0.21924E+01
101	0.25165E+01	0.32528E+00	-0.71162E+00	-0.18703E+01	-0.26107E+01	0.17138E+01
102	0.19092E+01	-0.30929E+00	-0.13024E+01	-0.19054E+01	-0.24601E+01	0.16826E+01
103	0.12989E+01	0.26870E+00	-0.12775E+01	-0.64807E+00	-0.23529E+01	0.89637E+00
104	0.14633E+01	0.52889E+00	-0.11254E+01	-0.23479E+00	-0.23464E+01	0.66410E+00
105	0.32854E+01	-0.30364E+00	0.57978E+00	-0.37145E+01	-0.38948E+01	0.43945E+01
106	0.52043E+01	0.29037E+01	0.35869E+01	-0.24670E+00	-0.41691E+01	0.21261E+01
107	0.39687E+01	0.19444E+01	0.25083E+01	-0.19471E+01	-0.40093E+01	0.30949E+01
108	0.31982E+01	0.17120E+01	0.20395E+01	-0.20155E+01	-0.38595E+01	0.31271E+01
109	0.27773E+01	0.13303E+01	0.19376E+01	-0.79435E+00	-0.38692E+01	0.21346E+01
110	0.10477E+00	-0.72583E+00	-0.23057E+00	-0.29140E+01	-0.35726E+01	0.32804E+01
111	-0.95502E+00	-0.89762E+00	-0.43159E+00	-0.20914E+01	-0.33691E+01	0.18369E+01
112	-0.10147E+01	-0.94763E+00	-0.53063E+00	-0.32634E+01	-0.33494E+01	0.18204E+01
113	-0.14966E+01	-0.10826E+01	-0.13566E+01	-0.34498E+01	-0.28602E+01	0.35054E+01
114	-0.17855E+01	-0.14252E+01	-0.11213E+01	-0.29040E+01	-0.27445E+01	0.17771E+01

115	-0.19291E+01	-0.15035E+01	-0.14019E+01	-0.50570E+01	-0.26760E+01	0.17259E+01
116	-0.83781E+00	-0.95386E+00	-0.13115E+01	-0.38569E+01	-0.21431E+01	0.30379E+01
117	-0.58942E-01	-0.38731E+00	-0.57175E+00	-0.42196E+01	-0.18557E+01	0.16136E+01
118	-0.22165E+00	-0.47156E+00	-0.89452E+00	-0.36120E+01	-0.17757E+01	0.14943E+01
119	-0.11601E+00	-0.89385E+00	-0.13642E+01	-0.29760E+01	-0.14532E+01	0.22845E+01
120	0.43591E+00	-0.96779E-01	-0.73761E+00	-0.29800E+01	-0.12430E+01	0.13320E+01
121	0.32909E+00	-0.15635E+00	-0.94758E+00	-0.24856E+01	-0.11919E+01	0.11719E+01
122	-0.37393E+00	-0.13044E+01	-0.19955E+01	-0.23404E+01	-0.96433E+00	0.17837E+01
123	-0.22956E+00	-0.51179E+00	-0.14794E+01	-0.19127E+01	-0.77365E+00	0.97438E+00
124	-0.28417E+00	-0.54126E+00	-0.15365E+01	-0.13942E+01	-0.74742E+00	0.78658E+00
125	0.78172E-01	-0.29742E+00	-0.14471E+01	-0.10965E+01	-0.66747E+00	0.94658E+00
126	-0.42690E+00	-0.63293E+00	-0.17406E+01	-0.73778E+00	-0.58144E+00	0.53725E+00
127	-0.43079E+00	-0.63199E+00	-0.17512E+01	-0.21464E+00	-0.57807E+00	0.39681E+00
128	-0.11304E+01	-0.99274E+00	-0.22074E+01	-0.44473E+00	-0.46534E+00	0.53199E+00
129	-0.23942E+01	-0.15505E+01	-0.30151E+01	0.88577E-02	-0.30578E+00	0.16640E+00
133	0.40323E+01	-0.70449E+00	0.73760E+00	-0.60549E+01	-0.41104E+01	0.68636E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.73585E+00	0.49057E+01	-0.41698E+01	-0.98751E+02	0.11412E+02	0.42768E+02
131	0.71879E-02	0.47919E-01	-0.40731E-01	-0.23800E+03	0.11053E+02	0.12295E+03
132	0.13921E+00	0.12614E+01	-0.10722E+01	-0.39909E+03	0.19160E+02	0.21214E+03
133	0.43601E-01	0.29067E+00	-0.24707E+00	-0.57977E+03	0.29004E+02	0.31298E+03
134	0.11490E+00	0.76592E+00	-0.65110E+00	-0.78407E+03	0.41966E+02	0.43630E+03
135	0.35663E+00	0.27775E+01	-0.20209E+01	-0.93539E+03	0.56502E+02	0.54882E+03
136	0.59186E-01	0.39457E+00	-0.33539E+00	-0.10628E+04	0.60842E+02	0.62877E+03
137	-0.45820E-01	-0.30547E+00	0.25965E+00	-0.10544E+04	0.81190E+02	0.66358E+03
138	0.10071E+01	0.67142E+01	-0.48172E+01	-0.10861E+04	0.21780E+03	0.71872E+03
139	0.45760E-02	0.30507E-01	0.30270E+01	-0.10587E+04	0.49551E+03	0.75611E+03
140	-0.23909E+01	-0.15939E+02	0.13548E+02	-0.13438E+04	0.60078E+03	0.86017E+03
141	-0.23204E+01	-0.15470E+02	0.13149E+02	-0.13482E+04	0.61430E+03	0.91538E+03
142	-0.26705E+01	-0.17803E+02	0.15133E+02	-0.14138E+04	0.61477E+03	0.97560E+03
143	-0.27508E+01	-0.18332E+02	0.15588E+02	0.50039E+03	0.89835E+03	-0.91592E+03
144	-0.30614E+01	-0.20543E+02	0.17461E+02	0.49091E+03	0.87034E+03	-0.87135E+03
145	0.16140E+01	0.10760E+02	-0.10794E+02	-0.26291E+03	0.63673E+03	-0.19449E+04
146	0.67655E+00	0.45103E+01	-0.86607E+01	-0.32025E+03	0.47400E+03	-0.16601E+04
147	0.70091E+00	0.46723E+01	-0.85727E+01	-0.30194E+03	0.49555E+03	-0.16367E+04
148	0.72924E+00	0.48616E+01	0.23449E+01	-0.29029E+03	0.51915E+03	-0.16405E+04
149	0.76213E+00	0.50809E+01	0.22143E+01	-0.27293E+03	0.54714E+03	-0.16693E+04
150	0.83354E+00	0.56903E+01	0.83135E+00	-0.13452E+03	0.60788E+03	-0.16242E+04
151	0.10625E+01	0.70851E+01	0.38611E+02	-0.14970E+03	0.69191E+03	-0.16614E+04
152	0.95577E+00	0.64335E+01	0.69443E+02	-0.14956E+03	0.62673E+03	-0.16478E+04
153	0.81679E+00	0.54453E+01	0.61536E+02	-0.11421E+03	0.53189E+03	-0.16103E+04
154	0.47931E+00	0.31954E+01	0.11834E+03	-0.79897E+02	0.31020E+03	-0.15653E+04
155	-0.61224E-02	-0.40816E-01	0.97706E+02	-0.10276E+03	-0.19529E+02	-0.14642E+04
156	-0.39992E+00	-0.26652E+01	0.32855E+02	-0.60221E+02	-0.27785E+03	-0.13573E+04
157	-0.71674E+00	-0.47783E+01	0.66355E+02	-0.55858E+02	-0.49015E+03	-0.12083E+04
158	-0.96825E+00	-0.64549E+01	0.54808E+02	-0.30729E+02	-0.65543E+03	-0.10639E+04
159	-0.11535E+01	-0.77230E+01	0.39094E+02	0.10401E+02	-0.77712E+03	-0.88150E+03
160	-0.12876E+01	-0.85928E+01	0.27149E+02	0.23695E+02	-0.86191E+03	-0.71140E+03
161	-0.15009E+01	-0.10005E+02	0.13551E+02	0.37836E+02	-0.95914E+03	-0.50462E+03
162	-0.15471E+01	-0.10314E+02	-0.22545E+00	0.39547E+02	-0.90807E+03	-0.35643E+03
163	-0.17741E+01	-0.11827E+02	-0.25741E+01	0.62857E+02	-0.10387E+04	-0.25284E+03
164	-0.17585E+01	-0.11724E+02	-0.45386E+01	0.11056E+03	-0.10224E+04	-0.17740E+03

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165	-0.98540E+03	-0.14885E+03	-0.10635E+01	-0.51116E+02	-0.10399E+04	-0.14024E+03
166	-0.80319E+03	-0.11152E+03	-0.11224E+02	-0.37679E+02	-0.96650E+03	-0.12710E+03
167	-0.63972E+03	-0.82468E+02	-0.14517E+02	-0.29852E+02	-0.82576E+03	-0.11627E+03
168	-0.49103E+03	-0.59984E+02	-0.14530E+02	-0.22007E+02	-0.68143E+03	-0.10714E+03
169	-0.31556E+03	-0.30409E+02	-0.17356E+02	-0.14781E+02	-0.58482E+03	-0.96962E+02
170	-0.14125E+03	0.16982E+01	-0.23009E+02	-0.66158E+01	-0.52417E+03	-0.85336E+02
171	0.36764E+02	0.32386E+02	-0.26282E+02	0.43081E+01	-0.41335E+03	-0.69123E+02
172	0.14180E+03	0.46269E+02	-0.23936E+02	0.15384E+02	-0.26717E+03	-0.51788E+02
173	-0.14415E+03	0.37509E+02	-0.14892E+02	0.21534E+02	-0.13808E+03	-0.39956E+02
174	0.87838E+02	0.18377E+02	-0.46877E+01	0.22754E+02	-0.45504E+02	-0.32294E+02
175	0.20970E+02	0.17921E+01	0.12967E+01	0.17911E+02	-0.20215E+02	-0.29513E+02
176	-0.35291E+01	-0.24884E+01	0.17796E+01	0.13074E+02	-0.30827E+02	-0.28036E+02
177	-0.62039E+01	-0.18744E+01	0.83780E+00	0.91550E+01	-0.37441E+02	-0.23272E+02
178	-0.21432E+01	-0.31747E+00	-0.65193E-02	0.63414E+01	-0.28920E+02	-0.16863E+02
179	0.53964E+00	0.21483E+00	-0.11833E+00	0.50407E+01	-0.20561E+02	-0.11904E+02
180	0.28722E-01	0.91779E-01	-0.77307E-01	0.36228E+01	-0.12014E+02	-0.71911E+01
181	0.20775E+00	0.19837E+00	-0.14407E+00	0.25095E+01	-0.54692E+01	-0.25574E+01
182	-0.77354E+00	-0.35924E+00	0.21149E+00	0.73663E+00	0.11856E+01	0.20127E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6200E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.69415E-01	-0.10131E-03	-0.69843E-01	0.00000E+00
3	0.12996E+00	0.18149E-03	-0.12997E+00	0.00000E+00
4	0.14530E+00	0.23589E-03	-0.14504E+00	0.00000E+00
5	0.16640E+00	0.96432E-05	-0.16637E+00	0.00000E+00
6	0.18069E+00	0.11559E-04	-0.18070E+00	0.00000E+00
7	0.16658E+00	0.14965E-02	-0.16659E+00	0.00000E+00
8	0.18112E+00	0.12537E-02	-0.18122E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.68143E-01	0.80608E-03	-0.67902E-01	0.00000E+00
11	0.12833E+00	0.18847E-02	-0.12821E+00	0.00000E+00
12	0.14431E+00	0.22984E-02	-0.14432E+00	0.00000E+00
13	0.16678E+00	0.22212E-02	-0.16682E+00	0.00000E+00
14	0.18218E+00	0.19354E-02	-0.18263E+00	0.00000E+00
15	0.16772E+00	0.36692E-02	-0.16871E+00	0.00000E+00
16	0.18396E+00	0.29843E-02	-0.18508E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.66505E-01	0.14123E-02	-0.67198E-01	0.00000E+00
19	0.12703E+00	0.34328E-02	-0.12816E+00	0.00000E+00
20	0.14414E+00	0.42658E-02	-0.14525E+00	0.00000E+00
21	0.16860E+00	0.42055E-02	-0.17018E+00	0.00000E+00
22	0.18653E+00	0.36349E-02	-0.18869E+00	0.00000E+00
23	0.17005E+00	0.56562E-02	-0.17256E+00	0.00000E+00
24	0.19002E+00	0.44677E-02	-0.19374E+00	0.00000E+00
25	0.19210E+00	0.55658E-02	-0.19691E+00	0.00000E+00
26	0.19335E+00	0.57382E-02	-0.19883E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.64187E-01	0.12758E-02	-0.64349E-01	0.00000E+00
29	0.12441E+00	0.35319E-02	-0.12463E+00	0.00000E+00
30	0.14270E+00	0.48303E-02	-0.14320E+00	0.00000E+00
31	0.17046E+00	0.59281E-02	-0.17362E+00	0.00000E+00
32	0.19460E+00	0.57109E-02	-0.20087E+00	0.00000E+00
33	0.17034E+00	0.60629E-02	-0.17343E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.63421E-01	0.92550E-03	-0.62769E-01	0.00000E+00
36	0.12329E+00	0.27408E-02	-0.12199E+00	0.00000E+00
37	0.14164E+00	0.37621E-02	-0.14015E+00	0.00000E+00
38	0.17017E+00	0.51596E-02	-0.17250E+00	0.00000E+00
39	0.19621E+00	0.60937E-02	-0.20388E+00	0.00000E+00
40	0.19589E+00	0.60781E-02	-0.20323E+00	0.00000E+00
41	0.19556E+00	0.60605E-02	-0.20262E+00	0.00000E+00
42	0.19522E+00	0.60196E-02	-0.20139E+00	0.00000E+00
43	0.13941E+00	0.18210E-02	-0.13117E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.60382E-01	-0.24761E-04	-0.53967E-01	0.00000E+00
46	0.11823E+00	0.42224E-03	-0.10484E+00	0.00000E+00
47	0.19629E+00	0.60936E-02	-0.20400E+00	0.00000E+00
48	0.19632E+00	0.60943E-02	-0.20410E+00	0.00000E+00
49	0.17005E+00	0.48444E-02	-0.17188E+00	0.00000E+00
50	0.19644E+00	0.61460E-02	-0.20472E+00	0.00000E+00
51	0.16732E+00	0.29498E-02	-0.15914E+00	0.00000E+00
52	0.19190E+00	0.63988E-02	-0.18474E+00	0.00000E+00
53	0.19620E+00	0.60729E-02	-0.20367E+00	0.00000E+00
54	0.13577E+00	0.11441E-02	-0.12024E+00	0.00000E+00
55	0.16230E+00	0.24596E-02	-0.14476E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.56827E-01	-0.11771E-02	-0.42877E-01	0.00000E+00
58	0.11141E+00	-0.11094E-02	-0.84813E-01	0.00000E+00
59	0.18484E+00	0.42750E-02	-0.16520E+00	0.00000E+00
60	0.18995E+00	0.58471E-02	-0.17874E+00	0.00000E+00
61	0.19643E+00	0.61849E-02	-0.20509E+00	0.00000E+00
62	0.12797E+00	-0.12562E-02	-0.96974E-01	0.00000E+00
63	0.15222E+00	-0.75912E-03	-0.11536E+00	0.00000E+00
64	0.19307E+00	0.64814E-02	-0.18610E+00	0.00000E+00
65	0.19651E+00	0.62223E-02	-0.20545E+00	0.00000E+00
66	0.19679E+00	0.62954E-02	-0.20618E+00	0.00000E+00
67	0.19708E+00	0.63657E-02	-0.20691E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.53903E-01	-0.14589E-02	-0.33038E-01	0.00000E+00
70	0.10394E+00	-0.32297E-02	-0.64691E-01	0.00000E+00
71	0.17423E+00	-0.13770E-03	-0.13250E+00	0.00000E+00
72	0.19344E+00	0.65621E-02	-0.18227E+00	0.00000E+00
73	0.14151E+00	-0.38106E-02	-0.88087E-01	0.00000E+00
74	0.19959E+00	0.69769E-02	-0.18797E+00	0.00000E+00
75	0.19731E+00	0.64175E-02	-0.20760E+00	0.00000E+00
76	0.19884E+00	0.65022E-02	-0.20884E+00	0.00000E+00
77	0.16104E+00	-0.33043E-02	-0.99967E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.51450E-01	-0.22537E-02	-0.24320E-01	0.00000E+00
80	0.97042E-01	-0.46619E-02	-0.45326E-01	0.00000E+00
81	0.10982E+00	-0.59021E-02	-0.51255E-01	0.00000E+00
82	0.12939E+00	-0.60010E-02	-0.60672E-01	0.00000E+00
83	0.19398E+00	0.11032E-02	-0.14868E+00	0.00000E+00
84	0.16960E+00	-0.46602E-02	-0.87104E-01	0.00000E+00
85	0.20205E+00	0.66110E-02	-0.21047E+00	0.00000E+00
86	0.20643E+00	0.69170E-02	-0.19465E+00	0.00000E+00
87	0.14723E+00	-0.59817E-02	-0.69812E-01	0.00000E+00
88	0.20209E+00	0.43212E-02	-0.17264E+00	0.00000E+00
89	0.20495E+00	0.66969E-02	-0.21206E+00	0.00000E+00
90	0.10746E+00	-0.39723E-02	-0.22293E-01	0.00000E+00
91	0.11674E+00	-0.36341E-02	-0.23160E-01	0.00000E+00
92	0.12304E+00	-0.31522E-02	-0.24541E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.38365E-01	0.00000E+00	0.57964E-02	0.00000E+00
95	0.71203E-01	0.00000E+00	0.95987E-02	0.00000E+00
96	0.79087E-01	0.00000E+00	0.10354E-01	0.00000E+00
97	0.89007E-01	0.00000E+00	0.94463E-02	0.00000E+00
98	0.92774E-01	0.00000E+00	0.87322E-02	0.00000E+00
99	0.10366E+00	-0.24474E-02	-0.76443E-02	0.00000E+00
100	0.13333E+00	-0.34586E-02	-0.34928E-01	0.00000E+00
101	0.18541E+00	-0.27944E-02	-0.95013E-01	0.00000E+00
102	0.21256E+00	0.67779E-02	-0.21437E+00	0.00000E+00
103	0.20552E+00	0.19267E-02	-0.15726E+00	0.00000E+00
104	0.21804E+00	0.70045E-02	-0.20329E+00	0.00000E+00
105	0.21891E+00	0.68415E-02	-0.21649E+00	0.00000E+00
106	0.21363E+00	0.27026E-02	-0.16360E+00	0.00000E+00
107	0.22692E+00	0.73341E-02	-0.20962E+00	0.00000E+00
108	0.22435E+00	0.68473E-02	-0.21844E+00	0.00000E+00
109	0.22875E+00	0.68287E-02	-0.22013E+00	0.00000E+00
110	0.22502E+00	0.40169E-02	-0.17142E+00	0.00000E+00
111	0.23368E+00	0.77678E-02	-0.21444E+00	0.00000E+00
112	0.23241E+00	0.67752E-02	-0.22159E+00	0.00000E+00
113	0.22960E+00	0.44264E-02	-0.18205E+00	0.00000E+00
114	0.23505E+00	0.66795E-02	-0.22273E+00	0.00000E+00
115	0.23690E+00	0.65661E-02	-0.22360E+00	0.00000E+00
116	0.23777E+00	0.64396E-02	-0.22409E+00	0.00000E+00

117	0.23652E+00	0.74867E-02	-0.21672E+00	0.00000E+00
118	0.23781E+00	0.63751E-02	-0.22423E+00	0.00000E+00
119	0.23772E+00	0.62583E-02	-0.22423E+00	0.00000E+00
120	0.23841E+00	0.69980E-02	-0.21865E+00	0.00000E+00
121	0.23745E+00	0.60902E-02	-0.22424E+00	0.00000E+00
122	0.23747E+00	0.59425E-02	-0.22448E+00	0.36738E-04
123	0.23735E+00	0.56198E-02	-0.22467E+00	0.67192E-04
124	0.23716E+00	0.50928E-02	-0.22486E+00	0.10445E-03
125	0.23680E+00	0.43050E-02	-0.22505E+00	0.15280E-03
126	0.23589E+00	0.23801E-02	-0.22537E+00	0.22188E-03
127	0.23475E+00	-0.35782E-04	-0.22567E+00	0.25289E-03
128	0.23227E+00	-0.55963E-02	-0.22630E+00	0.23594E-03
129	0.23038E+00	-0.10121E-01	-0.22687E+00	0.17009E-03
130	0.22915E+00	-0.13329E-01	-0.22749E+00	0.78761E-04
131	0.22899E+00	-0.13974E-01	-0.22844E+00	-0.33329E-04
132	0.22936E+00	-0.11306E-01	-0.22929E+00	-0.73622E-04
133	0.23074E+00	-0.31272E-02	-0.23006E+00	-0.63746E-04
134	0.23125E+00	-0.53655E-02	-0.23069E+00	-0.40892E-04
135	0.23152E+00	-0.44456E-02	-0.23119E+00	-0.29178E-04
136	0.23171E+00	-0.31185E-02	-0.23156E+00	-0.32137E-04
137	0.23183E+00	-0.17384E-02	-0.23179E+00	-0.32461E-04
138	0.23191E+00	-0.26508E-03	-0.23191E+00	-0.34176E-04
139	0.23191E+00	-0.32594E-04	-0.23191E+00	-0.32658E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.0200E+01

405

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.14773E+00	0.35571E-01	-0.64827E-01	0.84410E+01	0.81257E-01	-0.84447E+01
2	-0.34480E+00	0.43427E-01	-0.12900E+00	0.74778E+01	0.14458E+00	-0.74659E+01
3	-0.53327E+00	0.39492E-01	-0.78861E-01	0.60285E+01	0.16307E+00	-0.60673E+01
4	0.19129E+00	0.28784E-01	0.22383E+00	0.48398E+01	-0.98712E-01	-0.49359E+01
5	-0.28533E+00	-0.65344E-02	-0.78959E-01	0.49038E+01	0.51334E-01	-0.49900E+01
6	0.14237E+00	0.35498E-01	0.63462E-01	0.50002E+01	-0.38479E-01	-0.50920E+01
7	0.18438E+00	0.14495E-01	0.55853E-01	0.34795E+01	-0.59485E-01	-0.34927E+01
8	0.37322E+00	0.26946E-01	0.10883E+00	0.34834E+01	-0.12992E+00	-0.36192E+01
9	0.14381E+00	0.54011E+00	0.25747E+00	0.82517E+01	0.32660E-01	-0.82844E+01
10	0.24080E-01	0.62345E+00	0.20882E+00	0.74622E+01	0.46825E-01	-0.75066E+01
11	-0.11593E+00	0.55776E+00	-0.58060E-02	0.63247E+01	-0.13953E-01	-0.63912E+01
12	0.84379E+00	0.47065E+00	0.44992E+00	0.51308E+01	-0.31415E+00	-0.50859E+01
13	0.73936E-01	0.27202E+00	0.19020E-01	0.52690E+01	-0.41455E-01	-0.53836E+01
14	0.72671E+00	0.36137E+00	0.26829E+00	0.54099E+01	-0.20626E+00	-0.56007E+01
15	0.84709E+00	0.13942E+00	0.26288E+00	0.37711E+01	-0.34400E+00	-0.38012E+01
16	0.10438E+01	0.12733E+00	0.25938E+00	0.39298E+01	-0.38434E+00	-0.40945E+01
17	0.10716E+00	0.61035E+00	0.26878E+00	0.79816E+01	0.11383E+00	-0.80594E+01
18	-0.14837E+00	0.75037E+00	0.19487E+00	0.73805E+01	0.25663E+00	-0.74826E+01
19	-0.56503E+00	0.83623E+00	-0.34066E-01	0.65305E+01	0.46522E+00	-0.67832E+01
20	0.11637E+01	0.63681E+00	0.51988E+00	0.55750E+01	-0.35682E+00	-0.55977E+01
21	-0.36749E-02	0.73455E+00	0.15356E+00	0.58176E+01	0.23278E+00	-0.63126E+01
22	0.11230E+01	0.14544E+01	0.34790E+00	0.60622E+01	-0.12205E+00	-0.67662E+01
23	0.14554E+01	0.18072E+00	0.37635E+00	0.44481E+01	-0.57057E+00	-0.46274E+01
24	0.29303E+01	0.89425E+00	0.11700E+01	0.48741E+01	-0.10188E+01	-0.49298E+01
25	0.14015E+01	0.62183E+00	0.44733E+00	0.50596E+01	-0.45476E+00	-0.56545E+01
26	0.43119E+01	0.25108E+01	0.23060E+01	0.53924E+01	-0.12415E+01	-0.62826E+01
27	0.53442E-03	0.45271E+00	0.18956E+00	0.77564E+01	0.18591E+00	-0.77816E+01
28	-0.31442E+00	0.63237E+00	0.15369E+00	0.72025E+01	0.49503E+00	-0.73538E+01
29	-0.11430E+01	0.74653E+00	-0.54174E-01	0.62718E+01	0.13341E+01	-0.69131E+01
30	0.31834E+00	0.91681E+00	0.30868E+00	0.60875E+01	0.16996E+00	-0.67574E+01
31	-0.32543E+00	0.10492E+01	0.23376E+00	0.58078E+01	0.87994E+00	-0.70338E+01
32	0.46129E+00	0.12683E+01	0.59106E+00	0.56488E+01	0.58490E+00	-0.71465E+01
33	0.32316E+01	0.19328E+01	0.16714E+01	0.58412E+01	-0.71358E+00	-0.66200E+01
34	0.76970E+01	0.49153E+01	0.45954E+01	0.61159E+01	-0.17976E+01	-0.71995E+01
35	0.16256E+01	0.86292E+00	0.53530E+00	0.60925E+01	-0.56267E+00	-0.71971E+01
36	-0.62793E+00	-0.20128E+00	-0.66191E+00	0.56360E+01	0.66677E+00	-0.74460E+01
37	0.25627E+01	0.22476E+01	0.14823E+01	0.62867E+01	-0.60657E+00	-0.77113E+01
38	-0.27949E+00	0.43557E-01	0.30656E-02	0.75325E+01	0.27358E+00	-0.71383E+01
39	-0.72082E+00	0.12320E+00	0.61048E-01	0.70798E+01	0.80198E+00	-0.67479E+01
40	-0.13853E+01	0.61309E+00	0.18370E+00	0.61821E+01	0.23572E+01	-0.67808E+01
41	-0.18985E+01	-0.30468E+00	0.12207E+00	0.65116E+01	0.21020E+01	-0.65767E+01
42	-0.25023E+01	0.66277E-01	0.42914E+00	0.62406E+01	0.26173E+01	-0.56880E+01
43	-0.86501E+00	0.27696E+00	-0.13425E+00	0.58160E+01	0.13573E+01	-0.71849E+01
44	-0.15267E+01	-0.44835E-01	-0.29755E+00	0.57025E+01	0.21977E+01	-0.61373E+01
45	-0.24923E+01	-0.50580E+00	-0.48429E+00	0.59658E+01	0.21256E+01	-0.61130E+01
46	-0.12866E+01	0.48639E+00	0.50946E+00	0.57436E+01	0.15137E+01	-0.53512E+01
47	0.66715E+00	0.11082E+01	0.34047E+00	0.59568E+01	0.47604E+00	-0.77935E+01
48	-0.24470E-01	0.78020E+00	-0.13008E+00	0.63149E+01	0.52492E+00	-0.78847E+01
49	-0.86400E+00	0.66075E+00	-0.23950E+00	0.61912E+01	0.17400E+01	-0.84272E+01
50	-0.56157E+01	-0.11685E+01	-0.25366E+01	0.53219E+01	0.46319E+01	-0.56719E+01
51	-0.10117E+01	-0.55443E+00	-0.12335E+01	0.25811E+00	0.58303E+00	-0.15235E+01
52	-0.26085E+01	-0.86540E+00	-0.16923E+01	-0.18250E+01	0.25751E+01	0.80307E+01
53	-0.21967E+01	0.76855E+00	0.28982E+00	0.47956E+01	0.23871E+01	-0.48933E+01
54	-0.76121E+00	-0.64742E+00	-0.34321E+00	0.71205E+01	0.32796E+00	-0.59136E+01

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55	-0.12254E+01	-0.40126E+00	0.20583E-02	0.67725E+01	0.90780E+00	-0.56644E+01
56	-0.25933E+01	-0.23730E+00	0.88843E+00	0.59632E+01	0.25065E+01	-0.50470E+01
57	-0.21412E+01	-0.15570E+00	0.37746E+00	0.53112E+01	0.18192E+01	-0.46557E+01
58	-0.23298E+01	0.34428E-01	0.56787E+00	0.44423E+01	0.21605E+01	-0.40973E+01
59	-0.33102E+00	-0.61875E+00	-0.20880E+00	0.69455E+01	-0.61112E-01	-0.52354E+01
60	-0.14241E+01	-0.13519E+01	-0.70740E+00	0.65675E+01	0.57764E+00	-0.40270E+01
61	-0.10792E+01	-0.10761E+01	-0.36286E+00	0.65299E+01	0.46097E+00	-0.40241E+01
62	-0.71610E+00	-0.12620E+01	-0.52625E+00	0.62884E+01	-0.95923E-01	-0.29645E+01
63	-0.14192E+01	-0.86490E+00	-0.14507E-01	0.63050E+01	0.77748E+00	-0.44749E+01
64	-0.15673E+01	-0.13926E+01	-0.12668E+00	0.57620E+01	0.65210E+00	-0.31865E+01
65	-0.26442E+01	-0.55977E+00	0.12447E+01	0.57619E+01	0.21029E+01	-0.44100E+01
66	-0.33393E+01	-0.93316E+00	0.13393E+01	0.51443E+01	0.23447E+01	-0.33741E+01
67	-0.26347E+01	-0.15221E+01	0.15022E+01	0.44745E+01	0.17829E+01	-0.20766E+01
68	-0.26287E+01	-0.35633E+00	0.48396E+00	0.49893E+01	0.17360E+01	-0.39540E+01
69	-0.22755E+01	-0.50240E+00	0.62035E+00	0.46978E+01	0.13199E+01	-0.29766E+01
70	-0.33630E+01	-0.13055E+01	0.24652E+00	0.40518E+01	0.16209E+01	-0.19745E+01
71	-0.28140E+01	-0.49811E+00	0.71355E+00	0.42319E+01	0.18636E+01	-0.31129E+01
72	-0.31644E+01	-0.80323E+00	0.75645E+00	0.38378E+01	0.16577E+01	-0.22158E+01
73	-0.70522E+00	-0.74077E+00	-0.18262E+00	0.55094E+01	0.13472E+00	-0.11275E+01
74	-0.11132E+01	-0.69366E+00	0.40865E+00	0.48563E+01	0.37545E+00	-0.10376E+01
75	-0.23025E+01	-0.68297E+00	0.19966E+01	0.39813E+01	0.10241E+01	-0.90679E+00
76	-0.26856E+01	-0.82778E+00	0.76625E+00	0.43295E+01	0.28746E+00	-0.19822E+01
77	-0.19625E+01	-0.10770E+01	0.62250E+00	0.29466E+01	0.60637E+00	-0.36833E+00
78	-0.18159E+01	-0.21644E+00	0.12743E+01	0.23215E+01	0.62978E+00	-0.18573E+00
79	-0.32458E+01	-0.89663E+00	0.73311E+00	0.30322E+01	0.98872E+00	-0.10326E+01
80	-0.36548E+01	-0.10651E+01	0.42919E+00	0.21201E+01	0.60622E+00	-0.15737E+00
81	-0.19278E+01	-0.47316E+00	0.12517E+01	0.12186E+01	0.58535E+00	-0.26313E-01
82	-0.21730E+01	-0.40532E+00	0.11647E+01	0.10154E+01	0.54892E+00	-0.14823E+00
83	-0.32513E+01	-0.56045E+00	0.91319E+00	0.18590E+01	0.56594E+00	-0.35585E+00
84	-0.39472E+01	-0.97037E+00	0.61577E+00	0.20204E+01	0.10941E+01	-0.32073E+00
85	-0.44933E+01	-0.72219E+00	0.63173E+00	0.29307E+01	0.13844E+01	-0.14656E+01
86	-0.44003E+01	-0.71102E+00	0.85410E+00	0.23317E+01	0.13199E+01	-0.10292E+01
87	-0.31374E+01	-0.59003E+00	0.11264E+01	0.29441E+01	0.16787E+01	-0.12635E+01
88	-0.33227E+01	-0.43090E+00	0.85519E+00	0.32225E+01	0.22043E+01	-0.24958E+01
89	-0.35911E+01	-0.48785E+00	0.81022E+00	0.28227E+01	0.23506E+01	-0.23160E+01
90	-0.39371E+01	-0.44725E+00	0.10503E+01	0.19815E+01	0.24634E+01	-0.10459E+01
91	-0.42750E+01	-0.89579E+00	0.56456E+00	0.19236E+01	0.26489E+01	-0.17240E+01
92	-0.41836E+01	-0.81192E+00	0.70932E+00	0.14928E+01	0.26223E+01	-0.12478E+01
93	-0.26100E+01	0.12474E+01	0.30643E+00	0.34249E+01	0.27568E+01	-0.39423E+01
94	-0.28955E+01	-0.18243E+00	-0.45176E-01	0.34146E+01	0.25059E+01	-0.37400E+01
95	-0.19584E+01	-0.88556E+00	-0.92827E-01	0.24456E+01	0.24654E+01	-0.28437E+01
96	-0.24731E+01	-0.13922E+00	0.60061E+00	0.34601E+01	0.23451E+01	-0.31199E+01
97	-0.16775E+01	-0.51171E+00	0.23238E+00	0.23105E+01	0.24432E+01	-0.24675E+01
98	-0.21245E+01	-0.43772E+00	0.61953E+00	0.23536E+01	0.22961E+01	-0.23295E+01
99	-0.23004E+01	0.22236E+00	0.11950E+01	0.27325E+01	0.22094E+01	-0.23665E+01
100	-0.17624E+01	0.15109E+00	0.10922E+01	0.20036E+01	0.22632E+01	-0.18056E+01
101	-0.21915E+01	-0.29779E+00	0.62473E+00	0.15403E+01	0.23048E+01	-0.14227E+01
102	-0.16647E+01	0.24322E+00	0.15705E+01	0.15838E+01	0.21701E+01	-0.14099E+01
103	-0.11564E+01	-0.23778E+00	0.10953E+01	0.53249E+00	0.20929E+01	-0.75385E+00
104	-0.12907E+01	-0.44629E+00	0.96836E+00	0.20149E+00	0.20894E+01	-0.57679E+00
105	-0.28166E+01	0.15488E+00	-0.48087E+00	0.30451E+01	0.33288E+01	-0.35978E+01
106	-0.43791E+01	-0.24690E+01	-0.29716E+01	0.20216E+00	0.35463E+01	-0.17504E+01
107	-0.33779E+01	-0.17076E+01	-0.20941E+01	0.15939E+01	0.34147E+01	-0.25239E+01
108	-0.27439E+01	-0.15026E+01	-0.17044E+01	0.16479E+01	0.32935E+01	-0.25527E+01
109	-0.23886E+01	-0.11751E+01	-0.16150E+01	0.65046E+00	0.33051E+01	-0.17568E+01
110	-0.19914E+00	0.51341E+00	0.17535E+00	0.23917E+01	0.30604E+01	-0.26882E+01
111	0.68353E+00	0.66417E+00	0.33507E+00	0.17145E+01	0.28991E+01	-0.15113E+01
112	0.73312E+00	0.70721E+00	0.41600E+00	0.26777E+01	0.28834E+01	-0.14974E+01
113	0.11521E+01	0.84506E+00	0.11308E+01	0.28259E+01	0.24766E+01	-0.28773E+01
114	0.13564E+01	0.10948E+01	0.89209E+00	0.23819E+01	0.23894E+01	-0.14612E+01

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115	0.14752E+01	0.11613E+01	0.11220E+01	0.41526E+01	0.23338E+01	-0.14189E+01
116	0.61501E+00	0.74992E+00	0.10941E+01	0.31701E+01	0.18893E+01	-0.25024E+01
117	-0.53025E-01	0.25168E+00	0.44127E+00	0.34640E+01	0.16594E+01	-0.13260E+01
118	0.81631E-01	0.32337E+00	0.70572E+00	0.29687E+01	0.15945E+01	-0.12278E+01
119	0.38149E-01	0.72371E+00	0.11462E+01	0.24479E+01	0.13225E+01	-0.18835E+01
120	-0.45663E+00	0.13763E-01	0.57407E+00	0.24498E+01	0.11559E+01	-0.10940E+01
121	-0.36727E+00	0.70332E-01	0.74590E+00	0.20481E+01	0.11147E+01	-0.96245E+00
122	0.25975E+00	0.10645E+01	0.15794E+01	0.19360E+01	0.91926E+00	-0.14769E+01
123	0.10951E+00	0.37505E+00	0.11913E+01	0.15772E+01	0.76733E+00	-0.79983E+00
124	0.15505E+00	0.40158E+00	0.12786E+01	0.11540E+01	0.74644E+00	-0.64548E+00
125	-0.11171E+00	0.22377E+00	0.12050E+01	0.91292E+00	0.67153E+00	-0.79236E+00
126	0.28247E+00	0.48419E+00	0.14078E+01	0.61261E+00	0.60465E+00	-0.44014E+00
127	0.28624E+00	0.48534E+00	0.14161E+01	0.17961E+00	0.60240E+00	-0.32423E+00
128	0.89852E+00	0.81139E+00	0.18238E+01	0.37979E+00	0.50056E+00	-0.45407E+00
129	0.19481E+01	0.15150E+01	0.24783E+01	-0.24800E-02	0.36553E+00	-0.13823E+00
163	-0.34521E+01	0.46068E+00	-0.62713E+00	0.49845E+01	0.35127E+01	-0.56642E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.66347E+00	-0.44231E+01	0.37596E+01	0.80225E+02	-0.70254E+01	-0.34311E+02
131	0.14116E-01	0.94109E-01	-0.79993E-01	0.19457E+03	-0.45902E+01	-0.98706E+02
132	-0.12361E+00	-0.82409E+00	0.70047E+00	0.32589E+03	-0.91309E+01	-0.17063E+03
133	-0.45319E-02	-0.30213E-01	0.25681E-01	0.47336E+03	-0.15285E+02	-0.25222E+03
134	-0.40645E-01	-0.27097E+00	0.23032E+00	0.64014E+03	-0.24235E+02	-0.35263E+03
135	-0.23355E+00	-0.15570E+01	0.13235E+01	0.76275E+03	-0.35300E+02	-0.44462E+03
136	0.21633E-02	0.14422E-01	-0.12259E-01	0.86781E+03	-0.38320E+02	-0.51041E+03
137	0.10017E+00	0.66782E+00	-0.56765E+00	0.86223E+03	-0.54467E+02	-0.53879E+03
138	-0.80529E+00	-0.53686E+01	0.38439E+01	0.88858E+03	-0.15983E+03	-0.58422E+03
139	-0.11295E+00	-0.75303E+00	-0.18088E+01	0.86573E+03	-0.37453E+03	-0.61425E+03
140	0.16930E+01	0.11287E+02	-0.95937E+01	0.10991E+04	-0.45419E+03	-0.69958E+03
141	0.16538E+01	0.11026E+02	-0.93718E+01	0.11025E+04	-0.46520E+03	-0.74463E+03
142	0.18859E+01	0.12573E+02	-0.10687E+02	0.11571E+04	-0.46539E+03	-0.79452E+03
143	0.19479E+01	0.12986E+02	-0.11038E+02	-0.41624E+03	-0.69828E+03	0.77028E+03
144	0.22210E+01	0.14807E+02	-0.12586E+02	-0.40762E+03	-0.67470E+03	0.73463E+03
145	-0.12510E+01	-0.83401E+01	0.94683E+01	0.19769E+03	-0.49445E+03	0.16082E+04
146	-0.52658E+00	-0.35105E+01	0.73265E+01	0.24561E+03	-0.36948E+03	0.13657E+04
147	-0.54702E+00	-0.36468E+01	0.72413E+01	0.23159E+03	-0.38736E+03	0.13470E+04
148	-0.57094E+00	-0.38062E+01	-0.17286E+01	0.22226E+03	-0.40721E+03	0.13497E+04
149	-0.59881E+00	-0.39920E+01	-0.16274E+01	0.20767E+03	-0.43090E+03	0.13726E+04
150	-0.69645E+00	-0.46430E+01	-0.46793E+00	0.13595E+03	-0.48058E+03	0.13356E+04
151	-0.83959E+00	-0.55972E+01	-0.31462E+02	0.10751E+03	-0.54822E+03	0.13656E+04
152	-0.76244E+00	-0.50829E+01	-0.56801E+02	0.10854E+03	-0.49621E+03	0.13540E+04
153	-0.64294E+00	-0.42863E+01	-0.50289E+02	0.81442E+02	-0.41995E+03	0.13228E+04
154	-0.36920E+00	-0.24613E+01	-0.97007E+02	0.54833E+02	-0.23994E+03	0.12854E+04
155	0.25424E-01	0.16949E+00	-0.80016E+02	0.75500E+02	0.28414E+02	0.12018E+04
156	0.34498E+00	0.22998E+01	-0.67917E+02	0.42331E+02	0.23823E+03	0.11138E+04
157	0.60146E+00	0.40097E+01	-0.54314E+02	0.40707E+02	0.41039E+03	0.99087E+03
158	0.80449E+00	0.53633E+01	-0.44945E+02	0.21646E+02	0.54400E+03	0.87215E+03
159	0.95743E+00	0.63829E+01	-0.31996E+02	-0.11077E+02	0.64190E+03	0.72188E+03
160	0.10603E+01	0.70686E+01	-0.22253E+02	-0.20592E+02	0.70961E+03	0.58206E+03
161	0.12324E+01	0.82157E+01	-0.11018E+02	-0.30907E+02	0.77114E+03	0.41162E+03
162	0.12674E+01	0.84496E+01	0.39160E+00	-0.31146E+02	0.74411E+03	0.28954E+03
163	0.14501E+01	0.96676E+01	0.23550E+01	-0.51089E+02	0.84904E+03	0.20458E+03
164	0.14328E+01	0.95518E+01	0.39811E+01	-0.90448E+02	0.83288E+03	0.14527E+03

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165	0.79211E+03	0.11904E+03	0.14139E+01	0.41484E+02	0.84545E+03	0.11629E+03
166	0.64467E+03	0.89048E+02	0.94739E+01	0.30649E+02	0.78545E+03	0.10560E+03
167	0.51235E+03	0.65786E+02	0.11962E+02	0.24352E+02	0.67083E+03	0.96815E+02
168	0.39294E+03	0.47765E+02	0.11843E+02	0.18048E+02	0.55341E+03	0.89417E+02
169	0.25133E+03	0.23993E+02	0.14047E+02	0.12262E+02	0.47486E+03	0.81185E+02
170	0.11095E+03	-0.16049E+01	0.13541E+02	0.57371E+01	0.42570E+03	0.71793E+02
171	-0.31924E+02	-0.26348E+02	0.21086E+02	-0.29739E+01	0.33628E+03	0.53703E+02
172	-0.11533E+03	-0.37247E+02	0.19098E+02	-0.11767E+02	0.21893E+03	0.44700E+02
173	-0.11618E+03	-0.30005E+02	0.11790E+02	-0.16604E+02	0.11531E+03	0.35111E+02
174	-0.70609E+02	-0.14556E+02	0.35707E+01	-0.17489E+02	0.41503E+02	0.28803E+02
175	-0.16584E+02	-0.12435E+01	-0.11808E+01	-0.13562E+02	0.21237E+02	0.26325E+02
176	0.30447E+01	0.21502E+01	-0.15338E+01	-0.97193E+01	0.29642E+02	0.24856E+02
177	0.53496E+01	0.16405E+01	-0.74105E+00	-0.66707E+01	0.34779E+02	0.20598E+02
178	0.19623E+01	0.28171E+00	0.15487E+01	-0.45795E+01	0.26761E+02	0.14932E+02
179	-0.52045E+00	-0.21736E+00	0.12415E+00	-0.37385E+01	0.18957E+02	0.10511E+02
180	-0.55478E-01	-0.88857E-01	0.71621E-01	-0.27606E+01	0.11033E+02	0.63326E+01
181	-0.18965E+00	-0.18809E+00	0.13832E+00	-0.20323E+01	0.50129E+01	0.22283E+01
182	0.67066E+00	0.31147E+00	-0.18337E+00	-0.64576E+00	-0.11324E+01	-0.43366E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.14062E-02	0.22361E-04	0.11272E-02	0.00000E+00
3	-0.19975E-02	0.18355E-04	0.20700E-02	0.00000E+00
4	-0.19622E-02	-0.13893E-04	0.22220E-02	0.00000E+00
5	-0.18713E-02	-0.40225E-04	0.18996E-02	0.00000E+00
6	-0.15197E-02	0.41525E-05	0.15206E-02	0.00000E+00
7	-0.18679E-02	0.10603E-03	0.17012E-02	0.00000E+00
8	-0.14819E-02	0.15753E-03	0.13895E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.98096E-03	0.46241E-04	0.78852E-03	0.00000E+00
11	-0.16835E-02	0.10998E-03	0.13229E-02	0.00000E+00
12	-0.18430E-02	0.15683E-03	0.14150E-02	0.00000E+00
13	-0.17722E-02	0.25209E-03	0.13181E-02	0.00000E+00
14	-0.14488E-02	0.34342E-03	0.10356E-02	0.00000E+00
15	-0.16610E-02	0.50172E-03	0.70755E-03	0.00000E+00
16	-0.13978E-02	0.62658E-03	0.46565E-03	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.82747E-03	0.17139E-03	-0.16936E-04	0.00000E+00
19	-0.14021E-02	0.46544E-03	-0.56559E-04	0.00000E+00
20	-0.15575E-02	0.61734E-03	-0.27106E-04	0.00000E+00
21	-0.15142E-02	0.79624E-03	-0.14217E-03	0.00000E+00
22	-0.13290E-02	0.95291E-03	-0.31562E-03	0.00000E+00
23	-0.13239E-02	0.12682E-02	-0.13000E-02	0.00000E+00
24	-0.12451E-02	0.15417E-02	-0.12931E-02	0.00000E+00
25	-0.11943E-02	0.19347E-02	-0.18467E-02	0.00000E+00
26	-0.11678E-02	0.21366E-02	-0.21523E-02	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.72358E-03	0.31398E-03	-0.14807E-02	0.00000E+00
29	-0.11821E-02	0.93281E-03	-0.26451E-02	0.00000E+00
30	-0.12503E-02	0.12918E-02	-0.27738E-02	0.00000E+00
31	-0.12665E-02	0.18114E-02	-0.27481E-02	0.00000E+00
32	-0.11445E-02	0.23882E-02	-0.24692E-02	0.00000E+00
33	-0.12592E-02	0.18991E-02	-0.33282E-02	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.69396E-03	0.33119E-03	-0.20781E-02	0.00000E+00
36	-0.11345E-02	0.95660E-03	-0.37299E-02	0.00000E+00
37	-0.11667E-02	0.15690E-02	-0.40352E-02	0.00000E+00
38	-0.12373E-02	0.19349E-02	-0.39218E-02	0.00000E+00
39	-0.10857E-02	0.24445E-02	-0.30811E-02	0.00000E+00
40	-0.10971E-02	0.24384E-02	-0.29448E-02	0.00000E+00
41	-0.11095E-02	0.24329E-02	-0.28120E-02	0.00000E+00
42	-0.11243E-02	0.24248E-02	-0.26518E-02	0.00000E+00
43	-0.92284E-03	0.12616E-02	-0.68429E-02	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.34599E-03	0.26116E-03	-0.43010E-02	0.00000E+00
46	-0.44923E-03	0.84716E-03	-0.89570E-02	0.00000E+00
47	-0.10775E-02	0.24444E-02	-0.31714E-02	0.00000E+00
48	-0.10823E-02	0.24447E-02	-0.31246E-02	0.00000E+00
49	-0.12319E-02	0.19421E-02	-0.41388E-02	0.00000E+00
50	-0.10837E-02	0.24648E-02	-0.30892E-02	0.00000E+00
51	-0.98502E-03	0.17678E-02	-0.73217E-02	0.00000E+00
52	-0.87424E-03	0.22776E-02	-0.72687E-02	0.00000E+00
53	-0.10620E-02	0.24342E-02	-0.35372E-02	0.00000E+00
54	-0.42271E-03	0.11740E-02	-0.99394E-02	0.00000E+00
55	-0.45914E-03	0.16671E-02	-0.11218E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.23801E-03	0.19463E-03	-0.79506E-02	0.00000E+00
58	0.67428E-03	0.71460E-03	-0.14570E-01	0.00000E+00
59	-0.35934E-03	0.21963E-02	-0.12088E-01	0.00000E+00
60	-0.77533E-03	0.22308E-02	-0.86248E-02	0.00000E+00
61	-0.10841E-02	0.24756E-02	-0.30828E-02	0.00000E+00
62	0.84110E-03	0.10483E-02	-0.16585E-01	0.00000E+00
63	0.10470E-02	0.15767E-02	-0.19260E-01	0.00000E+00
64	-0.86456E-03	0.23225E-02	-0.73806E-02	0.00000E+00
65	-0.10845E-02	0.24858E-02	-0.30751E-02	0.00000E+00
66	-0.10877E-02	0.25064E-02	-0.30600E-02	0.00000E+00
67	-0.10908E-02	0.25284E-02	-0.30469E-02	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.97073E-03	0.75077E-04	-0.10209E-01	0.00000E+00
70	0.20272E-02	0.55831E-03	-0.19306E-01	0.00000E+00
71	0.11356E-02	0.21903E-02	-0.21310E-01	0.00000E+00
72	-0.73898E-03	0.23322E-02	-0.87259E-02	0.00000E+00
73	0.27857E-02	0.13557E-02	-0.25557E-01	0.00000E+00
74	-0.84810E-03	0.25284E-02	-0.89769E-02	0.00000E+00
75	-0.10933E-02	0.25485E-02	-0.30306E-02	0.00000E+00
76	-0.11102E-02	0.25894E-02	-0.29967E-02	0.00000E+00
77	0.30804E-02	0.19358E-02	-0.28440E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.16579E-02	-0.51241E-05	-0.12463E-01	0.00000E+00
80	0.34099E-02	0.35850E-03	-0.23584E-01	0.00000E+00
81	0.39425E-02	0.62607E-03	-0.26627E-01	0.00000E+00
82	0.45652E-02	0.10942E-02	-0.30480E-01	0.00000E+00
83	0.12087E-02	0.29359E-02	-0.22690E-01	0.00000E+00
84	0.47241E-02	0.24567E-02	-0.35120E-01	0.00000E+00
85	-0.11447E-02	0.26438E-02	-0.29477E-02	0.00000E+00
86	-0.84499E-03	0.27905E-02	-0.90734E-02	0.00000E+00
87	0.50462E-02	0.16628E-02	-0.33689E-01	0.00000E+00
88	0.19316E-04	0.23516E-02	-0.15732E-01	0.00000E+00
89	-0.11794E-02	0.26965E-02	-0.28940E-02	0.00000E+00
90	0.73113E-02	0.61946E-03	-0.32062E-01	0.00000E+00
91	0.80232E-02	0.10234E-02	-0.34765E-01	0.00000E+00
92	0.83274E-02	0.13773E-02	-0.35967E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.43532E-02	0.00000E+00	-0.14294E-01	0.00000E+00
95	0.78687E-02	0.00000E+00	-0.26346E-01	0.00000E+00
96	0.87499E-02	0.00000E+00	-0.29232E-01	0.00000E+00
97	0.97200E-02	0.00000E+00	-0.32089E-01	0.00000E+00
98	0.10287E-01	0.00000E+00	-0.33017E-01	0.00000E+00
99	0.89457E-02	0.61769E-03	-0.33612E-01	0.00000E+00
100	0.80012E-02	0.17310E-02	-0.36772E-01	0.00000E+00
101	0.48764E-02	0.34703E-02	-0.36382E-01	0.00000E+00
102	-0.12733E-02	0.27751E-02	-0.28045E-02	0.00000E+00
103	0.11773E-02	0.34641E-02	-0.23367E-01	0.00000E+00
104	-0.10073E-02	0.31727E-02	-0.90640E-02	0.00000E+00
105	-0.13676E-02	0.28518E-02	-0.27036E-02	0.00000E+00
106	0.11286E-02	0.39325E-02	-0.23407E-01	0.00000E+00
107	-0.11320E-02	0.35125E-02	-0.89044E-02	0.00000E+00
108	-0.14479E-02	0.29269E-02	-0.25914E-02	0.00000E+00
109	-0.15184E-02	0.29934E-02	-0.24676E-02	0.00000E+00
110	0.87972E-03	0.48101E-02	-0.22707E-01	0.00000E+00
111	-0.12701E-02	0.38660E-02	-0.35895E-02	0.00000E+00
112	-0.15731E-02	0.30666E-02	-0.23324E-02	0.00000E+00
113	0.21024E-03	0.47867E-02	-0.19737E-01	0.00000E+00
114	-0.16166E-02	0.31308E-02	-0.21857E-02	0.00000E+00
115	-0.16383E-02	0.31900E-02	-0.20276E-02	0.00000E+00
116	-0.16386E-02	0.32425E-02	-0.18603E-02	0.00000E+00

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117	-0.13549E-02	0.42107E-02	-0.80424E-02	0.00000E+00
118	-0.16343E-02	0.32666E-02	-0.17731E-02	0.00000E+00
119	-0.16104E-02	0.32985E-02	-0.16266E-02	0.00000E+00
120	-0.16204E-02	0.46235E-02	-0.71298E-02	0.00000E+00
121	-0.15899E-02	0.33408E-02	-0.14356E-02	0.00000E+00
122	-0.15847E-02	0.33770E-02	-0.13652E-02	-0.90697E-05
123	-0.15559E-02	0.34562E-02	-0.13026E-02	-0.16558E-04
124	-0.15064E-02	0.35854E-02	-0.12406E-02	-0.25640E-04
125	-0.14179E-02	0.37777E-02	-0.11749E-02	-0.37268E-04
126	-0.11973E-02	0.42431E-02	-0.10663E-02	-0.53370E-04
127	-0.92248E-03	0.48188E-02	-0.96061E-03	-0.59827E-04
128	-0.34584E-03	0.61052E-02	-0.74407E-03	-0.53137E-04
129	0.65169E-04	0.70817E-02	-0.34456E-03	-0.34539E-04
130	0.28203E-03	0.76459E-02	-0.32820E-03	-0.96333E-05
131	0.17012E-03	0.73527E-02	-0.13903E-05	0.17950E-04
132	-0.16464E-03	0.62664E-02	0.27995E-03	0.26985E-04
133	-0.47713E-03	0.50876E-02	0.32416E-03	0.24671E-04
134	-0.69666E-03	0.40512E-02	0.71879E-03	0.21962E-04
135	-0.85995E-03	0.30727E-02	0.87146E-03	0.21553E-04
136	-0.97936E-03	0.21049E-02	0.90659E-03	0.21371E-04
137	-0.10478E-02	0.11622E-02	0.10495E-02	0.21406E-04
138	-0.10942E-02	0.17190E-03	0.10941E-02	0.21501E-04
139	-0.10942E-02	0.21481E-04	0.10942E-02	0.21482E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6300E+01

492

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.42200E-01	0.13100E-01	-0.25296E-01	-0.14497E+00	0.50686E-02	0.11445E+00
2	0.66082E-01	0.17294E-01	-0.43596E-01	-0.74956E-01	-0.12276E-01	0.82750E-01
3	0.65678E-01	0.56015E-02	-0.70203E-01	-0.13301E-02	-0.83490E-01	0.24032E-01
4	0.68540E-01	0.55894E-01	0.11113E+00	0.46109E-01	-0.57744E-01	-0.79227E-01
5	0.13945E-01	0.73866E-02	-0.47900E-01	0.22933E-01	-0.52699E-01	-0.40410E-01
6	0.34052E-01	0.40775E-01	-0.76611E-01	0.41713E-01	-0.32023E-01	-0.40667E-01
7	-0.17838E-01	-0.43408E-02	-0.66585E-01	0.10987E+00	-0.93307E-02	-0.97540E-01
8	-0.23796E-02	0.63755E-02	-0.93732E-01	0.10947E+00	-0.32937E-01	-0.91875E-01
9	0.35572E-01	0.50449E-01	-0.25549E-02	-0.10574E+00	-0.17563E-01	0.44331E-01
10	0.42544E-01	0.52677E-01	-0.63905E-01	-0.59999E-01	-0.47026E-01	0.20140E-01
11	0.61112E-01	0.46818E-01	-0.22165E+00	0.55577E-02	-0.11784E+00	-0.12090E-01
12	0.13152E-01	0.14276E-01	-0.12195E+00	0.60413E-01	-0.61857E-01	-0.45580E-01
13	0.15740E-01	0.13771E-01	-0.15480E+00	0.50132E-01	-0.70690E-01	-0.22662E-01
14	0.38242E-01	0.62549E-01	-0.15246E+00	0.62570E-01	-0.84574E-01	-0.56377E-01
15	-0.14373E-01	0.47893E-02	-0.14325E+00	0.11383E+00	-0.56327E-01	-0.89325E-01
16	-0.24600E-01	-0.41665E-03	-0.19730E+00	0.10630E+00	-0.80354E-01	-0.83658E-01
17	0.49232E-01	0.10073E+00	-0.50433E-02	-0.89414E-01	-0.31918E-01	-0.95219E-01
18	0.42413E-01	0.12958E+00	-0.10898E+00	-0.40159E-01	-0.89166E-01	-0.87931E-01
19	0.30706E-01	0.13875E+00	-0.38072E+00	0.44995E-01	-0.23599E+00	-0.68578E-01
20	0.34895E-01	0.43506E-01	-0.19672E+00	0.94599E-01	-0.12759E+00	-0.62134E-01
21	0.44062E-01	0.12714E+00	-0.20848E+00	0.77793E-01	-0.14565E+00	-0.20484E-01
22	0.59410E-01	0.26442E+00	-0.18652E+00	0.91932E-01	-0.14153E+00	-0.40723E-01
23	0.17674E-02	0.48702E-01	-0.21751E+00	0.12534E+00	-0.10788E+00	-0.64405E-01
24	-0.26911E-01	0.59023E-01	-0.25471E+00	0.15953E+00	-0.10434E+00	-0.53738E-01
25	0.36211E-01	0.20025E+00	-0.20024E+00	0.13418E+00	-0.13317E+00	-0.17476E-01
26	0.16916E+00	0.39578E+00	-0.84642E-01	0.19949E+00	-0.10538E+00	-0.16881E-02
27	0.59177E-01	0.13095E+00	-0.77969E-02	-0.84569E-01	-0.41487E-01	-0.22137E+00
28	0.30535E-01	0.16415E+00	-0.15242E+00	-0.50037E-01	-0.11888E+00	-0.18735E+00
29	-0.15333E-02	0.21855E+00	-0.49555E+00	0.57428E-02	-0.34541E+00	-0.13432E+00
30	-0.21131E-01	0.19618E+00	-0.27658E+00	0.43987E-01	-0.19040E+00	-0.43489E-01
31	0.10972E+00	0.30819E+00	-0.12931E+00	0.10429E-01	-0.22561E+00	-0.20727E-01
32	0.20112E-01	0.23938E+00	-0.27993E+00	0.58202E-02	-0.21374E+00	-0.23126E-01
33	0.13761E+00	0.37317E+00	-0.12419E+00	0.84146E-01	-0.14240E+00	0.19273E-01
34	0.17763E+00	0.39039E+00	-0.10111E+00	0.66217E-01	-0.35492E-01	0.59780E-01
35	0.13048E+00	0.35823E+00	-0.13437E+00	0.42622E-01	-0.39228E-01	0.60723E-01
36	0.70394E-01	0.29551E+00	-0.21035E+00	0.57503E-01	-0.22338E+00	0.10579E+00
37	0.85252E-01	0.30366E+00	-0.18494E+00	0.43663E-01	-0.39409E-01	0.14037E+00
38	0.61965E-01	0.10998E+00	-0.40401E-01	-0.66006E-01	-0.56395E-01	-0.42331E+00
39	0.76257E-01	0.15193E+00	-0.21465E+00	-0.39518E-01	-0.16924E+00	-0.36671E+00
40	0.78441E-01	0.24419E+00	-0.57492E+00	-0.41399E-01	-0.52851E+00	-0.16392E+00
41	0.99890E-01	0.17151E+00	-0.67085E+00	-0.63364E-01	-0.44311E+00	-0.22339E+00
42	0.17452E+00	0.13390E+00	-0.76693E+00	-0.14807E-01	-0.53727E+00	-0.39966E+00
43	0.99325E-01	0.29539E+00	-0.26839E+00	-0.31050E-01	-0.29464E+00	-0.32675E-02
44	0.12823E-01	0.14243E+00	-0.42451E+00	-0.45161E-01	-0.40491E+00	-0.14403E+00
45	0.13857E+00	0.18775E+00	-0.44695E+00	-0.30142E-01	-0.43959E+00	-0.13855E+00
46	0.78519E-01	0.12654E+00	-0.51001E+00	-0.22389E-01	-0.30136E+00	-0.30614E+00
47	0.45881E-01	0.26791E+00	-0.23091E+00	0.44735E-01	-0.17522E+00	-0.15464E+00
48	0.96076E-01	0.30276E+00	-0.18577E+00	0.36154E-01	-0.50434E-01	0.17197E+00
49	0.15112E+00	0.33316E+00	-0.20631E+00	0.39860E-02	-0.30739E+00	0.29304E+00
50	0.25594E-02	0.14627E+00	-0.41009E+00	-0.21349E-01	-0.69241E+00	-0.40642E-01
51	-0.17171E+00	-0.11974E+00	-0.43273E+00	-0.40421E-02	-0.60847E-01	-0.10939E-01
52	-0.46825E+00	-0.53406E+00	-0.79720E+00	0.30667E-01	-0.41628E+00	-0.16620E+01
53	0.78727E-01	0.11750E+00	-0.55279E+00	0.51553E-02	-0.48332E+00	-0.15373E+00
54	0.52995E-01	0.62210E-01	-0.92449E-01	-0.59829E-02	-0.66009E-01	-0.78103E+00

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55	0.99092E-01	0.10533E+00	-0.30875E+00	0.99966E-02	-0.18183E+00	-0.66631E+00
56	0.22139E+00	0.11394E+00	-0.89158E+00	0.16500E-01	-0.51733E+00	-0.57873E+00
57	0.14046E+00	0.12173E+00	-0.61081E+00	0.89919E-02	-0.38087E+00	-0.45326E+00
58	0.13441E+00	0.12184E+00	-0.69645E+00	0.16339E-01	-0.46279E+00	-0.35114E+00
59	-0.39118E-01	0.34585E-02	-0.10625E+00	0.35201E-01	0.33568E-01	-0.97259E+00
60	0.57638E-01	-0.24141E-01	-0.18222E+00	0.10938E+00	-0.95764E-01	-0.12489E+01
61	0.41208E-01	-0.41222E-01	-0.20850E+00	0.11276E+00	-0.90812E-01	-0.12480E+01
62	-0.15532E+00	-0.15658E+00	-0.23173E+00	0.20263E+00	0.38205E-01	-0.15232E+01
63	0.79562E-01	0.52914E-01	-0.37645E+00	0.78055E-01	-0.10307E+00	-0.96535E+00
64	0.37414E-01	-0.10869E-01	-0.42685E+00	0.16136E+00	-0.83273E-01	-0.12382E+01
65	0.26141E+00	0.10922E+00	-0.95760E+00	0.38245E-01	-0.28343E+00	-0.75909E+00
66	0.29542E+00	0.45031E-01	-0.10314E+01	0.10272E+00	-0.30043E+00	-0.86100E+00
67	0.21903E+00	0.96628E-02	-0.10371E+01	0.16598E+00	-0.20223E+00	-0.11267E+01
68	0.18736E+00	0.11499E+00	-0.70140E+00	0.25457E-01	-0.25202E+00	-0.60020E+00
69	0.12364E+00	0.79554E-01	-0.71121E+00	0.67055E-01	-0.15213E+00	-0.87001E+00
70	0.13807E+00	0.32478E-01	-0.76685E+00	0.11225E+00	-0.12841E+00	-0.84758E+00
71	0.16995E+00	0.10944E+00	-0.80159E+00	0.21021E-01	-0.25561E+00	-0.56101E+00
72	0.15246E+00	0.76772E-01	-0.83169E+00	0.60869E-01	-0.11102E+00	-0.67942E+00
73	-0.17540E-01	-0.67580E-01	-0.14922E+00	0.36739E+00	0.24350E-01	-0.16351E+01
74	0.11295E-01	-0.75420E-01	-0.35539E+00	0.31867E+00	0.75669E-01	-0.14168E+01
75	0.18150E+00	-0.60150E-01	-0.80714E+00	0.24116E+00	0.22605E+00	-0.10910E+01
76	0.49720E-01	0.13531E-01	-0.72486E+00	0.11434E+00	0.19922E+00	-0.84327E+00
77	0.41781E-01	-0.33755E-01	-0.59092E+00	0.19564E+00	0.15575E+00	-0.89918E+00
78	-0.11222E+00	-0.32093E+00	-0.69010E+00	0.18333E+00	0.18339E+00	-0.62075E+00
79	0.51002E-01	0.13702E-01	-0.75427E+00	0.10503E+00	0.22105E+00	-0.65208E+00
80	-0.58115E-01	-0.53929E-01	-0.68929E+00	0.11657E+00	0.33693E+00	-0.59250E+00
81	0.64613E-01	-0.19236E-01	-0.54972E+00	0.82978E-01	0.20162E+00	-0.33655E+00
82	-0.84735E-01	-0.30321E+00	-0.67328E+00	0.72493E-01	0.23352E+00	-0.20257E+00
83	-0.49816E-01	-0.24012E-01	-0.69846E+00	0.46959E-01	0.34566E+00	-0.34318E+00
84	0.47144E-01	0.18748E-01	-0.75856E+00	0.83490E-01	0.25262E+00	-0.43300E+00
85	0.70098E-01	0.28072E-01	-0.88831E+00	0.17919E-01	0.25671E+00	-0.35218E+00
86	0.47468E-01	0.26129E-01	-0.94295E+00	-0.12129E-01	0.27271E+00	-0.20028E+00
87	0.12298E+00	0.49875E-01	-0.93501E+00	0.44045E-01	-0.96318E-01	-0.64447E+00
88	0.18774E+00	0.10986E+00	-0.88077E+00	0.12062E-01	-0.27914E+00	-0.34502E+00
89	0.20011E+00	0.11827E+00	-0.90586E+00	-0.33578E-01	-0.28150E+00	-0.22752E+00
90	0.15656E+00	0.51859E-01	-0.98771E+00	-0.55715E-02	-0.26557E+00	-0.21367E+00
91	0.22447E+00	0.11299E+00	-0.92482E+00	-0.39996E-01	-0.30058E+00	-0.65004E-01
92	0.18982E+00	0.57400E-01	-0.95586E+00	-0.65880E-01	-0.30239E+00	0.48719E-01
93	0.95739E-01	0.12733E+00	-0.54638E+00	-0.22567E-01	-0.55592E+00	-0.15839E+00
94	0.14565E+00	0.14229E+00	-0.61706E+00	0.23646E-01	-0.53506E+00	-0.19858E+00
95	0.92454E-01	0.82541E-01	-0.63169E+00	0.91354E-02	-0.60816E+00	-0.96972E-01
96	0.87139E-01	0.87390E-01	-0.79328E+00	-0.89965E-02	-0.51864E+00	-0.26648E+00
97	0.73496E-01	0.57587E-01	-0.65413E+00	-0.36086E-01	-0.60642E+00	-0.59757E-01
98	0.10362E+00	0.80499E-01	-0.77952E+00	0.27627E-01	-0.59141E+00	-0.13615E+00
99	0.74867E-01	0.68171E-01	-0.90286E+00	0.17652E-02	-0.50529E+00	-0.23675E+00
100	0.71634E-01	0.25546E-01	-0.82119E+00	0.36826E-03	-0.59517E+00	-0.50911E-01
101	0.10584E+00	0.14092E-01	-0.74090E+00	-0.79553E-02	-0.62683E+00	0.93806E-02
102	0.91636E-01	0.31175E-01	-0.87301E+00	-0.33658E-01	-0.58029E+00	0.51341E-01
103	0.42272E-01	-0.13226E-01	-0.72887E+00	0.21614E-01	-0.64050E+00	0.60481E-01
104	0.82353E-01	0.31766E-01	-0.67365E+00	-0.17064E-01	-0.64807E+00	0.11896E+00
105	-0.64180E-01	0.37056E-01	-0.57545E+00	-0.26296E-01	-0.61096E+00	-0.21721E+00
106	-0.15802E+00	-0.13762E+00	-0.51155E+00	-0.34214E-01	-0.58397E+00	-0.33430E-01
107	-0.91037E-01	-0.15608E-01	-0.47433E+00	-0.18307E-01	-0.58431E+00	-0.18719E+00
108	-0.95591E-01	-0.18218E-01	-0.49623E+00	-0.16297E-01	-0.59643E+00	-0.17516E+00
109	-0.16542E+00	-0.15114E+00	-0.54559E+00	-0.30195E-01	-0.61762E+00	-0.33554E-01
110	-0.11146E+00	-0.18380E-01	-0.52451E+00	-0.40045E-01	-0.61598E+00	-0.13677E+00
111	-0.21665E+00	-0.19889E+00	-0.59119E+00	-0.26546E-01	-0.65804E+00	-0.27720E-01
112	-0.21633E+00	-0.19894E+00	-0.59035E+00	-0.36309E-01	-0.65831E+00	-0.25467E-01
113	-0.86306E-01	0.45963E-01	-0.54437E+00	0.33798E-02	-0.63433E+00	-0.10225E+00
114	-0.16492E+00	-0.16978E+00	-0.55953E+00	-0.15470E-01	-0.68477E+00	-0.24741E-01

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000497

115	-0.16277E+00	-0.17130E+00	-0.56014E+00	-0.30123E-01	-0.68490E+00	-0.20972E-01
116	-0.55841E-01	0.47160E-01	-0.54084E+00	-0.15984E-01	-0.65779E+00	-0.66616E-01
117	-0.15333E+00	-0.16770E+00	-0.55730E+00	-0.77519E-02	-0.70815E+00	-0.19224E-01
118	-0.15575E+00	-0.17205E+00	-0.55907E+00	0.78398E-04	-0.70847E+00	-0.14444E-01
119	-0.89127E-01	-0.75645E-02	-0.57381E+00	0.22513E-01	-0.67458E+00	-0.32843E-01
120	-0.13850E+00	-0.16571E+00	-0.54680E+00	0.31432E-01	-0.71983E+00	-0.12278E-01
121	-0.14124E+00	-0.17206E+00	-0.54729E+00	0.39990E-01	-0.72095E+00	-0.72729E-02
122	-0.63255E-01	0.22503E-01	-0.54577E+00	0.46917E-01	-0.68026E+00	0.26052E-02
123	-0.16836E+00	-0.19312E+00	-0.55812E+00	0.74896E-01	-0.71950E+00	-0.51414E-02
124	-0.17145E+00	-0.20178E+00	-0.55719E+00	0.88918E-01	-0.72151E+00	-0.13634E-03
125	-0.87601E-01	0.10898E-01	-0.53869E+00	0.91939E-01	-0.67009E+00	0.59021E-01
126	-0.21240E+00	-0.23228E+00	-0.56770E+00	0.13090E+00	-0.69792E+00	0.12537E-02
127	-0.21325E+00	-0.23792E+00	-0.56421E+00	0.13586E+00	-0.70010E+00	0.43657E-02
128	-0.21619E+00	-0.12235E+00	-0.55989E+00	0.11725E+00	-0.65526E+00	0.73195E-01
129	-0.43807E+00	-0.38404E+00	-0.63221E+00	0.13479E+00	-0.64490E+00	0.87633E-02
183	0.16387E-01	0.11533E+00	-0.50174E+00	-0.49719E-02	-0.64143E+00	-0.36610E-01

49A

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.76367E-01	-0.50912E+00	0.43275E+00	0.46871E+01	-0.15947E+02	-0.34303E+01
131	-0.39096E-01	-0.26064E+00	0.22154E+00	0.14746E+01	-0.30872E+02	-0.14867E+02
132	-0.48389E-01	-0.32260E+00	0.27421E+00	0.20166E+01	-0.49338E+02	-0.24139E+02
133	-0.39525E-01	-0.26350E+00	0.22397E+00	0.25578E+01	-0.67531E+02	-0.33144E+02
134	-0.70607E-01	-0.47072E+00	0.40011E+00	0.26721E+01	-0.85348E+02	-0.41130E+02
135	-0.84674E-01	-0.56450E+00	0.47982E+00	0.41322E+01	-0.97416E+02	-0.46188E+02
136	-0.73207E-01	-0.48805E+00	0.41484E+00	0.29885E+01	-0.10375E+03	-0.47610E+02
137	-0.93044E-01	-0.62030E+00	0.52725E+00	0.42410E-01	-0.10845E+03	-0.49157E+02
138	-0.16230E-01	-0.10820E+00	-0.39538E-01	-0.24315E+01	-0.16770E+03	-0.50498E+02
139	0.24754E+00	0.16503E+01	-0.19412E+01	-0.61557E+01	-0.28371E+03	-0.56010E+02
140	0.71199E+00	0.47466E+01	-0.40346E+01	-0.66903E+01	-0.34335E+03	-0.60453E+02
141	0.66779E+00	0.44520E+01	-0.37842E+01	-0.10602E+02	-0.34630E+03	-0.64737E+02
142	0.75948E+00	0.50632E+01	-0.43037E+01	-0.13564E+02	-0.34838E+03	-0.64994E+02
143	0.77926E+00	0.51952E+01	-0.44159E+01	0.19117E+01	-0.34694E+03	-0.80625E+02
144	0.92787E+00	0.61858E+01	-0.52579E+01	-0.86137E+00	-0.34967E+03	-0.87449E+02
145	-0.65260E+00	-0.43506E+01	-0.11088E+01	0.66257E+02	-0.26346E+03	-0.11278E+02
146	-0.25985E+00	-0.17322E+01	-0.14981E+00	0.54308E+02	-0.19234E+03	0.29806E+02
147	-0.25941E+00	-0.17294E+01	-0.18357E+00	0.50354E+02	-0.19262E+03	0.25966E+02
148	-0.25882E+00	-0.17254E+01	-0.77045E-01	0.51107E+02	-0.19204E+03	0.26791E+02
149	-0.25813E+00	-0.17209E+01	-0.56274E-01	0.56501E+02	-0.19071E+03	0.30565E+02
150	-0.28597E+00	-0.19064E+01	-0.13609E+00	0.50819E+02	-0.19808E+03	0.26472E+02
151	-0.34066E+00	-0.22711E+01	0.15800E+00	0.58806E+02	-0.22016E+03	0.29106E+02
152	-0.33936E+00	-0.22624E+01	0.38683E+00	0.58549E+02	-0.21933E+03	0.27511E+02
153	-0.33796E+00	-0.22532E+01	0.35752E+00	0.55871E+02	-0.21880E+03	0.25360E+02
154	-0.33738E+00	-0.22492E+01	0.90784E+00	0.55223E+02	-0.21849E+03	0.22564E+02
155	-0.33729E+00	-0.22486E+01	0.86310E+00	0.53276E+02	-0.21873E+03	0.18868E+02
156	-0.33570E+00	-0.22380E+01	0.60474E+00	0.51474E+02	-0.21792E+03	0.15192E+02
157	-0.33216E+00	-0.22144E+01	0.41413E+00	0.47708E+02	-0.21611E+03	0.11338E+02
158	-0.32602E+00	-0.21774E+01	0.13630E+00	0.44450E+02	-0.21288E+03	0.74675E+01
159	-0.31910E+00	-0.21273E+01	-0.47729E-01	0.40788E+02	-0.20837E+03	0.34758E+01
160	-0.30919E+00	-0.20513E+01	-0.46737E+00	0.35914E+02	-0.20244E+03	-0.46774E+00
161	-0.32721E+00	-0.21614E+01	-0.86713E+00	0.30705E+02	-0.20138E+03	-0.39471E+01
162	-0.32119E+00	-0.21413E+01	-0.10657E+01	0.25441E+02	-0.18593E+03	-0.61943E+01
163	-0.35675E+00	-0.23722E+01	-0.16054E+01	0.17733E+02	-0.20809E+03	-0.71987E+01
164	-0.33623E+00	-0.22415E+01	-0.15469E+01	0.24717E+02	-0.19493E+03	-0.14549E+02

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165	-0.19503E+03	-0.25936E+02	-0.32285E+01	-0.12026E+02	-0.19296E+03	-0.16714E+02
166	-0.15815E+03	-0.19073E+02	-0.46663E+01	-0.91375E+01	-0.17807E+03	-0.14301E+02
167	-0.12471E+03	-0.14128E+02	-0.44926E+01	-0.74224E+01	-0.15084E+03	-0.12312E+02
168	-0.94299E+02	-0.10296E+02	-0.38337E+01	-0.57138E+01	-0.12318E+03	-0.10620E+02
169	-0.58434E+02	-0.45790E+01	-0.41265E+01	-0.41092E+01	-0.10379E+03	-0.87199E+01
170	-0.22878E+02	0.18742E+01	-0.51817E+01	-0.23059E+01	-0.90238E+02	-0.65769E+01
171	0.12210E+02	0.78116E+01	-0.57145E+01	0.77523E-01	-0.66345E+02	-0.37021E+01
172	0.32542E+02	0.10312E+02	-0.50753E+01	0.24573E+01	-0.35721E+02	-0.84788E+00
173	0.31673E+02	0.81416E+01	-0.30792E+01	0.37625E+01	-0.10444E+02	0.78623E+00
174	0.17403E+02	0.37621E+01	-0.96541E+00	0.40126E+01	0.63823E+01	0.12822E+01
175	0.37420E+01	0.43650E+00	0.17195E+00	0.30831E+01	0.79770E+01	0.73946E+00
176	-0.68349E+00	-0.30540E+00	0.21490E+00	0.22100E+01	0.41526E+01	0.17159E+00
177	-0.62823E+00	-0.15430E+00	0.72782E-01	0.16085E+01	0.19805E+01	-0.14407E-01
178	-0.70168E-01	-0.21093E-01	0.20462E-01	0.11585E+01	0.11640E+01	-0.13021E-01
179	-0.31235E-01	-0.83133E-02	0.11605E-01	0.83567E+00	0.80720E+00	-0.22492E-01
180	0.62217E-02	0.11342E-01	-0.54942E-02	0.53116E+00	0.49358E+00	-0.18788E-01
181	0.77513E-02	-0.30579E-02	0.10807E-01	0.22593E+00	0.23904E+00	-0.32364E-01
182	-0.84091E-02	-0.38967E-02	0.22916E-02	0.49149E-02	-0.10697E+00	-0.31641E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6400E+01 (FOR FOURIER TERM, NUMBER 1)

A96

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.60772E-01	0.56144E-04	0.61673E-01	0.00000E+00
3	-0.11454E+00	-0.21603E-03	0.11443E+00	0.00000E+00
4	-0.12835E+00	-0.21011E-03	0.12764E+00	0.00000E+00
5	-0.14730E+00	0.57706E-04	0.14723E+00	0.00000E+00
6	-0.16053E+00	-0.18059E-04	0.16054E+00	0.00000E+00
7	-0.14745E+00	-0.14023E-02	0.14775E+00	0.00000E+00
8	-0.16098E+00	-0.14826E-02	0.16123E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.60261E-01	-0.82915E-03	0.60340E-01	0.00000E+00
11	-0.11348E+00	-0.19532E-02	0.11398E+00	0.00000E+00
12	-0.12756E+00	-0.24268E-02	0.12830E+00	0.00000E+00
13	-0.14770E+00	-0.25442E-02	0.14859E+00	0.00000E+00
14	-0.16197E+00	-0.24548E-02	0.16311E+00	0.00000E+00
15	-0.14876E+00	-0.43123E-02	0.15132E+00	0.00000E+00
16	-0.16363E+00	-0.39386E-02	0.16628E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.58974E-01	-0.16096E-02	0.61062E-01	0.00000E+00
19	-0.11276E+00	-0.40001E-02	0.11627E+00	0.00000E+00
20	-0.12732E+00	-0.50427E-02	0.13159E+00	0.00000E+00
21	-0.14982E+00	-0.53308E-02	0.15410E+00	0.00000E+00
22	-0.16602E+00	-0.51200E-02	0.17088E+00	0.00000E+00
23	-0.15137E+00	-0.74942E-02	0.15826E+00	0.00000E+00
24	-0.16926E+00	-0.69435E-02	0.17711E+00	0.00000E+00
25	-0.17119E+00	-0.86498E-02	0.18093E+00	0.00000E+00
26	-0.17234E+00	-0.91769E-02	0.18319E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.57009E-01	-0.17490E-02	0.61058E-01	0.00000E+00
29	-0.11065E+00	-0.49403E-02	0.11765E+00	0.00000E+00
30	-0.12698E+00	-0.67784E-02	0.13457E+00	0.00000E+00
31	-0.15178E+00	-0.87318E-02	0.16176E+00	0.00000E+00
32	-0.17349E+00	-0.96180E-02	0.18557E+00	0.00000E+00
33	-0.15168E+00	-0.90169E-02	0.16263E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.56359E-01	-0.14693E-02	0.60713E-01	0.00000E+00
36	-0.10971E+00	-0.42766E-02	0.11723E+00	0.00000E+00
37	-0.12615E+00	-0.59657E-02	0.13410E+00	0.00000E+00
38	-0.15156E+00	-0.82748E-02	0.16287E+00	0.00000E+00
39	-0.17502E+00	-0.10062E-01	0.18935E+00	0.00000E+00
40	-0.17471E+00	-0.10037E-01	0.18853E+00	0.00000E+00
41	-0.17440E+00	-0.10011E-01	0.18774E+00	0.00000E+00
42	-0.17407E+00	-0.99596E-02	0.18681E+00	0.00000E+00
43	-0.12456E+00	-0.40237E-02	0.13114E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.54227E-01	-0.48467E-03	0.57702E-01	0.00000E+00
46	-0.10635E+00	-0.19865E-02	0.11128E+00	0.00000E+00
47	-0.17510E+00	-0.10062E-01	0.18962E+00	0.00000E+00
48	-0.17512E+00	-0.10063E-01	0.18962E+00	0.00000E+00
49	-0.15145E+00	-0.80060E-02	0.16270E+00	0.00000E+00
50	-0.17522E+00	-0.10147E-01	0.19011E+00	0.00000E+00
51	-0.14942E+00	-0.59783E-02	0.15708E+00	0.00000E+00
52	-0.17153E+00	-0.10005E-01	0.17936E+00	0.00000E+00
53	-0.17505E+00	-0.10024E-01	0.18963E+00	0.00000E+00
54	-0.12217E+00	-0.32503E-02	0.12694E+00	0.00000E+00
55	-0.14630E+00	-0.53491E-02	0.15128E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.52172E-01	0.64870E-03	0.53422E-01	0.00000E+00
58	-0.10222E+00	-0.41870E-03	0.10345E+00	0.00000E+00
59	-0.16613E+00	-0.79689E-02	0.17115E+00	0.00000E+00
60	-0.16996E+00	-0.94189E-02	0.17697E+00	0.00000E+00
61	-0.17526E+00	-0.10201E-01	0.19043E+00	0.00000E+00
62	-0.11742E+00	-0.93266E-03	0.11810E+00	0.00000E+00
63	-0.13950E+00	-0.23808E-02	0.13953E+00	0.00000E+00
64	-0.17259E+00	-0.10161E-01	0.18128E+00	0.00000E+00
65	-0.17529E+00	-0.10234E-01	0.19073E+00	0.00000E+00
66	-0.17553E+00	-0.10357E-01	0.19135E+00	0.00000E+00
67	-0.17578E+00	-0.10460E-01	0.19197E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.50687E-01	0.10394E-02	0.48618E-01	0.00000E+00
70	-0.97867E-01	0.16212E-02	0.93893E-01	0.00000E+00
71	-0.15930E+00	-0.40789E-02	0.15866E+00	0.00000E+00
72	-0.17304E+00	-0.10245E-01	0.18030E+00	0.00000E+00
73	-0.13296E+00	0.53784E-03	0.12041E+00	0.00000E+00
74	-0.17839E+00	-0.10982E-01	0.18585E+00	0.00000E+00
75	-0.17598E+00	-0.10544E-01	0.19255E+00	0.00000E+00
76	-0.17730E+00	-0.10695E-01	0.19359E+00	0.00000E+00
77	-0.15096E+00	-0.10471E-02	0.14256E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.49617E-01	0.18606E-02	0.44815E-01	0.00000E+00
80	-0.93981E-01	0.31304E-02	0.84167E-01	0.00000E+00
81	-0.10647E+00	0.36516E-02	0.95092E-01	0.00000E+00
82	-0.12519E+00	0.28069E-02	0.11067E+00	0.00000E+00
83	-0.17696E+00	-0.65817E-02	0.17567E+00	0.00000E+00
84	-0.16056E+00	-0.10007E-02	0.14294E+00	0.00000E+00
85	-0.18089E+00	-0.10893E-01	0.19495E+00	0.00000E+00
86	-0.18445E+00	-0.11423E-01	0.19196E+00	0.00000E+00
87	-0.14203E+00	0.16805E-02	0.12479E+00	0.00000E+00
88	-0.18209E+00	-0.92589E-02	0.18442E+00	0.00000E+00
89	-0.18250E+00	-0.11067E-01	0.19625E+00	0.00000E+00
90	-0.11027E+00	0.21077E-02	0.79393E-01	0.00000E+00
91	-0.11998E+00	0.10193E-02	0.85123E-01	0.00000E+00
92	-0.12625E+00	-0.86019E-04	0.88553E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.42317E-01	0.00000E+00	0.21454E-01	0.00000E+00
95	-0.78336E-01	0.00000E+00	0.40474E-01	0.00000E+00
96	-0.87116E-01	0.00000E+00	0.45151E-01	0.00000E+00
97	-0.97966E-01	0.00000E+00	0.51252E-01	0.00000E+00
98	-0.10252E+00	0.00000E+00	0.53598E-01	0.00000E+00
99	-0.10985E+00	0.85694E-03	0.69242E-01	0.00000E+00
100	-0.13493E+00	-0.53352E-03	0.99288E-01	0.00000E+00
101	-0.17580E+00	-0.45444E-02	0.15230E+00	0.00000E+00
102	-0.18914E+00	-0.11286E-01	0.19813E+00	0.00000E+00
103	-0.18711E+00	-0.33059E-02	0.18458E+00	0.00000E+00
104	-0.19440E+00	-0.12223E-01	0.19961E+00	0.00000E+00
105	-0.19456E+00	-0.11485E-01	0.19982E+00	0.00000E+00
106	-0.19422E+00	-0.99555E-02	0.19030E+00	0.00000E+00
107	-0.20198E+00	-0.13160E-01	0.20492E+00	0.00000E+00
108	-0.19921E+00	-0.11631E-01	0.20133E+00	0.00000E+00
109	-0.20294E+00	-0.11748E-01	0.20259E+00	0.00000E+00
110	-0.20376E+00	-0.12655E-01	0.19599E+00	0.00000E+00
111	-0.20767E+00	-0.14212E-01	0.20861E+00	0.00000E+00
112	-0.20605E+00	-0.11828E-01	0.20362E+00	0.00000E+00
113	-0.20663E+00	-0.12981E-01	0.20005E+00	0.00000E+00
114	-0.20828E+00	-0.11864E-01	0.20436E+00	0.00000E+00
115	-0.20987E+00	-0.11875E-01	0.20482E+00	0.00000E+00
116	-0.21062E+00	-0.11861E-01	0.20494E+00	0.00000E+00

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117	-0.21000E+00	-0.14603E-01	0.20962E+00	0.00000E+00
118	-0.21066E+00	-0.11849E-01	0.20490E+00	0.00000E+00
119	-0.21062E+00	-0.11805E-01	0.20466E+00	0.00000E+00
120	-0.21118E+00	-0.14949E-01	0.20964E+00	0.00000E+00
121	-0.21044E+00	-0.11734E-01	0.20426E+00	0.00000E+00
122	-0.21044E+00	-0.11670E-01	0.20435E+00	-0.15835E-04
123	-0.21039E+00	-0.11530E-01	0.20440E+00	-0.29031E-04
124	-0.21031E+00	-0.11301E-01	0.20446E+00	-0.45336E-04
125	-0.21015E+00	-0.10957E-01	0.20451E+00	-0.66790E-04
126	-0.20976E+00	-0.10108E-01	0.20459E+00	-0.98374E-04
127	-0.20925E+00	-0.90271E-02	0.20466E+00	-0.11396E-03
128	-0.20811E+00	-0.64687E-02	0.20481E+00	-0.11121E-03
129	-0.20719E+00	-0.42584E-02	0.20495E+00	-0.87093E-04
130	-0.20650E+00	-0.24546E-02	0.20510E+00	-0.52076E-04
131	-0.20615E+00	-0.13415E-02	0.20534E+00	-0.35946E-05
132	-0.20630E+00	-0.16935E-02	0.20557E+00	0.15332E-04
133	-0.20650E+00	-0.23325E-02	0.20580E+00	0.10739E-04
134	-0.20655E+00	-0.24079E-02	0.20600E+00	-0.47905E-05
135	-0.20646E+00	-0.18277E-02	0.20616E+00	-0.14711E-04
136	-0.20642E+00	-0.11830E-02	0.20628E+00	-0.11636E-04
137	-0.20640E+00	-0.63772E-03	0.20636E+00	-0.11343E-04
138	-0.20639E+00	-0.36980E-04	0.20639E+00	-0.99655E-05
139	-0.20639E+00	-0.11344E-04	0.20639E+00	-0.11287E-04

498

000502

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6400E+01

499

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.78009E-01	-0.55545E-01	0.11330E+00	-0.74303E+01	-0.88315E-01	0.74859E+01
2	0.22759E+00	-0.63231E-01	0.21162E+00	-0.66382E+01	-0.12010E+00	0.66139E+01
3	0.41408E+00	-0.40579E-01	0.19372E+00	-0.54160E+01	-0.15519E-01	0.54158E+01
4	-0.27780E+00	-0.10961E+00	-0.40243E+00	-0.44057E+01	0.18222E+00	0.45600E+01
5	0.26138E+00	-0.46442E-02	0.15755E+00	-0.44232E+01	0.39660E-01	0.45399E+01
6	-0.16987E+00	-0.10816E+00	0.77422E-01	-0.45464E+01	0.84845E-01	0.46336E+01
7	-0.12431E+00	-0.14498E-02	0.69027E-01	-0.32823E+01	0.67621E-01	0.32745E+01
8	-0.31433E+00	-0.34412E-01	0.72109E-01	-0.32828E+01	0.17004E+00	0.33813E+01
9	-0.19036E+00	-0.58723E+00	-0.23397E+00	-0.73164E+01	-0.47840E-04	0.74501E+01
10	-0.84195E-01	-0.66719E+00	-0.80335E-01	-0.66469E+01	0.36401E-01	0.67584E+01
11	0.32850E-01	-0.59426E+00	0.39543E+00	-0.56989E+01	0.20925E+00	0.57756E+01
12	-0.76497E+00	-0.45282E+00	-0.18913E+00	-0.46956E+01	0.38726E+00	0.46357E+01
13	-0.72296E-01	-0.27632E+00	0.25744E+00	-0.48026E+01	0.15502E+00	0.48689E+01
14	-0.69920E+00	-0.44208E+00	0.30898E-01	-0.49518E+01	0.32729E+00	0.51191E+01
15	-0.71925E+00	-0.13741E+00	0.20702E-01	-0.35507E+01	0.40398E+00	0.35427E+01
16	-0.86998E+00	-0.11492E+00	0.12417E+00	-0.36797E+01	0.48068E+00	0.37981E+01
17	-0.18986E+00	-0.74840E+00	-0.24440E+00	-0.70931E+01	-0.46885E-01	0.74885E+01
18	0.62499E-01	-0.92633E+00	0.94678E-02	-0.66056E+01	-0.74966E-01	0.69256E+01
19	0.48333E+00	-0.10162E+01	0.70631E+00	-0.59559E+01	-0.43824E-02	0.62271E+01
20	-0.10920E+01	-0.65940E+00	-0.11959E+00	-0.51585E+01	0.54332E+00	0.51262E+01
21	-0.58264E-01	-0.89882E+00	0.23120E+00	-0.53463E+01	0.46438E-01	0.56922E+01
22	-0.10985E+01	-0.17978E+01	-0.43339E+00	-0.55919E+01	0.35704E+00	0.61357E+01
23	-0.12881E+01	-0.25486E+00	-0.53523E-01	-0.41907E+01	0.69851E+00	0.42430E+01
24	-0.25515E+01	-0.90921E+00	-0.58563E+00	-0.46263E+01	0.10932E+01	0.44947E+01
25	-0.13004E+01	-0.92948E+00	-0.42499E-01	-0.47457E+01	0.63943E+00	0.50789E+01
26	-0.41526E+01	-0.29859E+01	-0.19219E+01	-0.51658E+01	0.12950E+01	0.56135E+01
27	-0.11808E+00	-0.66638E+00	-0.17240E+00	-0.68946E+01	-0.91873E-01	0.74609E+01
28	0.22432E+00	-0.88859E+00	0.12030E+00	-0.64260E+01	-0.22954E+00	0.69866E+01
29	0.10508E+01	-0.10872E+01	0.92943E+00	-0.56537E+01	-0.57367E+00	0.64613E+01
30	-0.24006E+00	-0.11980E+01	0.20778E+00	-0.55289E+01	0.19157E+00	0.61326E+01
31	0.10119E+00	-0.15208E+01	0.13518E+00	-0.52161E+01	-0.38256E+00	0.63394E+01
32	-0.44502E+00	-0.15949E+01	-0.40159E-01	-0.50657E+01	-0.13713E+00	0.64460E+01
33	-0.31270E+01	-0.24254E+01	-0.12811E+01	-0.53531E+01	0.89231E+00	0.58765E+01
34	-0.71950E+01	-0.51232E+01	-0.39377E+01	-0.55656E+01	0.16676E+01	0.63208E+01
35	-0.17075E+01	-0.14592E+01	-0.26512E+00	-0.55008E+01	0.57192E+00	0.63170E+01
36	0.44176E+00	-0.37744E+00	0.95930E+00	-0.51207E+01	-0.19347E+00	0.64575E+01
37	-0.24627E+01	-0.25977E+01	-0.10189E+01	-0.56782E+01	0.61134E+00	0.66323E+01
38	0.12466E+00	-0.26353E+00	0.52386E-01	-0.67235E+01	-0.14402E+00	0.72461E+01
39	0.50000E+00	-0.41140E+00	0.31485E+00	-0.63315E+01	-0.41354E+00	0.67683E+01
40	0.11119E+01	-0.10192E+01	0.85827E+00	-0.54826E+01	-0.11503E+01	0.63956E+01
41	0.15314E+01	-0.64226E-01	0.10894E+01	-0.57380E+01	-0.10828E+01	0.63268E+01
42	0.19384E+01	-0.32532E+00	0.99173E+00	-0.55331E+01	-0.13726E+01	0.58527E+01
43	0.59406E+00	-0.81364E+00	0.58553E+00	-0.51461E+01	-0.68074E+00	0.64435E+01
44	0.13463E+01	-0.23873E+00	0.10215E+01	-0.50177E+01	-0.12291E+01	0.57658E+01
45	0.19706E+01	0.91945E-01	0.12238E+01	-0.52822E+01	-0.11022E+01	0.57336E+01
46	0.10152E+01	-0.68457E+00	0.45653E+00	-0.51004E+01	-0.81146E+00	0.53638E+01
47	-0.67699E+00	-0.15013E+01	0.97851E-01	-0.53851E+01	-0.11093E+00	0.66801E+01
48	-0.18829E+00	-0.12967E+01	0.41160E+00	-0.56903E+01	-0.37627E+00	0.67303E+01
49	0.48624E+00	-0.12310E+01	0.56214E+00	-0.55208E+01	-0.99703E+00	0.69954E+01
50	0.50017E+01	0.75457E+00	0.29910E+01	-0.46992E+01	-0.28763E+01	0.51465E+01
51	0.12019E+01	0.72174E+00	0.18685E+01	-0.22164E+00	-0.40964E+00	0.13369E+01
52	0.32256E+01	0.18956E+01	0.29873E+01	0.15874E+01	-0.15415E+01	-0.41489E+01
53	0.18236E+01	-0.91648E+00	0.73501E+00	-0.42848E+01	-0.12566E+01	0.46587E+01
54	0.56529E+00	0.43461E+00	0.45107E+00	-0.64606E+01	-0.17517E+00	0.67903E+01

000503

55	0.90274E+00	0.13453E+00	0.53265E+00	-0.61449E+01	-0.48598E+00	0.63403E+01
56	0.19263E+01	-0.27838E-01	0.80342E+00	-0.54018E+01	-0.13117E+01	0.56077E+01
57	0.16583E+01	-0.11167E+00	0.75234E+00	-0.47779E+01	-0.93968E+00	0.50131E+01
58	0.18438E+01	-0.27292E+00	0.74830E+00	-0.39959E+01	-0.10931E+01	0.43151E+01
59	0.33906E+00	0.49763E+00	0.35002E+00	-0.63765E+01	-0.54795E-02	0.65266E+01
60	0.11479E+01	0.11843E+01	0.92341E+00	-0.61664E+01	-0.34897E+00	0.59352E+01
61	0.27656E+00	0.97391E+00	0.66367E+00	-0.61348E+01	-0.25335E+00	0.59314E+01
62	0.84169E+00	0.12965E+01	0.80773E+00	-0.60644E+01	0.16981E-01	0.54709E+01
63	0.11195E+01	0.63227E+00	0.66894E+00	-0.58524E+01	-0.51535E+00	0.53150E+01
64	0.13182E+01	0.11811E+01	0.84250E+00	-0.55089E+01	-0.43993E+00	0.51509E+01
65	0.19232E+01	0.27041E+00	0.61137E+00	-0.52744E+01	-0.13841E+01	0.53698E+01
66	0.24948E+01	0.69664E+00	0.65909E+00	-0.48246E+01	-0.15728E+01	0.46245E+01
67	0.20144E+01	0.12568E+01	0.51871E+00	-0.43564E+01	-0.12486E+01	0.39466E+01
68	0.20256E+01	0.26422E+00	0.83137E+00	-0.45326E+01	-0.11068E+01	0.46575E+01
69	0.13164E+01	0.51129E+00	0.70790E+00	-0.43560E+01	-0.91748E+00	0.42785E+01
70	0.27665E+01	0.10549E+01	0.11497E+01	-0.38599E+01	-0.12293E+01	0.33452E+01
71	0.22091E+01	0.20797E+00	0.30041E+00	-0.38369E+01	-0.12156E+01	0.33256E+01
72	0.25672E+01	0.53148E+00	0.81766E+00	-0.35575E+01	-0.12928E+01	0.32449E+01
73	0.65276E+00	0.74633E+00	0.41715E+00	-0.56353E+01	-0.16326E+00	0.40461E+01
74	0.99074E+00	0.72523E+00	0.27924E+00	-0.49580E+01	-0.46924E+00	0.35573E+01
75	0.17880E+01	0.69592E+00	-0.29629E+00	-0.40229E+01	-0.13160E+01	0.28336E+01
76	0.23183E+01	0.65917E+00	0.61067E+00	-0.40868E+01	-0.11479E+01	0.33432E+01
77	0.17074E+01	0.99102E+00	0.34266E+00	-0.29991E+01	-0.81894E+00	0.19907E+01
78	0.18927E+01	0.82652E+00	0.17363E+00	-0.24422E+01	-0.89299E+00	0.13161E+01
79	0.28214E+01	0.73965E+00	0.70726E+00	-0.29057E+01	-0.12810E+01	0.21313E+01
80	0.33994E+01	0.10517E+01	0.88054E+00	-0.21193E+01	-0.11491E+01	0.12294E+01
81	0.16336E+01	0.45292E+00	-0.10040E+00	-0.12480E+01	-0.88550E+00	0.64573E+00
82	0.21380E+01	0.94355E+00	0.22085E+00	-0.10558E+01	-0.91287E+00	0.50608E+00
83	0.30322E+01	0.54204E+00	0.47209E+00	-0.17559E+01	-0.11285E+01	0.94746E+00
84	0.34568E+01	0.81164E+00	0.82679E+00	-0.19679E+01	-0.14345E+01	0.10810E+01
85	0.38921E+01	0.53435E+00	0.10461E+01	-0.26439E+01	-0.17043E+01	0.19726E+01
86	0.38468E+01	0.57299E+00	0.94479E+00	-0.20423E+01	-0.16763E+01	0.12920E+01
87	0.25750E+01	0.35974E+00	0.65682E+00	-0.27189E+01	-0.13374E+01	0.23148E+01
88	0.26333E+01	0.16150E+00	0.82901E+00	-0.29037E+01	-0.14783E+01	0.28715E+01
89	0.28541E+01	0.20372E+00	0.92390E+00	-0.24577E+01	-0.16060E+01	0.24924E+01
90	0.32307E+01	0.28945E+00	0.85205E+00	-0.17743E+01	-0.17355E+01	0.13317E+01
91	0.34014E+01	0.57935E+00	0.11744E+01	-0.16436E+01	-0.18390E+01	0.16628E+01
92	0.33889E+01	0.61267E+00	0.11097E+01	-0.12132E+01	-0.18129E+01	0.10295E+01
93	0.21702E+01	-0.13519E+01	0.71826E+00	-0.30078E+01	-0.14546E+01	0.38143E+01
94	0.23280E+01	-0.11616E+00	0.11539E+01	-0.30795E+01	-0.12687E+01	0.37049E+01
95	0.15950E+01	0.62890E+00	0.12322E+01	-0.21808E+01	-0.10959E+01	0.27090E+01
96	0.20627E+01	-0.51165E-01	0.90540E+00	-0.30555E+01	-0.11542E+01	0.32787E+01
97	0.13827E+01	0.34125E+00	0.98754E+00	-0.24165E+01	-0.10800E+01	0.23035E+01
98	0.17173E+01	0.22904E+00	0.86750E+00	-0.21295E+01	-0.97374E+00	0.23266E+01
99	0.18494E+01	-0.33511E+00	0.58147E+00	-0.24236E+01	-0.10574E+01	0.25525E+01
100	0.14584E+01	-0.16458E+00	0.53210E+00	-0.17665E+01	-0.93730E+00	0.17017E+01
101	0.17748E+01	0.23388E+00	0.80268E+00	-0.13398E+01	-0.91623E+00	0.12468E+01
102	0.13392E+01	-0.27102E+00	0.20979E+00	-0.13376E+01	-0.87985E+00	0.11675E+01
103	0.97061E+00	0.23415E+00	0.36696E+00	-0.50562E+00	-0.69945E+00	0.55876E+00
104	0.10171E+01	0.33755E+00	0.37967E+00	-0.14762E+00	-0.68258E+00	0.29601E+00
105	0.26391E+01	-0.21497E+00	0.14700E+01	-0.26540E+01	-0.18607E+01	0.36123E+01
106	0.42017E+01	0.24500E+01	0.35767E+01	-0.11264E+00	-0.21033E+01	0.16185E+01
107	0.31861E+01	0.15456E+01	0.27247E+01	-0.13780E+01	-0.19849E+01	0.25936E+01
108	0.26310E+01	0.13743E+01	0.24185E+01	-0.14282E+01	-0.18541E+01	0.25969E+01
109	0.24476E+01	0.13255E+01	0.24338E+01	-0.51770E+00	-0.18255E+01	0.16237E+01
110	0.38692E+00	-0.42978E+00	0.79591E+00	-0.20458E+01	-0.16093E+01	0.26482E+01
111	-0.18567E+00	-0.21629E+00	0.78729E+00	-0.14676E+01	-0.13874E+01	0.13939E+01
112	-0.23007E+00	-0.25614E+00	0.71414E+00	-0.23017E+01	-0.13730E+01	0.13768E+01
113	-0.85551E+00	-0.85328E+00	-0.22361E-01	-0.25019E+01	-0.10543E+01	0.27487E+01
114	-0.86921E+00	-0.64405E+00	0.24160E+00	-0.20767E+01	-0.88398E+00	0.13427E+01

500

000504

5622

115	-0.97239E+00	-0.70412E+00	0.39714E-01	-0.35975E+01	-0.83463E+00	0.12974E+01
116	-0.41290E+00	-0.76839E+00	0.87992E-02	-0.27684E+01	-0.48848E+00	0.23474E+01
117	0.35527E+00	0.94448E-01	0.63781E+00	-0.30405E+01	-0.19164E+00	0.12112E+01
118	0.24141E+00	0.39179E-01	0.40844E+00	-0.26156E+01	-0.13389E+00	0.11146E+01
119	0.13342E+00	-0.64527E+00	0.25006E-01	-0.21962E+01	0.45962E-01	0.17321E+01
120	0.68733E+00	0.29919E+00	0.50558E+00	-0.22136E+01	0.27632E+00	0.99165E+00
121	0.61437E+00	0.26626E+00	0.35609E+00	-0.18754E+01	0.31458E+00	0.86555E+00
122	-0.94231E-01	-0.99641E+00	-0.40402E+00	-0.17921E+01	0.41461E+00	0.13077E+01
123	0.23843E+00	0.33954E-01	-0.18506E-01	-0.15247E+01	0.62128E+00	0.71747E+00
124	0.20490E+00	0.27625E-01	-0.95991E-01	-0.11788E+01	0.64326E+00	0.57149E+00
125	0.26975E+00	-0.22570E+00	-0.81816E-01	-0.97491E+00	0.61659E+00	0.59582E+00
126	0.16278E+00	0.89123E-02	-0.19278E+00	-0.78015E+00	0.72668E+00	0.38716E+00
127	0.16164E+00	0.19166E-01	-0.20587E+00	-0.41262E+00	0.73266E+00	0.27880E+00
128	-0.38461E+00	-0.49399E+00	-0.58473E+00	-0.55607E+00	0.74331E+00	0.27012E+00
129	-0.90162E+00	-0.62595E+00	-0.93271E+00	-0.34127E+00	0.84347E+00	0.10666E+00
183	0.30529E+01	-0.63758E+00	0.14595E+01	-0.44289E+01	-0.19696E+01	0.51319E+01

501

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.77323E+00	0.51548E+01	-0.43816E+01	-0.78863E+02	0.34445E+02	0.36195E+02
131	0.55085E-01	0.36723E+00	-0.31215E+00	-0.17408E+03	0.58979E+02	0.11362E+03
132	0.19503E+00	0.13002E+01	-0.11052E+01	-0.29088E+03	0.96272E+02	0.19399E+03
133	0.71613E-01	0.47742E+00	-0.40581E+00	-0.42235E+03	0.13464E+03	0.28270E+03
134	0.16251E+00	0.10834E+01	-0.92089E+00	-0.57031E+03	0.17500E+03	0.38666E+03
135	0.36285E+00	0.24192E+01	-0.20563E+01	-0.68191E+03	0.20686E+03	0.47799E+03
136	0.13164E+00	0.87758E+00	-0.74594E+00	-0.77323E+03	0.22114E+03	0.53938E+03
137	0.31187E-01	0.54125E+00	-0.46006E+00	-0.76238E+03	0.24430E+03	0.56751E+03
138	0.73611E+00	0.49074E+01	-0.32949E+01	-0.78130E+03	0.44475E+03	0.61050E+03
139	-0.39104E+00	-0.26070E+01	0.53637E+01	-0.75338E+03	0.84487E+03	0.64725E+03
140	-0.28606E+01	-0.19071E+02	0.16210E+02	-0.96079E+03	0.10233E+04	0.73146E+03
141	-0.27422E+01	-0.18281E+02	0.15539E+02	-0.95664E+03	0.10385E+04	0.77940E+03
142	-0.31200E+01	-0.20800E+02	0.17680E+02	-0.10004E+04	0.10425E+04	0.82443E+03
143	-0.32179E+01	-0.21419E+02	0.18206E+02	0.36849E+03	0.12466E+04	-0.54081E+03
144	-0.37430E+01	-0.24953E+02	0.21210E+02	0.36547E+03	0.12305E+04	-0.49672E+03
145	0.22888E+01	0.15258E+02	-0.63698E+01	-0.30189E+03	0.91358E+03	-0.14117E+04
146	0.93651E+00	0.62434E+01	-0.62239E+01	-0.32119E+03	0.67446E+03	-0.12699E+04
147	0.95388E+00	0.63592E+01	-0.60843E+01	-0.30140E+03	0.69083E+03	-0.12459E+04
148	0.97399E+00	0.64933E+01	0.16794E+01	-0.29450E+03	0.70738E+03	-0.12497E+04
149	0.99745E+00	0.66497E+01	0.15490E+01	-0.29150E+03	0.72593E+03	-0.12770E+04
150	0.11343E+01	0.75619E+01	0.56922E+00	-0.21698E+03	0.78338E+03	-0.12361E+04
151	0.13600E+01	0.90666E+01	0.27594E+02	-0.20672E+03	0.88314E+03	-0.12673E+04
152	0.12892E+01	0.85948E+01	0.49595E+02	-0.20709E+03	0.83552E+03	-0.12536E+04
153	0.11809E+01	0.78727E+01	0.43818E+02	-0.17837E+03	0.76702E+03	-0.12212E+04
154	0.93793E+00	0.62528E+01	0.84040E+02	-0.15356E+03	0.60741E+03	-0.11823E+04
155	0.58955E+00	0.39303E+01	0.68951E+02	-0.16812E+03	0.37106E+03	-0.11005E+04
156	0.30518E+00	0.20345E+01	0.58700E+02	-0.13544E+03	0.18482E+03	-0.10152E+04
157	0.73199E-01	0.48799E+00	0.46953E+02	-0.12702E+03	0.30149E+02	-0.89866E+03
158	-0.11518E+00	-0.76786E+00	0.39217E+02	-0.10407E+03	-0.93031E+02	-0.78610E+03
159	-0.26306E+00	-0.17537E+01	0.28101E+02	-0.67974E+02	-0.18702E+03	-0.64544E+03
160	-0.37128E+00	-0.24752E+01	0.20326E+02	-0.50348E+02	-0.25712E+03	-0.51431E+03
161	-0.43990E+00	-0.32660E+01	0.11159E+02	-0.30985E+02	-0.31304E+03	-0.35695E+03
162	-0.53196E+00	-0.35464E+01	0.16168E+01	-0.20706E+02	-0.31738E+03	-0.24475E+03
163	-0.62879E+00	-0.41919E+01	0.81761E+00	0.11883E+02	-0.36969E+03	-0.16775E+03
164	-0.65145E+00	-0.43430E+01	-0.73950E+00	0.33854E+02	-0.37978E+03	-0.10215E+03

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165	-0.34235E+03	-0.57796E+02	0.48063E+01	-0.15130E+02	-0.39460E+03	-0.72726E+02
166	-0.28023E+03	-0.43899E+02	0.29163E+00	-0.10853E+02	-0.36884E+03	-0.67704E+02
167	-0.22495E+03	-0.32374E+02	-0.22652E+01	-0.34294E+01	-0.31738E+03	-0.63578E+02
168	-0.17464E+03	-0.23436E+02	-0.33991E+01	-0.59898E+01	-0.26420E+03	-0.60140E+02
169	-0.11520E+03	-0.12874E+02	-0.48223E+01	-0.38181E+01	-0.23027E+03	-0.56346E+02
170	-0.56174E+02	-0.18817E+01	-0.68620E+01	-0.13545E+01	-0.21172E+03	-0.51972E+02
171	0.58819E+01	0.89369E+01	-0.81304E+01	0.19709E+01	-0.17655E+03	-0.45668E+02
172	0.42282E+02	0.13973E+02	-0.75390E+01	0.53833E+01	-0.12899E+03	-0.38514E+02
173	0.44549E+02	0.11542E+02	-0.47409E+01	0.72753E+01	-0.83901E+02	-0.33019E+02
174	0.30484E+02	0.59234E+01	-0.13516E+01	0.76240E+01	-0.49611E+02	-0.28320E+02
175	0.77415E+01	0.26129E+00	0.75203E+00	0.59003E+01	-0.34561E+02	-0.25083E+02
176	-0.14714E+01	-0.13679E+01	0.97979E+00	0.41553E+01	-0.34898E+02	-0.22685E+02
177	-0.36469E+01	-0.11935E+01	0.53448E+00	0.26327E+01	-0.35392E+02	-0.18505E+02
178	-0.16583E+01	-0.21500E+00	-0.54860E-01	0.16934E+01	-0.26549E+02	-0.13411E+02
179	0.53981E+00	0.21920E+00	-0.13902E+00	0.16197E+01	-0.18753E+02	-0.94056E+01
180	0.47371E-01	0.61222E-01	-0.55243E-01	0.13790E+01	-0.10945E+02	-0.56522E+01
181	0.15773E+00	0.18731E+00	-0.14714E+00	0.13585E+01	-0.49978E+01	-0.19347E+01
182	-0.58396E+00	-0.27123E+00	0.15968E+00	0.57001E+00	0.12389E+01	0.10448E+00

502

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5622

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6500E+01 (FOR FOURIER TERM, NUMBER 1)

503

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.76663E-01	-0.77219E-04	-0.77601E-01	0.00000E+00
3	0.14466E+00	0.22268E-03	-0.14456E+00	0.00000E+00
4	0.16223E+00	0.22822E-03	-0.16156E+00	0.00000E+00
5	0.18657E+00	-0.59843E-04	-0.18650E+00	0.00000E+00
6	0.20363E+00	0.19198E-04	-0.20364E+00	0.00000E+00
7	0.18631E+00	0.17360E-02	-0.18714E+00	0.00000E+00
8	0.20420E+00	0.15483E-02	-0.20449E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.76045E-01	0.92722E-03	-0.76108E-01	0.00000E+00
11	0.14349E+00	0.21498E-02	-0.14401E+00	0.00000E+00
12	0.16148E+00	0.26534E-02	-0.16228E+00	0.00000E+00
13	0.18725E+00	0.27067E-02	-0.18815E+00	0.00000E+00
14	0.20547E+00	0.25359E-02	-0.20677E+00	0.00000E+00
15	0.18857E+00	0.46971E-02	-0.19147E+00	0.00000E+00
16	0.20758E+00	0.41368E-02	-0.21084E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.74673E-01	0.18055E-02	-0.76944E-01	0.00000E+00
19	0.14284E+00	0.44411E-02	-0.14672E+00	0.00000E+00
20	0.16201E+00	0.55831E-02	-0.16620E+00	0.00000E+00
21	0.18997E+00	0.57885E-02	-0.19481E+00	0.00000E+00
22	0.21065E+00	0.54053E-02	-0.21624E+00	0.00000E+00
23	0.19198E+00	0.82580E-02	-0.19982E+00	0.00000E+00
24	0.21477E+00	0.74045E-02	-0.22385E+00	0.00000E+00
25	0.21724E+00	0.93471E-02	-0.22852E+00	0.00000E+00
26	0.21871E+00	0.99112E-02	-0.23129E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.72542E-01	0.19435E-02	-0.76819E-01	0.00000E+00
29	0.14063E+00	0.54453E-02	-0.14815E+00	0.00000E+00
30	0.16129E+00	0.74796E-02	-0.16958E+00	0.00000E+00
31	0.19269E+00	0.95847E-02	-0.20398E+00	0.00000E+00
32	0.22017E+00	0.10344E-01	-0.23421E+00	0.00000E+00
33	0.19263E+00	0.98959E-02	-0.20499E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.71834E-01	0.16085E-02	-0.76342E-01	0.00000E+00
36	0.13962E+00	0.46453E-02	-0.14752E+00	0.00000E+00
37	0.16039E+00	0.64757E-02	-0.16886E+00	0.00000E+00
38	0.19254E+00	0.89689E-02	-0.20520E+00	0.00000E+00
39	0.22211E+00	0.10879E-01	-0.23878E+00	0.00000E+00
40	0.22172E+00	0.10851E-01	-0.23779E+00	0.00000E+00
41	0.22133E+00	0.10821E-01	-0.23684E+00	0.00000E+00
42	0.22090E+00	0.10760E-01	-0.23571E+00	0.00000E+00
43	0.15864E+00	0.43057E-02	-0.16489E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.69378E-01	0.55310E-03	-0.72442E-01	0.00000E+00
46	0.13578E+00	0.21853E-02	-0.13972E+00	0.00000E+00
47	0.22222E+00	0.10879E-01	-0.23910E+00	0.00000E+00
48	0.22224E+00	0.10880E-01	-0.23911E+00	0.00000E+00
49	0.19243E+00	0.86427E-02	-0.20496E+00	0.00000E+00
50	0.22237E+00	0.10971E-01	-0.23975E+00	0.00000E+00
51	0.19011E+00	0.64112E-02	-0.19756E+00	0.00000E+00
52	0.21793E+00	0.11102E-01	-0.22632E+00	0.00000E+00
53	0.22214E+00	0.10644E-01	-0.23907E+00	0.00000E+00
54	0.15578E+00	0.35995E-02	-0.15940E+00	0.00000E+00
55	0.18639E+00	0.59526E-02	-0.18996E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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9224

57	0.66795E-01	-0.71830E-03	-0.67040E-01	0.00000E+00
58	0.13066E+00	0.58207E-03	-0.12975E+00	0.00000E+00
59	0.21141E+00	0.89064E-02	-0.21496E+00	0.00000E+00
60	0.21603E+00	0.10474E-01	-0.22252E+00	0.00000E+00
61	0.22241E+00	0.11033E-01	-0.24015E+00	0.00000E+00
62	0.15000E+00	0.11738E-02	-0.14808E+00	0.00000E+00
63	0.17810E+00	0.28015E-02	-0.17488E+00	0.00000E+00
64	0.21923E+00	0.11276E-01	-0.22309E+00	0.00000E+00
65	0.22245E+00	0.11093E-01	-0.24054E+00	0.00000E+00
66	0.22276E+00	0.11210E-01	-0.24133E+00	0.00000E+00
67	0.22307E+00	0.11326E-01	-0.24214E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.64849E-01	-0.11873E-02	-0.61047E-01	0.00000E+00
70	0.12519E+00	-0.16990E-02	-0.11789E+00	0.00000E+00
71	0.20321E+00	0.46701E-02	-0.19873E+00	0.00000E+00
72	0.21992E+00	0.11438E-01	-0.22671E+00	0.00000E+00
73	0.17000E+00	-0.65237E-03	-0.15865E+00	0.00000E+00
74	0.22670E+00	0.12236E-01	-0.23366E+00	0.00000E+00
75	0.22334E+00	0.11419E-01	-0.24288E+00	0.00000E+00
76	0.22502E+00	0.11585E-01	-0.24422E+00	0.00000E+00
77	0.19291E+00	0.12142E-02	-0.17859E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.63440E-01	-0.32118E-02	-0.56275E-01	0.00000E+00
80	0.12026E+00	-0.37426E-02	-0.10582E+00	0.00000E+00
81	0.13625E+00	-0.43847E-02	-0.11960E+00	0.00000E+00
82	0.16018E+00	-0.33640E-02	-0.13924E+00	0.00000E+00
83	0.22547E+00	0.74780E-02	-0.21993E+00	0.00000E+00
84	0.20509E+00	0.12378E-02	-0.17952E+00	0.00000E+00
85	0.22856E+00	0.11801E-01	-0.24597E+00	0.00000E+00
86	0.23436E+00	0.12610E-01	-0.24141E+00	0.00000E+00
87	0.18165E+00	-0.20044E-02	-0.15702E+00	0.00000E+00
88	0.23171E+00	0.10351E-01	-0.23141E+00	0.00000E+00
89	0.23173E+00	0.11989E-01	-0.24766E+00	0.00000E+00
90	0.14138E+00	-0.25583E-02	-0.10156E+00	0.00000E+00
91	0.15383E+00	-0.12040E-02	-0.10880E+00	0.00000E+00
92	0.16183E+00	0.17066E-03	-0.11306E+00	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.54248E-01	0.00000E+00	-0.28643E-01	0.00000E+00
95	0.10054E+00	0.00000E+00	-0.53753E-01	0.00000E+00
96	0.11186E+00	0.00000E+00	-0.59857E-01	0.00000E+00
97	0.12584E+00	0.00000E+00	-0.67647E-01	0.00000E+00
98	0.13172E+00	0.00000E+00	-0.70583E-01	0.00000E+00
99	0.14100E+00	-0.10304E-02	-0.89564E-01	0.00000E+00
100	0.17285E+00	0.71738E-03	-0.12619E+00	0.00000E+00
101	0.22413E+00	0.54875E-02	-0.19112E+00	0.00000E+00
102	0.24006E+00	0.12216E-01	-0.25009E+00	0.00000E+00
103	0.23825E+00	0.94356E-02	-0.23103E+00	0.00000E+00
104	0.24696E+00	0.13350E-01	-0.25109E+00	0.00000E+00
105	0.24696E+00	0.12423E-01	-0.25230E+00	0.00000E+00
106	0.24704E+00	0.11301E-01	-0.23817E+00	0.00000E+00
107	0.25653E+00	0.14305E-01	-0.25787E+00	0.00000E+00
108	0.25286E+00	0.12564E-01	-0.25427E+00	0.00000E+00
109	0.25760E+00	0.12672E-01	-0.25595E+00	0.00000E+00
110	0.25863E+00	0.14394E-01	-0.24529E+00	0.00000E+00
111	0.26364E+00	0.15439E-01	-0.26261E+00	0.00000E+00
112	0.26153E+00	0.12733E-01	-0.25733E+00	0.00000E+00
113	0.26218E+00	0.14557E-01	-0.25072E+00	0.00000E+00
114	0.26436E+00	0.12753E-01	-0.25835E+00	0.00000E+00
115	0.26637E+00	0.12740E-01	-0.25904E+00	0.00000E+00
116	0.26731E+00	0.12703E-01	-0.25929E+00	0.00000E+00

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000888

117	0.26652E+00	0.15332E-01	-0.26408E+00	0.00000E+00
118	0.26736E+00	0.12680E-01	-0.25930E+00	0.00000E+00
119	0.26731E+00	0.12616E-01	-0.25909E+00	0.00000E+00
120	0.26791E+00	0.16149E-01	-0.26437E+00	0.00000E+00
121	0.26709E+00	0.12519E-01	-0.25870E+00	0.00000E+00
122	0.26708E+00	0.12431E-01	-0.25883E+00	0.21908E-04
123	0.26702E+00	0.12237E-01	-0.25891E+00	0.40077E-04
124	0.26690E+00	0.11922E-01	-0.25900E+00	0.62428E-04
125	0.26669E+00	0.11449E-01	-0.25908E+00	0.91693E-04
126	0.26615E+00	0.10286E-01	-0.25922E+00	0.13446E-03
127	0.26545E+00	0.88117E-02	-0.25935E+00	0.15514E-03
128	0.26391E+00	0.53445E-02	-0.25961E+00	0.14983E-03
129	0.26268E+00	0.23899E-02	-0.25985E+00	0.11517E-03
130	0.26179E+00	0.51136E-04	-0.26011E+00	0.65370E-04
131	0.26142E+00	-0.11869E-02	-0.26051E+00	-0.15796E-05
132	0.26171E+00	-0.39688E-03	-0.26090E+00	-0.27511E-04
133	0.26206E+00	-0.76765E-03	-0.26126E+00	-0.21495E-04
134	0.26220E+00	0.12336E-02	-0.26157E+00	-0.26287E-05
135	0.26219E+00	0.93865E-03	-0.26183E+00	0.85517E-05
136	0.26218E+00	0.57237E-03	-0.26201E+00	0.51674E-05
137	0.26218E+00	0.30010E-03	-0.26213E+00	0.50538E-05
138	0.26218E+00	0.36381E-04	-0.26218E+00	0.34479E-05
139	0.26218E+00	0.51185E-05	-0.26218E+00	0.50505E-05

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6622

000509

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6500E+01

506

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.87003E-01	0.64159E-01	-0.11621E+00	0.93705E+01	0.95249E-01	-0.94258E+01
2	-0.25271E+00	0.69472E-01	-0.22491E+00	0.83339E+01	0.13220E+00	-0.83643E+01
3	-0.44014E+00	0.45707E-01	-0.21642E+00	0.68610E+01	0.24938E-01	-0.68678E+01
4	0.34525E+00	0.13510E+00	0.42939E+00	0.55886E+01	-0.19983E+00	-0.57473E+01
5	-0.27191E+00	-0.36612E-03	-0.17674E+00	0.56207E+01	-0.40632E-01	-0.57417E+01
6	0.23155E+00	0.95696E-01	-0.73140E-01	0.57585E+01	-0.10991E+00	-0.58615E+01
7	0.18478E+00	0.91164E-02	-0.58507E-01	0.41622E+01	-0.86464E-01	-0.41553E+01
8	0.42611E+00	0.37310E-01	-0.51616E-01	0.41672E+01	-0.21295E+00	-0.42882E+01
9	0.23489E+00	0.67363E+00	0.28020E+00	0.92441E+01	-0.21980E-02	-0.93880E+01
10	0.13805E+00	0.76385E+00	0.12112E+00	0.84089E+01	-0.49904E-01	-0.85321E+01
11	0.61330E-01	0.68350E+00	-0.39739E+00	0.72098E+01	-0.26822E+00	-0.72994E+01
12	0.99733E+00	0.54522E+00	0.28489E+00	0.59427E+01	-0.48164E+00	-0.58647E+01
13	0.15224E+00	0.30830E+00	-0.25946E+00	0.60760E+01	-0.19601E+00	-0.61597E+01
14	0.91587E+00	0.49762E+00	0.16624E-01	0.62561E+01	-0.40642E+00	-0.64615E+01
15	0.94194E+00	0.15839E+00	0.27572E-01	0.44971E+01	-0.50194E+00	-0.44892E+01
16	0.11518E+01	0.13354E+00	-0.77807E-01	0.46615E+01	-0.59572E+00	-0.48083E+01
17	0.23504E+00	0.85366E+00	0.29589E+00	0.90017E+01	0.54576E-01	-0.94252E+01
18	-0.26334E-01	0.10491E+01	0.25588E-01	0.83702E+01	0.87336E-01	-0.87272E+01
19	-0.44444E+00	0.11614E+01	-0.73091E+00	0.75189E+01	0.13287E-02	-0.78503E+01
20	0.14160E+01	0.77989E+00	0.22215E+00	0.65049E+01	-0.67027E+00	-0.64704E+01
21	0.14838E+00	0.10297E+01	-0.21258E+00	0.67394E+01	-0.56476E-01	-0.71787E+01
22	0.14147E+01	0.20765E+01	0.58363E+00	0.70367E+01	-0.44141E+00	-0.77221E+01
23	0.16709E+01	0.28613E+00	0.14592E-01	0.52752E+01	-0.86509E+00	-0.53651E+01
24	0.32556E+01	0.10947E+01	0.82009E+00	0.58106E+01	-0.13578E+01	-0.56785E+01
25	0.16835E+01	0.10465E+01	0.11673E+00	0.59690E+01	-0.79177E+00	-0.64103E+01
26	0.51397E+01	0.34318E+01	0.23729E+01	0.64543E+01	-0.16114E+01	-0.70760E+01
27	0.14894E+00	0.75236E+00	0.21248E+00	0.87829E+01	0.10997E+00	-0.93812E+01
28	-0.21793E+00	0.99245E+00	-0.98024E-01	0.81680E+01	0.27852E+00	-0.87911E+01
29	-0.11175E+01	0.12135E+01	-0.97802E+00	0.71639E+01	0.71138E+00	-0.81300E+01
30	0.38220E+00	0.13578E+01	-0.18063E+00	0.69722E+01	-0.22947E+00	-0.77134E+01
31	-0.79965E-01	0.17023E+01	-0.12354E+00	0.66089E+01	-0.47980E+00	-0.79787E+01
32	0.61134E+00	0.17990E+01	0.10477E+00	0.64184E+01	0.17995E+00	-0.81064E+01
33	0.39265E+01	0.28223E+01	0.16240E+01	0.67423E+01	-0.11107E+01	-0.74091E+01
34	0.89356E+01	0.61553E+01	0.48963E+01	0.70103E+01	-0.20921E+01	-0.79689E+01
35	0.20024E+01	0.15274E+01	0.25721E+00	0.69431E+01	-0.71180E+00	-0.79648E+01
36	-0.47444E+00	0.31555E+00	-0.11263E+01	0.64650E+01	0.25261E+00	-0.81462E+01
37	0.29475E+01	0.29471E+01	0.12012E+01	0.71510E+01	-0.76086E+00	-0.83642E+01
38	-0.13697E+00	0.29930E+00	-0.39454E-01	0.85926E+01	0.17390E+00	-0.91030E+01
39	-0.56403E+00	0.44767E+00	-0.31409E+00	0.80774E+01	0.50550E+00	-0.85053E+01
40	-0.12020E+01	0.11215E+01	-0.37621E+00	0.70077E+01	0.14387E+01	-0.80480E+01
41	-0.17493E+01	-0.20515E-01	-0.11484E+01	0.73331E+01	0.13308E+01	-0.79476E+01
42	-0.22738E+01	0.35499E+00	-0.10037E+01	0.71359E+01	0.17048E+01	-0.73394E+01
43	-0.68564E+00	0.80878E+00	-0.67515E+00	0.65558E+01	0.85437E+00	-0.81065E+01
44	-0.15619E+01	0.19603E+00	-0.11415E+01	0.64126E+01	0.15584E+01	-0.72338E+01
45	-0.23848E+01	-0.23983E+00	-0.14084E+01	0.67423E+01	0.13858E+01	-0.72004E+01
46	-0.11816E+01	0.78451E+00	-0.42596E+00	0.65142E+01	0.10048E+01	-0.67194E+01
47	0.86202E+00	0.16734E+01	-0.93273E-01	0.67968E+01	0.14837E+00	-0.84266E+01
48	0.42916E-01	0.12727E+01	-0.62958E+00	0.71650E+01	0.47603E+00	-0.84890E+01
49	-0.65711E+00	0.12445E+01	-0.73257E+00	0.69818E+01	0.12662E+01	-0.88330E+01
50	-0.61629E+01	-0.10720E+01	-0.36319E+01	0.59813E+01	0.36778E+01	-0.64595E+01
51	-0.14976E+01	-0.94961E+00	-0.22592E+01	0.28339E+00	0.52044E+00	-0.16732E+01
52	-0.33685E+01	-0.15365E+01	-0.30289E+01	-0.18377E+01	0.19768E+01	0.53809E+01
53	-0.21543E+01	0.10653E+01	-0.75354E+00	0.54566E+01	0.15797E+01	-0.58406E+01
54	-0.65976E+00	-0.49054E+00	-0.49591E+00	0.82750E+01	0.21085E+00	-0.85233E+01

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55	-0.10750E+01	-0.15186E+00	-0.55916E+00	0.78558E+01	0.58807E+00	-0.79534E+01
56	-0.23003E+01	0.33700E-01	-0.77472E+00	0.69167E+01	0.15978E+01	-0.70287E+01
57	-0.19707E+01	0.11114E+00	-0.77012E+00	0.61178E+01	0.11535E+01	-0.62756E+01
58	-0.21856E+01	0.28786E+00	-0.75176E+00	0.51113E+01	0.13541E+01	-0.53941E+01
59	-0.35547E+00	-0.53105E+00	-0.35762E+00	0.81638E+01	0.10745E-02	-0.81906E+01
60	-0.13776E+01	-0.13825E+01	-0.10628E+01	0.78917E+01	0.42480E+00	-0.74534E+01
61	-0.10377E+01	-0.11212E+01	-0.74945E+00	0.78509E+01	0.30921E+00	-0.74486E+01
62	-0.97997E+00	-0.15206E+01	-0.92930E+00	0.77538E+01	-0.25335E-01	-0.68702E+01
63	-0.13385E+01	-0.72233E+00	-0.71914E+00	0.74824E+01	0.61706E+00	-0.72954E+01
64	-0.15879E+01	-0.13969E+01	-0.94506E+00	0.70543E+01	0.52861E+00	-0.64767E+01
65	-0.23523E+01	-0.31204E+00	-0.56833E+00	0.67266E+01	0.16507E+01	-0.67214E+01
66	-0.30646E+01	-0.83233E+00	-0.64255E+00	0.61695E+01	0.18864E+01	-0.58093E+01
67	-0.24730E+01	-0.15021E+01	-0.43812E+00	0.55941E+01	0.14985E+01	-0.49813E+01
68	-0.24595E+01	-0.35029E+00	-0.88483E+00	0.57884E+01	0.13217E+01	-0.58238E+01
69	-0.21960E+01	-0.59109E+00	-0.72729E+00	0.55819E+01	0.10959E+01	-0.53569E+01
70	-0.34028E+01	-0.12536E+01	-0.12918E+01	0.49502E+01	0.14774E+01	-0.42206E+01
71	-0.26631E+01	-0.25830E+00	-0.81641E+00	0.49033E+01	0.14508E+01	-0.47743E+01
72	-0.31665E+01	-0.64087E+00	-0.88223E+00	0.45508E+01	0.15467E+01	-0.40708E+01
73	-0.78633E+00	-0.88813E+00	-0.48786E+00	0.72123E+01	0.18831E+00	-0.51850E+01
74	-0.12189E+01	-0.87594E+00	-0.31655E+00	0.63555E+01	0.54420E+00	-0.45504E+01
75	-0.22344E+01	-0.85236E+00	-0.41294E+00	0.51571E+01	0.15348E+01	-0.36129E+01
76	-0.29734E+01	-0.80157E+00	-0.67866E+00	0.52201E+01	0.13500E+01	-0.42181E+01
77	-0.21323E+01	-0.12340E+01	-0.39760E+00	0.38488E+01	0.95548E+00	-0.25427E+01
78	-0.24012E+01	-0.10546E+01	-0.23540E+00	0.31406E+01	0.10601E+01	-0.16809E+01
79	-0.35144E+01	-0.90600E+00	-0.80867E+00	0.37094E+01	0.15185E+01	-0.26857E+01
80	-0.43044E+01	-0.13423E+01	-0.11053E+01	0.27134E+01	0.13688E+01	-0.15526E+01
81	-0.20642E+01	-0.57438E+00	0.12683E+00	0.16046E+01	0.10474E+01	-0.82910E+00
82	-0.27271E+01	-0.12142E+01	-0.30832E+00	0.13564E+01	0.10931E+01	-0.63333E+00
83	-0.38424E+01	-0.70341E+00	-0.58915E+00	0.22398E+01	0.13417E+01	-0.11779E+01
84	-0.43327E+01	-0.10095E+01	-0.97766E+00	0.25131E+01	0.17135E+01	-0.13471E+01
85	-0.48613E+01	-0.74694E+00	-0.12201E+01	0.33532E+01	0.20420E+01	-0.24752E+01
86	-0.48170E+01	-0.75566E+00	-0.11005E+01	0.25542E+01	0.20044E+01	-0.15992E+01
87	-0.31248E+01	-0.35706E+00	-0.62502E+00	0.34615E+01	0.15950E+01	-0.28858E+01
88	-0.32175E+01	-0.23987E+00	-0.87070E+00	0.36933E+01	0.17703E+01	-0.35828E+01
89	-0.35140E+01	-0.32083E+00	-0.99939E+00	0.31348E+01	0.19240E+01	-0.30953E+01
90	-0.39239E+01	-0.29867E+00	-0.35105E+00	0.22599E+01	0.20928E+01	-0.16442E+01
91	-0.41951E+01	-0.78638E+00	-0.13078E+01	0.20764E+01	0.22179E+01	-0.20656E+01
92	-0.41519E+01	-0.78244E+00	-0.12036E+01	0.15156E+01	0.21874E+01	-0.12731E+01
93	-0.25779E+01	0.16002E+01	-0.73221E+00	0.38596E+01	0.18313E+01	-0.47544E+01
94	-0.27776E+01	0.72714E-01	-0.12625E+01	0.39426E+01	0.15867E+01	-0.46409E+01
95	-0.18309E+01	-0.84406E+00	-0.13411E+01	0.28201E+01	0.15865E+01	-0.33968E+01
96	-0.24319E+01	0.28528E-01	-0.91816E+00	0.39248E+01	0.14446E+01	-0.40772E+01
97	-0.15559E+01	-0.47164E+00	-0.10260E+01	0.31211E+01	0.13665E+01	-0.28776E+01
98	-0.20007E+01	-0.31417E+00	-0.86549E+00	0.27382E+01	0.12351E+01	-0.29009E+01
99	-0.21443E+01	0.43820E+00	-0.47158E+00	0.31114E+01	0.13228E+01	-0.31621E+01
100	-0.16906E+01	0.21482E+00	-0.44392E+00	0.22691E+01	0.11950E+01	-0.21168E+01
101	-0.21140E+01	-0.31181E+00	-0.81043E+00	0.17365E+01	0.11772E+01	-0.15568E+01
102	-0.16204E+01	0.30224E+00	-0.91947E-01	0.16884E+01	0.11418E+01	-0.14402E+01
103	-0.11816E+01	-0.29750E+00	-0.30646E+00	0.68257E+00	0.93174E+00	-0.70954E+00
104	-0.12436E+01	-0.42486E+00	-0.33413E+00	0.22492E+00	0.91457E+00	-0.38548E+00
105	-0.31150E+01	0.24584E+00	-0.16352E+01	0.34223E+01	0.23852E+01	-0.45009E+01
106	-0.50269E+01	-0.29501E+01	-0.42290E+01	0.19768E+00	0.26990E+01	-0.20239E+01
107	-0.37804E+01	-0.18706E+01	-0.31869E+01	0.18051E+01	0.25497E+01	-0.32532E+01
108	-0.30759E+01	-0.16581E+01	-0.27975E+01	0.18720E+01	0.23866E+01	-0.32379E+01
109	-0.27917E+01	-0.15181E+01	-0.27695E+01	0.70916E+00	0.23540E+01	-0.20315E+01
110	-0.27227E+00	0.56328E+00	-0.77992E+00	0.26403E+01	0.20834E+01	-0.32957E+01
111	0.55384E+00	0.45549E+00	-0.67197E+00	0.19074E+01	0.18138E+01	-0.17445E+01
112	0.60952E+00	0.50320E+00	-0.58047E+00	0.29654E+01	0.17959E+01	-0.17236E+01
113	0.12188E+01	0.98665E+00	0.18598E+00	0.31957E+01	0.13910E+01	-0.34381E+01
114	0.13389E+01	0.98194E+00	-0.22634E-02	0.26658E+01	0.11862E+01	-0.16801E+01

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115	0.15194E+01	0.10537E+01	0.25240E+00	0.45917E+01	0.11241E+01	-0.15240E+01
116	0.62402E+00	0.86031E+00	0.12386E+00	0.35158E+01	0.68786E+00	-0.29231E+01
117	-0.20315E+00	0.16611E-01	-0.53530E+00	0.38679E+01	0.32749E+00	-0.15149E+01
118	-0.63030E-01	0.89525E-01	-0.24533E+00	0.33166E+01	0.25509E+00	-0.13946E+01
119	-0.81928E-01	0.73752E+00	0.10961E+00	0.27623E+01	0.26710E-01	-0.21566E+01
120	-0.67120E+00	-0.26318E+00	-0.39996E+00	0.27913E+01	-0.25116E+00	-0.12398E+01
121	-0.57731E+00	-0.21683E+00	-0.21159E+00	0.23518E+01	-0.29839E+00	-0.10827E+01
122	0.17042E+00	0.11760E+01	0.62462E+00	0.22141E+01	-0.42469E+00	-0.16123E+01
123	-0.17677E+00	0.35189E-01	0.20778E+00	0.18945E+01	-0.67082E+00	-0.89688E+00
124	-0.13219E+00	0.49539E-01	0.30496E+00	0.14506E+01	-0.69710E+00	-0.71519E+00
125	-0.27822E+00	0.28293E+00	0.24123E+00	0.11733E+01	-0.66835E+00	-0.74538E+00
126	-0.12497E+00	0.50060E-01	0.38884E+00	0.93718E+00	-0.79722E+00	-0.48489E+00
127	-0.12225E+00	0.41769E-01	0.40393E+00	0.47336E+00	-0.80340E+00	-0.35018E+00
128	0.50100E+00	0.61497E+00	0.82768E+00	0.63730E+00	-0.81784E+00	-0.34099E+00
129	0.11370E+01	0.80876E+00	0.12527E+01	0.37531E+00	-0.93735E+00	-0.13527E+00
183	-0.36692E+01	0.71576E+00	-0.16613E+01	0.56381E+01	0.25199E+01	-0.64453E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.60663E+00	-0.53776E+01	0.45709E+01	0.10017E+03	-0.38310E+02	-0.45744E+02
131	-0.41949E-01	-0.27966E+00	0.23771E+00	0.22436E+03	-0.64145E+02	-0.14069E+03
132	-0.22371E+00	-0.14914E+01	0.12677E+01	0.37474E+03	-0.10458E+03	-0.24034E+03
133	-0.80835E-01	-0.53890E+00	0.45807E+00	0.54330E+03	-0.14648E+03	-0.35043E+03
134	-0.18356E+00	-0.12237E+01	0.10402E+01	0.73264E+03	-0.19094E+03	-0.47977E+03
135	-0.42267E+00	-0.28178E+01	0.23951E+01	0.87461E+03	-0.22670E+03	-0.59363E+03
136	-0.13935E+00	-0.92900E+00	0.78965E+00	0.99064E+03	-0.24240E+03	-0.67030E+03
137	-0.66253E-01	-0.44169E+00	0.37543E+00	0.98061E+03	-0.26946E+03	-0.70549E+03
138	-0.96677E+00	-0.64451E+01	0.44102E+01	0.10043E+04	-0.50256E+03	-0.75885E+03
139	0.21212E+00	0.14142E+01	-0.50112E+01	0.97342E+03	-0.96782E+03	-0.80375E+03
140	0.30614E+01	0.20409E+02	-0.17348E+02	0.12348E+04	-0.11725E+04	-0.90804E+03
141	0.29411E+01	0.19608E+02	-0.16666E+02	0.12318E+04	-0.11905E+04	-0.96674E+03
142	0.33702E+01	0.22468E+02	-0.19098E+02	0.12855E+04	-0.11950E+04	-0.10224E+04
143	0.34666E+01	0.23110E+02	-0.19644E+02	-0.45277E+03	-0.14540E+04	0.68696E+03
144	0.39311E+01	0.26207E+02	-0.22276E+02	-0.45036E+03	-0.14338E+04	0.63305E+03
145	-0.26675E+01	-0.17785E+02	0.54908E+01	0.31900E+03	-0.10698E+04	0.17667E+04
146	-0.10943E+01	-0.72951E+01	0.79903E+01	0.36195E+03	-0.79007E+03	0.15842E+04
147	-0.11165E+01	-0.74436E+01	0.78217E+01	0.33847E+03	-0.81078E+03	0.15545E+04
148	-0.11424E+01	-0.76160E+01	-0.20637E+01	0.32921E+03	-0.83212E+03	0.15593E+04
149	-0.11726E+01	-0.78173E+01	-0.18973E+01	0.32269E+03	-0.85640E+03	0.15930E+04
150	-0.13364E+01	-0.89095E+01	-0.74349E+00	0.23319E+03	-0.92635E+03	0.15427E+04
151	-0.16037E+01	-0.10691E+02	-0.34973E+02	0.21471E+03	-0.10457E+04	0.15813E+04
152	-0.15155E+01	-0.10103E+02	-0.62870E+02	0.21536E+03	-0.98637E+03	0.15643E+04
153	-0.13806E+01	-0.91998E+01	-0.55575E+02	0.16074E+03	-0.90046E+03	0.15241E+04
154	-0.10745E+01	-0.71631E+01	-0.10649E+03	0.15001E+03	-0.69973E+03	0.14756E+04
155	-0.63587E+00	-0.42392E+01	-0.87508E+02	0.17183E+03	-0.40164E+03	0.13737E+04
156	-0.27936E+00	-0.18624E+01	-0.74155E+02	0.13213E+03	-0.16796E+03	0.12671E+04
157	0.95635E-02	0.63757E-01	-0.59335E+02	0.12595E+03	0.25321E+02	0.11217E+04
158	0.24216E+00	0.16144E+01	-0.49219E+02	0.99626E+02	0.17771E+03	0.98109E+03
159	0.42245E+00	0.28163E+01	-0.35236E+02	0.60799E+02	0.29308E+03	0.80573E+03
160	0.55186E+00	0.36790E+01	-0.25203E+02	0.42116E+02	0.37726E+03	0.64227E+03
161	0.70090E+00	0.46727E+01	-0.13500E+02	0.24356E+02	0.44488E+03	0.44626E+03
162	0.74800E+00	0.49866E+01	-0.14251E+01	0.14869E+02	0.44413E+03	0.30652E+03
163	0.87402E+00	0.58268E+01	-0.32307E+00	-0.20261E+02	0.51331E+03	0.21071E+03
164	0.89170E+00	0.59445E+01	0.15480E+01	-0.45976E+02	0.51990E+03	0.12940E+03

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165	0.47331E+03	0.77318E+02	-0.44352E+01	0.19347E+02	0.53540E+03	0.92859E+02
166	0.38550E+03	0.58309E+02	0.13760E+01	0.13802E+02	0.49958E+03	0.86020E+02
167	0.30816E+03	0.42954E+02	0.42965E+01	0.10375E+02	0.42896E+03	0.80402E+02
168	0.23810E+03	0.31090E+02	0.53740E+01	0.69255E+01	0.35619E+03	0.75710E+02
169	0.15588E+03	0.16713E+02	0.71406E+01	0.38320E+01	0.30919E+03	0.70522E+02
170	0.74402E+02	0.15805E+01	0.99121E+01	0.33450E+00	0.28254E+03	0.64554E+02
171	-0.10736E+02	-0.13223E+02	0.11609E+02	-0.43771E+01	0.23266E+03	0.56015E+02
172	-0.60779E+02	-0.20069E+02	0.10716E+02	-0.91691E+01	0.16567E+03	0.46440E+02
173	-0.63370E+02	-0.16499E+02	0.67391E+01	-0.11790E+02	0.10326E+03	0.39246E+02
174	-0.42131E+02	-0.84061E+01	0.20140E+01	-0.12187E+02	0.56306E+02	0.33359E+02
175	-0.10635E+02	-0.54439E+00	-0.89925E+00	-0.96721E+01	0.37397E+02	0.29594E+02
176	0.19101E+01	0.16776E+01	-0.12024E+01	-0.71238E+01	0.38899E+02	0.26902E+02
177	0.44254E+01	0.14167E+01	-0.62960E+00	-0.48417E+01	0.40121E+02	0.21966E+02
178	0.18698E+01	0.24839E+00	0.53332E-01	-0.32552E+01	0.30122E+02	0.15906E+02
179	-0.59250E+00	-0.23032E+00	0.14168E+00	-0.27969E+01	0.21341E+02	0.11189E+02
180	-0.24702E-01	-0.66045E-01	0.62464E-01	-0.21780E+01	0.12500E+02	0.67431E+01
181	-0.18244E+00	-0.20871E+00	0.16231E+00	-0.18416E+01	0.57162E+01	0.23371E+01
182	0.70801E+00	0.32883E+00	-0.19359E+00	-0.68360E+00	-0.13682E+01	-0.92791E-01

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000513

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6600E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.16361E-01	-0.12906E-04	0.16843E-01	0.00000E+00
3	-0.32157E-01	-0.65657E-04	0.32078E-01	0.00000E+00
4	-0.36664E-01	-0.33647E-04	0.36270E-01	0.00000E+00
5	-0.43141E-01	0.52554E-04	0.43099E-01	0.00000E+00
6	-0.48152E-01	-0.77792E-05	0.48152E-01	0.00000E+00
7	-0.43233E-01	-0.43415E-03	0.43478E-01	0.00000E+00
8	-0.48342E-01	-0.42140E-03	0.48499E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.16727E-01	-0.22279E-03	0.16984E-01	0.00000E+00
11	-0.32301E-01	-0.53338E-03	0.32823E-01	0.00000E+00
12	-0.36707E-01	-0.67533E-03	0.37335E-01	0.00000E+00
13	-0.43482E-01	-0.74224E-03	0.44146E-01	0.00000E+00
14	-0.48722E-01	-0.75308E-03	0.49420E-01	0.00000E+00
15	-0.43951E-01	-0.13468E-02	0.45563E-01	0.00000E+00
16	-0.49350E-01	-0.12897E-02	0.50946E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.16595E-01	-0.46415E-03	0.17965E-01	0.00000E+00
19	-0.32487E-01	-0.12373E-02	0.34826E-01	0.00000E+00
20	-0.37195E-01	-0.15923E-02	0.39714E-01	0.00000E+00
21	-0.44481E-01	-0.17556E-02	0.47226E-01	0.00000E+00
22	-0.50243E-01	-0.17660E-02	0.53109E-01	0.00000E+00
23	-0.45180E-01	-0.25370E-02	0.49538E-01	0.00000E+00
24	-0.51444E-01	-0.24948E-02	0.55962E-01	0.00000E+00
25	-0.52152E-01	-0.31228E-02	0.57668E-01	0.00000E+00
26	-0.52571E-01	-0.33334E-02	0.58658E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.16279E-01	-0.49314E-03	0.19246E-01	0.00000E+00
29	-0.32293E-01	-0.15956E-02	0.37492E-01	0.00000E+00
30	-0.37430E-01	-0.22598E-02	0.43020E-01	0.00000E+00
31	-0.45530E-01	-0.30578E-02	0.51901E-01	0.00000E+00
32	-0.52988E-01	-0.35239E-02	0.59697E-01	0.00000E+00
33	-0.45561E-01	-0.31512E-02	0.52647E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.16179E-01	-0.39762E-03	0.19629E-01	0.00000E+00
36	-0.32150E-01	-0.13548E-02	0.38248E-01	0.00000E+00
37	-0.37339E-01	-0.19952E-02	0.43910E-01	0.00000E+00
38	-0.45586E-01	-0.29177E-02	0.53202E-01	0.00000E+00
39	-0.53558E-01	-0.36794E-02	0.61407E-01	0.00000E+00
40	-0.53444E-01	-0.36703E-02	0.61032E-01	0.00000E+00
41	-0.53329E-01	-0.36611E-02	0.60670E-01	0.00000E+00
42	-0.53201E-01	-0.36443E-02	0.60243E-01	0.00000E+00
43	-0.37176E-01	-0.13560E-02	0.45213E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.15977E-01	-0.71488E-04	0.20975E-01	0.00000E+00
46	-0.31911E-01	-0.67298E-03	0.40656E-01	0.00000E+00
47	-0.53594E-01	-0.36793E-02	0.61565E-01	0.00000E+00
48	-0.53595E-01	-0.36797E-02	0.61530E-01	0.00000E+00
49	-0.49573E-01	-0.23359E-02	0.55324E-01	0.00000E+00
50	-0.53630E-01	-0.37148E-02	0.61685E-01	0.00000E+00
51	-0.45233E-01	-0.21673E-02	0.54030E-01	0.00000E+00
52	-0.52637E-01	-0.36942E-02	0.61583E-01	0.00000E+00
53	-0.53588E-01	-0.36857E-02	0.61695E-01	0.00000E+00
54	-0.36395E-01	-0.11665E-02	0.46406E-01	0.00000E+00
55	-0.44718E-01	-0.20504E-02	0.55281E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.15863E-01	0.28719E-03	0.22244E-01	0.00000E+00
58	-0.31527E-01	-0.25521E-03	0.42826E-01	0.00000E+00
59	-0.51348E-01	-0.31686E-02	0.62586E-01	0.00000E+00
60	-0.52226E-01	-0.35190E-02	0.61699E-01	0.00000E+00
61	-0.53640E-01	-0.37370E-02	0.61794E-01	0.00000E+00
62	-0.36442E-01	-0.57776E-03	0.49046E-01	0.00000E+00
63	-0.43736E-01	-0.13763E-02	0.58067E-01	0.00000E+00
64	-0.53006E-01	-0.37683E-02	0.62152E-01	0.00000E+00
65	-0.53651E-01	-0.37583E-02	0.61899E-01	0.00000E+00
66	-0.53732E-01	-0.38005E-02	0.62111E-01	0.00000E+00
67	-0.53813E-01	-0.38437E-02	0.62329E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.15912E-01	0.48061E-03	0.22625E-01	0.00000E+00
70	-0.31111E-01	0.46365E-03	0.43653E-01	0.00000E+00
71	-0.50358E-01	-0.23124E-02	0.65963E-01	0.00000E+00
72	-0.53247E-01	-0.38372E-02	0.62899E-01	0.00000E+00
73	-0.42892E-01	-0.41079E-03	0.59046E-01	0.00000E+00
74	-0.55029E-01	-0.41746E-02	0.64985E-01	0.00000E+00
75	-0.53882E-01	-0.38796E-02	0.62529E-01	0.00000E+00
76	-0.54324E-01	-0.39476E-02	0.62888E-01	0.00000E+00
77	-0.49072E-01	-0.13923E-02	0.66629E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.16058E-01	0.80479E-03	0.23151E-01	0.00000E+00
80	-0.30843E-01	0.10468E-02	0.44056E-01	0.00000E+00
81	-0.35114E-01	0.10383E-02	0.49943E-01	0.00000E+00
82	-0.41580E-01	0.36927E-03	0.58119E-01	0.00000E+00
83	-0.56370E-01	-0.36389E-02	0.72794E-01	0.00000E+00
84	-0.53443E-01	-0.20464E-02	0.72496E-01	0.00000E+00
85	-0.55260E-01	-0.40376E-02	0.63357E-01	0.00000E+00
86	-0.57119E-01	-0.44413E-02	0.67208E-01	0.00000E+00
87	-0.47447E-01	-0.49244E-03	0.65416E-01	0.00000E+00
88	-0.57135E-01	-0.40937E-02	0.70066E-01	0.00000E+00
89	-0.56103E-01	-0.41197E-02	0.63808E-01	0.00000E+00
90	-0.38642E-01	0.32219E-03	0.50500E-01	0.00000E+00
91	-0.42241E-01	-0.44123E-03	0.54372E-01	0.00000E+00
92	-0.44512E-01	-0.11495E-02	0.56384E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.16014E-01	0.00000E+00	0.18897E-01	0.00000E+00
95	-0.29348E-01	0.00000E+00	0.34876E-01	0.00000E+00
96	-0.32586E-01	0.00000E+00	0.38679E-01	0.00000E+00
97	-0.36648E-01	0.00000E+00	0.42898E-01	0.00000E+00
98	-0.38527E-01	0.00000E+00	0.44348E-01	0.00000E+00
99	-0.39655E-01	-0.20964E-03	0.49110E-01	0.00000E+00
100	-0.47148E-01	-0.15642E-02	0.60246E-01	0.00000E+00
101	-0.58715E-01	-0.41462E-02	0.76675E-01	0.00000E+00
102	-0.58326E-01	-0.42290E-02	0.64450E-01	0.00000E+00
103	-0.59828E-01	-0.46094E-02	0.76380E-01	0.00000E+00
104	-0.60493E-01	-0.48868E-02	0.69925E-01	0.00000E+00
105	-0.60183E-01	-0.43335E-02	0.65027E-01	0.00000E+00
106	-0.62184E-01	-0.55700E-02	0.78404E-01	0.00000E+00
107	-0.63087E-01	-0.53923E-02	0.71774E-01	0.00000E+00
108	-0.61780E-01	-0.44200E-02	0.65536E-01	0.00000E+00
109	-0.63075E-01	-0.44976E-02	0.65955E-01	0.00000E+00
110	-0.65155E-01	-0.71682E-02	0.79859E-01	0.00000E+00
111	-0.64987E-01	-0.59895E-02	0.72933E-01	0.00000E+00
112	-0.64160E-01	-0.45621E-02	0.66285E-01	0.00000E+00
113	-0.65618E-01	-0.70632E-02	0.73946E-01	0.00000E+00
114	-0.64942E-01	-0.46123E-02	0.66509E-01	0.00000E+00
115	-0.65515E-01	-0.46536E-02	0.66632E-01	0.00000E+00
116	-0.65797E-01	-0.46864E-02	0.66629E-01	0.00000E+00

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117	-0.65731E-01	-0.64102E-02	0.73012E-01	0.00000E+00
118	-0.65316E-01	-0.47006E-02	0.66591E-01	0.00000E+00
119	-0.65823E-01	-0.47111E-02	0.66468E-01	0.00000E+00
120	-0.65877E-01	-0.68909E-02	0.72479E-01	0.00000E+00
121	-0.65797E-01	-0.47237E-02	0.66271E-01	0.00000E+00
122	-0.65600E-01	-0.47325E-02	0.66250E-01	0.23576E-05
123	-0.65809E-01	-0.47527E-02	0.66224E-01	0.43839E-05
124	-0.65824E-01	-0.47864E-02	0.66199E-01	0.68436E-05
125	-0.65849E-01	-0.48369E-02	0.66172E-01	0.99379E-05
126	-0.65910E-01	-0.49578E-02	0.66127E-01	0.13829E-04
127	-0.65983E-01	-0.51018E-02	0.66082E-01	0.14694E-04
128	-0.66120E-01	-0.53910E-02	0.65991E-01	0.10739E-04
129	-0.66193E-01	-0.55473E-02	0.65906E-01	0.34863E-05
130	-0.66186E-01	-0.55125E-02	0.65816E-01	-0.55902E-05
131	-0.66038E-01	-0.50536E-02	0.65682E-01	-0.12784E-04
132	-0.65859E-01	-0.44196E-02	0.65576E-01	-0.13968E-04
133	-0.65711E-01	-0.38049E-02	0.65491E-01	-0.13383E-04
134	-0.65586E-01	-0.31486E-02	0.65427E-01	-0.15280E-04
135	-0.65471E-01	-0.23897E-02	0.65381E-01	-0.16969E-04
136	-0.65367E-01	-0.16311E-02	0.65345E-01	-0.16179E-04
137	-0.65340E-01	-0.89963E-03	0.65328E-01	-0.16439E-04
138	-0.65308E-01	-0.13175E-03	0.65309E-01	-0.16186E-04
139	-0.65306E-01	-0.16615E-04	0.65308E-01	-0.16598E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6600E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.28404E-01	-0.29251E-01	0.56075E-01	-0.20300E+01	-0.22893E-01	0.20762E+01
2	-0.24815E-01	-0.30265E-01	0.10458E+00	-0.19429E+01	-0.11401E-01	0.19308E+01
3	-0.27598E-02	-0.14437E-01	0.12932E+00	-0.17190E+01	0.86537E-01	0.16955E+01
4	-0.16289E+00	-0.92384E-01	-0.19880E+00	-0.14912E+01	0.10305E+00	0.15546E+01
5	0.22709E-01	-0.39950E-02	0.88126E-01	-0.14765E+01	0.67357E-01	0.15152E+01
6	-0.10573E+00	-0.44793E-01	0.95227E-01	-0.15234E+01	0.65112E-01	0.15427E+01
7	-0.43439E-01	-0.12998E-02	0.72581E-01	-0.12158E+01	0.33680E-01	0.12011E+01
8	-0.12769E+00	-0.13639E-01	0.92090E-01	-0.12177E+01	0.90373E-01	0.12244E+01
9	-0.54903E-01	-0.14891E+00	-0.23507E-01	-0.20456E+01	0.16757E-01	0.21445E+01
10	-0.48969E-01	-0.17723E+00	0.69526E-01	-0.19590E+01	0.56832E-01	0.20296E+01
11	-0.87455E-01	-0.15667E+00	0.32158E+00	-0.17948E+01	0.18177E+00	0.18262E+01
12	-0.26725E+00	-0.12664E+00	0.52136E-01	-0.15770E+01	0.18093E+00	0.15471E+01
13	-0.66864E-01	-0.71102E-01	0.21209E+00	-0.15995E+01	0.11933E+00	0.15975E+01
14	-0.26333E+00	-0.14298E+00	0.15369E+00	-0.16524E+01	0.18739E+00	0.17046E+01
15	-0.24371E+00	-0.35187E-01	0.11945E+00	-0.12954E+01	0.18318E+00	0.12688E+01
16	-0.29756E+00	-0.29380E-01	0.18747E+00	-0.13313E+01	0.23173E+00	0.13419E+01
17	-0.30354E-01	-0.17119E+00	0.11894E-01	-0.20101E+01	0.15207E-01	0.22813E+01
18	0.18716E-01	-0.24899E+00	0.16118E+00	-0.19644E+01	0.58232E-01	0.21743E+01
19	0.66401E-01	-0.30107E+00	0.54938E+00	-0.18822E+01	0.21158E+00	0.20114E+01
20	-0.36462E+00	-0.18280E+00	0.15521E+00	-0.17197E+01	0.28374E+00	0.17093E+01
21	-0.60137E-01	-0.28494E+00	0.28134E+00	-0.17644E+01	0.14457E+00	0.18520E+01
22	-0.36931E+00	-0.59224E+00	0.99076E-01	-0.18464E+01	0.24246E+00	0.20074E+01
23	-0.43098E+00	-0.81772E-01	0.20165E+00	-0.14846E+01	0.32104E+00	0.14651E+01
24	-0.82579E+00	-0.29547E+00	0.20946E-01	-0.16306E+01	0.44839E+00	0.15350E+01
25	-0.44249E+00	-0.32184E+00	0.20076E+00	-0.16597E+01	0.32657E+00	0.16917E+01
26	-0.13547E+01	-0.99237E+00	-0.39502E+00	-0.18020E+01	0.51663E+00	0.18478E+01
27	0.84168E-02	-0.12435E+00	0.61753E-01	-0.19721E+01	0.72041E-02	0.23811E+01
28	0.97143E-01	-0.21266E+00	0.25227E+00	-0.19145E+01	0.29631E-01	0.22760E+01
29	0.26087E+00	-0.32958E+00	0.71340E+00	-0.17723E+01	0.11136E+00	0.21380E+01
30	-0.45813E-01	-0.35793E+00	0.36134E+00	-0.13054E+01	0.21718E+00	0.20073E+01
31	-0.76206E-02	-0.50541E+00	0.30540E+00	-0.16972E+01	0.69197E-01	0.20554E+01
32	-0.10828E+00	-0.47841E+00	0.31140E+00	-0.16489E+01	0.13333E+00	0.20873E+01
33	-0.10506E+01	-0.83185E+00	-0.19409E+00	-0.18391E+01	0.41015E+00	0.19194E+01
34	-0.23675E+01	-0.17144E+01	-0.10590E+01	-0.19086E+01	0.57885E+00	0.20313E+01
35	-0.48143E+00	-0.45467E+00	0.20414E+00	-0.18809E+01	0.22115E+00	0.20298E+01
36	0.12258E+00	-0.15397E+00	0.56410E+00	-0.17568E+01	0.12241E+00	0.20417E+01
37	-0.70527E+00	-0.80177E+00	-0.15588E-01	-0.19299E+01	0.23439E+00	0.20687E+01
38	0.94144E-01	0.22668E-01	0.16320E+00	-0.19537E+01	0.55482E-02	0.24837E+01
39	0.17033E+00	-0.51042E-01	0.36882E+00	-0.19165E+01	0.16799E-01	0.23529E+01
40	0.25713E+00	-0.30358E+00	0.76604E+00	-0.17234E+01	0.65189E-01	0.21440E+01
41	0.37957E+00	0.61799E-01	0.91348E+00	-0.17912E+01	0.36927E-01	0.21567E+01
42	0.47762E+00	-0.41804E-01	0.95140E+00	-0.17744E+01	0.18666E-01	0.21467E+01
43	0.17578E+00	-0.25441E+00	0.51258E+00	-0.16684E+01	0.24350E-01	0.20747E+01
44	0.46544E+00	-0.10042E-01	0.74006E+00	-0.16240E+01	-0.70849E-01	0.19619E+01
45	0.62058E+00	0.98458E-01	0.85616E+00	-0.17262E+01	0.40206E-02	0.19517E+01
46	0.31079E+00	-0.16530E+00	0.61655E+00	-0.16635E+01	-0.18687E-02	0.19553E+01
47	-0.18754E+00	-0.48000E+00	0.32035E+00	-0.18385E+01	0.11212E+00	0.20742E+01
48	0.64361E-01	-0.35257E+00	0.47550E+00	-0.19293E+01	-0.83927E-01	0.20748E+01
49	0.16399E+00	-0.39183E+00	0.49343E+00	-0.18597E+01	-0.76346E-01	0.20665E+01
50	0.17257E+01	0.32498E+00	0.14025E+01	-0.15772E+01	-0.39742E+00	0.17130E+01
51	0.53595E+00	0.42334E+00	0.10035E+01	-0.73079E-01	-0.87157E+01	0.43389E+00
52	0.11534E+01	0.70995E+00	0.13390E+01	0.44198E+00	-0.17916E+00	-0.49766E-01
53	0.58543E+00	-0.24103E+00	0.74249E+00	-0.14529E+01	-0.11932E-01	0.16453E+01
54	0.25367E+00	0.27166E+00	0.33320E+00	-0.19326E+01	0.25931E-02	0.26404E+01

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55	0.31565E+00	0.13924E+00	0.52179E+00	-0.19025E+01	0.47573E-02	0.24632E+01
56	0.47914E+00	0.57007E-01	0.10076E+01	-0.17411E+01	0.27155E-01	0.22152E+01
57	0.50230E+00	0.13409E-01	0.80708E+00	-0.15829E+01	0.20595E-01	0.19622E+01
58	0.56712E+00	-0.48855E-01	0.86854E+00	-0.13694E+01	0.30927E-01	0.16876E+01
59	0.25225E+00	0.32243E+00	0.30814E+00	-0.19588E+01	-0.27956E-01	0.27175E+01
60	0.42965E+00	0.55441E+00	0.54518E+00	-0.19307E+01	-0.26202E-01	0.27621E+01
61	0.37629E+00	0.51505E+00	0.50014E+00	-0.19211E+01	-0.12742E-01	0.27605E+01
62	0.49378E+00	0.69051E+00	0.54394E+00	-0.19626E+01	-0.25081E-01	0.28267E+01
63	0.41522E+00	0.31999E+00	0.62403E+00	-0.18526E+01	-0.73548E-01	0.25397E+01
64	0.51197E+00	0.53050E+00	0.71800E+00	-0.17991E+01	-0.73463E-01	0.25550E+01
65	0.51514E+00	0.15657E+00	0.10318E+01	-0.16970E+01	-0.19802E+00	0.22840E+01
66	0.68136E+00	0.31592E+00	0.11128E+01	-0.15929E+01	-0.24711E+00	0.21347E+01
67	0.55318E+00	0.47849E+00	0.10587E+01	-0.14805E+01	-0.22793E+00	0.21406E+01
68	0.63932E+00	0.14692E+00	0.93913E+00	-0.14967E+01	-0.13819E+00	0.19666E+01
69	0.59606E+00	0.20315E+00	0.88411E+00	-0.14713E+01	-0.16272E+00	0.20692E+01
70	0.89670E+00	0.37937E+00	0.10665E+01	-0.13333E+01	-0.27891E+00	0.17673E+01
71	0.68279E+00	0.82694E-01	0.97810E+00	-0.13052E+01	-0.16869E+00	0.16976E+01
72	0.84121E+00	0.18732E+00	0.10248E+01	-0.12324E+01	-0.31177E+00	0.16181E+01
73	0.27822E+00	0.37579E+00	0.31698E+00	-0.19673E+01	-0.58774E-01	0.25680E+01
74	0.37150E+00	0.37288E+00	0.45717E+00	-0.17354E+01	-0.18008E+00	0.22504E+01
75	0.49157E+00	0.34104E+00	0.65868E+00	-0.14152E+01	-0.53209E+00	0.17683E+01
76	0.81526E+00	0.27071E+00	0.87625E+00	-0.14030E+01	-0.48796E+00	0.17652E+01
77	0.56728E+00	0.37247E+00	0.66265E+00	-0.10605E+01	-0.34647E+00	0.13368E+01
78	0.78250E+00	0.60973E+00	0.74183E+00	-0.89366E+00	-0.39592E+00	0.91110E+00
79	0.96931E+00	0.26428E+00	0.92378E+00	-0.10255E+01	-0.55807E+00	0.12106E+01
80	0.11794E+01	0.36959E+00	0.90267E+00	-0.75838E+00	-0.58832E+00	0.83982E+00
81	0.49944E+00	0.16156E+00	0.48236E+00	-0.43559E+00	-0.40771E+00	0.47026E+00
82	0.77935E+00	0.59565E+00	0.70978E+00	-0.39002E+00	-0.44494E+00	0.31684E+00
83	0.10542E+01	0.18182E+00	0.77755E+00	-0.60938E+00	-0.58836E+00	0.56435E+00
84	0.11783E+01	0.26627E+00	0.96466E+00	-0.71261E+00	-0.64029E+00	0.67344E+00
85	0.13382E+01	0.20945E+00	0.11488E+01	-0.90882E+00	-0.74206E+00	0.94936E+00
86	0.13350E+01	0.19812E+00	0.11507E+01	-0.69219E+00	-0.74490E+00	0.59559E+00
87	0.82100E+00	0.63544E-01	0.10032E+01	-0.96134E+00	-0.33697E+00	0.12905E+01
88	0.82190E+00	0.55117E-01	0.10553E+01	-0.10083E+01	-0.23509E+00	0.12363E+01
89	0.90472E+00	0.72613E-01	0.11167E+01	-0.85312E+00	-0.27479E+00	0.10226E+01
90	0.10145E+01	0.53424E-01	0.11095E+01	-0.63477E+00	-0.33760E+00	0.61502E+00
91	0.10598E+01	0.17638E+00	0.12022E+01	-0.56370E+00	-0.34322E+00	0.61935E+00
92	0.10598E+01	0.19436E+00	0.11838E+01	-0.39181E+00	-0.33401E+00	0.31252E+00
93	0.69033E+00	-0.39555E+00	0.73317E+00	-0.10269E+01	-0.19276E-01	0.13755E+01
94	0.70142E+00	-0.22002E-01	0.92637E+00	-0.10922E+01	0.27021E-01	0.13875E+01
95	0.48640E+00	0.27587E+00	0.95670E+00	-0.80432E+00	0.13556E+00	0.99269E+00
96	0.65995E+00	0.19989E-01	0.97737E+00	-0.10817E+01	0.48718E-01	0.13019E+01
97	0.42229E+00	0.13513E+00	0.38518E+00	-0.36888E+00	0.13927E+00	0.83056E+00
98	0.52540E+00	0.35436E-01	0.93641E+00	-0.80447E+00	0.15730E+00	0.89736E+00
99	0.56635E+00	-0.14525E+00	0.90991E+00	-0.88106E+00	0.67630E-01	0.10425E+01
100	0.46875E+00	-0.26501E-01	0.85471E+00	-0.66725E+00	0.16782E+00	0.62182E+00
101	0.57013E+00	0.13364E+00	0.89605E+00	-0.52569E+00	0.19586E+00	0.42696E+00
102	0.44275E+00	-0.72949E-01	0.80047E+00	-0.47647E+00	0.15831E+00	0.35387E+00
103	0.37550E+00	0.13015E+00	0.74747E+00	-0.25196E+00	0.26446E+00	0.15422E+00
104	0.34326E+00	0.10762E+00	0.70191E+00	-0.84414E-01	0.27362E+00	0.15105E-01
105	0.93155E+00	0.96332E-02	0.97171E+00	-0.90630E+00	-0.12720E+00	0.13566E+01
106	0.15039E+01	0.96690E+00	0.15385E+01	-0.41944E-01	-0.23207E+00	0.56589E+00
107	0.11293E+01	0.59768E+00	0.12933E+01	-0.48373E+00	-0.19331E+00	0.10033E+01
108	0.94395E+00	0.54169E+00	0.12068E+01	-0.50519E+00	-0.14158E+00	0.99650E+00
109	0.91242E+00	0.59393E+00	0.12274E+01	-0.18231E+00	-0.11647E+00	0.56965E+00
110	0.20758E+00	-0.48351E-01	0.69325E+00	-0.69436E+00	-0.47635E-01	0.98228E+00
111	0.45705E-01	0.89285E-01	0.69339E+00	-0.50891E+00	0.55698E-01	0.48981E+00
112	0.29655E-01	0.74375E-01	0.66311E+00	-0.79097E+00	0.60311E-01	0.48349E+00
113	-0.20421E+00	-0.20030E+00	0.46187E+00	-0.88576E+00	0.14825E+00	0.10030E+01
114	-0.22190E+00	-0.80064E-01	0.48360E+00	-0.72830E+00	0.24277E+00	0.47222E+00

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115	-0.25832E+00	-0.10151E+00	0.41902E+00	-0.12476E+01	0.25936E+00	0.45546E+00
116	-0.60961E-01	-0.17223E+00	0.47504E+00	-0.97262E+00	0.35441E+00	0.84310E+00
117	0.20783E+00	0.17844E+00	0.63467E+00	-0.10810E+01	0.49169E+00	0.42569E+00
118	0.16737E+00	0.15757E+00	0.55439E+00	-0.93993E+00	0.51159E+00	0.39023E+00
119	0.13700E+00	-0.13420E+00	0.48590E+00	-0.79998E+00	0.54640E+00	0.61736E+00
120	0.33776E+00	0.25677E+00	0.59846E+00	-0.82276E+00	0.65929E+00	0.34706E+00
121	0.31128E+00	0.24447E+00	0.54457E+00	-0.70886E+00	0.67300E+00	0.30066E+00
122	0.47362E-01	-0.30957E+00	0.31084E+00	-0.66742E+00	0.67326E+00	0.43990E+00
123	0.24526E+00	0.20244E+00	0.45301E+00	-0.60991E+00	0.77207E+00	0.24851E+00
124	0.23282E+00	0.20072E+00	0.42359E+00	-0.49697E+00	0.78055E+00	0.19433E+00
125	0.18911E+00	-0.81246E-01	0.40535E+00	-0.41083E+00	0.72927E+00	0.15648E+00
126	0.29337E+00	0.23983E+00	0.43053E+00	-0.38595E+00	0.78680E+00	0.13089E+00
127	0.29148E+00	0.24273E+00	0.42289E+00	-0.25363E+00	0.78967E+00	0.91082E-01
128	0.11150E+00	-0.39679E-01	0.29068E+00	-0.28281E+00	0.75491E+00	0.32004E-01
129	0.16715E+00	0.17515E+00	0.31857E+00	-0.27655E+00	0.77581E+00	0.30406E-01
130	0.10402E+01	-0.13118E+00	0.94757E+00	-0.14958E+01	-0.13644E+00	0.17083E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.21292E+00	0.14195E+01	-0.12065E+01	-0.32068E+02	0.23821E+02	0.15743E+02
131	0.37057E-01	0.24705E+00	-0.20999E+00	-0.63710E+02	0.42969E+02	0.51037E+02
132	0.83119E-01	0.55412E+00	-0.47101E+00	-0.10550E+03	0.68788E+02	0.85626E+02
133	0.41645E-01	0.27763E+00	-0.23599E+00	-0.15149E+03	0.94728E+02	0.12244E+03
134	0.72213E-01	0.43142E+00	-0.40921E+00	-0.20239E+03	0.12092E+03	0.16314E+03
135	0.13470E+00	0.89803E+00	-0.76332E+00	-0.24025E+03	0.14030E+03	0.19703E+03
136	0.58091E-01	0.38727E+00	-0.32918E+00	-0.27044E+03	0.14951E+03	0.21821E+03
137	0.44549E-01	0.29700E+00	-0.25245E+00	-0.26736E+03	0.16005E+03	0.22876E+03
138	0.27635E+00	0.18424E+01	-0.11692E+01	-0.27187E+03	0.27058E+03	0.24339E+03
139	-0.75152E-01	-0.50101E+00	0.18873E+01	-0.26133E+03	0.48918E+03	0.26022E+03
140	-0.10531E+01	-0.70209E+01	0.59678E+01	-0.32850E+03	0.59252E+03	0.29112E+03
141	-0.10066E+01	-0.67105E+01	0.57039E+01	-0.32426E+03	0.59962E+03	0.31008E+03
142	-0.11417E+01	-0.76115E+01	0.64698E+01	-0.33503E+03	0.60261E+03	0.32479E+03
143	-0.11747E+01	-0.78312E+01	0.66565E+01	0.11724E+03	0.67072E+03	-0.11461E+03
144	-0.13617E+01	-0.90780E+01	0.77163E+01	0.11969E+03	0.66775E+03	-0.94708E+02
145	0.12452E+01	0.83016E+01	-0.18192E+01	-0.10833E+03	0.50544E+03	-0.45825E+03
146	0.50497E+00	0.33665E+01	-0.21957E+01	-0.11667E+03	0.37215E+03	-0.44401E+03
147	0.51100E+00	0.34066E+01	-0.21270E+01	-0.10785E+03	0.37812E+03	-0.43345E+03
148	0.51803E+00	0.34536E+01	0.44320E+00	-0.10624E+03	0.38379E+03	-0.43562E+03
149	0.52636E+00	0.35091E+01	0.38676E+00	-0.10884E+03	0.38983E+03	-0.44776E+03
150	0.59404E+00	0.39603E+01	0.11878E+00	-0.81515E+02	0.41508E+03	-0.43182E+03
151	0.71230E+00	0.47487E+01	0.91208E+01	-0.82594E+02	0.46640E+03	-0.44461E+03
152	0.68959E+00	0.45973E+01	0.16569E+02	-0.83666E+02	0.45097E+03	-0.43964E+03
153	0.65404E+00	0.43602E+01	0.14737E+02	-0.73734E+02	0.42857E+03	-0.42826E+03
154	0.57238E+00	0.38158E+01	0.28473E+02	-0.66316E+02	0.37479E+03	-0.41405E+03
155	0.45397E+00	0.30265E+01	0.23602E+02	-0.73057E+02	0.29419E+03	-0.38486E+03
156	0.35594E+00	0.23730E+01	0.20233E+02	-0.62434E+02	0.22989E+03	-0.35382E+03
157	0.27462E+00	0.18308E+01	0.16382E+02	-0.60680E+02	0.17549E+03	-0.31190E+03
158	0.20713E+00	0.13803E+01	0.13816E+02	-0.52635E+02	0.13133E+03	-0.27080E+03
159	0.15280E+00	0.10187E+01	0.10026E+02	-0.42361E+02	0.96355E+02	-0.21988E+03
160	0.11105E+00	0.74033E+00	0.75458E+01	-0.35307E+02	0.69348E+02	-0.17199E+03
161	0.68975E-01	0.59317E+00	0.44184E+01	-0.30258E+02	0.51472E+02	-0.11534E+03
162	0.74727E-01	0.49818E+00	0.10027E+01	-0.25348E+02	0.40345E+02	-0.75070E+02
163	0.75986E-01	0.50657E+00	0.11658E+01	-0.96568E+01	0.43442E+02	-0.48209E+02
164	0.59858E-01	0.39905E+00	0.63445E+00	-0.11077E+02	0.33701E+02	-0.20526E+02

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165	0.50282E+02	0.32821E+01	0.31209E+01	0.73835E+01	0.30765E+02	-0.93906E+01
166	0.42459E+02	0.29310E+01	0.30721E+01	0.69090E+01	0.27366E+02	-0.96977E+01
167	0.33554E+02	0.23376E+01	0.24202E+01	0.62582E+01	0.22080E+02	-0.99601E+01
168	0.24954E+02	0.16127E+01	0.17630E+01	0.56222E+01	0.16869E+02	-0.10211E+02
169	0.14000E+02	0.29325E+00	0.16615E+01	0.49805E+01	0.12261E+02	-0.10516E+02
170	0.23527E+01	-0.16579E+01	0.19194E+01	0.42567E+01	0.74976E+01	-0.10836E+02
171	-0.70120E+01	-0.32453E+01	0.19865E+01	0.33077E+01	-0.39667E+00	-0.11129E+02
172	-0.12657E+02	-0.38012E+01	0.15767E+01	0.23437E+01	-0.98998E+01	-0.11132E+02
173	-0.11528E+02	-0.28643E+01	0.94397E+00	0.17572E+01	-0.16011E+02	-0.10676E+02
174	-0.45561E+01	-0.10983E+01	0.28935E+00	0.14833E+01	-0.18615E+02	-0.95534E+01
175	-0.50947E+00	-0.18496E+00	0.41978E-01	0.14621E+01	-0.15106E+02	-0.80783E+01
176	0.14423E+00	-0.11355E+00	0.86416E-01	0.13809E+01	-0.12098E+02	-0.69926E+01
177	-0.44884E+00	-0.16814E+00	0.66357E-01	0.10451E+01	-0.10453E+02	-0.54669E+01
178	-0.28143E+00	-0.29923E-01	-0.24632E-01	0.70380E+00	-0.74902E+01	-0.39448E+01
179	0.13566E+00	0.36414E-01	-0.24307E-01	0.59501E+00	-0.53568E+01	-0.27949E+01
180	-0.34502E-01	-0.44034E-02	-0.51992E-02	0.46308E+00	-0.32109E+01	-0.16981E+01
181	0.31010E-01	0.47755E-01	-0.40603E-01	0.42462E+00	-0.14943E+01	-0.58731E+00
182	-0.18186E+00	-0.84466E-01	0.49728E-01	0.17225E+00	0.36551E+00	0.29119E-01

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517

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.47126E-01	0.98550E-04	0.47100E-01	0.00000E+00
3	-0.87520E-01	-0.40613E-04	0.37679E-01	0.00000E+00
4	-0.97742E-01	-0.10708E-03	0.97833E-01	0.00000E+00
5	-0.11165E+00	-0.28360E-04	0.11166E+00	0.00000E+00
6	-0.12086E+00	-0.42887E-05	0.12086E+00	0.00000E+00
7	-0.11179E+00	-0.83224E-03	0.11167E+00	0.00000E+00
8	-0.12112E+00	-0.62857E-03	0.12111E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.46064E-01	-0.50443E-03	0.45755E-01	0.00000E+00
11	-0.86475E-01	-0.11118E-02	0.86097E-01	0.00000E+00
12	-0.97112E-01	-0.13277E-02	0.96804E-01	0.00000E+00
13	-0.11138E+00	-0.11978E-02	0.11156E+00	0.00000E+00
14	-0.12179E+00	-0.93397E-03	0.12179E+00	0.00000E+00
15	-0.11246E+00	-0.20368E-02	0.11238E+00	0.00000E+00
16	-0.12292E+00	-0.15238E-02	0.12299E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.45006E-01	-0.92275E-03	0.44773E-01	0.00000E+00
19	-0.85600E-01	-0.21056E-02	0.85153E-01	0.00000E+00
20	-0.96910E-01	-0.25742E-02	0.96439E-01	0.00000E+00
21	-0.11303E+00	-0.23950E-02	0.11277E+00	0.00000E+00
22	-0.12458E+00	-0.18823E-02	0.12481E+00	0.00000E+00
23	-0.11388E+00	-0.33868E-02	0.11354E+00	0.00000E+00
24	-0.12684E+00	-0.24231E-02	0.12743E+00	0.00000E+00
25	-0.12819E+00	-0.31552E-02	0.12913E+00	0.00000E+00
26	-0.12900E+00	-0.32690E-02	0.13017E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.43394E-01	-0.93580E-03	0.41931E-01	0.00000E+00
29	-0.83686E-01	-0.23053E-02	0.81099E-01	0.00000E+00
30	-0.95764E-01	-0.30665E-02	0.93221E-01	0.00000E+00
31	-0.11407E+00	-0.35941E-02	0.11324E+00	0.00000E+00
32	-0.12980E+00	-0.32519E-02	0.13129E+00	0.00000E+00
33	-0.11396E+00	-0.37844E-02	0.11272E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.42823E-01	-0.72736E-03	0.40495E-01	0.00000E+00
36	-0.82877E-01	-0.18655E-02	0.78637E-01	0.00000E+00
37	-0.94978E-01	-0.24258E-02	0.90372E-01	0.00000E+00
38	-0.11333E+00	-0.31235E-02	0.11171E+00	0.00000E+00
39	-0.13084E+00	-0.35106E-02	0.13284E+00	0.00000E+00
40	-0.13063E+00	-0.35003E-02	0.13251E+00	0.00000E+00
41	-0.13042E+00	-0.34886E-02	0.13220E+00	0.00000E+00
42	-0.13020E+00	-0.34593E-02	0.13184E+00	0.00000E+00
43	-0.93313E-01	-0.13157E-02	0.82619E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.40439E-01	-0.21908E-03	0.32925E-01	0.00000E+00
46	-0.78958E-01	-0.52472E-03	0.63945E-01	0.00000E+00
47	-0.13088E+00	-0.35107E-02	0.13285E+00	0.00000E+00
48	-0.13091E+00	-0.35110E-02	0.13295E+00	0.00000E+00
49	-0.11374E+00	-0.29189E-02	0.11115E+00	0.00000E+00
50	-0.13099E+00	-0.35344E-02	0.13337E+00	0.00000E+00
51	-0.11179E+00	-0.18473E-02	0.10064E+00	0.00000E+00
52	-0.12792E+00	-0.38536E-02	0.11739E+00	0.00000E+00
53	-0.13081E+00	-0.35044E-02	0.13252E+00	0.00000E+00
54	-0.90577E-01	-0.94607E-03	0.73411E-01	0.00000E+00
55	-0.10849E+00	-0.16124E-02	0.68641E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.37556E-01	0.54956E-03	0.23648E-01	0.00000E+00
58	-0.73690E-01	0.48930E-03	0.47247E-01	0.00000E+00
59	-0.12301E+00	-0.24940E-02	0.10140E+00	0.00000E+00
60	-0.12658E+00	-0.35371E-02	0.11254E+00	0.00000E+00
61	-0.13101E+00	-0.35550E-02	0.13361E+00	0.00000E+00
62	-0.84636E-01	0.64671E-03	0.53960E-01	0.00000E+00
63	-0.10067E+00	0.58318E-03	0.64275E-01	0.00000E+00
64	-0.12869E+00	-0.33851E-02	0.11819E+00	0.00000E+00
65	-0.13103E+00	-0.35747E-02	0.13385E+00	0.00000E+00
66	-0.13122E+00	-0.36130E-02	0.13432E+00	0.00000E+00
67	-0.13141E+00	-0.36483E-02	0.13479E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.35238E-01	0.76177E-03	0.15729E-01	0.00000E+00
70	-0.67949E-01	0.20195E-02	0.31064E-01	0.00000E+00
71	-0.11524E+00	0.52036E-03	0.74065E-01	0.00000E+00
72	-0.12890E+00	-0.39470E-02	0.11475E+00	0.00000E+00
73	-0.92641E-01	0.27772E-02	0.42527E-01	0.00000E+00
74	-0.13301E+00	-0.41003E-02	0.11824E+00	0.00000E+00
75	-0.13157E+00	-0.36724E-02	0.13524E+00	0.00000E+00
76	-0.13259E+00	-0.37059E-02	0.13605E+00	0.00000E+00
77	-0.10550E+00	0.29201E-02	0.48497E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.33235E-01	0.13332E-02	0.85956E-02	0.00000E+00
80	-0.62693E-01	0.30772E-02	0.15653E-01	0.00000E+00
81	-0.70958E-01	0.40385E-02	0.17651E-01	0.00000E+00
82	-0.83684E-01	0.43926E-02	0.21382E-01	0.00000E+00
83	-0.12830E+00	0.21104E-03	0.83589E-01	0.00000E+00
84	-0.10973E+00	0.43430E-02	0.35996E-01	0.00000E+00
85	-0.13474E+00	-0.37470E-02	0.13712E+00	0.00000E+00
86	-0.13753E+00	-0.38786E-02	0.12249E+00	0.00000E+00
87	-0.95345E-01	0.47400E-02	0.25359E-01	0.00000E+00
88	-0.13425E+00	-0.20635E-02	0.10375E+00	0.00000E+00
89	-0.13688E+00	-0.37725E-02	0.13816E+00	0.00000E+00
90	-0.67506E-01	0.29334E-02	-0.65072E-02	0.00000E+00
91	-0.73342E-01	0.30237E-02	-0.76706E-02	0.00000E+00
92	-0.77387E-01	0.29688E-02	-0.74995E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.22914E-01	0.00000E+00	-0.14079E-01	0.00000E+00
95	-0.42779E-01	0.00000E+00	-0.25139E-01	0.00000E+00
96	-0.47568E-01	0.00000E+00	-0.27644E-01	0.00000E+00
97	-0.53013E-01	0.00000E+00	-0.28969E-01	0.00000E+00
98	-0.55770E-01	0.00000E+00	-0.29089E-01	0.00000E+00
99	-0.64013E-01	0.20181E-02	-0.17923E-01	0.00000E+00
100	-0.84468E-01	0.33636E-02	-0.80111E-03	0.00000E+00
101	-0.12082E+00	0.38525E-02	0.40377E-01	0.00000E+00
102	-0.14176E+00	-0.37774E-02	0.13968E+00	0.00000E+00
103	-0.13597E+00	0.57609E-04	0.58639E-01	0.00000E+00
104	-0.14528E+00	-0.36565E-02	0.12301E+00	0.00000E+00
105	-0.14601E+00	-0.37690E-02	0.14109E+00	0.00000E+00
106	-0.14137E+00	-0.36812E-04	0.92629E-01	0.00000E+00
107	-0.15119E+00	-0.35925E-02	0.13212E+00	0.00000E+00
108	-0.14963E+00	-0.37215E-02	0.14238E+00	0.00000E+00
109	-0.15250E+00	-0.36576E-02	0.14353E+00	0.00000E+00
110	-0.14893E+00	-0.20540E-03	0.97964E-01	0.00000E+00
111	-0.15569E+00	-0.35665E-02	0.13535E+00	0.00000E+00
112	-0.15493E+00	-0.35711E-02	0.14452E+00	0.00000E+00
113	-0.15227E+00	-0.46460E-03	0.10676E+00	0.00000E+00
114	-0.15672E+00	-0.34573E-02	0.14532E+00	0.00000E+00
115	-0.15793E+00	-0.33341E-02	0.14594E+00	0.00000E+00
116	-0.15848E+00	-0.32047E-02	0.14634E+00	0.00000E+00

518

000522

5622

117	-0.15753E+00	-0.30613E-02	0.13711E+00	0.00000E+00
118	-0.15850E+00	-0.31401E-02	0.14647E+00	0.00000E+00
119	-0.15841E+00	-0.30342E-02	0.14656E+00	0.00000E+00
120	-0.15896E+00	-0.23408E-02	0.13886E+00	0.00000E+00
121	-0.15823E+00	-0.28835E-02	0.14661E+00	0.00000E+00
122	-0.15821E+00	-0.27500E-02	0.14683E+00	-0.33324E-04
123	-0.15811E+00	-0.24577E-02	0.14700E+00	-0.61001E-04
124	-0.15793E+00	-0.19795E-02	0.14717E+00	-0.94888E-04
125	-0.15760E+00	-0.12643E-02	0.14735E+00	-0.13887E-03
126	-0.15678E+00	0.48417E-03	0.14764E+00	-0.20166E-03
127	-0.15573E+00	0.26782E-02	0.14792E+00	-0.22968E-03
128	-0.15348E+00	0.77225E-02	0.14849E+00	-0.21381E-03
129	-0.15176E+00	0.11809E-01	0.14901E+00	-0.15295E-03
130	-0.15067E+00	0.14660E-01	0.14957E+00	-0.68329E-04
131	-0.15057E+00	0.15098E-01	0.15043E+00	0.33249E-04
132	-0.15139E+00	0.12533E-01	0.15120E+00	0.69566E-04
133	-0.15221E+00	0.95114E-02	0.15187E+00	0.61367E-04
134	-0.15273E+00	0.71999E-02	0.15242E+00	0.44538E-04
135	-0.15304E+00	0.54538E-02	0.15286E+00	0.37191E-04
136	-0.15326E+00	0.37751E-02	0.15318E+00	0.38667E-04
137	-0.15340E+00	0.20942E-02	0.15338E+00	0.38805E-04
138	-0.15349E+00	0.31411E-03	0.15349E+00	0.39909E-04
139	-0.15349E+00	0.38928E-04	0.15349E+00	0.38968E-04

519

000523

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6700E+01

520

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.93052E-01	-0.37669E-01	-0.13597E-01	-0.57179E+01	-0.38612E-01	0.56900E+01
2	0.22336E+00	-0.36450E-01	0.48790E-02	-0.50081E+01	-0.86844E-01	0.50046E+01
3	0.33558E+00	-0.39139E-01	-0.17593E-01	-0.39810E+01	-0.15850E+00	0.40223E+01
4	-0.90372E-01	-0.56574E-02	-0.43135E-01	-0.31575E+01	0.44161E-02	0.31701E+01
5	0.16266E+00	-0.95448E-03	0.91301E-02	-0.32212E+01	-0.73072E-01	0.32466E+01
6	-0.93261E-01	-0.38232E-02	-0.11341E+00	-0.32652E+01	0.62532E-02	0.33184E+01
7	-0.14548E+00	-0.19764E-01	-0.90446E-01	-0.22076E+01	0.33063E-01	0.22234E+01
8	-0.25875E+00	-0.16944E-01	-0.14641E+00	-0.22176E+01	0.63819E-01	0.23131E+01
9	-0.13415E+00	-0.38936E+00	-0.22873E+00	-0.55814E+01	-0.30598E-01	0.55504E+01
10	-0.64571E-01	-0.43094E+00	-0.24695E+00	-0.50042E+01	-0.56122E-01	0.49921E+01
11	0.39020E-01	-0.37729E+00	-0.20803E+00	-0.41947E+01	-0.59078E-01	0.42133E+01
12	-0.58886E+00	-0.32275E+00	-0.41513E+00	-0.33597E+01	0.16684E+00	0.33161E+01
13	-0.77177E-01	-0.17236E+00	-0.14775E+00	-0.34594E+01	-0.15826E-01	0.35354E+01
14	-0.51840E+00	-0.23393E+00	-0.33820E+00	-0.35484E+01	0.82172E-01	0.36533E+01
15	-0.58468E+00	-0.90577E-01	-0.28646E+00	-0.24169E+01	0.18845E+00	0.24390E+01
16	-0.72832E+00	-0.84510E-01	-0.32686E+00	-0.25278E+01	0.19921E+00	0.26400E+01
17	-0.14162E+00	-0.49024E+00	-0.28894E+00	-0.54028E+01	-0.94154E-01	0.53127E+01
18	0.29016E-01	-0.54363E+00	-0.30876E+00	-0.49510E+01	-0.22376E+00	0.49090E+01
19	0.33056E+00	-0.58149E+00	-0.31486E+00	-0.43400E+01	-0.45573E+00	0.44446E+01
20	-0.82710E+00	-0.44204E+00	-0.54977E+00	-0.36718E+01	0.15419E+00	0.36535E+01
21	-0.42846E-01	-0.49389E+00	-0.32774E+00	-0.38435E+01	-0.24614E+00	0.41567E+01
22	-0.80930E+00	-0.97295E+00	-0.82294E+00	-0.40021E+01	-0.12101E-01	0.44446E+01
23	-0.10118E+01	-0.12019E+00	-0.44686E+00	-0.28847E+01	-0.30432E+00	0.30082E+01
24	-0.20028E+01	-0.59673E+00	-0.10009E+01	-0.31679E+01	0.59858E+00	0.32191E+01
25	-0.98905E+00	-0.41623E+00	-0.54054E+00	-0.32953E+01	0.21090E+00	0.37213E+01
26	-0.29344E+01	-0.16758E+01	-0.17920E+01	-0.35156E+01	0.74331E+00	0.41468E+01
27	-0.91671E-01	-0.43047E+00	-0.27283E+00	-0.52443E+01	-0.14887E+00	0.50471E+01
28	0.11839E+00	-0.51703E+00	-0.33846E+00	-0.48323E+01	-0.40220E+00	0.47596E+01
29	0.71934E+00	-0.52810E+00	-0.37995E+00	-0.41745E+01	-0.11018E+01	0.44902E+01
30	-0.30149E+00	-0.64224E+00	-0.50397E+00	-0.40254E+01	-0.23715E+00	0.44398E+01
31	-0.17195E+00	-0.69350E+00	-0.43121E+00	-0.38510E+01	-0.72556E+00	0.46345E+01
32	-0.40877E+00	-0.87381E+00	-0.71754E+00	-0.37404E+01	-0.52747E+00	0.47072E+01
33	-0.21914E+01	-0.12722E+01	-0.13636E+01	-0.38162E+01	0.37595E+00	0.43830E+01
34	-0.51151E+01	-0.32092E+01	-0.32717E+01	-0.39860E+01	0.11600E+01	0.47917E+01
35	-0.11547E+01	-0.56631E+00	-0.62477E+00	-0.39767E+01	0.34235E+00	0.47904E+01
36	0.35035E+00	0.14611E+00	0.16036E+00	-0.36856E+01	-0.58685E+00	0.49821E+01
37	-0.17750E+01	-0.14725E+01	-0.12540E+01	-0.41073E+01	0.37078E+00	0.51800E+01
38	0.76793E-01	-0.20634E+00	-0.18757E+00	-0.50707E+01	-0.21668E+00	0.44914E+01
39	0.39990E+00	-0.21845E+00	-0.32862E+00	-0.47366E+01	-0.63656E+00	0.42430E+01
40	0.90046E+00	-0.44372E+00	-0.59905E+00	-0.41261E+01	-0.18900E+01	0.43844E+01
41	0.12657E+01	0.79027E-01	-0.61900E+00	-0.43572E+01	-0.16655E+01	0.42022E+01
42	0.16799E+01	-0.16264E+00	-0.88311E+00	-0.41567E+01	-0.20658E+01	0.35042E+01
43	0.51591E+00	-0.16141E+00	-0.22942E+00	-0.38689E+01	-0.10833E+01	0.47423E+01
44	0.87786E+00	-0.62683E-01	-0.22836E+00	-0.38074E+01	-0.17123E+01	0.39539E+01
45	0.15801E+01	0.25752E+00	-0.13007E+00	-0.39633E+01	-0.16782E+01	0.39400E+01
46	0.78736E+00	-0.40759E+00	-0.79574E+00	-0.38194E+01	-0.11864E+01	0.33273E+01
47	-0.53240E+00	-0.72987E+00	-0.51740E+00	-0.38934E+01	-0.43017E+00	0.52425E+01
48	-0.44736E-01	-0.48781E+00	-0.17751E+00	-0.41267E+01	-0.37969E+00	0.53142E+01
49	0.54974E+00	-0.37506E+00	-0.11039E+00	-0.40737E+01	-0.13464E+01	0.57486E+01
50	0.35321E+01	0.69166E+00	0.12399E+01	-0.35274E+01	-0.35112E+01	0.37036E+01
51	0.49991E+00	0.24008E+00	0.45621E+00	-0.17385E+00	-0.42423E+00	0.10075E+01
52	0.12557E+01	0.47600E-02	0.42409E+00	0.11862E+01	-0.19722E+01	-0.63982E+01
53	0.13552E+01	-0.57978E+00	-0.69567E+00	-0.31634E+01	-0.18725E+01	0.31127E+01
54	0.33164E+00	0.21138E+00	0.54407E-02	-0.47388E+01	-0.25738E+00	0.34560E+01

000524

6622

5629

55	0.72956E+00	0.83179E-01	-0.35289E+00	-0.44962E+01	-0.70950E+00	0.33367E+01
56	0.17697E+01	0.28932E-01	-0.12539E+01	-0.39456E+01	-0.19610E+01	0.29687E+01
57	0.13615E+01	0.10651E-01	-0.78140E+00	-0.35128E+01	-0.14236E+01	0.27734E+01
58	0.14713E+01	-0.34607E-01	-0.96662E+00	-0.29270E+01	-0.16971E+01	0.24567E+01
59	0.24793E-01	0.15913E+00	-0.97146E-01	-0.45914E+01	0.60970E-01	0.28879E+01
60	0.84427E+00	0.68893E+00	0.22636E+00	-0.42913E+01	-0.44261E+00	0.19170E+01
61	0.59758E+00	0.49006E+00	-0.24168E-01	-0.42649E+01	-0.35907E+00	0.19146E+01
62	0.30326E+00	0.62916E+00	0.12904E+00	-0.40620E+01	0.87120E-01	0.10459E+01
63	0.83338E+00	0.38795E+00	-0.37575E+00	-0.41427E+01	-0.57509E+00	0.23672E+01
64	0.93735E+00	0.77233E+00	-0.29064E+00	-0.37399E+01	-0.47858E+00	0.13489E+01
65	0.17984E+01	0.22968E+00	-0.15330E+01	-0.37889E+01	-0.15499E+01	0.24337E+01
66	0.22694E+01	0.50029E+00	-0.16286E+01	-0.33621E+01	-0.17167E+01	0.16859E+01
67	0.17683E+01	0.93303E+00	-0.17129E+01	-0.28733E+01	-0.12698E+01	0.66787E+00
68	0.16914E+01	0.27235E+00	-0.91298E+00	-0.32333E+01	-0.12781E+01	0.22141E+01
69	0.14522E+01	0.45518E+00	-0.97347E+00	-0.30694E+01	-0.95325E+00	0.14213E+01
70	0.21945E+01	0.79535E+00	-0.74308E+00	-0.26174E+01	-0.11400E+01	0.76164E+00
71	0.18268E+01	0.28223E+00	-0.11060E+01	-0.27769E+01	-0.13540E+01	0.16821E+01
72	0.20620E+01	0.49049E+00	-0.11317E+01	-0.25026E+01	-0.11501E+01	0.10302E+01
73	0.40471E+00	0.37845E+00	-0.28891E-01	-0.34436E+01	-0.85649E-01	-0.33772E+00
74	0.68899E+00	0.34776E+00	-0.56568E+00	-0.30549E+01	-0.23164E+00	-0.25334E+00
75	0.15951E+01	0.35959E+00	-0.19239E+01	-0.25226E+01	-0.61276E+00	-0.12138E+00
76	0.17441E+01	0.49545E+00	-0.10425E+01	-0.28206E+01	-0.51629E+00	0.76699E+00
77	0.13020E+01	0.68450E+00	-0.97715E+00	-0.18736E+01	-0.34863E+00	-0.34903E+00
78	0.10791E+01	-0.12457E+00	-0.13905E+01	-0.14380E+01	-0.34040E+00	-0.29511E+00
79	0.21336E+01	0.57410E+00	-0.10305E+01	-0.19642E+01	-0.56505E+00	0.26514E+00
80	0.23964E+01	0.70793E+00	-0.76353E+00	-0.13574E+01	-0.23318E+00	-0.27617E+00
81	0.13118E+01	0.30639E+00	-0.12397E+01	-0.77844E+00	-0.29945E+00	-0.20983E+00
82	0.13824E+01	0.39670E-01	-0.12832E+01	-0.63075E+00	-0.24807E+00	-0.31322E-01
83	0.21257E+01	0.36762E+00	-0.18999E+01	-0.12170E+01	-0.20031E+00	0.23315E-01
84	0.26129E+01	0.64956E+00	-0.94986E+00	-0.13013E+01	-0.61119E+00	-0.53833E-01
85	0.29496E+01	0.44973E+00	-0.10593E+01	-0.19293E+01	-0.79706E+00	0.72622E+00
86	0.29089E+01	0.49506E+00	-0.12063E+01	-0.15449E+01	-0.74389E+00	0.54894E+00
87	0.20684E+01	0.40963E+00	-0.13969E+01	-0.19170E+01	-0.11523E+01	0.46135E+00
88	0.21795E+01	0.27725E+00	-0.12408E+01	-0.21074E+01	-0.15762E+01	0.14016E+01
89	0.23602E+01	0.33376E+00	-0.12350E+01	-0.18602E+01	-0.16649E+01	0.13447E+01
90	0.25654E+01	0.26665E+00	-0.14338E+01	-0.12892E+01	-0.17238E+01	0.55567E+00
91	0.28335E+01	0.63129E+00	-0.10763E+01	-0.12587E+01	-0.18552E+01	0.10613E+01
92	0.27575E+01	0.55345E+00	-0.11886E+01	-0.98380E+00	-0.18371E+01	0.81975E+00
93	0.16199E+01	-0.88095E+00	-0.71400E+00	-0.22778E+01	-0.21568E+01	0.24662E+01
94	0.18552E+01	0.96901E-01	-0.51159E+00	-0.22385E+01	-0.19706E+01	0.23205E+01
95	0.11926E+01	0.52756E+00	-0.50553E+00	-0.16033E+01	-0.19897E+01	0.17945E+01
96	0.15283E+01	0.30546E-01	-0.10612E+01	-0.22884E+01	-0.18517E+01	0.18532E+01
97	0.10011E+01	0.27583E+00	-0.73250E+00	-0.18646E+01	-0.19720E+01	0.15624E+01
98	0.13136E+01	0.26103E+00	-0.10615E+01	-0.15285E+01	-0.18623E+01	0.14248E+01
99	0.13590E+01	-0.17471E+00	-0.15049E+01	-0.17993E+01	-0.17501E+01	0.13780E+01
100	0.10609E+01	-0.14623E+00	-0.13977E+01	-0.13035E+01	-0.18406E+01	0.11325E+01
101	0.13654E+01	0.14864E+00	-0.10431E+01	-0.99572E+00	-0.18856E+01	0.92193E+00
102	0.10229E+01	-0.16670E+00	-0.17344E+01	-0.10375E+01	-0.17653E+01	0.92832E+00
103	0.65815E+00	0.11024E+00	-0.13403E+01	-0.31235E+00	-0.17591E+01	0.52563E+00
104	0.78646E+00	0.29942E+00	-0.12087E+01	-0.12032E+01	-0.17608E+01	0.46642E+00
105	0.16651E+01	-0.22292E+00	-0.21029E+00	-0.20442E+01	-0.25923E+01	0.22073E+01
106	0.26494E+01	0.14068E+01	0.14903E+01	-0.16151E+00	-0.27229E+01	0.11251E+01
107	0.20160E+01	0.96256E+00	0.91881E+00	-0.10744E+01	-0.26361E+01	0.15307E+01
108	0.15947E+01	0.83447E+00	0.64747E+00	-0.11101E+01	-0.25640E+01	0.15566E+01
109	0.13226E+01	0.54056E+00	0.56453E+00	-0.45662E+00	-0.25857E+01	0.11293E+01
110	-0.93365E-01	-0.48191E+00	-0.60460E+00	-0.16148E+01	-0.24237E+01	0.16652E+01
111	-0.74119E+00	-0.70093E+00	-0.75667E+00	-0.11578E+01	-0.23470E+01	0.97246E+00
112	-0.77278E+00	-0.72659E+00	-0.80998E+00	-0.17998E+01	-0.23361E+01	0.96512E+00
113	-0.93747E+00	-0.61361E+00	-0.12284E+01	-0.18703E+01	-0.20515E+01	0.18164E+01
114	-0.11537E+01	-0.96359E+00	-0.11102E+01	-0.15871E+01	-0.20283E+01	0.94211E+00

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115	-0.12313E+01	-0.10050E+01	-0.12628E+01	-0.27663E+01	-0.19909E+01	0.91713E+00
116	-0.56339E+00	-0.53819E+00	-0.12031E+01	-0.20974E+01	-0.16817E+01	0.15841E+01
117	-0.21051E+00	-0.39740E+00	-0.81461E+00	-0.22851E+01	-0.15671E+01	0.85760E+00
118	-0.29923E+00	-0.44370E+00	-0.99012E+00	-0.19471E+01	-0.15237E+01	0.79681E+00
119	-0.17963E+00	-0.52194E+00	-0.12466E+01	-0.15871E+01	-0.13231E+01	0.12024E+01
120	0.60554E-01	-0.24032E+00	-0.90376E+00	-0.15777E+01	-0.12467E+01	0.71075E+00
121	0.13880E-02	-0.27503E+00	-0.10170E+01	-0.13014E+01	-0.12197E+01	0.62830E+00
122	-0.30243E+00	-0.70431E+00	-0.15077E+01	-0.12196E+01	-0.10651E+01	0.95879E+00
123	-0.33177E+00	-0.48877E+00	-0.13215E+01	-0.96178E+00	-0.99506E+00	0.52334E+00
124	-0.36259E+00	-0.50931E+00	-0.13780E+01	-0.66864E+00	-0.98222E+00	0.42616E+00
125	-0.70068E-01	-0.14772E+00	-0.12570E+01	-0.50900E+00	-0.89747E+00	0.55598E+00
126	-0.48483E+00	-0.58948E+00	-0.14795E+01	-0.27933E+00	-0.87410E+00	0.29254E+00
127	-0.48672E+00	-0.59153E+00	-0.14821E+01	0.18667E-02	-0.87371E+00	0.21981E+00
128	-0.84020E+00	-0.65332E+00	-0.17008E+01	-0.13194E+00	-0.77727E+00	0.34454E+00
129	-0.17306E+01	-0.13700E+01	-0.22657E+01	0.17164E+00	-0.68255E+00	0.97110E-01
163	0.21245E+01	-0.39755E+00	-0.75498E-01	-0.32990E+01	-0.27326E+01	0.37003E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.33656E+00	0.22437E+01	-0.19072E+01	-0.49248E+02	-0.68185E+01	0.20259E+02
131	-0.19893E-01	-0.13262E+00	0.11272E+00	-0.12709E+03	-0.19008E+02	0.54272E+02
132	0.80665E-01	0.53777E+00	-0.45710E+00	-0.21392E+03	-0.29598E+02	0.95060E+02
133	0.76784E-02	0.51189E-01	-0.43511E-01	-0.31168E+03	-0.39069E+02	0.14253E+03
134	0.38782E-01	0.25855E+00	-0.21977E+00	-0.42285E+03	-0.46574E+02	0.20314E+03
135	0.16627E+00	0.11085E+01	-0.94222E+00	-0.50500E+03	-0.48705E+02	0.26036E+03
136	0.70951E-02	0.47300E-01	-0.40205E-01	-0.57504E+03	-0.51522E+02	0.30270E+03
137	-0.37831E-01	-0.38554E+00	0.32771E+00	-0.57131E+03	-0.44068E+02	0.32041E+03
138	0.54032E+00	0.36021E+01	-0.26889E+01	-0.59077E+03	-0.18059E+02	0.34923E+03
139	0.93374E-01	0.62249E+00	0.68702E+00	-0.57878E+03	0.38526E+02	0.36515E+03
140	-0.94233E+00	-0.62822E+01	0.53399E+01	-0.73550E+03	0.47114E+02	0.41814E+03
141	-0.92546E+00	-0.61697E+01	0.52443E+01	-0.74152E+03	0.51987E+02	0.44465E+03
142	-0.10831E+01	-0.72203E+01	0.61377E+01	-0.77997E+03	0.50482E+02	0.47710E+03
143	-0.11140E+01	-0.74269E+01	0.63129E+01	0.27326E+03	0.20580E+03	-0.56032E+03
144	-0.11752E+01	-0.78346E+01	0.66594E+01	0.26520E+03	0.18838E+03	-0.54210E+03
145	0.34513E+00	0.23008E+01	-0.63703E+01	-0.10405E+03	0.12898E+03	-0.10634E+04
146	0.15534E+00	0.10356E+01	-0.46832E+01	-0.14432E+03	0.98215E+02	-0.87633E+03
147	0.16857E+00	0.11238E+01	-0.46510E+01	-0.13679E+03	0.10956E+03	-0.86662E+03
148	0.18394E+00	0.12262E+01	0.13637E+01	-0.12972E+03	0.12247E+03	-0.86801E+03
149	0.20168E+00	0.13446E+01	0.13074E+01	-0.11618E+03	0.13820E+03	-0.88064E+03
150	0.24399E+00	0.16266E+01	0.50559E+00	-0.71848E+02	0.16473E+03	-0.85948E+03
151	0.29492E+00	0.19661E+01	0.21258E+02	-0.46537E+02	0.19125E+03	-0.87739E+03
152	0.24145E+00	0.16097E+01	0.38128E+02	-0.45732E+02	0.15543E+03	-0.87113E+03
153	0.15970E+00	0.10647E+01	0.35774E+02	-0.27390E+02	0.10326E+03	-0.85241E+03
154	-0.24842E-01	-0.16561E+00	0.64854E+02	-0.81341E+01	-0.17918E+02	-0.83007E+03
155	-0.28982E+00	-0.19322E+01	0.53539E+02	-0.20329E+02	-0.19786E+03	-0.77818E+03
156	-0.50348E+00	-0.33565E+01	0.45220E+02	0.25399E+01	-0.33805E+03	-0.72323E+03
157	-0.67367E+00	-0.44911E+01	0.36123E+02	0.38282E+01	-0.45225E+03	-0.64377E+03
158	-0.80669E+00	-0.53780E+01	0.29599E+02	0.15989E+02	-0.53984E+03	-0.57090E+03
159	-0.90493E+00	-0.60328E+01	0.20994E+02	0.37127E+02	-0.60270E+03	-0.47576E+03
160	-0.96815E+00	-0.64544E+01	0.14153E+02	0.41480E+02	-0.64455E+03	-0.38724E+03
161	-0.11021E+01	-0.73473E+01	0.65864E+01	0.46855E+02	-0.68674E+03	-0.27878E+03
162	-0.11245E+01	-0.74966E+01	-0.86332E+00	0.44415E+02	-0.65766E+03	-0.20085E+03
163	-0.12825E+01	-0.85498E+01	-0.26156E+01	0.49740E+02	-0.75020E+03	-0.14565E+03
164	-0.12604E+01	-0.84026E+01	-0.36449E+01	0.82766E+02	-0.73220E+03	-0.11001E+03

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165	-0.71820E+03	-0.10605E+03	-0.28454E+01	-0.39782E+02	-0.74190E+03	-0.91007E+02
166	-0.58584E+03	-0.79340E+02	-0.98635E+01	-0.29811E+02	-0.68868E+03	-0.81669E+02
167	-0.46625E+03	-0.58773E+02	-0.11706E+02	-0.23958E+02	-0.58750E+03	-0.73970E+02
168	-0.35728E+03	-0.42807E+02	-0.11268E+02	-0.18098E+02	-0.48389E+03	-0.67459E+02
169	-0.22837E+03	-0.21297E+02	-0.13159E+02	-0.12664E+02	-0.41379E+03	-0.60180E+02
170	-0.10017E+03	0.22586E+01	-0.17257E+02	-0.65243E+01	-0.36853E+03	-0.51884E+02
171	0.29875E+02	0.24615E+02	-0.19588E+02	0.16765E+01	-0.28634E+03	-0.40413E+02
172	0.10663E+03	0.34656E+02	-0.17769E+02	0.99876E+01	-0.17844E+03	-0.28346E+02
173	0.10767E+03	0.27985E+02	-0.11014E+02	0.14625E+02	-0.84616E+02	-0.20406E+02
174	0.64041E+02	0.13543E+02	-0.34958E+01	0.15613E+02	-0.18377E+02	-0.15810E+02
175	0.14992E+02	0.14176E+01	0.84101E+00	0.12196E+02	-0.30199E+01	-0.14859E+02
176	-0.25030E+01	-0.16204E+01	0.11566E+01	0.88091E+01	-0.12372E+02	-0.14646E+02
177	-0.39319E+01	-0.11580E+01	0.52073E+00	0.61913E+01	-0.18067E+02	-0.12321E+02
178	-0.12333E+01	-0.19361E+00	0.15306E-01	0.43214E+01	-0.14344E+02	-0.89350E+01
179	0.25982E+00	0.10939E+00	-0.55636E-01	0.33677E+01	-0.10210E+02	-0.63149E+01
180	0.27193E-01	0.61482E-01	-0.47601E-01	0.23647E+01	-0.59357E+01	-0.38166E+01
181	0.11880E+00	0.99300E-01	-0.68001E-01	0.15182E+01	-0.26856E+01	-0.13783E+01
182	-0.41561E+00	-0.19301E+00	0.11363E+00	0.39336E+00	0.53537E+00	-0.16289E-01

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5692

000527

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6800E+01 (FOR FOURIER TERM, NUMBER 1)

52A

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.77874E-01	-0.10928E-03	-0.78260E-01	0.00000E+00
3	0.14661E+00	0.16332E-03	-0.14666E+00	0.00000E+00
4	0.16436E+00	0.22799E-03	-0.16417E+00	0.00000E+00
5	0.18911E+00	0.12289E-04	-0.18909E+00	0.00000E+00
6	0.20617E+00	0.11206E-04	-0.20618E+00	0.00000E+00
7	0.18938E+00	0.15128E-02	-0.18939E+00	0.00000E+00
8	0.20669E+00	0.12026E-02	-0.20679E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.76595E-01	0.84436E-03	-0.76385E-01	0.00000E+00
11	0.14501E+00	0.19609E-02	-0.14490E+00	0.00000E+00
12	0.16347E+00	0.23746E-02	-0.16348E+00	0.00000E+00
13	0.18969E+00	0.22125E-02	-0.18970E+00	0.00000E+00
14	0.20795E+00	0.18207E-02	-0.20840E+00	0.00000E+00
15	0.19084E+00	0.36997E-02	-0.19185E+00	0.00000E+00
16	0.21006E+00	0.28345E-02	-0.21119E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.74881E-01	0.14342E-02	-0.75568E-01	0.00000E+00
19	0.14377E+00	0.34949E-02	-0.14481E+00	0.00000E+00
20	0.16347E+00	0.43288E-02	-0.16453E+00	0.00000E+00
21	0.19201E+00	0.41414E-02	-0.19352E+00	0.00000E+00
22	0.21313E+00	0.33900E-02	-0.21530E+00	0.00000E+00
23	0.19365E+00	0.54911E-02	-0.19612E+00	0.00000E+00
24	0.21727E+00	0.39683E-02	-0.22105E+00	0.00000E+00
25	0.21973E+00	0.49624E-02	-0.22467E+00	0.00000E+00
26	0.22121E+00	0.50185E-02	-0.22686E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.72421E-01	0.11473E-02	-0.72138E-01	0.00000E+00
29	0.14098E+00	0.32690E-02	-0.14044E+00	0.00000E+00
30	0.16205E+00	0.45064E-02	-0.16183E+00	0.00000E+00
31	0.19432E+00	0.54396E-02	-0.19719E+00	0.00000E+00
32	0.22269E+00	0.48044E-02	-0.22918E+00	0.00000E+00
33	0.19425E+00	0.55167E-02	-0.19685E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.71610E-01	0.72093E-03	-0.70210E-01	0.00000E+00
36	0.13980E+00	0.23069E-02	-0.13720E+00	0.00000E+00
37	0.16093E+00	0.31935E-02	-0.15810E+00	0.00000E+00
38	0.19410E+00	0.44424E-02	-0.19567E+00	0.00000E+00
39	0.22458E+00	0.52112E-02	-0.23257E+00	0.00000E+00
40	0.22420E+00	0.51977E-02	-0.23184E+00	0.00000E+00
41	0.22382E+00	0.51816E-02	-0.23115E+00	0.00000E+00
42	0.22341E+00	0.51411E-02	-0.23034E+00	0.00000E+00
43	0.15847E+00	0.10126E-02	-0.14715E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.68226E-01	-0.34056E-03	-0.59626E-01	0.00000E+00
46	0.13413E+00	-0.26662E-03	-0.11645E+00	0.00000E+00
47	0.22468E+00	0.52111E-02	-0.23268E+00	0.00000E+00
48	0.22471E+00	0.52117E-02	-0.23281E+00	0.00000E+00
49	0.19398E+00	0.40741E-02	-0.19491E+00	0.00000E+00
50	0.22485E+00	0.52609E-02	-0.23357E+00	0.00000E+00
51	0.19090E+00	0.20026E-02	-0.17948E+00	0.00000E+00
52	0.21960E+00	0.57230E-02	-0.20942E+00	0.00000E+00
53	0.22457E+00	0.51948E-02	-0.23227E+00	0.00000E+00
54	0.15428E+00	0.32963E-03	-0.13394E+00	0.00000E+00
55	0.15565E+00	0.15585E-02	-0.16204E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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525

57	0.64065E-01	-0.15449E-02	-0.46207E-01	0.00000E+00
58	0.12613E+00	-0.19336E-02	-0.92261E-01	0.00000E+00
59	0.21139E+00	0.33905E-02	-0.18574E+00	0.00000E+00
60	0.21734E+00	0.51275E-02	-0.20215E+00	0.00000E+00
61	0.22489E+00	0.53003E-02	-0.23401E+00	0.00000E+00
62	0.14514E+00	-0.23056E-02	-0.10577E+00	0.00000E+00
63	0.17319E+00	-0.19627E-02	-0.12642E+00	0.00000E+00
64	0.22098E+00	0.57962E-02	-0.21099E+00	0.00000E+00
65	0.22494E+00	0.53383E-02	-0.23644E+00	0.00000E+00
66	0.22527E+00	0.54123E-02	-0.23531E+00	0.00000E+00
67	0.22561E+00	0.54824E-02	-0.23619E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.60582E-01	-0.19469E-02	-0.34513E-01	0.00000E+00
70	0.11715E+00	-0.43267E-02	-0.67711E-01	0.00000E+00
71	0.19389E+00	-0.15122E-02	-0.14594E+00	0.00000E+00
72	0.22144E+00	0.59056E-02	-0.20626E+00	0.00000E+00
73	0.16033E+00	-0.53392E-02	-0.93254E-01	0.00000E+00
74	0.22871E+00	0.62826E-02	-0.21292E+00	0.00000E+00
75	0.22589E+00	0.55321E-02	-0.23702E+00	0.00000E+00
76	0.22770E+00	0.56094E-02	-0.23852E+00	0.00000E+00
77	0.18310E+00	-0.48928E-02	-0.10659E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.57562E-01	-0.28548E-02	-0.23502E-01	0.00000E+00
80	0.10879E+00	-0.59057E-02	-0.44110E-01	0.00000E+00
81	0.12324E+00	-0.74666E-02	-0.50071E-01	0.00000E+00
82	0.14566E+00	-0.76773E-02	-0.60030E-01	0.00000E+00
83	0.22214E+00	-0.34738E-03	-0.16472E+00	0.00000E+00
84	0.19150E+00	-0.63443E-02	-0.90370E-01	0.00000E+00
85	0.23152E+00	0.57084E-02	-0.24049E+00	0.00000E+00
86	0.23683E+00	0.60603E-02	-0.22083E+00	0.00000E+00
87	0.16629E+00	-0.77475E-02	-0.70062E-01	0.00000E+00
88	0.23178E+00	0.32071E-02	-0.19393E+00	0.00000E+00
89	0.23497E+00	0.57314E-02	-0.24242E+00	0.00000E+00
90	0.11891E+00	-0.49722E-02	-0.13820E-01	0.00000E+00
91	0.12938E+00	-0.46031E-02	-0.13824E-01	0.00000E+00
92	0.13663E+00	-0.40747E-02	-0.15072E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.41619E-01	0.00000E+00	0.12522E-01	0.00000E+00
95	0.77174E-01	0.00000E+00	0.21589E-01	0.00000E+00
96	0.85671E-01	0.00000E+00	0.23639E-01	0.00000E+00
97	0.96578E-01	0.00000E+00	0.23647E-01	0.00000E+00
98	0.10069E+00	0.00000E+00	0.23126E-01	0.00000E+00
99	0.11371E+00	-0.30709E-02	0.40740E-02	0.00000E+00
100	0.14887E+00	-0.45234E-02	-0.27244E-01	0.00000E+00
101	0.21131E+00	-0.42574E-02	-0.99617E-01	0.00000E+00
102	0.24405E+00	0.53356E-02	-0.24522E+00	0.00000E+00
103	0.23581E+00	0.46925E-03	-0.17475E+00	0.00000E+00
104	0.25071E+00	0.59425E-02	-0.23112E+00	0.00000E+00
105	0.25167E+00	0.58718E-02	-0.24783E+00	0.00000E+00
106	0.24543E+00	0.12599E-02	-0.18227E+00	0.00000E+00
107	0.26136E+00	0.61628E-02	-0.23878E+00	0.00000E+00
108	0.25821E+00	0.58413E-02	-0.25022E+00	0.00000E+00
109	0.26351E+00	0.57854E-02	-0.25233E+00	0.00000E+00
110	0.25680E+00	0.26594E-02	-0.19172E+00	0.00000E+00
111	0.26947E+00	0.65471E-02	-0.24467E+00	0.00000E+00
112	0.26793E+00	0.56906E-02	-0.25415E+00	0.00000E+00
113	0.26433E+00	0.29827E-02	-0.20430E+00	0.00000E+00
114	0.27113E+00	0.55507E-02	-0.25562E+00	0.00000E+00
115	0.27339E+00	0.53934E-02	-0.25675E+00	0.00000E+00
116	0.27446E+00	0.52268E-02	-0.25746E+00	0.00000E+00

117	0.27239E+00	0.61450E-02	-0.24763E+00	0.00000E+00
118	0.27450E+00	0.51437E-02	-0.25768E+00	0.00000E+00
119	0.27440E+00	0.49982E-02	-0.25783E+00	0.00000E+00
120	0.27516E+00	0.55022E-02	-0.25024E+00	0.00000E+00
121	0.27414E+00	0.47910E-02	-0.25790E+00	0.00000E+00
122	0.27412E+00	0.46088E-02	-0.25821E+00	0.45270E-04
123	0.27398E+00	0.42114E-02	-0.25846E+00	0.82679E-04
124	0.27374E+00	0.35632E-02	-0.25870E+00	0.12835E-03
125	0.27330E+00	0.25956E-02	-0.25895E+00	0.18749E-03
126	0.27219E+00	0.23556E-03	-0.25936E+00	0.27178E-03
127	0.27079E+00	-0.27225E-02	-0.25976E+00	0.30940E-03
128	0.26776E+00	-0.95180E-02	-0.26057E+00	0.28779E-03
129	0.26546E+00	-0.15023E-01	-0.26131E+00	0.20612E-03
130	0.26399E+00	-0.18879E-01	-0.26212E+00	0.92964E-04
131	0.26386E+00	-0.19495E-01	-0.26335E+00	-0.45030E-04
132	0.26499E+00	-0.16019E-01	-0.26445E+00	-0.94908E-04
133	0.26613E+00	-0.11905E-01	-0.26543E+00	-0.83236E-04
134	0.26682E+00	-0.88561E-02	-0.26624E+00	-0.57338E-04
135	0.26722E+00	-0.67100E-02	-0.26688E+00	-0.45324E-04
136	0.26751E+00	-0.46581E-02	-0.26735E+00	-0.48177E-04
137	0.26768E+00	-0.25857E-02	-0.26764E+00	-0.48121E-04
138	0.26780E+00	-0.39009E-03	-0.26780E+00	-0.49955E-04
139	0.26780E+00	-0.48140E-04	-0.26780E+00	-0.48214E-04

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5692

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6800E+01

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.14041E+00	0.47156E-01	-0.56126E-01	0.94762E+01	0.79343E-01	-0.94736E+01
2	-0.33652E+00	0.53377E-01	-0.12430E+00	0.84869E+01	0.14279E+00	-0.84758E+01
3	-0.50602E+00	0.49231E-01	-0.37419E-01	0.69389E+01	0.16823E+00	-0.69797E+01
4	0.23910E+00	0.50022E-01	0.21310E+00	0.56338E+01	-0.88149E-01	-0.57161E+01
5	-0.25911E+00	-0.69094E-02	-0.78879E-01	0.57104E+01	0.52542E-01	-0.57861E+01
6	0.19820E+00	0.13545E-01	0.81498E-01	0.58030E+01	-0.55224E-01	-0.59012E+01
7	0.24174E+00	0.25619E-01	0.81221E-01	0.40955E+01	-0.73005E-01	-0.41091E+01
8	0.47244E+00	0.39773E-01	0.15265E+00	0.41047E+01	-0.15685E+00	-0.42434E+01
9	0.14002E+00	0.54941E+00	0.25878E+00	0.92794E+01	0.37283E-01	-0.93150E+01
10	0.28469E-01	0.64272E+00	0.21877E+00	0.84723E+01	0.52292E-01	-0.85168E+01
11	-0.65457E-01	0.58192E+00	0.22925E-01	0.72609E+01	-0.22505E-01	-0.73315E+01
12	0.10003E+01	0.51451E+00	0.53186E+00	0.59501E+01	-0.36155E+00	-0.58946E+01
13	0.13243E+00	0.25404E+00	0.49861E-01	0.61078E+01	-0.52638E-01	-0.62420E+01
14	0.66580E+00	0.36351E+00	0.32721E+00	0.62643E+01	-0.24324E+00	-0.64823E+01
15	0.10182E+01	0.14690E+00	0.35516E+00	0.44256E+01	-0.39866E+00	-0.44535E+01
16	0.12674E+01	0.14105E+00	0.35346E+00	0.46108E+01	-0.44746E+00	-0.47890E+01
17	0.62715E-01	0.56359E+00	0.24192E+00	0.89910E+01	0.13228E+00	-0.90461E+01
18	-0.19266E+00	0.71433E+00	0.18938E+00	0.83804E+01	0.30066E+00	-0.84769E+01
19	-0.57077E+00	0.82292E+00	0.22696E-01	0.74699E+01	0.55293E+00	-0.77727E+01
20	0.13486E+01	0.67051E+00	0.61191E+00	0.64282E+01	-0.39952E+00	-0.64764E+01
21	0.16968E-01	0.73465E+00	0.18977E+00	0.67097E+01	0.28002E+00	-0.73065E+01
22	0.12864E+01	0.14595E+01	0.94708E+00	0.69828E+01	-0.13338E+00	-0.78254E+01
23	0.17201E+01	0.16468E+00	0.47510E+00	0.51863E+01	-0.65418E+00	-0.54046E+01
24	0.34437E+01	0.98779E+00	0.14100E+01	0.56500E+01	-0.11772E+01	-0.57551E+01
25	0.16389E+01	0.56212E+00	0.51935E+00	0.58792E+01	-0.52034E+00	-0.65988E+01
26	0.48560E+01	0.25798E+01	0.25602E+01	0.62111E+01	-0.14372E+01	-0.73259E+01
27	-0.84933E-01	0.33746E+00	0.12937E+00	0.87509E+01	0.22043E+00	-0.87105E+01
28	-0.40328E+00	0.52509E+00	0.12997E+00	0.81911E+01	0.58895E+00	-0.83130E+01
29	-0.13276E+01	0.65039E+00	0.20713E-01	0.71920E+01	0.15925E+01	-0.79106E+01
30	0.37850E+00	0.85767E+00	0.35034E+00	0.70336E+01	0.23070E+00	-0.78136E+01
31	-0.41716E+00	0.95194E+00	0.22588E+00	0.67328E+01	-0.10502E+01	-0.81373E+01
32	0.50527E+00	0.12234E+01	0.65661E+00	0.65531E+01	0.71307E+00	-0.82624E+01
33	0.36842E+01	0.19489E+01	0.18652E+01	0.66142E+01	-0.81017E+00	-0.77242E+01
34	0.88259E+01	0.54004E+01	0.52398E+01	0.71491E+01	-0.20927E+01	-0.84064E+01
35	0.17059E+01	0.64845E+00	0.47986E+00	0.71376E+01	-0.65136E+00	-0.84045E+01
36	-0.75445E+00	-0.47343E+00	-0.79683E+00	0.65930E+01	0.80993E+00	-0.87043E+01
37	0.28163E+01	0.22859E+01	0.16029E+01	0.73533E+01	-0.70269E+00	-0.90171E+01
38	-0.42084E+00	-0.13741E+00	-0.85402E-01	0.85035E+01	0.32151E+00	-0.79363E+01
39	-0.90130E+00	-0.63929E-01	0.31408E-01	0.80674E+01	0.94862E+00	-0.75786E+01
40	-0.15634E+01	0.46688E+00	0.30222E+00	0.71345E+01	0.28261E+01	-0.77551E+01
41	-0.21647E+01	-0.57999E+00	0.25545E+00	0.75226E+01	0.24929E+01	-0.74903E+01
42	-0.28941E+01	-0.10793E+00	0.63951E+00	0.71956E+01	0.31096E+01	-0.64242E+01
43	-0.10599E+01	0.46324E-01	-0.19370E+00	0.67728E+01	0.16237E+01	-0.83152E+01
44	-0.17906E+01	-0.24302E+00	-0.31857E+00	0.66508E+01	0.26277E+01	-0.70640E+01
45	-0.29837E+01	-0.81599E+00	-0.55790E+00	0.69539E+01	0.25458E+01	-0.70405E+01
46	-0.15303E+01	0.39013E+00	0.64191E+00	0.66849E+01	0.17954E+01	-0.61089E+01
47	0.71948E+00	0.10347E+01	0.35116E+00	0.69717E+01	0.57676E+00	-0.91164E+01
48	-0.24223E+00	0.54821E+00	-0.30323E+00	0.73880E+01	0.62250E+00	-0.92237E+01
49	-0.11318E+01	0.45836E+00	-0.36304E+00	0.72562E+01	0.20797E+01	-0.98793E+01
50	-0.65995E+01	-0.15637E+01	-0.29522E+01	0.62524E+01	0.55358E+01	-0.65891E+01
51	-0.11910E+01	-0.73497E+00	-0.13920E+01	0.30590E+00	0.69249E+00	-0.17833E+01
52	-0.27220E+01	-0.61076E+00	-0.15885E+01	-0.20693E+01	0.30859E+01	0.96896E+01
53	-0.25949E+01	0.73417E+00	0.40081E+00	0.56221E+01	0.28591E+01	-0.56595E+01
54	-0.99254E+00	-0.92928E+00	-0.48282E+00	0.80367E+01	0.38983E+00	-0.64599E+01

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55	-0.15240E+01	-0.65800E+00	-0.29200E-01	0.77111E+01	0.10777E+01	-0.62709E+01
56	-0.30489E+01	-0.45261E+00	0.11840E+01	0.68632E+01	0.29800E+01	-0.56501E+01
57	-0.25609E+01	-0.34795E+00	0.49905E+00	0.61708E+01	0.21699E+01	-0.52708E+01
58	-0.27805E+01	-0.12274E+00	0.74279E+00	0.52083E+01	0.25875E+01	-0.46888E+01
59	-0.49126E+00	-0.89334E+00	-0.33480E+00	0.78301E+01	-0.78227E-01	-0.56404E+01
60	-0.17546E+01	-0.17197E+01	-0.87900E+00	0.73823E+01	0.68983E+00	-0.41790E+01
61	-0.13841E+01	-0.14171E+01	-0.49298E+00	0.73379E+01	0.56871E+00	-0.41760E+01
62	-0.91393E+00	-0.16118E+01	-0.67307E+00	0.70353E+01	-0.12043E+00	-0.28624E+01
63	-0.17676E+01	-0.11800E+01	-0.40749E-01	0.71507E+01	0.92976E+00	-0.48239E+01
64	-0.19347E+01	-0.17640E+01	-0.15216E+00	0.64963E+01	0.78775E+00	-0.32595E+01
65	-0.32015E+01	-0.84060E+00	0.15818E+01	0.66195E+01	0.25259E+01	-0.48784E+01
66	-0.40265E+01	-0.12251E+01	0.17205E+01	0.58696E+01	0.28170E+01	-0.36333E+01
67	-0.31626E+01	-0.18554E+01	0.19581E+01	0.50669E+01	0.21371E+01	-0.20607E+01
68	-0.32136E+01	-0.83724E+00	0.60052E+00	0.57845E+01	0.20816E+01	-0.44253E+01
69	-0.27633E+01	-0.10618E+01	0.79580E+00	0.54408E+01	0.15830E+01	-0.32522E+01
70	-0.40374E+01	-0.15853E+01	0.39379E+00	0.46548E+01	0.19355E+01	-0.20722E+01
71	-0.33916E+01	-0.71410E+00	0.92617E+00	0.49583E+01	0.22254E+01	-0.35078E+01
72	-0.38407E+01	-0.10311E+01	0.97767E+00	0.44762E+01	0.19774E+01	-0.24492E+01
73	-0.87676E+00	-0.93339E+00	-0.23552E+00	0.60872E+01	0.15390E+00	-0.67758E+00
74	-0.13674E+01	-0.86837E+00	0.50160E+00	0.53837E+01	0.43209E+00	-0.67568E+00
75	-0.28110E+01	-0.84656E+00	0.24692E+01	0.44522E+01	0.11841E+01	-0.66398E+00
76	-0.32339E+01	-0.10569E+01	0.96110E+00	0.49746E+01	0.10391E+01	-0.20844E+01
77	-0.23640E+01	-0.12738E+01	0.10609E+01	0.32936E+01	0.69862E+00	-0.92049E-01
78	-0.21515E+01	-0.21607E+00	0.16113E+01	0.25787E+01	0.70987E+00	0.15187E-01
79	-0.39158E+01	-0.10925E+01	0.95773E+00	0.34966E+01	0.11622E+01	-0.10215E+01
80	-0.42937E+01	-0.12321E+01	0.65365E+00	0.24111E+01	0.63439E+00	0.37345E-01
81	-0.22979E+01	-0.54690E+00	0.15763E+01	0.13542E+01	0.65422E+00	0.10066E+00
82	-0.25255E+01	-0.40411E+00	0.15153E+01	0.11415E+01	0.59218E+00	-0.10463E+00
83	-0.38275E+01	-0.63232E+00	0.12194E+01	0.21555E+01	0.58461E+00	-0.31120E+00
84	-0.47220E+01	-0.11500E+01	0.84557E+00	0.23454E+01	0.12839E+01	-0.23940E+00
85	-0.54118E+01	-0.90121E+00	0.84441E+00	0.34419E+01	0.16460E+01	-0.16500E+01
86	-0.52939E+01	-0.87935E+00	0.11173E+01	0.27636E+01	0.15685E+01	-0.11942E+01
87	-0.37614E+01	-0.68754E+00	0.14789E+01	0.34677E+01	0.20021E+01	-0.13995E+01
88	-0.40092E+01	-0.62159E+00	0.11038E+01	0.38071E+01	0.26247E+01	-0.28591E+01
89	-0.43591E+01	-0.71004E+00	0.10358E+01	0.33875E+01	0.27969E+01	-0.26861E+01
90	-0.46890E+01	-0.52284E+00	0.14037E+01	0.23794E+01	0.29283E+01	-0.12060E+01
91	-0.51584E+01	-0.11582E+01	0.76415E+00	0.25177E+01	0.31505E+01	-0.20242E+01
92	-0.50161E+01	-0.10046E+01	0.96641E+00	0.18097E+01	0.31205E+01	-0.14823E+01
93	-0.30776E+01	0.12985E+01	0.42382E+00	0.40472E+01	0.33045E+01	-0.45595E+01
94	-0.34247E+01	-0.36658E+00	0.27577E-01	0.40340E+01	0.30068E+01	-0.43300E+01
95	-0.22973E+01	-0.11762E+01	-0.11133E-01	0.29301E+01	0.29769E+01	-0.33224E+01
96	-0.29189E+01	-0.26670E+00	0.82455E+00	0.41202E+01	0.28168E+01	-0.36017E+01
97	-0.19565E+01	-0.71545E+00	0.38362E+00	0.33910E+01	0.29500E+01	-0.28937E+01
98	-0.25074E+01	-0.59893E+00	0.86491E+00	0.28225E+01	0.27786E+01	-0.27169E+01
99	-0.25568E+01	0.23477E+00	0.15955E+01	0.32683E+01	0.26573E+01	-0.27363E+01
100	-0.20814E+01	0.12403E+00	0.14332E+01	0.24212E+01	0.27442E+01	-0.21218E+01
101	-0.26186E+01	-0.41408E+00	0.85485E+00	0.18891E+01	0.28016E+01	-0.16884E+01
102	-0.20221E+01	0.23684E+00	0.19782E+01	0.19141E+01	0.26475E+01	-0.16708E+01
103	-0.14186E+01	-0.31227E+00	0.14001E+01	0.68036E+00	0.25669E+01	-0.91005E+00
104	-0.15770E+01	-0.55140E+00	0.12432E+01	0.28232E+00	0.25661E+01	-0.70590E+00
105	-0.32614E+01	0.69903E-01	-0.46810E+00	0.36083E+01	0.39996E+01	-0.41480E+01
106	-0.50379E+01	-0.28759E+01	-0.33480E+01	0.26740E+00	0.42520E+01	-0.20437E+01
107	-0.39063E+01	-0.20543E+01	-0.23570E+01	0.19034E+01	0.40991E+01	-0.29089E+01
108	-0.31574E+01	-0.18205E+01	-0.18938E+01	0.19703E+01	0.39610E+01	-0.29469E+01
109	-0.26900E+01	-0.13483E+01	-0.17436E+01	0.79425E+00	0.39800E+01	-0.20534E+01
110	-0.15926E+00	0.53744E+00	0.30969E+00	0.28494E+01	0.36948E+01	-0.31136E+01
111	0.95209E+00	0.84484E+00	0.57379E+00	0.20494E+01	0.35178E+01	-0.17688E+01
112	0.10111E+01	0.89717E+00	0.66900E+00	0.31951E+01	0.34997E+01	-0.17547E+01
113	0.13795E+01	0.85941E+00	0.14011E+01	0.33608E+01	0.30179E+01	-0.33553E+01
114	0.17371E+01	0.13511E+01	0.12251E+01	0.28400E+01	0.29277E+01	-0.17136E+01

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115	0.18795E+01	0.14334E+01	0.14956E+01	0.49576E+01	0.23621E+01	-0.13667E+01
116	0.73490E+00	0.74673E+00	0.13554E+01	0.37814E+01	0.23346E+01	-0.29274E+01
117	0.44364E-01	0.34446E+00	0.67948E+00	0.41389E+01	0.20760E+01	-0.15590E+01
118	0.20777E+00	0.43557E+00	0.99688E+00	0.35497E+01	0.19990E+01	-0.14458E+01
119	0.63191E-01	0.77041E+00	0.14451E+01	0.29147E+01	0.16716E+01	-0.22171E+01
120	-0.46266E+00	0.56743E-01	0.32128E+00	0.29252E+01	0.14638E+01	-0.12892E+01
121	-0.35231E+00	0.12683E+00	0.10290E+01	0.24419E+01	0.14351E+01	-0.11356E+01
122	0.31540E+00	0.12027E+01	0.19629E+01	0.22862E+01	0.11987E+01	-0.17408E+01
123	0.16947E+00	0.46675E+00	0.15278E+01	0.18705E+01	0.10280E+01	-0.94420E+00
124	0.22790E+00	0.50630E+00	0.16343E+01	0.13596E+01	0.10040E+01	-0.76302E+00
125	-0.11972E+00	0.26115E+00	0.15348E+01	0.10541E+01	0.90804E+00	-0.94631E+00
126	0.34596E+00	0.58595E+00	0.17606E+01	0.70109E+00	0.83504E+00	-0.52076E+00
127	0.35293E+00	0.59735E+00	0.17706E+01	0.17218E+00	0.83352E+00	-0.38420E+00
128	0.10716E+01	0.96765E+00	0.22463E+01	0.41069E+00	0.70921E+00	-0.54596E+00
129	0.23214E+01	0.18206E+01	0.30153E+01	-0.44814E-01	0.55188E+00	-0.16518E+00
183	-0.40481E+01	0.36413E+00	-0.68410E+00	0.58496E+01	0.42181E+01	-0.65837E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.63614E+00	-0.42409E+01	0.36048E+01	0.95776E+02	-0.53037E+01	-0.40869E+02
131	0.28171E-01	0.18781E+00	-0.15964E+00	0.23327E+03	0.10377E+01	-0.11488E+03
132	-0.12364E+00	-0.82429E+00	0.70065E+00	0.39021E+03	0.42192E+00	-0.19812E+03
133	0.83728E-02	0.55819E-01	-0.47446E-01	0.56523E+03	-0.20359E+01	-0.29229E+03
134	-0.58053E-02	-0.38702E-01	0.32897E-01	0.76268E+03	-0.76193E+01	-0.40813E+03
135	-0.21290E+00	-0.14193E+01	0.12064E+01	0.90597E+03	-0.17327E+02	-0.51427E+03
136	0.52831E-01	0.35221E+00	-0.29938E+00	0.10299E+04	-0.19007E+02	-0.59055E+03
137	0.18226E+00	0.12151E+01	-0.10328E+01	0.10274E+04	-0.36025E+02	-0.62347E+03
138	-0.96387E+00	-0.64253E+01	0.46432E+01	0.10584E+04	-0.14529E+03	-0.67610E+03
139	-0.41528E+00	-0.27686E+01	-0.40256E+00	0.10341E+04	-0.36864E+03	-0.70994E+03
140	0.14251E+01	0.95008E+01	-0.80757E+01	0.13064E+04	-0.44750E+03	-0.80826E+03
141	0.14128E+01	0.94184E+01	-0.80056E+01	0.13115E+04	-0.45944E+03	-0.85977E+03
142	0.16109E+01	0.10740E+02	-0.91286E+01	0.13743E+04	-0.45928E+03	-0.91757E+03
143	0.16683E+01	0.11122E+02	-0.94536E+01	-0.48259E+03	-0.73397E+03	0.91474E+03
144	0.18738E+01	0.12492E+02	-0.10618E+02	-0.47329E+03	-0.70610E+03	0.87441E+03
145	-0.13100E+01	-0.87332E+01	0.11781E+02	0.18022E+03	-0.52178E+03	0.18823E+04
146	-0.55561E+00	-0.37041E+01	0.38182E+01	0.24682E+03	-0.39170E+03	0.15914E+04
147	-0.58014E+00	-0.33676E+01	0.87306E+01	0.23238E+03	-0.41280E+03	0.15708E+04
148	-0.60898E+00	-0.40598E+01	-0.18849E+01	0.22115E+03	-0.43673E+03	0.15743E+04
149	-0.64266E+00	-0.42844E+01	-0.17740E+01	0.20166E+03	-0.46565E+03	0.16006E+04
150	-0.75171E+00	-0.50114E+01	-0.36416E+00	0.12113E+03	-0.52256E+03	0.15593E+04
151	-0.90847E+00	-0.60565E+01	-0.37093E+02	0.83586E+02	-0.59811E+03	0.15945E+04
152	-0.81937E+00	-0.54625E+01	-0.67210E+02	0.85701E+02	-0.53790E+03	0.15826E+04
153	-0.68014E+00	-0.45343E+01	-0.59670E+02	0.55497E+02	-0.44885E+03	0.15481E+04
154	-0.35724E+00	-0.23816E+01	-0.11551E+03	0.25300E+02	-0.23633E+03	0.15064E+04
155	0.11044E+00	0.73623E+00	-0.95757E+02	0.52919E+02	0.82169E+02	0.14108E+04
156	0.48954E+00	0.32636E+01	-0.81323E+02	0.15500E+02	0.33138E+03	0.13090E+04
157	0.79344E+00	0.52896E+01	-0.65272E+02	0.17798E+02	0.53600E+03	0.11660E+04
158	0.10332E+01	0.68861E+01	-0.53952E+02	-0.21584E+01	0.69417E+03	0.10272E+04
159	0.12123E+01	0.80823E+01	-0.38456E+02	-0.35361E+02	0.80960E+03	0.85098E+03
160	0.13307E+01	0.88717E+01	-0.26676E+02	-0.43132E+02	0.88802E+03	0.68662E+03
161	0.15362E+01	0.10242E+02	-0.12997E+02	-0.49018E+02	0.95971E+03	0.48589E+03
162	0.15729E+01	0.10486E+02	0.99825E+00	-0.45627E+02	0.92237E+03	0.34191E+03
163	0.17924E+01	0.11949E+02	0.33632E+01	-0.65907E+02	0.10490E+04	0.24168E+03
164	0.17611E+01	0.11741E+02	0.52049E+01	-0.11111E+03	0.10238E+04	0.17259E+03

165	0.97576E+03	0.14475E+03	0.33645E+01	0.48407E+02	0.10354E+04	0.13868E+03
166	0.79193E+03	0.10780E+03	0.12969E+02	0.34989E+02	0.96124E+03	0.12555E+03
167	0.62847E+03	0.79557E+02	0.15575E+02	0.27211E+02	0.82025E+03	0.11475E+03
168	0.48039E+03	0.57742E+02	0.15063E+02	0.19420E+02	0.67596E+03	0.10565E+03
169	0.30661E+03	0.28715E+02	0.17623E+02	0.12257E+02	0.57906E+03	0.95520E+02
170	0.13448E+03	-0.29065E+01	0.23120E+02	0.41853E+01	0.51786E+03	0.83967E+02
171	-0.40605E+02	-0.32977E+02	0.26227E+02	-0.65755E+01	0.40689E+03	0.67898E+02
172	-0.14307E+03	-0.46344E+02	0.23760E+02	-0.17402E+02	0.26132E+03	0.50765E+02
173	-0.14396E+03	-0.37343E+02	0.14710E+02	-0.23311E+02	0.13350E+03	0.39120E+02
174	-0.86964E+02	-0.18169E+02	0.45795E+01	-0.24264E+02	0.42382E+02	0.31640E+02
175	-0.20559E+02	-0.17440E+01	-0.13057E+01	-0.19207E+02	0.18195E+02	0.28978E+02
176	0.35852E+01	0.24526E+01	-0.17528E+01	-0.14221E+02	0.29049E+02	0.27565E+02
177	0.60550E+01	0.18119E+01	-0.81070E+00	-0.10099E+02	0.35657E+02	0.22872E+02
178	0.20144E+01	0.30175E+00	-0.17213E-02	-0.70353E+01	0.27524E+02	0.16564E+02
179	-0.49899E+00	-0.19076E+00	0.98831E+01	-0.55168E+01	0.19616E+02	0.11716E+02
180	-0.54648E-02	-0.84810E-01	0.72695E+01	-0.39082E+01	0.11495E+02	0.70913E+01
181	-0.20060E+00	-0.18671E+00	0.13403E+00	-0.26138E+01	0.52392E+01	0.25404E+01
182	0.76920E+00	0.35723E+00	-0.21030E+00	-0.72877E+00	-0.11005E+01	0.14452E-03

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.6900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.50736E-01	0.57330E-04	0.50956E-01	0.00000E+00
3	-0.96259E-01	-0.11772E-03	0.96310E-01	0.00000E+00
4	-0.10825E+00	-0.16008E-03	0.10818E+00	0.00000E+00
5	-0.12520E+00	-0.16685E-04	0.12519E+00	0.00000E+00
6	-0.13702E+00	-0.57336E-05	0.13703E+00	0.00000E+00
7	-0.12540E+00	-0.88500E-03	0.12539E+00	0.00000E+00
8	-0.13737E+00	-0.65324E-03	0.13742E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.49934E-01	-0.48520E-03	0.49834E-01	0.00000E+00
11	-0.95259E-01	-0.11615E-02	0.95182E-01	0.00000E+00
12	-0.10776E+00	-0.13992E-02	0.10772E+00	0.00000E+00
13	-0.12564E+00	-0.12326E-02	0.12557E+00	0.00000E+00
14	-0.13825E+00	-0.91555E-03	0.13844E+00	0.00000E+00
15	-0.12642E+00	-0.19934E-02	0.12691E+00	0.00000E+00
16	-0.13970E+00	-0.13557E-02	0.14021E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.48619E-01	-0.70900E-03	0.49139E-01	0.00000E+00
19	-0.94435E-01	-0.18118E-02	0.94858E-01	0.00000E+00
20	-0.10777E+00	-0.22451E-02	0.10815E+00	0.00000E+00
21	-0.12720E+00	-0.20242E-02	0.12787E+00	0.00000E+00
22	-0.14181E+00	-0.14486E-02	0.14281E+00	0.00000E+00
23	-0.12827E+00	-0.24294E-02	0.12928E+00	0.00000E+00
24	-0.14465E+00	-0.12555E-02	0.14647E+00	0.00000E+00
25	-0.14633E+00	-0.15311E-02	0.14879E+00	0.00000E+00
26	-0.14734E+00	-0.13646E-02	0.15019E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.47299E-01	-0.27745E-03	0.46370E-01	0.00000E+00
29	-0.92666E-01	-0.10715E-02	0.91054E-01	0.00000E+00
30	-0.10686E+00	-0.15836E-02	0.10543E+00	0.00000E+00
31	-0.12880E+00	-0.18353E-02	0.12954E+00	0.00000E+00
32	-0.14836E+00	-0.96210E-03	0.15169E+00	0.00000E+00
33	-0.12879E+00	-0.17805E-02	0.12903E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.46813E-01	0.54444E-04	0.44803E-01	0.00000E+00
36	-0.91935E-01	-0.32960E-03	0.38392E-01	0.00000E+00
37	-0.10612E+00	-0.57155E-03	0.10235E+00	0.00000E+00
38	-0.12870E+00	-0.10028E-02	0.12802E+00	0.00000E+00
39	-0.14964E+00	-0.11796E-02	0.15380E+00	0.00000E+00
40	-0.14938E+00	-0.11767E-02	0.15335E+00	0.00000E+00
41	-0.14912E+00	-0.11715E-02	0.15291E+00	0.00000E+00
42	-0.14835E+00	-0.11541E-02	0.15242E+00	0.00000E+00
43	-0.10439E+00	0.35244E-03	0.93521E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.44514E-01	0.71742E-03	0.36330E-01	0.00000E+00
46	-0.37698E-01	0.12747E-02	0.71690E-01	0.00000E+00
47	-0.14970E+00	-0.11795E-02	0.15385E+00	0.00000E+00
48	-0.14973E+00	-0.11797E-02	0.15395E+00	0.00000E+00
49	-0.12862E+00	-0.74331E-03	0.12741E+00	0.00000E+00
50	-0.14983E+00	-0.11995E-02	0.15451E+00	0.00000E+00
51	-0.12641E+00	0.52007E-03	0.11537E+00	0.00000E+00
52	-0.14604E+00	-0.17494E-02	0.13606E+00	0.00000E+00
53	-0.14962E+00	-0.11778E-02	0.15330E+00	0.00000E+00
54	-0.10126E+00	0.11440E-02	0.82941E-01	0.00000E+00
55	-0.12252E+00	0.60628E-03	0.10144E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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000535

57	-0.41269E-01	0.14936E-02	0.25202E-01	0.00000E+00
58	-0.81646E-01	0.20555E-02	0.51798E-01	0.00000E+00
59	-0.14002E+00	-0.43025E-03	0.11732E+00	0.00000E+00
60	-0.14442E+00	-0.14048E-02	0.13043E+00	0.00000E+00
61	-0.14986E+00	-0.12196E-02	0.15483E+00	0.00000E+00
62	-0.94145E-01	0.25032E-02	0.59740E-01	0.00000E+00
63	-0.11281E+00	0.24422E-02	0.72299E-01	0.00000E+00
64	-0.14699E+00	-0.17797E-02	0.13711E+00	0.00000E+00
65	-0.14988E+00	-0.12389E-02	0.15314E+00	0.00000E+00
66	-0.15012E+00	-0.12763E-02	0.15577E+00	0.00000E+00
67	-0.15035E+00	-0.13110E-02	0.15640E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.38299E-01	0.15139E-02	0.15283E-01	0.00000E+00
70	-0.74249E-01	0.34717E-02	0.31067E-01	0.00000E+00
71	-0.13025E+00	0.23280E-02	0.84765E-01	0.00000E+00
72	-0.14725E+00	-0.18955E-02	0.13327E+00	0.00000E+00
73	-0.10241E+00	0.44423E-02	0.44403E-01	0.00000E+00
74	-0.15231E+00	-0.20747E-02	0.13786E+00	0.00000E+00
75	-0.15054E+00	-0.13324E-02	0.15700E+00	0.00000E+00
76	-0.15180E+00	-0.13618E-02	0.15808E+00	0.00000E+00
77	-0.11768E+00	0.42496E-02	0.51926E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.35552E-01	0.20616E-02	0.59146E-02	0.00000E+00
80	-0.67167E-01	0.42941E-02	0.11228E-01	0.00000E+00
81	-0.76179E-01	0.54574E-02	0.12989E-01	0.00000E+00
82	-0.90632E-01	0.57158E-02	0.17124E-01	0.00000E+00
83	-0.14623E+00	0.17071E-02	0.97314E-01	0.00000E+00
84	-0.12202E+00	0.51288E-02	0.35794E-01	0.00000E+00
85	-0.15446E+00	-0.13996E-02	0.15952E+00	0.00000E+00
86	-0.15792E+00	-0.18148E-02	0.14336E+00	0.00000E+00
87	-0.10419E+00	0.59037E-02	0.21994E-01	0.00000E+00
88	-0.15383E+00	-0.26885E-03	0.12128E+00	0.00000E+00
89	-0.15687E+00	-0.14221E-02	0.16093E+00	0.00000E+00
90	-0.69453E-01	0.36586E-02	-0.17779E-01	0.00000E+00
91	-0.75876E-01	0.35300E-02	-0.20065E-01	0.00000E+00
92	-0.80619E-01	0.32968E-02	-0.20098E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.22229E-01	0.00000E+00	-0.21208E-01	0.00000E+00
95	-0.41354E-01	0.00000E+00	-0.38335E-01	0.00000E+00
96	-0.45905E-01	0.00000E+00	-0.42313E-01	0.00000E+00
97	-0.52168E-01	0.00000E+00	-0.44695E-01	0.00000E+00
98	-0.54487E-01	0.00000E+00	-0.45044E-01	0.00000E+00
99	-0.64279E-01	0.23485E-02	-0.31961E-01	0.00000E+00
100	-0.89404E-01	0.37001E-02	-0.11843E-01	0.00000E+00
101	-0.13594E+00	0.39351E-02	-0.41751E-01	0.00000E+00
102	-0.16324E+00	-0.14201E-02	0.16299E+00	0.00000E+00
103	-0.15577E+00	0.12434E-02	0.10415E+00	0.00000E+00
104	-0.16770E+00	-0.15885E-02	0.15069E+00	0.00000E+00
105	-0.16861E+00	-0.14092E-02	0.16491E+00	0.00000E+00
106	-0.16254E+00	0.79964E-03	0.10954E+00	0.00000E+00
107	-0.17522E+00	-0.16624E-02	0.15627E+00	0.00000E+00
108	-0.17324E+00	-0.13549E-02	0.16670E+00	0.00000E+00
109	-0.17700E+00	-0.12879E-02	0.16828E+00	0.00000E+00
110	-0.17209E+00	-0.33294E-04	0.11683E+00	0.00000E+00
111	-0.18100E+00	-0.18740E-02	0.16070E+00	0.00000E+00
112	-0.18014E+00	-0.11972E-02	0.16968E+00	0.00000E+00
113	-0.17632E+00	-0.75642E-04	0.12755E+00	0.00000E+00
114	-0.18242E+00	-0.10793E-02	0.17083E+00	0.00000E+00
115	-0.18404E+00	-0.95329E-03	0.17175E+00	0.00000E+00
116	-0.18479E+00	-0.82726E-03	0.17237E+00	0.00000E+00

532

000536

5622

117	-0.18341E+00	-0.15591E-02	0.16312E+00	0.00000E+00
118	-0.18482E+00	-0.76626E-03	0.17259E+00	0.00000E+00
119	-0.18475E+00	-0.66130E-03	0.17280E+00	0.00000E+00
120	-0.18502E+00	-0.10999E-02	0.16547E+00	0.00000E+00
121	-0.18456E+00	-0.51516E-03	0.17299E+00	0.00000E+00
122	-0.18455E+00	-0.38630E-03	0.17323E+00	-0.31934E-04
123	-0.18445E+00	-0.10603E-03	0.17341E+00	-0.58189E-04
124	-0.18428E+00	0.34972E-03	0.17360E+00	-0.90099E-04
125	-0.18397E+00	0.10281E-02	0.17380E+00	-0.13120E-03
126	-0.18320E+00	0.26759E-02	0.17412E+00	-0.18928E-03
127	-0.18223E+00	0.47320E-02	0.17443E+00	-0.21454E-03
128	-0.18015E+00	0.94198E-02	0.17507E+00	-0.19717E-03
129	-0.17859E+00	0.13161E-01	0.17566E+00	-0.13836E-03
130	-0.17763E+00	0.15690E-01	0.17630E+00	-0.58010E-04
131	-0.17766E+00	0.15787E-01	0.17728E+00	0.39094E-04
132	-0.17855E+00	0.13023E-01	0.17815E+00	0.73609E-04
133	-0.17944E+00	0.98344E-02	0.17893E+00	0.64911E-04
134	-0.17998E+00	0.74119E-02	0.17956E+00	0.46511E-04
135	-0.18031E+00	0.56217E-02	0.18007E+00	0.38231E-04
136	-0.18055E+00	0.38914E-02	0.18044E+00	0.40287E-04
137	-0.18069E+00	0.21559E-02	0.18066E+00	0.40124E-04
138	-0.18079E+00	0.32430E-03	0.18079E+00	0.41419E-04
139	-0.18079E+00	0.40081E-04	0.18079E+00	0.40135E-04

533

5623

000537

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.6900E+01

534

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.97461E-01	-0.16094E-01	0.45339E-01	-0.61728E+01	-0.47439E-01	0.61757E+01
2	0.21939E+00	-0.22291E-01	0.88968E-01	-0.56124E+01	-0.89568E-01	0.56082E+01
3	0.30785E+00	-0.23675E-01	0.58639E-01	-0.46642E+01	-0.11144E+00	0.46912E+01
4	-0.15678E+00	-0.23885E-01	-0.11841E+00	-0.38285E+01	0.51564E-01	0.38772E+01
5	0.14871E+00	0.13312E-01	0.44347E-01	-0.38811E+01	-0.34667E-01	0.39254E+01
6	-0.13670E+00	0.23321E-01	-0.57763E-01	-0.39385E+01	0.37573E-01	0.39955E+01
7	-0.17730E+00	-0.19768E-01	-0.70837E-01	-0.28039E+01	0.50497E-01	0.23139E+01
8	-0.33995E+00	-0.15374E-01	-0.12900E+00	-0.28091E+01	0.10435E+00	0.29014E+01
9	-0.25117E-01	-0.25627E+00	-0.10470E+00	-0.60434E+01	-0.29315E-01	0.60636E+01
10	0.38345E-01	-0.32717E+00	-0.95313E-01	-0.55909E+01	-0.46103E-01	0.56183E+01
11	0.57377E-01	-0.31198E+00	-0.30695E-01	-0.48504E+01	-0.89191E-02	0.49039E+01
12	-0.66318E+00	-0.30900E+00	-0.36208E+00	-0.40131E+01	0.23133E+00	0.39878E+01
13	-0.91458E-01	-0.16260E+00	-0.55299E-01	-0.41194E+01	0.22924E-01	0.42233E+01
14	-0.55143E+00	-0.17466E+00	-0.22029E+00	-0.42154E+01	0.14828E+00	0.43736E+01
15	-0.70482E+00	-0.86571E-01	-0.26060E+00	-0.30090E+01	0.25974E+00	0.30321E+01
16	-0.88226E+00	-0.89360E-01	-0.29299E+00	-0.31366E+01	0.28794E+00	0.32537E+01
17	0.83724E-01	-0.15131E+00	-0.40029E-01	-0.58576E+01	-0.99708E-01	0.58442E+01
18	0.22488E+00	-0.25470E+00	-0.50280E-01	-0.55159E+01	-0.23397E+00	0.55541E+01
19	0.39731E+00	-0.35420E+00	-0.75489E-01	-0.49408E+01	-0.45785E+00	0.51754E+01
20	-0.84596E+00	-0.36624E+00	-0.40470E+00	-0.42830E+01	0.22720E+00	0.43639E+01
21	0.46289E-01	-0.33824E+00	-0.11767E+00	-0.44793E+01	-0.24221E+00	0.49441E+01
22	-0.76981E+00	-0.69031E+00	-0.57419E+00	-0.46509E+01	0.42299E-01	0.52864E+01
23	-0.11491E+01	-0.52276E-01	-0.35403E+00	-0.34925E+01	0.41299E+00	0.36734E+01
24	-0.23436E+01	-0.60329E+00	-0.10062E+01	-0.37719E+01	0.77423E+00	0.39135E+01
25	-0.10471E+01	-0.16296E+00	-0.32376E+00	-0.39499E+01	0.31175E+00	0.45041E+01
26	-0.31018E+01	-0.13219E+01	-0.15730E+01	-0.41073E+01	0.95210E+00	0.50058E+01
27	0.22380E+00	0.80188E-01	0.72067E-01	-0.57116E+01	-0.16959E+00	0.55730E+01
28	0.39111E+00	-0.44146E-01	0.23971E-02	-0.54015E+01	-0.45690E+00	0.54042E+01
29	0.83640E+00	-0.14333E+00	-0.11575E+00	-0.47819E+01	-0.12481E+01	0.52379E+01
30	-0.18666E+00	-0.31133E+00	-0.20989E+00	-0.47256E+01	-0.24573E+00	0.52755E+01
31	0.43883E+00	-0.29286E+00	-0.71461E-01	-0.45496E+01	-0.82341E+00	0.55099E+01
32	-0.21535E+00	-0.50570E+00	-0.39483E+00	-0.44336E+01	-0.58706E+00	0.55931E+01
33	-0.23332E+01	-0.92947E+00	-0.11420E+01	-0.46343E+01	0.49359E+00	0.52896E+01
34	-0.58268E+01	-0.32985E+01	-0.34455E+01	-0.48902E+01	0.14226E+01	0.57765E+01
35	-0.93594E+00	-0.34536E-01	-0.17664E+00	-0.49019E+01	0.43450E+00	0.57761E+01
36	0.64984E+00	0.64986E+00	0.61259E+00	-0.45087E+01	-0.65817E+00	0.60052E+01
37	-0.17340E+01	-0.12074E+01	-0.98679E+00	-0.50445E+01	0.47035E+00	0.62361E+01
38	0.47102E+00	0.40432E+00	0.20959E+00	-0.55579E+01	-0.24663E+00	0.49543E+01
39	0.78419E+00	0.36149E+00	0.45425E-01	-0.53292E+01	-0.73447E+00	0.48162E+01
40	0.11696E+01	0.22152E-01	-0.32695E+00	-0.48009E+01	-0.22117E+01	0.51196E+01
41	0.15858E+01	0.73303E+00	-0.34952E+00	-0.50807E+01	-0.19384E+01	0.49193E+01
42	0.21728E+01	0.32715E+00	-0.66696E+00	-0.48192E+01	-0.24201E+01	0.40862E+01
43	0.90675E+00	0.34037E+00	0.19912E+00	-0.46175E+01	-0.12622E+01	0.56460E+01
44	0.13678E+01	0.42201E+00	0.19128E+00	-0.45433E+01	-0.20017E+01	0.47287E+01
45	0.23117E+01	0.87632E+00	0.38323E+00	-0.47587E+01	-0.19875E+01	0.47192E+01
46	0.12098E+01	-0.57228E-01	-0.53728E+00	-0.45564E+01	-0.13956E+01	0.39906E+01
47	-0.35953E+00	-0.39699E+00	-0.17999E+00	-0.47818E+01	-0.47257E+00	0.63118E+01
48	0.37581E+00	-0.14248E-01	0.32360E+00	-0.50745E+01	-0.45170E+00	0.63931E+01
49	0.10116E+01	0.69441E-01	0.35685E+00	-0.50091E+01	-0.15782E+01	0.69051E+01
50	0.47428E+01	0.13389E+01	0.20465E+01	-0.43283E+01	-0.41256E+01	0.45021E+01
51	0.83606E+00	0.57036E+00	0.88962E+00	-0.21288E+00	-0.50458E+00	0.12397E+01
52	0.15554E+01	-0.75412E-01	0.64110E+00	0.14615E+01	-0.23155E+01	-0.74235E+01
53	0.20006E+01	-0.29389E+00	-0.35566E+00	-0.38736E+01	-0.22388E+01	0.38118E+01
54	0.88091E+00	0.91379E+00	0.45561E+00	-0.52137E+01	-0.31436E+00	0.37517E+01

000538

5622

55	0.12256E+01	0.71555E+00	0.55990E-01	-0.50614E+01	-0.86586E+00	0.37647E+01
56	0.23745E+01	0.52962E+00	-0.11127E+01	-0.45850E+01	-0.23971E+01	0.34650E+01
57	0.20274E+01	0.43971E+00	-0.47415E+00	-0.41861E+01	-0.17466E+01	0.33344E+01
58	0.21952E+01	0.25812E+00	-0.67717E+00	-0.35856E+01	-0.20814E+01	0.30477E+01
59	0.45110E+00	0.81742E+00	0.31032E+00	-0.50440E+01	0.70386E-01	0.30737E+01
60	0.14007E+01	0.13352E+01	0.64197E+00	-0.46799E+01	-0.56581E+00	0.18555E+01
61	0.11664E+01	0.11335E+01	0.37225E+00	-0.46409E+01	-0.49144E+00	0.18547E+01
62	0.58871E+00	0.10927E+01	0.37912E+00	-0.43453E+01	0.10479E+00	0.71560E+00
63	0.14646E+01	0.10118E+01	-0.10940E-01	-0.46119E+01	-0.76615E+00	0.25626E+01
64	0.15369E+01	0.13287E+01	-0.87886E-02	-0.40737E+01	-0.65851E+00	0.12584E+01
65	0.26310E+01	0.78974E+00	-0.14211E+01	-0.43754E+01	-0.20993E+01	0.28420E+01
66	0.32382E+01	0.97631E+00	-0.16003E+01	-0.37847E+01	-0.23266E+01	0.18532E+01
67	0.25535E+01	0.13293E+01	-0.18195E+01	-0.31837E+01	-0.17619E+01	0.55230E+00
68	0.26049E+01	0.77504E+00	-0.57488E+00	-0.33712E+01	-0.17295E+01	0.26723E+01
69	0.21930E+01	0.83614E+00	-0.80322E+00	-0.36085E+01	-0.13063E+01	0.16842E+01
70	0.30927E+01	0.11636E+01	-0.57561E+00	-0.30210E+01	-0.15506E+01	0.83050E+00
71	0.26751E+01	0.61807E+00	-0.89714E+00	-0.33739E+01	-0.18410E+01	0.21147E+01
72	0.29773E+01	0.78645E+00	-0.10075E+01	-0.29973E+01	-0.15816E+01	0.12773E+01
73	0.65718E+00	0.66490E+00	0.12315E+00	-0.35500E+01	-0.10374E+00	-0.93869E+00
74	0.10431E+01	0.59842E+00	-0.50203E+00	-0.31590E+01	-0.28915E+00	-0.73451E+00
75	0.22116E+01	0.58160E+00	-0.21214E+01	-0.26654E+01	-0.78431E+00	-0.44510E+00
76	0.24604E+01	0.73692E+00	-0.10101E+01	-0.32206E+01	-0.69496E+00	0.84161E+00
77	0.17593E+01	0.85035E+00	-0.10438E+01	-0.19406E+01	-0.45264E+00	-0.70396E+00
78	0.15200E+01	0.21927E-01	-0.14652E+01	-0.15154E+01	-0.42277E+00	-0.52607E+00
79	0.28980E+01	0.76068E+00	-0.10269E+01	-0.22609E+01	-0.77714E+00	0.23057E+00
80	0.29538E+01	0.75035E+00	-0.88283E+00	-0.15011E+01	-0.25705E+00	-0.52401E+00
81	0.16746E+01	0.35080E+00	-0.14074E+01	-0.79011E+00	-0.37432E+00	-0.36050E+00
82	0.16808E+01	0.85679E-01	-0.14666E+01	-0.69376E+00	-0.28947E+00	-0.81874E-01
83	0.26432E+01	0.36589E+00	-0.12750E+01	-0.14267E+01	-0.21630E+00	-0.36897E-01
84	0.34421E+01	0.81124E+00	-0.96741E+00	-0.15302E+01	-0.84433E+00	-0.16233E+00
85	0.39757E+01	0.63696E+00	-0.10037E+01	-0.23556E+01	-0.11329E+01	0.95102E+00
86	0.38720E+01	0.60416E+00	-0.12301E+01	-0.19489E+01	-0.10715E+01	0.75786E+00
87	0.28777E+01	0.46046E+00	-0.14510E+01	-0.23776E+01	-0.15990E+01	0.60487E+00
88	0.31174E+01	0.53772E+00	-0.10668E+01	-0.26292E+01	-0.21528E+01	0.18194E+01
89	0.33786E+01	0.59310E+00	-0.10166E+01	-0.24035E+01	-0.22892E+01	0.18108E+01
90	0.35437E+01	0.41633E+00	-0.13714E+01	-0.17123E+01	-0.23659E+01	0.75986E+00
91	0.39103E+01	0.88572E+00	-0.85474E+00	-0.16690E+01	-0.25574E+01	0.14310E+01
92	0.37953E+01	0.74954E+00	-0.10061E+01	-0.13359E+01	-0.25392E+01	0.11200E+01
93	0.23826E+01	-0.67260E+00	-0.34281E+00	-0.28392E+01	-0.25973E+01	0.31046E+01
94	0.26421E+01	0.43337E+00	-0.13127E+00	-0.28075E+01	-0.24018E+01	0.28908E+01
95	0.18478E+01	0.10037E+01	-0.77663E-01	-0.20773E+01	-0.24123E+01	0.22648E+01
96	0.22608E+01	0.32173E+00	-0.78330E+00	-0.29185E+01	-0.22644E+01	0.24072E+01
97	0.15986E+01	0.66588E+00	-0.36288E+00	-0.24493E+01	-0.23943E+01	0.20122E+01
98	0.19750E+01	0.51051E+00	-0.80494E+00	-0.20097E+01	-0.22736E+01	0.18457E+01
99	0.19798E+01	-0.12206E+00	-0.14058E+01	-0.23418E+01	-0.21528E+01	0.18356E+01
100	0.16716E+01	-0.10792E-01	-0.12079E+01	-0.17695E+01	-0.22533E+01	0.14914E+01
101	0.20741E+01	0.37002E+00	-0.74788E+00	-0.14111E+01	-0.23114E+01	0.12165E+01
102	0.15926E+01	-0.14369E+00	-0.16455E+01	-0.14351E+01	-0.21825E+01	0.12568E+01
103	0.11945E+01	0.26808E+00	-0.11213E+01	-0.53778E+00	-0.21429E+01	0.68001E+00
104	0.13003E+01	0.41654E+00	-0.10051E+01	-0.25952E+00	-0.21481E+01	0.56536E+00
105	0.23564E+01	0.81597E-01	0.21013E+00	-0.25200E+01	-0.30475E+01	0.27786E+01
106	0.35730E+01	0.20881E+01	0.22567E+01	-0.22498E+00	-0.31958E+01	0.14041E+01
107	0.28035E+01	0.15443E+01	0.15709E+01	-0.13430E+01	-0.30918E+01	0.19229E+01
108	0.22851E+01	0.13796E+01	0.12419E+01	-0.13888E+01	-0.30036E+01	0.19577E+01
109	0.19545E+01	0.10272E+01	0.11392E+01	-0.58832E+00	-0.30270E+01	0.14123E+01
110	0.19642E+00	-0.26345E+00	-0.29953E+00	-0.20208E+01	-0.28290E+01	0.21079E+01
111	-0.60316E+00	-0.52761E+00	-0.49283E+00	-0.14575E+01	-0.27244E+01	0.12185E+01
112	-0.64504E+00	-0.56708E+00	-0.55806E+00	-0.22579E+01	-0.27127E+01	0.12104E+01
113	-0.86906E+00	-0.48023E+00	-0.10705E+01	-0.23505E+01	-0.23717E+01	0.22773E+01
114	-0.11088E+01	-0.36114E+00	-0.91583E+00	-0.20101E+01	-0.23337E+01	0.11831E+01

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115	-0.12093E+01	-0.92345E+00	-0.11062E+01	-0.35031E+01	-0.22891E+01	0.11530E+01
116	-0.41268E+00	-0.40671E+00	-0.10328E+01	-0.26868E+01	-0.19095E+01	0.20244E+01
117	0.60011E-01	-0.17506E+00	-0.53916E+00	-0.29340E+01	-0.17492E+01	0.10796E+01
118	-0.57402E-01	-0.24547E+00	-0.76228E+00	-0.25295E+01	-0.16964E+01	0.10033E+01
119	0.17055E-01	-0.50375E+00	-0.11363E+01	-0.20742E+01	-0.14531E+01	0.15470E+01
120	0.43805E+00	0.29596E-01	-0.61796E+00	-0.20887E+01	-0.13391E+01	0.89539E+00
121	0.35751E+00	-0.25204E-01	-0.76449E+00	-0.17536E+01	-0.13061E+01	0.79011E+00
122	-0.15408E+00	-0.81845E+00	-0.14908E+01	-0.16427E+01	-0.11223E+01	0.12357E+01
123	-0.13512E-01	-0.27101E+00	-0.11110E+01	-0.13439E+01	-0.10157E+01	0.65719E+00
124	-0.57363E-01	-0.30604E+00	-0.11856E+01	-0.98309E+00	-0.10003E+01	0.53184E+00
125	0.15665E+00	-0.16940E+00	-0.11772E+01	-0.75594E+00	-0.91396E+00	0.69080E+00
126	-0.11747E+00	-0.35526E+00	-0.12485E+01	-0.50703E+00	-0.87384E+00	0.36272E+00
127	-0.12431E+00	-0.36646E+00	-0.12544E+01	-0.13231E+00	-0.87431E+00	0.26705E+00
128	-0.65637E+00	-0.65304E+00	-0.16199E+01	-0.30178E+00	-0.77040E+00	0.41651E+00
129	-0.15059E+01	-0.12228E+01	-0.21052E+01	0.21202E-01	-0.65585E+00	0.12046E+00
183	0.29644E+01	-0.72512E-02	0.43945E+00	-0.40397E+01	-0.32165E+01	0.45029E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.6900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.34646E+00	0.23097E+01	-0.19633E+01	-0.65975E+02	-0.63176E+00	0.27718E+02
131	-0.45254E-01	-0.30169E+00	0.25644E+00	-0.16256E+03	-0.96177E+01	0.75747E+02
132	0.43199E-01	0.28799E+00	-0.24479E+00	-0.27126E+03	-0.14959E+02	0.13034E+03
133	-0.39138E-01	-0.26092E+00	0.22178E+00	-0.39160E+03	-0.19087E+02	0.19196E+03
134	-0.68747E-01	-0.45832E+00	0.38957E+00	-0.52705E+03	-0.21162E+02	0.26828E+03
135	0.56058E-01	0.37372E+00	-0.31766E+00	-0.62314E+03	-0.18328E+02	0.33870E+03
136	-0.11205E+00	-0.74703E+00	0.63498E+00	-0.70399E+03	-0.19401E+02	0.39026E+03
137	-0.22100E+00	-0.14733E+01	0.12523E+01	-0.71088E+03	-0.98429E+01	0.41210E+03
138	0.66195E+00	0.44130E+01	-0.32253E+01	-0.73283E+03	0.46390E+02	0.44789E+03
139	0.60660E+00	0.40440E+01	-0.17109E+01	-0.71748E+03	0.16280E+03	0.46897E+03
140	-0.28935E+00	-0.19290E+01	0.16397E+01	-0.90252E+03	0.19800E+03	0.53488E+03
141	-0.32418E+00	-0.21612E+01	0.18370E+01	-0.90668E+03	0.20522E+03	0.56888E+03
142	-0.36198E+00	-0.24132E+01	0.20512E+01	-0.95005E+03	0.20450E+03	0.60883E+03
143	-0.38317E+00	-0.25545E+01	0.21713E+01	0.33511E+03	0.39424E+03	-0.66641E+03
144	-0.38754E+00	-0.25836E+01	0.21961E+01	0.32856E+03	0.37393E+03	-0.64126E+03
145	-0.69433E+00	0.46298E+01	-0.92984E+01	-0.61683E+02	0.28163E+03	-0.13082E+04
146	0.30097E+00	0.20065E+01	-0.64323E+01	-0.12366E+03	0.21369E+03	-0.10894E+04
147	0.31869E+00	0.21246E+01	-0.63892E+01	-0.11524E+03	0.22863E+03	-0.10772E+04
148	0.33978E+00	0.22652E+01	0.97096E+00	-0.10809E+03	0.24597E+03	-0.10793E+04
149	0.36457E+00	0.24305E+01	0.91136E+00	-0.94184E+02	0.26719E+03	-0.10958E+04
150	0.43280E+00	0.28853E+01	-0.12124E+00	-0.40397E+02	0.30526E+03	-0.10691E+04
151	0.52709E+00	0.35139E+01	0.25335E+02	-0.13085E+02	0.35233E+03	-0.10929E+04
152	0.46961E+00	0.31307E+01	0.46357E+02	-0.16463E+02	0.31319E+03	-0.10859E+04
153	0.37769E+00	0.25179E+01	0.41231E+02	0.16635E+00	0.25390E+03	-0.10636E+04
154	0.15778E+00	0.10519E+01	0.80565E+02	0.18539E+02	0.10884E+03	-0.10366E+04
155	-0.16340E+00	-0.10893E+01	0.67051E+02	-0.43028E+01	-0.11048E+03	-0.97221E+03
156	-0.42364E+00	-0.28243E+01	0.57128E+02	0.18607E+02	-0.28197E+03	-0.90322E+03
157	-0.63127E+00	-0.42085E+01	0.45837E+02	0.11675E+02	-0.42257E+03	-0.80503E+03
158	-0.79375E+00	-0.52917E+01	0.37974E+02	0.22154E+02	-0.53021E+03	-0.70959E+03
159	-0.91307E+00	-0.60871E+01	0.26924E+02	0.41002E+02	-0.60759E+03	-0.58745E+03
160	-0.98375E+00	-0.65917E+01	0.18557E+02	0.42528E+02	-0.65823E+03	-0.47356E+03
161	-0.11239E+01	-0.75259E+01	0.85577E+01	0.40287E+02	-0.70459E+03	-0.33339E+03
162	-0.11470E+01	-0.76467E+01	-0.13813E+01	0.34179E+02	-0.67249E+03	-0.23278E+03
163	-0.12983E+01	-0.86551E+01	-0.32594E+01	0.46990E+02	-0.75993E+03	-0.16332E+03
164	-0.12626E+01	-0.84175E+01	-0.45544E+01	0.76599E+02	-0.73444E+03	-0.12017E+03

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165	-0.68802E+03	-0.10011E+03	-0.40877E+01	-0.32397E+02	-0.73727E+03	-0.99276E+02
166	-0.55554E+03	-0.74026E+02	-0.10520E+02	-0.22843E+02	-0.68367E+03	-0.89897E+02
167	-0.43892E+03	-0.54456E+02	-0.11868E+02	-0.17357E+02	-0.58263E+03	-0.82192E+02
168	-0.33377E+03	-0.39405E+02	-0.11114E+02	-0.11860E+02	-0.47948E+03	-0.75712E+02
169	-0.21115E+03	-0.19129E+02	-0.12733E+02	-0.68251E+01	-0.41003E+03	-0.68512E+02
170	-0.90154E+02	0.30202E+01	-0.16519E+02	-0.11719E+01	-0.36602E+03	-0.60318E+02
171	0.32240E+02	0.23236E+02	-0.18566E+02	0.63320E+01	-0.28693E+03	-0.48945E+02
172	0.10296E+03	0.32995E+02	-0.16716E+02	0.13809E+02	-0.18389E+03	-0.36840E+02
173	0.10221E+03	0.26362E+02	-0.10270E+02	0.17800E+02	-0.93937E+02	-0.28618E+02
174	0.61182E+02	0.12697E+02	-0.31197E+01	0.18259E+02	-0.30279E+02	-0.23309E+02
175	0.14217E+02	0.11445E+01	0.97277E+00	0.14506E+02	-0.13651E+02	-0.21341E+02
176	-0.26617E+01	-0.17607E+01	0.12534E+01	0.10866E+02	-0.21310E+02	-0.20230E+02
177	-0.43002E+01	-0.12755E+01	0.57029E+00	0.77972E+01	-0.25792E+02	-0.16744E+02
178	-0.13878E+01	-0.20518E+00	0.14878E-02	0.54531E+01	-0.19793E+02	-0.12115E+02
179	0.35828E+00	0.12936E+00	-0.62304E-01	0.42471E+01	-0.14122E+02	-0.85322E+01
180	-0.12865E-01	0.55307E-01	-0.48703E-01	0.29862E+01	-0.83029E+01	-0.52030E+01
181	0.14162E+00	0.13199E+00	-0.94095E-01	0.19661E+01	-0.37935E+01	-0.18713E+01
182	-0.56707E+00	-0.26335E+00	0.15504E+00	0.53576E+00	0.78420E+00	-0.69728E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7000E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.13355E-01	-0.34762E-04	-0.13074E-01	0.00000E+00
3	0.24587E-01	0.12212E-04	-0.24689E-01	0.00000E+00
4	0.27360E-01	0.57258E-04	-0.27647E-01	0.00000E+00
5	0.31162E-01	0.51916E-04	-0.31194E-01	0.00000E+00
6	0.33498E-01	-0.44516E-05	-0.33499E-01	0.00000E+00
7	0.31213E-01	-0.32176E-04	-0.31024E-01	0.00000E+00
8	0.33533E-01	-0.14294E-03	-0.33444E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.12718E-01	-0.98573E-05	-0.12666E-01	0.00000E+00
11	0.24064E-01	-0.18073E-04	-0.23627E-01	0.00000E+00
12	0.27160E-01	-0.54117E-04	-0.26666E-01	0.00000E+00
13	0.31172E-01	-0.21852E-03	-0.30648E-01	0.00000E+00
14	0.33689E-01	-0.39771E-03	-0.33291E-01	0.00000E+00
15	0.31241E-01	-0.43799E-03	-0.30312E-01	0.00000E+00
16	0.33951E-01	-0.71939E-03	-0.33071E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.12438E-01	-0.15750E-03	-0.11518E-01	0.00000E+00
19	0.23709E-01	-0.41254E-03	-0.22160E-01	0.00000E+00
20	0.26952E-01	-0.55252E-03	-0.25286E-01	0.00000E+00
21	0.31278E-01	-0.83101E-03	-0.29629E-01	0.00000E+00
22	0.34336E-01	-0.11411E-02	-0.32811E-01	0.00000E+00
23	0.31338E-01	-0.13362E-02	-0.28753E-01	0.00000E+00
24	0.34862E-01	-0.18986E-02	-0.32572E-01	0.00000E+00
25	0.35173E-01	-0.23076E-02	-0.32489E-01	0.00000E+00
26	0.35363E-01	-0.25783E-02	-0.32470E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.12219E-01	-0.41606E-03	-0.95110E-02	0.00000E+00
29	0.23339E-01	-0.11310E-02	-0.18788E-01	0.00000E+00
30	0.26601E-01	-0.15030E-02	-0.21957E-01	0.00000E+00
31	0.31456E-01	-0.20868E-02	-0.27332E-01	0.00000E+00
32	0.35559E-01	-0.29544E-02	-0.32458E-01	0.00000E+00
33	0.31471E-01	-0.21980E-02	-0.26657E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.12158E-01	-0.49032E-03	-0.85070E-02	0.00000E+00
36	0.23231E-01	-0.12833E-02	-0.17168E-01	0.00000E+00
37	0.26417E-01	-0.17608E-02	-0.20055E-01	0.00000E+00
38	0.31459E-01	-0.23893E-02	-0.25843E-01	0.00000E+00
39	0.35775E-01	-0.29740E-02	-0.32261E-01	0.00000E+00
40	0.35731E-01	-0.29675E-02	-0.32307E-01	0.00000E+00
41	0.35688E-01	-0.29619E-02	-0.32354E-01	0.00000E+00
42	0.35643E-01	-0.29560E-02	-0.32419E-01	0.00000E+00
43	0.25930E-01	-0.17368E-02	-0.15438E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.11452E-01	-0.39296E-03	-0.41729E-02	0.00000E+00
46	0.21874E-01	-0.11308E-02	-0.85050E-02	0.00000E+00
47	0.35780E-01	-0.29738E-02	-0.32178E-01	0.00000E+00
48	0.35790E-01	-0.29742E-02	-0.32248E-01	0.00000E+00
49	0.31447E-01	-0.24420E-02	-0.25496E-01	0.00000E+00
50	0.35812E-01	-0.29971E-02	-0.32408E-01	0.00000E+00
51	0.30831E-01	-0.22843E-02	-0.19821E-01	0.00000E+00
52	0.34871E-01	-0.24244E-02	-0.24403E-01	0.00000E+00
53	0.35747E-01	-0.29545E-02	-0.31935E-01	0.00000E+00
54	0.24792E-01	-0.14441E-02	-0.10124E-01	0.00000E+00
55	0.29558E-01	-0.18597E-02	-0.13028E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.10011E-01	-0.31993E-03	0.13518E-02	0.00000E+00
58	0.19268E-01	-0.68893E-03	0.13712E-02	0.00000E+00
59	0.33165E-01	-0.22127E-02	-0.15656E-01	0.00000E+00
60	0.34460E-01	-0.23545E-02	-0.21881E-01	0.00000E+00
61	0.35819E-01	-0.30060E-02	-0.32485E-01	0.00000E+00
62	0.21951E-01	-0.98579E-03	0.14821E-02	0.00000E+00
63	0.25923E-01	-0.13995E-02	0.12620E-02	0.00000E+00
64	0.35066E-01	-0.24627E-02	-0.24527E-01	0.00000E+00
65	0.35826E-01	-0.30147E-02	-0.32563E-01	0.00000E+00
66	0.35878E-01	-0.30325E-02	-0.32717E-01	0.00000E+00
67	0.35930E-01	-0.30518E-02	-0.32872E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.84442E-02	-0.97935E-04	-0.39159E-02	0.00000E+00
70	0.16035E-01	-0.71536E-03	0.10874E-01	0.00000E+00
71	0.29621E-01	-0.19184E-02	0.49422E-03	0.00000E+00
72	0.35071E-01	-0.23703E-02	-0.22411E-01	0.00000E+00
73	0.21735E-01	-0.14119E-02	-0.13959E-01	0.00000E+00
74	0.36203E-01	-0.25456E-02	-0.23179E-01	0.00000E+00
75	0.35974E-01	-0.30719E-02	-0.33021E-01	0.00000E+00
76	0.36255E-01	-0.31149E-02	-0.33299E-01	0.00000E+00
77	0.24846E-01	-0.18106E-02	-0.15134E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.69565E-02	-0.11868E-03	0.10261E-01	0.00000E+00
80	0.12786E-01	-0.59762E-03	0.19757E-01	0.00000E+00
81	0.14400E-01	-0.95384E-03	0.22385E-01	0.00000E+00
82	0.17125E-01	-0.13371E-02	0.25353E-01	0.00000E+00
83	0.32350E-01	-0.24780E-02	-0.87265E-03	0.00000E+00
84	0.24044E-01	-0.22927E-02	0.25643E-01	0.00000E+00
85	0.36843E-01	-0.31718E-02	-0.33671E-01	0.00000E+00
86	0.37329E-01	-0.28926E-02	-0.24272E-01	0.00000E+00
87	0.19701E-01	-0.18106E-02	0.27527E-01	0.00000E+00
88	0.35670E-01	-0.26522E-02	-0.12947E-01	0.00000E+00
89	0.37370E-01	-0.32290E-02	-0.34039E-01	0.00000E+00
90	0.91898E-02	-0.93113E-03	0.36858E-01	0.00000E+00
91	0.10110E-01	-0.12938E-02	0.40093E-01	0.00000E+00
92	0.10996E-01	-0.15928E-02	0.41275E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.51313E-03	0.00000E+00	0.20528E-01	0.00000E+00
95	0.15107E-02	0.00000E+00	0.37461E-01	0.00000E+00
96	0.18173E-02	0.00000E+00	0.41429E-01	0.00000E+00
97	0.24790E-02	0.00000E+00	0.44914E-01	0.00000E+00
98	0.25827E-02	0.00000E+00	0.45903E-01	0.00000E+00
99	0.63713E-02	-0.88092E-03	0.42592E-01	0.00000E+00
100	0.13423E-01	-0.18770E-02	0.39785E-01	0.00000E+00
101	0.26905E-01	-0.30242E-02	0.25596E-01	0.00000E+00
102	0.38772E-01	-0.33205E-02	-0.34587E-01	0.00000E+00
103	0.34829E-01	-0.28746E-02	-0.16727E-02	0.00000E+00
104	0.39459E-01	-0.33631E-02	-0.25864E-01	0.00000E+00
105	0.39951E-01	-0.34100E-02	-0.35117E-01	0.00000E+00
106	0.36168E-01	-0.33095E-02	-0.27668E-02	0.00000E+00
107	0.41027E-01	-0.37017E-02	-0.27214E-01	0.00000E+00
108	0.40951E-01	-0.35052E-02	-0.35628E-01	0.00000E+00
109	0.41756E-01	-0.35963E-02	-0.36108E-01	0.00000E+00
110	0.38116E-01	-0.39779E-02	-0.49936E-02	0.00000E+00
111	0.42232E-01	-0.40163E-02	-0.28471E-01	0.00000E+00
112	0.42414E-01	-0.36873E-02	-0.36559E-01	0.00000E+00
113	0.39543E-01	-0.41922E-02	-0.10276E-01	0.00000E+00
114	0.42885E-01	-0.37767E-02	-0.36971E-01	0.00000E+00
115	0.43197E-01	-0.38609E-02	-0.37347E-01	0.00000E+00
116	0.43316E-01	-0.39352E-02	-0.37671E-01	0.00000E+00

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117	0.42688E-01	-0.43945E-02	-0.29544E-01	0.00000E+00
118	0.43314E-01	-0.39690E-02	-0.37819E-01	0.00000E+00
119	0.43265E-01	-0.40171E-02	-0.38037E-01	0.00000E+00
120	0.43086E-01	-0.48423E-02	-0.30984E-01	0.00000E+00
121	0.43196E-01	-0.40794E-02	-0.38302E-01	0.00000E+00
122	0.43189E-01	-0.41354E-02	-0.38415E-01	0.13924E-04
123	0.43146E-01	-0.42572E-02	-0.38513E-01	0.25339E-04
124	0.43071E-01	-0.44551E-02	-0.38611E-01	0.39124E-04
125	0.42933E-01	-0.47485E-02	-0.38715E-01	0.56709E-04
126	0.42604E-01	-0.54564E-02	-0.38887E-01	0.80984E-04
127	0.42190E-01	-0.63303E-02	-0.39054E-01	0.90688E-04
128	0.41320E-01	-0.82796E-02	-0.39397E-01	0.80385E-04
129	0.40702E-01	-0.97597E-02	-0.39713E-01	0.52428E-04
130	0.40374E-01	-0.10626E-01	-0.40057E-01	0.15343E-04
131	0.40540E-01	-0.10212E-01	-0.40580E-01	-0.26809E-04
132	0.41049E-01	-0.85888E-02	-0.41036E-01	-0.40634E-04
133	0.41524E-01	-0.68254E-02	-0.41437E-01	-0.36567E-04
134	0.41843E-01	-0.53501E-02	-0.41760E-01	-0.30312E-04
135	0.42064E-01	-0.40627E-02	-0.42015E-01	-0.28139E-04
136	0.42225E-01	-0.27944E-02	-0.42203E-01	-0.28539E-04
137	0.42320E-01	-0.15442E-02	-0.42313E-01	-0.28562E-04
138	0.42384E-01	-0.22982E-03	-0.42384E-01	-0.26939E-04
139	0.42384E-01	-0.28618E-04	-0.42384E-01	-0.23631E-04

5A0

000544

5622

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7000E+01

5A1

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.75394E-01	-0.32230E-01	0.13206E-01	0.15943E+01	0.22913E-02	-0.15591E+01
2	-0.12353E+00	-0.30267E-01	0.31281E-01	0.13795E+01	0.30632E-01	-0.13899E+01
3	-0.12840E+00	-0.14910E-01	0.64731E-01	0.10652E+01	0.11463E+00	-0.10993E+01
4	-0.43819E-01	-0.64360E-01	-0.10898E+00	0.80864E+00	0.54114E-01	-0.78246E+00
5	-0.42073E-01	-0.20677E-01	0.41565E-01	0.84632E+00	0.64675E-01	-0.83622E+00
6	-0.11790E-01	-0.68515E-01	0.89846E-01	0.83563E+00	0.24257E-01	-0.85176E+00
7	0.60170E-01	0.73552E-02	0.88192E-01	0.50150E+00	-0.14494E-02	-0.51838E+00
8	0.76612E-01	-0.91619E-02	0.12795E+00	0.50225E+00	0.11659E-01	-0.54364E+00
9	-0.45526E-01	-0.44550E-01	0.57440E-02	0.15317E+01	0.21291E-01	-0.14636E+01
10	-0.49225E-01	-0.32823E-01	0.79781E-01	0.13614E+01	0.52013E-01	-0.13247E+01
11	-0.40591E-01	-0.19092E-01	0.25664E+00	0.10940E+01	0.11188E+00	-0.11040E+01
12	0.13326E+00	0.37082E-01	0.20877E+00	0.82965E+00	0.10496E-01	-0.84444E+00
13	0.18633E-01	-0.21949E-02	0.13013E+00	0.86177E+00	0.62637E-01	-0.91849E+00
14	0.77252E-01	-0.56731E-01	0.20329E+00	0.86631E+00	0.53592E-01	-0.91117E+00
15	0.17035E+00	0.70496E-02	0.20900E+00	0.53681E+00	0.93122E-03	-0.57339E+00
16	0.21997E+00	0.11201E-01	0.27241E+00	0.57289E+00	0.20833E-01	-0.62545E+00
17	-0.79227E-01	-0.13281E+00	-0.74454E-02	0.14970E+01	0.47981E-01	-0.12807E+01
18	-0.73816E-01	-0.14800E+00	0.11875E+00	0.13316E+01	0.12853E+00	-0.12012E+01
19	-0.47259E-01	-0.12637E+00	0.43952E+00	0.10669E+01	0.31575E+00	-0.10992E+01
20	0.15068E+00	0.85853E-02	0.29315E+00	0.84605E+00	0.76336E-01	-0.90330E+00
21	-0.33070E-01	-0.10703E+00	0.24321E+00	0.90301E+00	0.18953E+00	-0.10661E+01
22	0.99829E-01	-0.19437E+00	0.29850E+00	0.92005E+00	0.12936E+00	-0.11125E+01
23	0.24910E+00	-0.52136E-01	0.30482E+00	0.62371E+00	0.20010E-01	-0.73239E+00
24	0.52078E+00	0.44446E-01	0.47264E+00	0.64233E+00	-0.58031E-01	-0.79149E+00
25	0.18664E+00	-0.21579E+00	0.26697E+00	0.70832E+00	0.66649E-01	-0.95157E+00
26	0.43720E+00	-0.21998E+00	0.37394E+00	0.66236E+00	-0.94271E-01	-0.10717E+01
27	-0.11419E+00	-0.21056E+00	-0.24471E-01	0.14808E+01	0.70418E-01	-0.11018E+01
28	-0.83530E-01	-0.22749E+00	0.15988E+00	0.13290E+01	0.20027E+00	-0.10701E+01
29	-0.37982E-01	-0.25940E+00	0.57230E+00	0.10841E+01	0.58212E+00	-0.10419E+01
30	0.75531E-01	-0.19376E+00	0.32557E+00	0.99170E+00	0.23282E+00	-0.11079E+01
31	-0.19799E+00	-0.33690E+00	0.20579E+00	0.10031E+01	0.38767E+00	-0.11815E+01
32	0.25845E-01	-0.23139E+00	0.34886E+00	0.97921E+00	0.32709E+00	-0.11958E+01
33	0.34376E+00	-0.25645E+00	0.34847E+00	0.90656E+00	0.32685E-01	-0.11525E+01
34	0.10041E+01	0.20109E+00	0.73600E+00	0.97801E+00	-0.26702E+00	-0.12942E+01
35	0.12516E-02	-0.46738E+00	0.11765E+00	0.10086E+01	-0.52343E-01	-0.12954E+01
36	-0.18213E+00	-0.49145E+00	0.88992E-01	0.91389E+00	0.35304E+00	-0.13884E+01
37	0.20628E+00	-0.17942E+00	0.33052E+00	0.10313E+01	-0.59615E-01	-0.14693E+01
38	-0.15122E+00	-0.20274E+00	0.49380E-02	0.14463E+01	0.10201E+00	-0.77664E+00
39	-0.21195E+00	-0.25447E+00	0.23065E+00	0.13223E+01	0.30981E+00	-0.77168E+00
40	-0.24262E+00	-0.31911E+00	0.69472E+00	0.11752E+01	0.96189E+00	-0.98924E+00
41	-0.36745E+00	-0.37537E+00	0.79869E+00	0.12599E+01	0.82104E+00	-0.89938E+00
42	-0.59470E+00	-0.18651E+00	0.96322E+00	0.11521E+01	0.10267E+01	-0.54200E+00
43	-0.28145E+00	-0.47448E+00	0.21348E+00	0.10806E+01	0.54506E+00	-0.12281E+01
44	-0.25681E+00	-0.26999E+00	0.41229E+00	0.10906E+01	0.80943E+00	-0.89715E+00
45	-0.61169E+00	-0.42740E+00	0.37365E+00	0.11323E+01	0.84300E+00	-0.90595E+00
46	-0.30788E+00	-0.11108E+00	0.66052E+00	0.10312E+01	0.58423E+00	-0.59335E+00
47	0.23720E-01	-0.27134E+00	0.25210E+00	0.98521E+00	0.27017E+00	-0.14998E+01
48	-0.26219E+00	-0.44583E+00	0.43853E-01	0.10446E+01	0.14302E+00	-0.15337E+01
49	-0.42165E+00	-0.50735E+00	0.65169E-01	0.10912E+01	0.62851E+00	-0.17620E+01
50	-0.98631E+00	-0.48740E+00	-0.19819E-01	0.99407E+00	0.15422E+01	-0.93122E+00
51	-0.33199E-01	-0.64850E-01	0.22285E+00	0.50223E-01	0.16551E+00	-0.26851E+00
52	0.62107E+00	0.12711E+01	0.11389E+01	-0.26899E+00	0.89249E+00	0.31803E+01
53	-0.46960E+00	-0.82441E-01	0.64387E+00	0.87992E+00	0.94460E+00	-0.68059E+00
54	-0.20326E+00	-0.18472E+00	0.46410E-01	0.13143E+01	0.13057E+00	-0.16965E+00

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55	-0.34738E+00	-0.18595E+00	0.35606E+00	0.12215E+01	0.36135E+00	-0.25377E+00
56	-0.73028E+00	-0.15514E+00	0.11826E+01	0.10928E+01	0.10184E+01	-0.24373E+00
57	-0.54953E+00	-0.16783E+00	0.75871E+00	0.98652E+00	0.74872E+00	-0.31243E+00
58	-0.57672E+00	-0.14343E+00	0.37934E+00	0.82397E+00	0.90215E+00	-0.33414E+00
59	0.42700E-01	-0.35504E-01	0.14226E+00	0.12236E+01	-0.49777E-01	0.16662E+00
60	-0.31196E+00	-0.10611E+00	0.13048E+00	0.10484E+01	0.22823E+00	0.72454E+00
61	-0.23327E+00	-0.39007E-01	0.21954E+00	0.10305E+01	0.20151E+00	0.72362E+00
62	0.18550E+00	0.15649E+00	0.30726E+00	0.85024E+00	-0.60879E-01	0.12546E+01
63	-0.36207E+00	-0.13065E+00	0.45741E+00	0.10368E+01	0.28197E+00	0.31013E+00
64	-0.32058E+00	-0.10724E+00	0.52149E+00	0.82371E+00	0.23776E+00	0.88760E+00
65	-0.89000E+00	-0.15938E+00	0.13021E+01	0.97971E+00	0.77187E+00	0.61602E-01
66	-0.10550E+01	-0.13422E+00	0.14162E+01	0.78716E+00	0.85099E+00	0.40923E+00
67	-0.84274E+00	-0.15101E+00	0.14714E+01	0.60910E+00	0.62229E+00	0.97954E+00
68	-0.74858E+00	-0.20203E+00	0.87095E+00	0.85958E+00	0.65353E+00	-0.23034E-01
69	-0.57194E+00	-0.10919E+00	0.96953E+00	0.77270E+00	0.46223E+00	0.45429E+00
70	-0.80821E+00	-0.17509E+00	0.95173E+00	0.59674E+00	0.50710E+00	0.65845E+00
71	-0.72236E+00	-0.14444E+00	0.10371E+01	0.74175E+00	0.68523E+00	0.68792E-01
72	-0.78995E+00	-0.13345E+00	0.11177E+01	0.61937E+00	0.49964E+00	0.38328E+00
73	-0.79969E-01	0.23655E-01	0.13987E+00	0.45757E+00	0.18258E-01	0.18818E+01
74	-0.22102E+00	0.45288E-01	0.53912E+00	0.42380E+00	0.38747E-01	0.16165E+01
75	-0.72749E+00	0.16725E-01	0.13492E+01	0.38058E+00	0.72759E-01	0.12154E+01
76	-0.56533E+00	-0.43702E-01	0.10373E+01	0.60734E+00	0.41102E-01	0.65474E+00
77	-0.45383E+00	-0.10539E+00	0.37925E+00	0.25487E+00	0.18715E-01	0.10786E+01
78	-0.25189E+00	0.32971E+00	0.10762E+01	0.18372E+00	-0.24125E-01	0.75768E+00
79	-0.68651E+00	-0.10822E+00	0.10501E+01	0.39880E+00	0.32995E-01	0.60011E+00
80	-0.63576E+00	-0.10053E+00	0.93432E+00	0.23757E+00	-0.20749E+00	0.71035E+00
81	-0.46964E+00	-0.55119E-01	0.91661E+00	0.11014E+00	-0.53223E-01	0.43063E+00
82	-0.31493E+00	0.30227E+00	0.10706E+01	0.94201E-01	-0.11450E+00	0.21653E+00
83	-0.57845E+00	-0.52218E-01	0.10293E+01	0.28434E+00	-0.22630E+00	0.33963E+00
84	-0.81617E+00	-0.16517E+00	0.10321E+01	0.26873E+00	0.10986E-01	0.45532E+00
85	-0.92270E+00	-0.11971E+00	0.11689E+01	0.48519E+00	0.72006E-01	0.14681E+00
86	-0.89201E+00	-0.13123E+00	0.12572E+01	0.40625E+00	0.43199E-01	0.21189E-01
87	-0.71719E+00	-0.97582E-02	0.13380E+01	0.49137E+00	0.49234E+00	0.47997E+00
88	-0.84222E+00	-0.17470E+00	0.11509E+01	0.56008E+00	0.77926E+00	-0.61305E-01
89	-0.90672E+00	-0.19981E+00	0.11591E+01	0.54572E+00	0.81564E+00	-0.17860E+00
90	-0.87094E+00	-0.89908E-01	0.13396E+01	0.39880E+00	0.81265E+00	0.30899E-01
91	-0.10072E+01	-0.27319E+00	0.11487E+01	0.37762E+00	0.89120E+00	-0.25044E+00
92	-0.95652E+00	-0.19685E+00	0.11990E+01	0.32065E+00	0.89137E+00	-0.29825E+00
93	-0.58769E+00	-0.36271E-01	0.61680E+00	0.69433E+00	0.10979E+01	-0.52404E+00
94	-0.68212E+00	-0.23129E+00	0.66776E+00	0.63203E+00	0.10409E+01	-0.43101E+00
95	-0.46771E+00	-0.32178E+00	0.65014E+00	0.48655E+00	0.11155E+01	-0.38672E+00
96	-0.53465E+00	-0.11715E+00	0.99608E+00	0.69736E+00	0.99855E+00	-0.26913E+00
97	-0.39749E+00	-0.22445E+00	0.72836E+00	0.60778E+00	0.11115E+01	-0.36823E+00
98	-0.48829E+00	-0.16473E+00	0.97432E+00	0.44758E+00	0.10743E+01	-0.25902E+00
99	-0.46464E+00	0.77292E-02	0.12359E+01	0.55724E+00	0.96450E+00	-0.17053E+00
100	-0.41447E+00	-0.29511E-01	0.10739E+01	0.42132E+00	0.10766E+01	-0.26795E+00
101	-0.53788E+00	-0.99471E-01	0.88561E+00	0.35088E+00	0.11243E+01	-0.26680E+00
102	-0.40719E+00	0.65063E-02	0.12144E+01	0.35969E+00	0.10550E+01	-0.32825E+00
103	-0.33539E+00	-0.54250E-01	0.91669E+00	0.13906E+00	0.11079E+01	-0.20460E+00
104	-0.38679E+00	-0.10372E+00	0.84266E+00	0.10803E+00	0.11192E+01	-0.24277E+00
105	-0.35762E+00	-0.34746E-01	0.58365E+00	0.61933E+00	0.12356E+01	-0.39237E+00
106	-0.54789E+00	-0.29897E+00	0.71783E-01	0.12862E+00	0.12410E+01	-0.26191E+00
107	-0.42435E+00	-0.26741E+00	0.20521E+00	0.35595E+00	0.12187E+01	-0.22878E+00
108	-0.31073E+00	-0.23316E+00	0.29468E+00	0.36410E+00	0.12114E+01	-0.24716E+00
109	-0.18859E+00	-0.54072E-01	0.34730E+00	0.20295E+00	0.12370E+01	-0.26353E+00
110	0.13222E+00	0.90137E-01	0.63172E+00	0.51775E+00	0.11928E+01	-0.31632E+00
111	0.41279E+00	0.33243E+00	0.74381E+00	0.38104E+00	0.12112E+01	-0.22791E+00
112	0.42109E+00	0.34118E+00	0.75580E+00	0.55540E+00	0.12094E+01	-0.22753E+00
113	0.30167E+00	0.39936E-01	0.78505E+00	0.51686E+00	0.11151E+01	-0.37576E+00
114	0.43423E+00	0.35399E+00	0.77583E+00	0.47833E+00	0.11581E+01	-0.22117E+00

542

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115	0.45571E+00	0.36912E+00	0.81433E+00	0.80160E+00	0.11496E+01	-0.21753E+00
116	0.15971E+00	0.71264E-02	0.75012E+00	0.60287E+00	0.10450E+01	-0.35540E+00
117	0.16622E+00	0.20266E+00	0.67981E+00	0.64539E+00	0.10629E+01	-0.20230E+00
118	0.19223E+00	0.22253E+00	0.72496E+00	0.54793E+00	0.10534E+01	-0.19035E+00
119	0.93961E-01	0.10235E+00	0.80389E+00	0.42109E+00	0.97175E+00	-0.28196E+00
120	0.43803E-01	0.14239E+00	0.65782E+00	0.42157E+00	0.99608E+00	-0.16922E+00
121	0.62165E-01	0.16103E+00	0.68514E+00	0.34206E+00	0.99161E+00	-0.15206E+00
122	0.80444E-01	0.12240E+00	0.82196E+00	0.30305E+00	0.91582E+00	-0.25020E+00
123	0.13415E+00	0.21406E+00	0.74017E+00	0.22273E+00	0.93643E+00	-0.12650E+00
124	0.14532E+00	0.23090E+00	0.75126E+00	0.13646E+00	0.93647E+00	-0.10581E+00
125	0.28607E-01	0.23340E-01	0.74666E+00	0.76758E-01	0.87010E+00	-0.19340E+00
126	0.15729E+00	0.24695E+00	0.74159E+00	0.22607E-02	0.89350E+00	-0.73137E-01
127	0.15942E+00	0.25611E+00	0.73776E+00	-0.64464E-01	0.89649E+00	-0.56628E-01
128	0.23072E+00	0.19307E+00	0.78534E+00	-0.34766E-01	0.83425E+00	-0.15558E+00
129	0.52297E+00	0.48495E+00	0.92608E+00	-0.14087E+00	0.80419E+00	-0.34678E-01
183	-0.60336E+00	-0.15540E+00	0.42722E+00	0.91845E+00	0.13005E+01	-0.93874E+00

5A3

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.67522E-01	0.45015E+00	-0.38262E+00	0.92708E+01	0.17197E+02	-0.23970E+01
131	0.70584E-01	0.47056E+00	-0.39997E+00	0.33899E+02	0.34970E+02	-0.72115E+00
132	0.54474E-01	0.36316E+00	-0.30868E+00	0.56856E+02	0.55659E+02	-0.28338E+01
133	0.54812E-01	0.36541E+00	-0.31060E+00	0.82316E+02	0.75731E+02	-0.67075E+01
134	0.93036E-01	0.62026E+00	-0.52722E+00	0.11135E+03	0.94910E+02	-0.14807E+02
135	0.82548E-01	0.55032E+00	-0.46777E+00	0.13062E+03	0.10700E+03	-0.24664E+02
136	0.10288E+00	0.68574E+00	-0.58288E+00	0.15009E+03	0.11386E+03	-0.34053E+02
137	0.14834E+00	0.98894E+00	-0.84060E+00	0.15463E+03	0.11698E+03	-0.37111E+02
138	-0.14448E+00	-0.96318E+00	0.84355E+00	0.16139E+03	0.16743E+03	-0.43178E+02
139	-0.51130E+00	-0.34087E+01	0.30935E+01	0.16279E+03	0.26532E+03	-0.42010E+02
140	-0.89357E+00	-0.59572E+01	0.50636E+01	0.20265E+03	0.32090E+03	-0.51298E+02
141	-0.82999E+00	-0.55333E+01	0.47033E+01	0.20805E+03	0.32255E+03	-0.53911E+02
142	-0.92657E+00	-0.61771E+01	0.52505E+01	0.21938E+03	0.32477E+03	-0.61843E+02
143	-0.95488E+00	-0.63659E+01	0.54110E+01	-0.68552E+02	0.28310E+03	0.21875E+03
144	-0.12534E+01	-0.83588E+01	0.71024E+01	-0.65404E+02	0.28938E+03	0.22044E+03
145	0.54093E+00	0.36062E+01	0.33259E+01	-0.88219E+02	0.21339E+03	0.28301E+03
146	0.20990E+00	0.13994E+01	0.16132E+01	-0.46051E+02	0.15506E+03	0.19672E+03
147	0.20551E+00	0.13701E+01	0.16359E+01	-0.44695E+02	0.15187E+03	0.19758E+03
148	0.20012E+00	0.13342E+01	-0.30430E-01	-0.46566E+02	0.14744E+03	0.19698E+03
149	0.19376E+00	0.12917E+01	-0.34423E-01	-0.53861E+02	0.14143E+03	0.19655E+03
150	0.20808E+00	0.13872E+01	0.27793E+00	-0.59501E+02	0.14075E+03	0.19432E+03
151	0.24454E+00	0.16303E+01	-0.53257E+01	-0.73224E+02	0.15339E+03	0.19627E+03
152	0.25364E+00	0.16909E+01	-0.98843E+01	-0.71805E+02	0.15972E+03	0.19548E+03
153	0.26943E+00	0.17962E+01	-0.87147E+01	-0.70531E+02	0.17052E+03	0.19187E+03
154	0.31131E+00	0.20754E+01	-0.17195E+02	-0.72852E+02	0.19833E+03	0.18792E+03
155	0.37326E+00	0.24886E+01	-0.14218E+02	-0.64137E+02	0.24129E+03	0.17695E+03
156	0.42041E+00	0.28027E+01	-0.11759E+02	-0.65773E+02	0.27272E+03	0.16536E+03
157	0.45408E+00	0.30272E+01	-0.91374E+01	-0.57700E+02	0.29656E+03	0.14807E+03
158	0.47606E+00	0.31738E+01	-0.71929E+01	-0.55157E+02	0.31172E+03	0.13180E+03
159	0.48708E+00	0.32472E+01	-0.47338E+01	-0.52333E+02	0.31955E+03	0.11036E+03
160	0.48636E+00	0.32458E+01	-0.26425E+01	-0.46354E+02	0.32031E+03	0.90957E+02
161	0.52490E+00	0.34993E+01	-0.17096E+00	-0.37273E+02	0.32483E+03	0.65830E+02
162	0.51802E+00	0.34535E+01	0.16350E+01	-0.29764E+02	0.30157E+03	0.47760E+02
163	0.57557E+00	0.38379E+01	0.26712E+01	-0.23171E+02	0.33663E+03	0.35400E+02
164	0.54344E+00	0.36229E+01	0.28985E+01	-0.32209E+02	0.31622E+03	0.35489E+02

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165	0.29954E+03	0.40596E+02	0.43418E+01	0.16071E+02	0.31168E+03	0.34750E+02
166	0.24116E+03	0.29686E+02	0.66565E+01	0.11724E+02	0.28792E+03	0.30811E+02
167	0.18936E+03	0.21830E+02	0.65418E+01	0.91948E+01	0.24423E+03	0.27576E+02
168	0.14264E+03	0.15739E+02	0.56511E+01	0.66737E+01	0.19988E+03	0.24845E+02
169	0.88114E+02	0.70553E+01	0.61250E+01	0.43435E+01	0.16930E+03	0.21804E+02
170	0.34401E+02	-0.26818E+01	0.77086E+01	0.17375E+01	0.14880E+03	0.18369E+02
171	-0.18744E+02	-0.11646E+02	0.84889E+01	-0.16951E+01	0.11273E+03	0.13699E+02
172	-0.48890E+02	-0.15313E+02	0.75004E+01	-0.50806E+01	0.66598E+02	0.89143E+01
173	-0.47148E+02	-0.12006E+02	0.45141E+01	-0.68708E+01	0.27868E+02	0.59232E+01
174	-0.26564E+02	-0.55444E+01	0.13230E+01	-0.70717E+01	0.17142E+01	0.44380E+01
175	-0.57009E+01	-0.49974E+00	-0.39134E+00	-0.54888E+01	-0.25888E+01	0.44302E+01
176	0.12184E+01	0.64837E+00	-0.45414E+00	-0.40267E+01	0.21141E+01	0.45830E+01
177	0.14574E+01	0.40435E+00	-0.18639E+00	-0.29082E+01	0.46772E+01	0.38978E+01
178	0.36473E+00	0.57761E-01	-0.13571E+01	-0.20632E+01	0.38081E+01	0.28163E+01
179	-0.70235E-01	-0.28602E-01	0.73800E-02	-0.15651E+01	0.27129E+01	0.20003E+01
180	-0.63033E-02	-0.22736E-01	0.15516E-01	-0.10627E+01	0.15728E+01	0.12148E+01
181	-0.39284E-01	-0.25443E-01	0.13991E-01	-0.61301E+00	0.70713E+00	0.43462E+00
182	0.13583E+00	0.63075E-01	-0.37131E-01	-0.12716E+00	-0.10588E+00	0.23849E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7100E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.28229E-01	0.31616E-05	-0.23911E-01	0.00000E+00
3	0.54457E-01	0.11830E-03	-0.54349E-01	0.00000E+00
4	0.61600E-01	0.33705E-04	-0.61041E-01	0.00000E+00
5	0.71651E-01	-0.64606E-04	-0.71591E-01	0.00000E+00
6	0.79101E-01	0.11855E-04	-0.79103E-01	0.00000E+00
7	0.71757E-01	0.90175E-03	-0.72060E-01	0.00000E+00
8	0.79375E-01	0.77084E-03	-0.79578E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.28465E-01	0.40664E-03	-0.28735E-01	0.00000E+00
11	0.54337E-01	0.97484E-03	-0.54959E-01	0.00000E+00
12	0.61433E-01	0.12268E-02	-0.62206E-01	0.00000E+00
13	0.72043E-01	0.13318E-02	-0.72872E-01	0.00000E+00
14	0.79939E-01	0.13365E-02	-0.80849E-01	0.00000E+00
15	0.72692E-01	0.23156E-02	-0.74797E-01	0.00000E+00
16	0.80873E-01	0.21975E-02	-0.82969E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.28016E-01	0.81313E-03	-0.29812E-01	0.00000E+00
19	0.54299E-01	0.21154E-02	-0.57330E-01	0.00000E+00
20	0.61899E-01	0.27021E-02	-0.65149E-01	0.00000E+00
21	0.73395E-01	0.29456E-02	-0.76958E-01	0.00000E+00
22	0.82218E-01	0.29304E-02	-0.85992E-01	0.00000E+00
23	0.74357E-01	0.41726E-02	-0.80006E-01	0.00000E+00
24	0.84017E-01	0.40401E-02	-0.90013E-01	0.00000E+00
25	0.85086E-01	0.50329E-02	-0.92437E-01	0.00000E+00
26	0.85721E-01	0.53459E-02	-0.93852E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.27221E-01	0.36578E-03	-0.30947E-01	0.00000E+00
29	0.53551E-01	0.26603E-02	-0.60017E-01	0.00000E+00
30	0.61840E-01	0.37219E-02	-0.68786E-01	0.00000E+00
31	0.74721E-01	0.49497E-02	-0.82932E-01	0.00000E+00
32	0.86352E-01	0.56338E-02	-0.95339E-01	0.00000E+00
33	0.74707E-01	0.51048E-02	-0.83788E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.26960E-01	0.70795E-03	-0.31179E-01	0.00000E+00
36	0.53163E-01	0.22786E-02	-0.60548E-01	0.00000E+00
37	0.61527E-01	0.52882E-02	-0.69417E-01	0.00000E+00
38	0.74681E-01	0.47206E-02	-0.84320E-01	0.00000E+00
39	0.87209E-01	0.58780E-02	-0.97768E-01	0.00000E+00
40	0.87037E-01	0.58636E-02	-0.97237E-01	0.00000E+00
41	0.86864E-01	0.58489E-02	-0.96726E-01	0.00000E+00
42	0.86675E-01	0.58215E-02	-0.96121E-01	0.00000E+00
43	0.60926E-01	0.22102E-02	-0.69696E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.26207E-01	0.15834E-03	-0.31445E-01	0.00000E+00
46	0.52018E-01	0.10626E-02	-0.60876E-01	0.00000E+00
47	0.87261E-01	0.58778E-02	-0.97973E-01	0.00000E+00
48	0.87266E-01	0.58785E-02	-0.97943E-01	0.00000E+00
49	0.74637E-01	0.45815E-02	-0.84380E-01	0.00000E+00
50	0.87320E-01	0.59316E-02	-0.96195E-01	0.00000E+00
51	0.73776E-01	0.34530E-02	-0.83524E-01	0.00000E+00
52	0.85490E-01	0.58293E-02	-0.95555E-01	0.00000E+00
53	0.67243E-01	0.58545E-02	-0.98094E-01	0.00000E+00
54	0.66024E-01	0.18232E-02	-0.69508E-01	0.00000E+00
55	0.72479E-01	0.31528E-02	-0.82969E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.25511E-01	-0.45064E-03	-0.31044E-01	0.00000E+00
58	0.50488E-01	0.29881E-03	-0.60144E-01	0.00000E+00
59	0.82929E-01	0.48421E-02	-0.94016E-01	0.00000E+00
60	0.84722E-01	0.55172E-02	-0.94910E-01	0.00000E+00
61	0.87337E-01	0.59653E-02	-0.98364E-01	0.00000E+00
62	0.58254E-01	0.72145E-03	-0.63870E-01	0.00000E+00
63	0.69686E-01	0.18253E-02	-0.81653E-01	0.00000E+00
64	0.86059E-01	0.59374E-02	-0.96385E-01	0.00000E+00
65	0.87353E-01	0.59975E-02	-0.98529E-01	0.00000E+00
66	0.87481E-01	0.60617E-02	-0.98859E-01	0.00000E+00
67	0.87610E-01	0.61268E-02	-0.99199E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.25053E-01	-0.66398E-03	-0.29674E-01	0.00000E+00
70	0.48755E-01	-0.78644E-03	-0.57644E-01	0.00000E+00
71	0.80088E-01	0.31210E-02	-0.93075E-01	0.00000E+00
72	0.86543E-01	0.60113E-02	-0.96770E-01	0.00000E+00
73	0.66967E-01	0.30387E-03	-0.77933E-01	0.00000E+00
74	0.89172E-01	0.65146E-02	-0.99937E-01	0.00000E+00
75	0.87719E-01	0.61804E-02	-0.99510E-01	0.00000E+00
76	0.88414E-01	0.62810E-02	-0.10007E+00	0.00000E+00
77	0.76536E-01	0.15917E-02	-0.88103E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.24727E-01	-0.11394E-02	-0.28568E-01	0.00000E+00
80	0.47217E-01	-0.16140E-02	-0.54363E-01	0.00000E+00
81	0.53675E-01	-0.17116E-02	-0.61680E-01	0.00000E+00
82	0.63543E-01	-0.90162E-03	-0.72151E-01	0.00000E+00
83	0.89534E-01	0.49746E-02	-0.10315E+00	0.00000E+00
84	0.82300E-01	0.21815E-02	-0.92129E-01	0.00000E+00
85	0.89857E-01	0.64136E-02	-0.10080E+00	0.00000E+00
86	0.92421E-01	0.68982E-02	-0.10332E+00	0.00000E+00
87	0.72519E-01	0.14143E-03	-0.81637E-01	0.00000E+00
88	0.91672E-01	0.60452E-02	-0.10349E+00	0.00000E+00
89	0.91210E-01	0.65340E-02	-0.10150E+00	0.00000E+00
90	0.56873E-01	-0.71941E-03	-0.58830E-01	0.00000E+00
91	0.62144E-01	0.22548E-03	-0.63104E-01	0.00000E+00
92	0.65570E-01	0.11154E-02	-0.65470E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.22537E-01	0.00000E+00	-0.20497E-01	0.00000E+00
95	0.41495E-01	0.00000E+00	-0.37859E-01	0.00000E+00
96	0.46117E-01	0.00000E+00	-0.41963E-01	0.00000E+00
97	0.52007E-01	0.00000E+00	-0.46740E-01	0.00000E+00
98	0.54675E-01	0.00000E+00	-0.48436E-01	0.00000E+00
99	0.57393E-01	0.37396E-04	-0.55577E-01	0.00000E+00
100	0.69982E-01	0.15926E-02	-0.71081E-01	0.00000E+00
101	0.90675E-01	0.48969E-02	-0.97971E-01	0.00000E+00
102	0.94702E-01	0.66924E-02	-0.10250E+00	0.00000E+00
103	0.95000E-01	0.62970E-02	-0.10848E+00	0.00000E+00
104	0.97741E-01	0.75403E-02	-0.10755E+00	0.00000E+00
105	0.97606E-01	0.68416E-02	-0.10340E+00	0.00000E+00
106	0.98819E-01	0.75829E-02	-0.11170E+00	0.00000E+00
107	0.10182E+00	0.82762E-02	-0.11044E+00	0.00000E+00
108	0.10011E+00	0.69620E-02	-0.10420E+00	0.00000E+00
109	0.10212E+00	0.70674E-02	-0.10435E+00	0.00000E+00
110	0.10335E+00	0.97041E-02	-0.11453E+00	0.00000E+00
111	0.10487E+00	0.91066E-02	-0.11236E+00	0.00000E+00
112	0.10381E+00	0.71521E-02	-0.10538E+00	0.00000E+00
113	0.10502E+00	0.97212E-02	-0.11493E+00	0.00000E+00
114	0.10503E+00	0.72126E-02	-0.10574E+00	0.00000E+00
115	0.10591E+00	0.72577E-02	-0.10594E+00	0.00000E+00
116	0.10633E+00	0.72887E-02	-0.10595E+00	0.00000E+00

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5622

000550

117	0.10603E+00	0.96027E-02	-0.11266E+00	0.00000E+00
118	0.10636E+00	0.73008E-02	-0.10590E+00	0.00000E+00
119	0.10636E+00	0.73023E-02	-0.10572E+00	0.00000E+00
120	0.10651E+00	0.10144E-01	-0.11220E+00	0.00000E+00
121	0.10628E+00	0.72994E-02	-0.10543E+00	0.00000E+00
122	0.10629E+00	0.72947E-02	-0.10543E+00	0.96902E-06
123	0.10629E+00	0.72856E-02	-0.10541E+00	0.17344E-05
124	0.10628E+00	0.72710E-02	-0.10540E+00	0.27306E-05
125	0.10628E+00	0.72489E-02	-0.10538E+00	0.41833E-05
126	0.10625E+00	0.71906E-02	-0.10536E+00	0.69335E-05
127	0.10622E+00	0.71071E-02	-0.10533E+00	0.92617E-05
128	0.10612E+00	0.66619E-02	-0.10527E+00	0.12362E-04
129	0.10600E+00	0.65623E-02	-0.10521E+00	0.14363E-04
130	0.10585E+00	0.61617E-02	-0.10515E+00	0.16030E-04
131	0.10564E+00	0.54931E-02	-0.10507E+00	0.13053E-04
132	0.10549E+00	0.49488E-02	-0.10502E+00	0.10531E-04
133	0.10539E+00	0.44717E-02	-0.10499E+00	0.11133E-04
134	0.10527E+00	0.38195E-02	-0.10497E+00	0.16804E-04
135	0.10513E+00	0.28965E-02	-0.10496E+00	0.21119E-04
136	0.10503E+00	0.19565E-02	-0.10495E+00	0.19476E-04
137	0.10497E+00	0.10749E-02	-0.10495E+00	0.19558E-04
138	0.10494E+00	0.15558E-03	-0.10494E+00	0.18960E-04
139	0.10494E+00	0.19702E-04	-0.10494E+00	0.19672E-04

547

5628

000551

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7100E+01

548

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.88509E-02	0.40702E-01	-0.82400E-01	0.34798E+01	0.43199E-01	-0.35385E+01
2	-0.30548E-01	0.44036E-01	-0.15156E+00	0.32323E+01	0.39468E-01	-0.32145E+01
3	-0.10055E+00	0.23265E-01	-0.16733E+00	0.27629E+01	-0.80109E-01	-0.27391E+01
4	0.21371E+00	0.11135E+00	0.28960E+00	0.23343E+01	-0.14181E+00	-0.24340E+01
5	-0.87653E-01	0.58317E-02	-0.11992E+00	0.23219E+01	-0.74015E-01	-0.23885E+01
6	0.13178E+00	0.72147E-01	-0.11058E+00	0.23955E+01	-0.77957E-01	-0.24324E+01
7	0.61809E-01	0.41799E-03	-0.87585E-01	0.18360E+01	-0.45669E-01	-0.18199E+01
8	0.18160E+00	0.21356E-01	-0.10768E+00	0.18370E+01	-0.12064E+00	-0.18640E+01
9	0.90053E-01	0.27342E+00	0.71706E-01	0.34671E+01	-0.14791E-01	-0.35934E+01
10	0.54372E-01	0.32016E+00	-0.54108E-01	0.32463E+01	-0.58858E-01	-0.33391E+01
11	0.51924E-01	0.29405E+00	-0.40437E+00	0.28943E+01	-0.21056E+00	-0.29409E+01
12	0.40667E+00	0.21958E+00	-0.16897E-01	0.24774E+01	-0.25212E+00	-0.24368E+01
13	0.64985E-01	0.13302E+00	-0.26502E+00	0.25220E+01	-0.14279E+00	-0.25346E+01
14	0.38664E+00	0.23841E+00	-0.15987E+00	0.26044E+01	-0.24362E+00	-0.26892E+01
15	0.37567E+00	0.65168E-01	-0.12378E+00	0.19678E+01	-0.25801E+00	-0.19394E+01
16	0.45388E+00	0.54375E-01	-0.21336E+00	0.20288E+01	-0.31909E+00	-0.20623E+01
17	0.62557E-01	0.32762E+00	0.38284E-01	0.33776E+01	-0.71476E-03	-0.37258E+01
18	-0.49202E-01	0.44548E+00	-0.16185E+00	0.32378E+01	-0.29586E-01	-0.35073E+01
19	-0.20962E+00	0.51636E+00	-0.68809E+00	0.30309E+01	-0.17643E+00	-0.32118E+01
20	0.56181E+00	0.31960E+00	-0.13206E+00	0.27122E+01	-0.37740E+00	-0.26949E+01
21	0.45279E-01	0.47519E+00	-0.32487E+00	0.27964E+01	-0.13348E+00	-0.29577E+01
22	0.56682E+00	0.97099E+00	-0.16110E-02	0.29275E+01	-0.29377E+00	-0.32009E+01
23	-0.66794E+00	0.13625E+00	-0.21148E+00	0.22823E+01	-0.44787E+00	-0.22753E+01
24	0.13131E+01	0.48134E+00	0.98172E-01	0.25199E+01	-0.65374E+00	-0.23972E+01
25	0.67765E+00	0.51928E+00	-0.18666E+00	0.25728E+01	-0.43633E+00	-0.26759E+01
26	0.21753E+01	0.16191E+01	0.79915E+00	0.28038E+01	-0.76120E+00	-0.29423E+01
27	0.62897E-02	0.26103E+00	-0.26929E-01	0.32922E+01	0.20161E-01	-0.38061E+01
28	-0.16391E+00	0.40140E+00	-0.27214E+00	0.31461E+01	0.40057E-01	-0.36104E+01
29	-0.53099E+00	0.56146E+00	-0.88835E+00	0.28570E+01	0.67605E-01	-0.33775E+01
30	0.66763E-01	0.61445E+00	-0.39289E+00	0.28750E+01	-0.22600E+00	-0.32000E+01
31	-0.42895E-01	0.93146E+00	-0.31913E+00	0.27007E+01	0.48471E-01	-0.32940E+01
32	0.17268E+00	0.82434E+00	-0.28429E+00	0.26230E+01	-0.70396E-01	-0.33493E+01
33	0.16480E+01	0.13338E+01	0.45883E+00	0.28736E+01	-0.56546E+00	-0.30676E+01
34	0.37927E+01	0.27642E+01	0.18640E+01	0.29862E+01	-0.90293E+00	-0.32747E+01
35	0.84670E+00	0.79813E+00	-0.10717E+00	0.29442E+01	-0.33037E+00	-0.32724E+01
36	-0.24604E+00	0.24274E+00	-0.74950E+00	0.27445E+01	-0.47151E-01	-0.33185E+01
37	0.12274E+01	0.13784E+01	0.26800E+00	0.30331E+01	-0.35166E+00	-0.33873E+01
38	-0.13283E+00	0.25829E-01	-0.17318E+00	0.32299E+01	0.37220E-01	-0.38313E+01
39	-0.30126E+00	0.13462E+00	-0.42090E+00	0.31170E+01	0.10568E+00	-0.36140E+01
40	-0.55675E+00	0.52056E+00	-0.91642E+00	0.27627E+01	0.27000E+00	-0.33647E+01
41	-0.76007E+00	-0.41908E-01	-0.10943E+01	0.28849E+01	0.28240E+00	-0.33672E+01
42	-0.95411E+00	0.10886E+00	-0.10999E+01	0.28273E+01	0.37828E+00	-0.32263E+01
43	-0.33125E+00	0.44056E+00	-0.61046E+00	0.26527E+01	0.16834E+00	-0.33402E+01
44	-0.77884E+00	0.72966E-01	-0.92371E+00	0.25791E+01	0.38468E+00	-0.30792E+01
45	-0.10719E+01	-0.10367E+00	-0.10723E+01	0.27346E+01	0.30693E+00	-0.30615E+01
46	-0.55695E+00	0.31578E+00	-0.66824E+00	0.26344E+01	0.23511E+00	-0.29677E+01
47	0.31093E+00	0.81120E+00	-0.31702E+00	0.28796E+01	0.61770E-01	-0.34040E+01
48	0.24815E-01	0.68654E+00	-0.49297E+00	0.30363E+01	0.16587E+00	-0.34180E+01
49	-0.26990E+00	0.68297E+00	-0.57038E+00	0.29312E+01	0.32620E+00	-0.34814E+01
50	-0.27609E+01	-0.45332E+00	-0.19764E+01	0.24806E+01	0.10642E+01	-0.27284E+01
51	-0.80707E+00	-0.53972E+00	-0.13464E+01	0.11560E+00	0.17665E+00	-0.70340E+00
52	-0.19239E+01	-0.12295E+01	-0.20242E+01	-0.81718E+00	0.54235E+00	-0.10998E+01
53	-0.10171E+01	0.43568E+00	-0.85907E+00	0.22736E+01	0.36657E+00	-0.25466E+01
54	-0.39083E+00	-0.37559E+00	-0.42306E+00	0.31382E+01	0.56326E-01	-0.38176E+01

000552

5622

55	-0.53782E+00	-0.17242E+00	-0.60084E+00	0.30533E+01	0.15465E+00	-0.35810E+01
56	-0.96915E+00	-0.51264E-01	-0.10317E+01	0.27549E+01	0.39870E+00	-0.32123E+01
57	-0.90879E+00	0.13918E-01	-0.90186E+00	0.24825E+01	0.27897E+00	-0.28775E+01
58	-0.10206E+01	0.11430E+00	-0.95721E+00	0.21269E+01	0.31025E+00	-0.24932E+01
59	-0.31725E+00	-0.42741E+00	-0.36572E+00	0.31181E+01	0.24235E-01	-0.37922E+01
60	-0.69401E+00	-0.78914E+00	-0.71078E+00	0.30464E+01	0.14239E+00	-0.36222E+01
61	-0.59384E+00	-0.70932E+00	-0.60838E+00	0.30272E+01	0.11257E+00	-0.36202E+01
62	-0.61134E+00	-0.88984E+00	-0.63849E+00	0.30222E+01	0.13579E-01	-0.34876E+01
63	-0.69229E+00	-0.45503E+00	-0.71350E+00	0.29271E+01	0.24015E+00	-0.34703E+01
64	-0.82026E+00	-0.75650E+00	-0.81557E+00	0.27750E+01	0.21957E+00	-0.32620E+01
65	-0.10374E+01	-0.21936E+00	-0.10368E+01	0.26884E+01	0.64982E+00	-0.32013E+01
66	-0.13355E+01	-0.45032E+00	-0.10915E+01	0.24650E+01	0.74100E+00	-0.28573E+01
67	-0.10963E+01	-0.71659E+00	-0.98219E+00	0.22467E+01	0.62050E+00	-0.26538E+01
68	-0.11521E+01	-0.20239E+00	-0.10281E+01	0.23452E+01	0.49601E+00	-0.27844E+01
69	-0.10453E+01	-0.30231E+00	-0.92218E+00	0.22785E+01	0.44840E+00	-0.27396E+01
70	-0.15393E+01	-0.59497E+00	-0.11763E+01	0.20337E+01	0.61639E+00	-0.22591E+01
71	-0.12273E+01	-0.12403E+00	-0.10418E+01	0.20313E+01	0.55563E+00	-0.23649E+01
72	-0.14416E+01	-0.29177E+00	-0.10554E+01	0.18939E+01	0.66007E+00	-0.21330E+01
73	-0.41323E+00	-0.51233E+00	-0.38022E+00	0.28988E+01	0.77549E-01	-0.29962E+01
74	-0.59328E+00	-0.50624E+00	-0.46929E+00	0.25581E+01	0.23580E+00	-0.26319E+01
75	-0.92275E+00	-0.47160E+00	-0.49418E+00	0.20924E+01	0.69324E+00	-0.20806E+01
76	-0.13036E+01	-0.37444E+00	-0.86100E+00	0.21460E+01	0.64505E+00	-0.22566E+01
77	-0.93692E+00	-0.55030E+00	-0.64566E+00	0.15487E+01	0.44534E+00	-0.15109E+01
78	-0.11635E+01	-0.76184E+00	-0.72108E+00	0.13074E+01	0.50348E+00	-0.10332E+01
79	-0.15715E+01	-0.40212E+00	-0.94131E+00	0.15491E+01	0.74441E+00	-0.14874E+01
80	-0.18335E+01	-0.54435E+00	-0.96045E+00	0.11246E+01	0.70025E+00	-0.92468E+00
81	-0.84302E+00	-0.23923E+00	-0.39237E+00	0.63730E+00	0.50938E+00	-0.51917E+00
82	-0.11873E+01	-0.74440E+00	-0.67374E+00	0.57491E+00	0.54628E+00	-0.36758E+00
83	-0.16387E+01	-0.26461E+00	-0.75324E+00	0.93440E+00	0.69404E+00	-0.66159E+00
84	-0.19096E+01	-0.43322E+00	-0.10150E+01	0.10661E+01	0.85449E+00	-0.77055E+00
85	-0.21593E+01	-0.30755E+00	-0.11985E+01	0.14213E+01	0.10257E+01	-0.12997E+01
86	-0.21445E+01	-0.29702E+00	-0.11720E+01	0.11076E+01	0.10199E+01	-0.82432E+00
87	-0.14288E+01	-0.14328E+00	-0.99187E+00	0.14799E+01	0.69007E+00	-0.15972E+01
88	-0.14495E+01	-0.84239E-01	-0.11061E+01	0.15651E+01	0.68879E+00	-0.17625E+01
89	-0.15750E+01	-0.10145E+00	-0.11857E+01	0.13342E+01	0.76076E+00	-0.15108E+01
90	-0.17592E+01	-0.13276E+00	-0.11466E+01	0.98982E+00	0.84215E+00	-0.85196E+00
91	-0.18350E+01	-0.28604E+00	-0.13179E+01	0.89363E+00	0.88611E+00	-0.96491E+00
92	-0.18400E+01	-0.32145E+00	-0.12950E+01	0.65006E+00	0.87214E+00	-0.55551E+00
93	-0.12089E+01	0.67261E+00	-0.85705E+00	0.16040E+01	0.43170E+00	-0.21334E+01
94	-0.12609E+01	0.52919E-01	-0.11211E+01	0.16745E+01	0.35522E+00	-0.20904E+01
95	-0.90332E+00	-0.39329E+00	-0.11833E+01	0.12100E+01	0.21535E+00	-0.15137E+01
96	-0.11566E+01	0.20742E-02	-0.10936E+01	0.16678E+01	0.30574E+00	-0.19364E+01
97	-0.79763E+00	-0.25329E+00	-0.10641E+01	0.13307E+01	0.20858E+00	-0.12888E+01
98	-0.95345E+00	-0.12570E+00	-0.10560E+01	0.12049E+01	0.16453E+00	-0.13482E+01
99	-0.10278E+01	0.20943E+00	-0.95570E+00	0.13500E+01	0.26579E+00	-0.15437E+01
100	-0.83900E+00	0.66475E-01	-0.90562E+00	0.10032E+01	0.14454E+00	-0.96900E+00
101	-0.10023E+01	-0.17687E+00	-0.10142E+01	0.78228E+00	0.11513E+00	-0.68686E+00
102	-0.75603E+00	0.14596E+00	-0.75798E+00	0.75517E+00	0.12995E+00	-0.62924E+00
103	-0.60832E+00	-0.17571E+00	-0.77150E+00	0.33900E+00	-0.11864E-01	-0.27481E+00
104	-0.59362E+00	-0.17334E+00	-0.73213E+00	0.10848E+00	-0.24199E-01	-0.93633E-01
105	-0.15147E+01	0.44255E-01	-0.12440E+01	0.14065E+01	0.58974E+00	-0.20579E+01
106	-0.24090E+01	-0.14922E+01	-0.23192E+01	0.54163E-01	0.72990E+00	-0.88499E+00
107	-0.18269E+01	-0.92761E+00	-0.18438E+01	0.73574E+00	0.66796E+00	-0.14948E+01
108	-0.15343E+01	-0.83143E+00	-0.16952E+01	0.76517E+00	0.59193E+00	-0.14910E+01
109	-0.14826E+01	-0.89320E+00	-0.17359E+01	0.27305E+00	0.56361E+00	-0.88933E+00
110	-0.34549E+00	0.13230E+00	-0.84341E+00	0.10864E+01	0.45032E+00	-0.15027E+01
111	-0.98393E-01	-0.85728E-01	-0.87386E+00	0.78455E+00	0.30537E+00	-0.76624E+00
112	-0.73654E-01	-0.63405E-01	-0.83934E+00	0.12232E+01	0.29798E+00	-0.75463E+00
113	0.33133E+00	0.39656E+00	-0.43086E+00	0.13596E+01	0.14516E+00	-0.15331E+01
114	0.29563E+00	0.16335E+00	-0.57205E+00	0.11249E+01	0.22823E-01	-0.73687E+00

549

000553

115	0.35204E+00	0.19564E+00	-0.46332E+00	0.19404E+01	-0.33400E-02	-0.71137E+00
116	0.10771E+00	0.35595E+00	-0.44636E+00	0.15125E+01	-0.17185E+00	-0.13113E+01
117	-0.35385E+00	-0.22881E+00	-0.78390E+00	0.16685E+01	-0.36482E+00	-0.66499E+00
118	-0.29156E+00	-0.19769E+00	-0.65928E+00	0.14493E+01	-0.39598E+00	-0.61067E+00
119	-0.18765E+00	0.29615E+00	-0.45582E+00	0.12324E+01	-0.47147E+00	-0.96440E+00
120	-0.53903E+00	-0.34225E+00	-0.71622E+00	0.12559E+01	-0.62687E+00	-0.54356E+00
121	-0.49884E+00	-0.32446E+00	-0.63353E+00	0.10801E+01	-0.64812E+00	-0.47245E+00
122	-0.44259E-01	0.53352E+00	-0.19632E+00	0.10342E+01	-0.67594E+00	-0.71427E+00
123	-0.32799E+00	-0.21902E+00	-0.44883E+00	0.91322E+00	-0.81535E+00	-0.39115E+00
124	-0.30970E+00	-0.21734E+00	-0.40477E+00	0.73402E+00	-0.82823E+00	-0.30362E+00
125	-0.26119E+00	0.12485E+00	-0.36723E+00	0.61380E+00	-0.77846E+00	-0.28648E+00
126	-0.34451E+00	-0.24344E+00	-0.38177E+00	0.54346E+00	-0.85680E+00	-0.20788E+00
127	-0.34288E+00	-0.24930E+00	-0.37184E+00	0.34074E+00	-0.86095E+00	-0.14642E+00
128	-0.32472E-01	0.14763E+00	-0.14512E+00	0.40464E+00	-0.83581E+00	-0.99059E-01
129	0.36628E-01	-0.27796E-01	-0.95165E-01	0.34621E+00	-0.88164E+00	-0.52618E-01
183	-0.17125E+01	0.26801E+00	-0.12215E+01	0.23447E+01	0.62915E+00	-0.27201E+01

550

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.39564E+00	-0.26376E+01	0.22419E+01	0.46665E+02	-0.30321E+02	-0.22369E+02
131	-0.51053E-01	-0.34036E+00	0.28930E+00	0.95937E+02	-0.54091E+02	-0.72235E+02
132	-0.12260E+00	-0.81736E+00	0.69476E+00	0.15943E+03	-0.87017E+02	-0.12182E+03
133	-0.54957E-01	-0.36638E+00	0.31142E+00	0.23083E+03	-0.12020E+03	-0.17522E+03
134	-0.10370E+00	-0.69133E+00	0.58763E+00	0.30874E+03	-0.15399E+03	-0.23550E+03
135	-0.20824E+00	-0.13833E+01	0.11800E+01	0.36770E+03	-0.17938E+03	-0.28679E+03
136	-0.85205E-01	-0.56804E+00	0.48283E+00	0.41547E+03	-0.19126E+03	-0.31992E+03
137	-0.62754E-01	-0.41836E+00	0.35561E+00	0.40990E+03	-0.20636E+03	-0.33576E+03
138	-0.40816E+00	-0.27211E+01	0.17510E+01	0.41795E+03	-0.35472E+03	-0.35940E+03
139	0.20187E+00	0.13458E+01	-0.31995E+01	0.40128E+03	-0.64913E+03	-0.38254E+03
140	0.16823E+01	0.11216E+02	-0.95333E+01	0.50867E+03	-0.78612E+03	-0.42994E+03
141	0.16095E+01	0.10730E+02	-0.91204E+01	0.50340E+03	-0.79622E+03	-0.45827E+03
142	0.18238E+01	0.12159E+02	-0.10335E+02	0.52353E+03	-0.79984E+03	-0.48227E+03
143	0.18785E+01	0.12524E+02	-0.10645E+02	-0.19371E+03	-0.90738E+03	0.23285E+03
144	0.22055E+01	0.14703E+02	-0.12498E+02	-0.19480E+03	-0.90076E+03	0.20480E+03
145	-0.16784E+01	-0.11189E+02	0.31259E+01	0.17733E+03	-0.67654E+03	0.74287E+03
146	-0.68234E+00	-0.45489E+01	0.34031E+01	0.18652E+03	-0.49854E+03	0.69497E+03
147	-0.69173E+00	-0.46115E+01	0.33098E+01	0.17372E+03	-0.50770E+03	0.68013E+03
148	-0.70268E+00	-0.46845E+01	-0.75567E+00	0.17098E+03	-0.51656E+03	0.68288E+03
149	-0.71555E+00	-0.47704E+01	-0.67805E+00	0.17349E+03	-0.52612E+03	0.69990E+03
150	-0.80928E+00	-0.53952E+01	-0.24163E+00	0.13051E+03	-0.56256E+03	0.67591E+03
151	-0.97039E+00	-0.64693E+01	-0.14428E+02	0.13065E+03	-0.63267E+03	0.69483E+03
152	-0.93399E+00	-0.62266E+01	-0.26139E+02	0.13184E+03	-0.60803E+03	0.68724E+03
153	-0.87751E+00	-0.58500E+01	-0.23174E+02	0.11660E+03	-0.57235E+03	0.66951E+03
154	-0.74869E+00	-0.49913E+01	-0.44757E+02	0.10435E+03	-0.48760E+03	0.64783E+03
155	-0.56270E+00	-0.37513E+01	-0.36910E+02	0.11306E+03	-0.36127E+03	0.60260E+03
156	-0.40927E+00	-0.27285E+01	-0.31669E+02	0.95882E+02	-0.26072E+03	0.55494E+03
157	-0.28251E+00	-0.18834E+01	-0.25477E+02	0.91719E+02	-0.17614E+03	0.49806E+03
158	-0.17789E+00	-0.11859E+01	-0.21510E+02	0.78797E+02	-0.10775E+03	0.42694E+03
159	-0.94144E-01	-0.62763E+00	-0.15495E+02	0.59629E+02	-0.54337E+02	0.34817E+03
160	-0.30724E-01	-0.20483E+00	-0.11533E+02	0.48584E+02	-0.13364E+02	0.27439E+03
161	0.16039E-01	0.10693E+00	-0.65972E+01	0.38325E+02	0.15845E+02	0.18635E+03
162	0.39291E-01	0.26194E+00	-0.13633E+01	0.30884E+02	0.27845E+02	0.12368E+03
163	0.59160E-01	0.39440E+00	-0.13070E+01	0.76437E+01	0.36097E+02	0.81420E+02
164	0.80314E-01	0.53543E+00	-0.43343E+00	0.35046E+01	0.47974E+02	0.41958E+02

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165	0.21659E+02	0.32449E+01	-0.41981E+01	-0.38159E+01	0.54260E+02	0.25496E+02
166	0.16834E+02	0.64206E+01	-0.31844E+01	-0.37482E+01	0.52116E+02	0.24736E+02
167	0.14133E+02	0.45677E+01	-0.19741E+01	-0.36170E+01	0.46338E+02	0.24123E+02
168	0.12065E+02	0.31805E+01	-0.10626E+01	-0.35006E+01	0.40120E+02	0.23646E+02
169	0.10227E+02	0.24284E+01	-0.65641E+00	-0.33183E+01	0.37454E+02	0.23152E+02
170	0.36537E+01	0.20261E+01	-0.48946E+00	-0.31132E+01	0.38291E+02	0.22551E+02
171	0.53150E+01	0.13341E+01	-0.30906E+00	-0.28658E+01	0.38791E+02	0.21521E+02
172	0.34664E+01	0.38138E+00	-0.14685E+00	-0.26219E+01	0.38398E+02	0.20021E+02
173	0.21139E+01	0.50352E+00	-0.16101E-01	-0.24414E+01	0.35166E+02	0.18407E+02
174	-0.18267E+01	-0.63607E-01	-0.74169E-01	-0.22700E+01	0.30810E+02	0.16272E+02
175	-0.99608E+00	0.20222E+00	-0.24579E+00	-0.19493E+01	0.24174E+02	0.14056E+02
176	0.23367E+00	0.45033E+00	-0.32501E+00	-0.15851E+01	0.21170E+02	0.12285E+02
177	0.13361E+01	0.46510E+00	-0.20174E+00	-0.10493E+01	0.19550E+02	0.98670E+01
178	0.71982E+00	0.83594E-01	0.41668E-01	-0.65726E+00	0.14316E+02	0.71370E+01
179	-0.28615E+00	-0.10197E+00	0.66483E-01	-0.66732E+00	0.10145E+02	0.50194E+01
180	0.84875E-02	-0.13913E-01	0.19781E-01	-0.59834E+00	0.59837E+01	0.30270E+01
181	-0.70893E-01	-0.97423E-01	0.79812E-01	-0.66588E+00	0.27560E+01	0.10317E+01
182	0.31454E+00	0.14609E+00	-0.86012E-01	-0.30499E+00	-0.69563E+00	-0.64965E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7200E+01 (FOR FOURIER TERM/ NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.54427E-01	0.30100E-04	0.55226E-01	0.00000E+00
3	-0.10400E+00	-0.16111E-03	0.10391E+00	0.00000E+00
4	-0.11728E+00	-0.14533E-03	0.11667E+00	0.00000E+00
5	-0.13587E+00	0.63794E-04	0.13581E+00	0.00000E+00
6	-0.14930E+00	-0.14556E-04	0.14930E+00	0.00000E+00
7	-0.13609E+00	-0.11441E-02	0.13642E+00	0.00000E+00
8	-0.14975E+00	-0.10108E-02	0.15001E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.54367E-01	-0.60351E-03	0.54586E-01	0.00000E+00
11	-0.10351E+00	-0.14191E-02	0.10413E+00	0.00000E+00
12	-0.11694E+00	-0.17593E-02	0.11777E+00	0.00000E+00
13	-0.13653E+00	-0.17896E-02	0.13743E+00	0.00000E+00
14	-0.15074E+00	-0.16627E-02	0.15190E+00	0.00000E+00
15	-0.13762E+00	-0.31842E-02	0.14023E+00	0.00000E+00
16	-0.15240E+00	-0.27838E-02	0.15507E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.53581E-01	-0.11654E-02	0.55648E-01	0.00000E+00
19	-0.10333E+00	-0.29775E-02	0.10688E+00	0.00000E+00
20	-0.11762E+00	-0.37813E-02	0.12146E+00	0.00000E+00
21	-0.13879E+00	-0.39423E-02	0.14316E+00	0.00000E+00
22	-0.15478E+00	-0.36804E-02	0.15965E+00	0.00000E+00
23	-0.14039E+00	-0.56701E-02	0.14739E+00	0.00000E+00
24	-0.15799E+00	-0.50679E-02	0.16581E+00	0.00000E+00
25	-0.15989E+00	-0.64515E-02	0.16957E+00	0.00000E+00
26	-0.16103E+00	-0.68346E-02	0.17178E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.52277E-01	-0.11689E-02	0.56181E-01	0.00000E+00
29	-0.10202E+00	-0.35498E-02	0.10899E+00	0.00000E+00
30	-0.11738E+00	-0.49934E-02	0.12509E+00	0.00000E+00
31	-0.14106E+00	-0.65623E-02	0.15110E+00	0.00000E+00
32	-0.16216E+00	-0.71069E-02	0.17411E+00	0.00000E+00
33	-0.14105E+00	-0.67697E-02	0.15204E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.51843E-01	-0.89672E-03	0.56015E-01	0.00000E+00
36	-0.10133E+00	-0.29138E-02	0.10886E+00	0.00000E+00
37	-0.11678E+00	-0.42178E-02	0.12494E+00	0.00000E+00
38	-0.14102E+00	-0.60626E-02	0.15238E+00	0.00000E+00
39	-0.16366E+00	-0.74974E-02	0.17780E+00	0.00000E+00
40	-0.16336E+00	-0.74775E-02	0.17700E+00	0.00000E+00
41	-0.16306E+00	-0.74565E-02	0.17623E+00	0.00000E+00
42	-0.16273E+00	-0.74141E-02	0.17532E+00	0.00000E+00
43	-0.11559E+00	-0.27151E-02	0.12271E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.50211E-01	-0.22263E-03	0.53941E-01	0.00000E+00
46	-0.98775E-01	-0.13796E-02	0.10447E+00	0.00000E+00
47	-0.16375E+00	-0.74974E-02	0.17807E+00	0.00000E+00
48	-0.16376E+00	-0.74981E-02	0.17806E+00	0.00000E+00
49	-0.14095E+00	-0.58188E-02	0.15227E+00	0.00000E+00
50	-0.16386E+00	-0.75641E-02	0.17856E+00	0.00000E+00
51	-0.13927E+00	-0.43256E-02	0.14753E+00	0.00000E+00
52	-0.16045E+00	-0.79591E-02	0.16949E+00	0.00000E+00
53	-0.16370E+00	-0.74793E-02	0.17810E+00	0.00000E+00
54	-0.11349E+00	-0.24614E-02	0.11940E+00	0.00000E+00
55	-0.13651E+00	-0.43483E-02	0.14277E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.45149E-01	0.61934E-03	0.30565E-01	0.00000E+00
58	-0.94734E-01	-0.68624E-03	0.98230E-01	0.00000E+00
59	-0.15547E+00	-0.67823E-02	0.16205E+00	0.00000E+00
60	-0.15901E+00	-0.75811E-02	0.16696E+00	0.00000E+00
61	-0.16390E+00	-0.76110E-02	0.17888E+00	0.00000E+00
62	-0.10900E+00	-0.13346E-02	0.11234E+00	0.00000E+00
63	-0.13001E+00	-0.29359E-02	0.13313E+00	0.00000E+00
64	-0.16149E+00	-0.81086E-02	0.17088E+00	0.00000E+00
65	-0.16393E+00	-0.76557E-02	0.17918E+00	0.00000E+00
66	-0.16416E+00	-0.77441E-02	0.17980E+00	0.00000E+00
67	-0.16440E+00	-0.78332E-02	0.18043E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.46445E-01	0.83869E-03	0.46322E-01	0.00000E+00
70	-0.90096E-01	0.11091E-02	0.89705E-01	0.00000E+00
71	-0.14904E+00	-0.47384E-02	0.15178E+00	0.00000E+00
72	-0.16198E+00	-0.83420E-02	0.17021E+00	0.00000E+00
73	-0.12336E+00	-0.48270E-03	0.12150E+00	0.00000E+00
74	-0.16720E+00	-0.90146E-02	0.17566E+00	0.00000E+00
75	-0.16460E+00	-0.79035E-02	0.18102E+00	0.00000E+00
76	-0.16589E+00	-0.80317E-02	0.18207E+00	0.00000E+00
77	-0.14078E+00	-0.23962E-02	0.13729E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.45081E-01	0.16584E-02	0.42790E-01	0.00000E+00
80	-0.85851E-01	0.24385E-02	0.80916E-01	0.00000E+00
81	-0.97514E-01	0.26796E-02	0.91630E-01	0.00000E+00
82	-0.11537E+00	0.14879E-02	0.10714E+00	0.00000E+00
83	-0.16608E+00	-0.73490E-02	0.16847E+00	0.00000E+00
84	-0.14987E+00	-0.31381E-02	0.13903E+00	0.00000E+00
85	-0.16860E+00	-0.82000E-02	0.18345E+00	0.00000E+00
86	-0.17306E+00	-0.93676E-02	0.18171E+00	0.00000E+00
87	-0.13158E+00	-0.22873E-04	0.12133E+00	0.00000E+00
88	-0.17104E+00	-0.85421E-02	0.17565E+00	0.00000E+00
89	-0.17104E+00	-0.83465E-02	0.18479E+00	0.00000E+00
90	-0.10036E+00	0.13405E-02	0.78912E-01	0.00000E+00
91	-0.10971E+00	-0.25700E-05	0.84462E-01	0.00000E+00
92	-0.11591E+00	-0.12921E-02	0.87792E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.37993E-01	0.00000E+00	0.23088E-01	0.00000E+00
95	-0.70468E-01	0.00000E+00	0.43059E-01	0.00000E+00
96	-0.78496E-01	0.00000E+00	0.47858E-01	0.00000E+00
97	-0.88806E-01	0.00000E+00	0.54001E-01	0.00000E+00
98	-0.93377E-01	0.00000E+00	0.56320E-01	0.00000E+00
99	-0.99929E-01	0.24465E-03	0.70261E-01	0.00000E+00
100	-0.12445E+00	-0.20103E-02	0.97830E-01	0.00000E+00
101	-0.16494E+00	-0.70882E-02	0.14826E+00	0.00000E+00
102	-0.17746E+00	-0.85316E-02	0.18670E+00	0.00000E+00
103	-0.17596E+00	-0.92020E-02	0.17726E+00	0.00000E+00
104	-0.18280E+00	-0.10039E-01	0.18930E+00	0.00000E+00
105	-0.18279E+00	-0.87014E-02	0.18645E+00	0.00000E+00
106	-0.18275E+00	-0.10939E-01	0.18284E+00	0.00000E+00
107	-0.19017E+00	-0.10225E-01	0.19466E+00	0.00000E+00
108	-0.18736E+00	-0.88218E-02	0.19002E+00	0.00000E+00
109	-0.19103E+00	-0.89215E-02	0.19135E+00	0.00000E+00
110	-0.19153E+00	-0.13821E-01	0.18326E+00	0.00000E+00
111	-0.19564E+00	-0.11958E-01	0.19837E+00	0.00000E+00
112	-0.19409E+00	-0.89880E-02	0.19246E+00	0.00000E+00
113	-0.19422E+00	-0.13525E-01	0.19185E+00	0.00000E+00
114	-0.19627E+00	-0.90203E-02	0.19327E+00	0.00000E+00
115	-0.19782E+00	-0.90314E-02	0.19383E+00	0.00000E+00
116	-0.19853E+00	-0.90282E-02	0.19404E+00	0.00000E+00

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117	-0.19775E+00	-0.12507E-01	0.19946E+00	0.00000E+00
118	-0.19856E+00	-0.90234E-02	0.19406E+00	0.00000E+00
119	-0.19852E+00	-0.39933E-02	0.19391E+00	0.00000E+00
120	-0.19852E+00	-0.13054E-01	0.19955E+00	0.00000E+00
121	-0.19834E+00	-0.89483E-02	0.19362E+00	0.00000E+00
122	-0.19834E+00	-0.89012E-02	0.19370E+00	-0.11443E-04
123	-0.19831E+00	-0.88000E-02	0.19374E+00	-0.20783E-04
124	-0.19825E+00	-0.86361E-02	0.19378E+00	-0.32196E-04
125	-0.19814E+00	-0.83918E-02	0.19383E+00	-0.47087E-04
126	-0.19787E+00	-0.77935E-02	0.19390E+00	-0.68985E-04
127	-0.19752E+00	-0.70338E-02	0.19396E+00	-0.79919E-04
128	-0.19673E+00	-0.52339E-02	0.19409E+00	-0.78243E-04
129	-0.19608E+00	-0.36687E-02	0.19422E+00	-0.61927E-04
130	-0.19560E+00	-0.23666E-02	0.19435E+00	-0.38257E-04
131	-0.19534E+00	-0.15108E-02	0.19456E+00	-0.36261E-05
132	-0.19545E+00	-0.17232E-02	0.19478E+00	0.10553E-04
133	-0.19561E+00	-0.21562E-02	0.19498E+00	0.71223E-05
134	-0.19564E+00	-0.21421E-02	0.19516E+00	-0.52306E-05
135	-0.19558E+00	-0.16243E-02	0.19531E+00	-0.12603E-04
136	-0.19554E+00	-0.10723E-02	0.19541E+00	-0.10094E-04
137	-0.19552E+00	-0.58424E-03	0.19549E+00	-0.10353E-04
138	-0.19551E+00	-0.81019E-04	0.19551E+00	-0.92593E-05
139	-0.19551E+00	-0.10578E-04	0.19551E+00	-0.10524E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7200E+01

555

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.29041E+01	-0.45573E-01	0.10230E+00	-0.66727E+01	-0.63352E-01	0.67326E+01
2	0.11593E+00	-0.43789E-01	0.19277E+00	-0.61049E+01	-0.75315E-01	0.60852E+01
3	0.21713E+00	-0.27691E-01	0.20611E+00	-0.51169E+01	0.43863E-01	0.51061E+01
4	-0.30536E+00	-0.13556E+00	-0.35068E+00	-0.42465E+01	0.17357E+00	0.43684E+01
5	0.14937E+00	0.53397E-02	0.15477E+00	-0.42532E+01	0.66698E-01	0.43443E+01
6	-0.20616E+00	-0.59973E-01	0.10219E+00	-0.43612E+01	0.10760E+00	0.44290E+01
7	-0.14659E+00	-0.83403E-02	0.70575E-01	-0.32347E+01	0.72963E-01	0.32218E+01
8	-0.34321E+00	-0.25650E-01	0.74932E-01	-0.32403E+01	0.18217E+00	0.33116E+01
9	-0.13593E+00	-0.41214E+00	-0.13774E+00	-0.66183E+01	0.11479E-01	0.67591E+01
10	-0.91643E-01	-0.48650E+00	-0.12539E-02	-0.61244E+01	0.63354E-01	0.62370E+01
11	-0.10828E+00	-0.45259E+00	0.41745E+00	-0.53555E+01	0.26652E+00	0.54282E+01
12	-0.75421E+00	-0.37543E+00	-0.13841E+00	-0.44965E+01	0.39259E+00	0.44332E+01
13	-0.13956E+00	-0.19708E+00	0.27464E+00	-0.45892E+01	0.18694E+00	0.46403E+01
14	-0.69361E+00	-0.34191E+00	0.83291E-01	-0.47234E+01	0.35096E+00	0.48789E+01
15	-0.71773E+00	-0.10491E+00	0.41771E-01	-0.34760E+01	0.40666E+00	0.34546E+01
16	-0.87851E+00	-0.88765E-01	0.13711E+00	-0.35986E+01	0.48995E+00	0.36870E+01
17	-0.93693E-01	-0.47732E+00	-0.10103E+00	-0.64692E+01	-0.25419E-01	0.68518E+01
18	0.68540E-01	-0.64091E+00	0.12288E+00	-0.61016E+01	-0.25970E-01	0.64256E+01
19	0.29523E+00	-0.76233E+00	0.73447E+00	-0.55696E+01	0.95755E-01	0.58576E+01
20	-0.10338E+01	-0.52381E+00	-0.31317E-01	-0.48984E+01	0.55350E+00	0.48859E+01
21	-0.98529E-01	-0.70082E+00	0.30443E+00	-0.50680E+01	0.99590E-01	0.54042E+01
22	-0.10155E+01	-0.14603E+01	-0.25693E+00	-0.52379E+01	0.38927E+00	0.58134E+01
23	-0.12518E+01	-0.18996E+00	0.98847E-01	-0.40459E+01	0.69747E+00	0.40962E+01
24	-0.24437E+01	-0.80077E+00	-0.50002E+00	-0.44433E+01	0.10714E+01	0.43281E+01
25	-0.12418E+01	-0.72219E+00	0.64096E-01	-0.45657E+01	0.65201E+00	0.43694E+01
26	-0.38042E+01	-0.25006E+01	-0.15926E+01	-0.49153E+01	0.12548E+01	0.53662E+01
27	0.36110E-03	-0.35561E+00	-0.59312E-02	-0.63303E+01	-0.68472E-01	0.63689E+01
28	0.24064E+00	-0.55464E+00	0.25411E+00	-0.59582E+01	-0.17116E+00	0.65082E+01
29	0.82782E+00	-0.77160E+00	0.96574E+00	-0.53028E+01	-0.43139E+00	0.60869E+01
30	-0.20576E+00	-0.89469E+00	0.34860E+00	-0.52435E+01	0.22635E+00	0.58157E+01
31	0.13396E+00	-0.11466E+01	0.30731E+00	-0.49773E+01	-0.29587E+00	0.60073E+01
32	-0.35380E+00	-0.11954E+01	0.16342E+00	-0.48324E+01	-0.75952E-01	0.61021E+01
33	-0.29045E+01	-0.20195E+01	-0.10335E+01	-0.51593E+01	0.88544E+00	0.56149E+01
34	-0.67085E+01	-0.45568E+01	-0.35237E+01	-0.53716E+01	0.16025E+01	0.60297E+01
35	-0.13883E+01	-0.10033E+01	0.36255E-01	-0.53229E+01	0.55574E+00	0.60268E+01
36	0.43421E+00	-0.11886E+00	0.10571E+01	-0.49575E+01	-0.12875E+00	0.61547E+01
37	-0.21000E+01	-0.20766E+01	-0.67379E+00	-0.54758E+01	0.59357E+00	0.63104E+01
38	0.22502E+00	-0.26125E-01	0.18850E+00	-0.62130E+01	-0.11156E+00	0.67251E+01
39	0.52884E+00	-0.15561E+00	0.43992E+00	-0.59174E+01	-0.33039E+00	0.63438E+01
40	0.94402E+00	-0.67694E+00	0.93667E+00	-0.52286E+01	-0.95542E+00	0.60380E+01
41	0.13623E+01	0.21670E+00	0.11664E+01	-0.54753E+01	-0.88218E+00	0.59743E+01
42	0.18073E+01	-0.16618E+00	0.10765E+01	-0.53238E+01	-0.11515E+01	0.55541E+01
43	0.63479E+00	-0.42369E+00	0.77330E+00	-0.49582E+01	-0.57090E+00	0.61035E+01
44	0.12951E+01	-0.11381E-01	0.11190E+01	-0.48590E+01	-0.10781E+01	0.54816E+01
45	0.19905E+01	0.37751E+00	0.13959E+01	-0.51342E+01	-0.94830E+00	0.54618E+01
46	0.10039E+01	-0.51117E+00	0.58006E+00	-0.49460E+01	-0.68442E+00	0.51305E+01
47	-0.56700E+00	-0.11400E+01	0.28108E+00	-0.52122E+01	-0.59614E-01	0.63551E+01
48	0.12704E+00	-0.79736E+00	0.73327E+00	-0.54867E+01	-0.34948E+00	0.63968E+01
49	0.67115E+00	-0.72969E+00	0.84178E+00	-0.53712E+01	-0.88235E+00	0.66304E+01
50	0.49013E+01	0.98358E+00	0.30678E+01	-0.46145E+01	-0.26163E+01	0.49170E+01
51	0.12960E+01	0.90398E+00	0.19643E+01	-0.21706E+00	-0.38053E+00	0.12771E+01
52	0.22467E+01	0.60168E+00	0.20815E+01	0.13912E+01	-0.13964E+01	-0.36505E+01
53	0.18020E+01	-0.67194E+00	0.83218E+00	-0.42186E+01	-0.10933E+01	0.44816E+01
54	0.64549E+00	-0.54377E+00	0.54176E+00	-0.59800E+01	-0.14754E+00	0.63850E+01

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55	0.97752E+00	0.22903E+00	0.64844E+00	-0.57584E+01	-0.41171E+00	0.60070E+01
56	0.19266E+01	0.41480E-01	0.96075E+00	-0.51797E+01	-0.11174E+01	0.53700E+01
57	0.16858E+01	-0.22412E-01	0.90340E+00	-0.46596E+01	-0.80865E+00	0.48337E+01
58	0.18681E+01	-0.17061E+00	0.91801E+00	-0.39652E+01	-0.94782E+00	0.41954E+01
59	0.34507E+00	0.49644E+00	0.36623E+00	-0.58849E+01	-0.10582E-01	0.61774E+01
60	0.11979E+01	0.11529E+01	0.96684E+00	-0.56605E+01	-0.32062E+00	0.56555E+01
61	0.97437E+00	0.97931E+00	0.75636E+00	-0.56165E+01	-0.25007E+00	0.56523E+01
62	0.77836E+00	0.11837E+01	0.76216E+00	-0.55099E+01	0.81015E-02	0.52240E+01
63	0.12113E+01	0.61963E+00	0.78058E+00	-0.54405E+01	-0.48539E+00	0.55580E+01
64	0.14065E+01	0.11236E+01	0.95316E+00	-0.50803E+01	-0.43072E+00	0.49647E+01
65	0.21092E+01	0.27306E+00	0.86147E+00	-0.49681E+01	-0.13069E+01	0.51821E+01
66	0.26738E+01	0.66882E+00	0.94305E+00	-0.45318E+01	-0.14959E+01	0.44839E+01
67	0.21924E+01	0.11243E+01	0.78889E+00	-0.40814E+01	-0.12097E+01	0.38843E+01
68	0.21636E+01	0.31762E+00	0.10591E+01	-0.43337E+01	-0.10318E+01	0.45280E+01
69	0.19040E+01	0.40783E+00	0.86762E+00	-0.41817E+01	-0.87710E+00	0.42232E+01
70	0.28549E+01	0.95357E+00	0.13364E+01	-0.36982E+01	-0.11773E+01	0.33453E+01
71	0.22730E+01	0.17609E+00	0.98311E+00	-0.37403E+01	-0.11338E+01	0.37724E+01
72	0.26788E+01	0.44728E+00	0.10361E+01	-0.34543E+01	-0.12374E+01	0.32529E+01
73	0.65885E+00	0.73159E+00	0.46071E+00	-0.50919E+01	-0.14650E+00	0.40226E+01
74	0.10337E+01	0.71711E+00	0.42532E+00	-0.45137E+01	-0.42940E+00	0.35423E+01
75	0.18641E+01	0.69115E+00	0.56578E-01	-0.37039E+01	-0.12235E+01	0.28236E+01
76	0.23507E+01	0.53340E+00	0.79014E+00	-0.38754E+01	-0.10934E+01	0.33406E+01
77	0.17485E+01	0.92474E+00	0.56219E+00	-0.27350E+01	-0.76728E+00	0.19739E+01
78	0.20552E+01	0.10538E+01	0.57929E+00	-0.22918E+01	-0.84223E+00	0.13274E+01
79	0.28722E+01	0.65588E+00	0.93172E+00	-0.27720E+01	-0.12391E+01	0.21307E+01
80	0.33487E+01	0.95473E+00	0.10751E+01	-0.20038E+01	-0.10841E+01	0.11977E+01
81	0.16272E+01	0.42277E+00	0.14030E+00	-0.11364E+01	-0.83674E+00	0.64705E+00
82	0.21251E+01	0.10577E+01	0.51913E+00	-0.10104E+01	-0.86624E+00	0.50181E+00
83	0.29993E+01	0.47090E+00	0.68538E+00	-0.16983E+01	-0.10640E+01	0.92806E+00
84	0.35125E+01	0.77077E+00	0.10797E+01	-0.19055E+01	-0.13989E+01	0.10569E+01
85	0.39356E+01	0.52721E+00	0.12811E+01	-0.25749E+01	-0.16795E+01	0.19921E+01
86	0.39142E+01	0.54989E+00	0.12049E+01	-0.19906E+01	-0.16522E+01	0.12966E+01
87	0.26071E+01	0.13391E+00	0.80401E+00	-0.26858E+01	-0.12794E+01	0.23572E+01
88	0.27089E+01	0.17974E+00	0.10612E+01	-0.28567E+01	-0.13824E+01	0.29501E+01
89	0.29396E+01	0.23943E+00	0.11719E+01	-0.24579E+01	-0.15055E+01	0.24775E+01
90	0.32107E+01	0.19831E+00	0.10294E+01	-0.18275E+01	-0.16400E+01	0.13381E+01
91	0.34040E+01	0.59927E+00	0.13878E+01	-0.16358E+01	-0.17336E+01	0.16467E+01
92	0.33832E+01	0.61464E+00	0.13206E+01	-0.11935E+01	-0.17104E+01	0.10103E+01
93	0.21727E+01	-0.10796E+01	0.89826E+00	-0.30365E+01	-0.12751E+01	0.36864E+01
94	0.23085E+01	0.68453E-02	0.12927E+01	-0.31093E+01	-0.11053E+01	0.36030E+01
95	0.16055E+01	0.79690E+00	0.13906E+01	-0.22742E+01	-0.93460E+00	0.26464E+01
96	0.20540E+01	0.34670E-02	0.10569E+01	-0.31360E+01	-0.10063E+01	0.32210E+01
97	0.13971E+01	0.51183E+00	0.11546E+01	-0.25307E+01	-0.92079E+00	0.22553E+01
98	0.17035E+01	0.25670E+00	0.10048E+01	-0.22534E+01	-0.83345E+00	0.22899E+01
99	0.18127E+01	-0.40048E+00	0.69893E+00	-0.25329E+01	-0.92214E+00	0.25241E+01
100	0.14939E+01	-0.10983E+00	0.71841E+00	-0.18911E+01	-0.80637E+00	0.16757E+01
101	0.18327E+01	0.32652E+00	0.10003E+01	-0.14830E+01	-0.78916E+00	0.12316E+01
102	0.13793E+01	-0.24198E+00	0.41813E+00	-0.14195E+01	-0.78406E+00	0.11391E+01
103	0.11326E+01	0.30557E+00	0.61458E+00	-0.64972E+00	-0.60311E+00	0.55490E+00
104	0.11408E+01	0.34091E+00	0.59972E+00	-0.25614E+00	-0.59158E+00	0.28745E+00
105	0.24970E+01	-0.12464E+00	0.15022E+01	-0.26790E+01	-0.16634E+01	0.34993E+01
106	0.40531E+01	0.24638E+01	0.35304E+01	-0.20190E+00	-0.19028E+01	0.15628E+01
107	0.30287E+01	0.15253E+01	0.26716E+01	-0.14381E+01	-0.17902E+01	0.25184E+01
108	0.24915E+01	0.13640E+01	0.23812E+01	-0.14919E+01	-0.16642E+01	0.25215E+01
109	0.23407E+01	0.13643E+01	0.24210E+01	-0.59912E+00	-0.16344E+01	0.15710E+01
110	0.34113E+00	-0.33908E+00	0.84198E+00	-0.20910E+01	-0.14293E+01	0.25646E+01
111	-0.24337E+00	-0.16512E+00	0.80291E+00	-0.15249E+01	-0.12132E+01	0.13508E+01
112	-0.28742E+00	-0.20489E+00	0.73257E+00	-0.23388E+01	-0.12000E+01	0.13350E+01
113	-0.80524E+00	-0.67767E+00	0.11492E+00	-0.25149E+01	-0.89873E+00	0.26665E+01
114	-0.87180E+00	-0.56600E+00	0.30136E+00	-0.21205E+01	-0.73027E+00	0.13024E+01

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115	-0.97417E+00	-0.62572E+00	0.10483E+00	-0.36118E+01	-0.68319E+00	0.12593E+01
116	-0.34087E+00	-0.57547E+00	0.17414E+00	-0.27958E+01	-0.35555E+00	0.22789E+01
117	0.34646E+00	0.16430E+00	0.70829E+00	-0.30722E+01	-0.64608E-01	0.11757E+01
118	0.23216E+00	0.10362E+00	0.48327E+00	-0.26546E+01	-0.92392E-02	0.10821E+01
119	0.18232E+00	-0.53448E+00	0.16168E+00	-0.22211E+01	0.15709E+00	0.16852E+01
120	0.73569E+00	0.39417E+00	0.62772E+00	-0.22612E+01	0.38435E+00	0.96247E+00
121	0.65136E+00	0.35489E+00	0.48117E+00	-0.19265E+01	0.42045E+00	0.83950E+00
122	-0.15403E-01	-0.91163E+00	-0.24721E+00	-0.18162E+01	0.50507E+00	0.12579E+01
123	0.37612E+00	0.17268E+00	0.17476E+00	-0.15826E+01	0.70577E+00	0.69531E+00
124	0.34088E+00	0.15947E+00	0.99871E-01	-0.12420E+01	0.72559E+00	0.55274E+00
125	0.35389E+00	-0.22098E+00	0.66972E-01	-0.10065E+01	0.68514E+00	0.56101E+00
126	0.41210E+00	0.20437E+00	0.87382E-01	-0.85611E+00	0.79011E+00	0.37425E+00
127	0.40859E+00	0.20802E+00	0.75176E-01	-0.50743E+00	0.79447E+00	0.26782E+00
128	-0.71812E-01	-0.33652E+00	-0.27246E+00	-0.60481E+00	0.78822E+00	0.24339E+00
129	-0.32051E+00	-0.22537E+00	-0.41355E+00	-0.46163E+00	0.87209E+00	0.10603E+00
183	0.29755E+01	-0.38269E+00	0.15784E+01	-0.43551E+01	-0.17589E+01	0.49103E+01

567

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.52137E+00	0.34758E+01	-0.29544E+01	-0.79538E+02	0.35439E+02	0.36872E+02
131	0.30289E-01	0.20193E+00	-0.17164E+00	-0.17441E+03	0.60441E+02	0.11391E+03
132	0.16617E+00	0.11078E+01	-0.94161E+00	-0.29055E+03	0.97603E+02	0.19348E+03
133	0.63126E-01	0.42084E+00	-0.35771E+00	-0.41983E+03	0.13566E+03	0.28046E+03
134	0.12924E+00	0.86161E+00	-0.73237E+00	-0.56454E+03	0.17533E+03	0.38128E+03
135	0.30496E+00	0.20331E+01	-0.17281E+01	-0.67202E+03	0.20661E+03	0.46912E+03
136	0.92937E-01	0.61958E+00	-0.52664E+00	-0.76057E+03	0.22050E+03	0.52767E+03
137	0.32510E-01	0.21675E+00	-0.18422E+00	-0.75445E+03	0.24214E+03	0.55486E+03
138	0.76205E+00	0.50803E+01	-0.34542E+01	-0.77164E+03	0.44005E+03	0.59595E+03
139	0.15019E-01	0.10012E+00	0.30086E+01	-0.74720E+03	0.83413E+03	0.63179E+03
140	-0.20981E+01	-0.13988E+02	0.11889E+02	-0.94467E+03	0.10105E+04	0.71250E+03
141	-0.20207E+01	-0.13471E+02	0.11451E+02	-0.94093E+03	0.10250E+04	0.75865E+03
142	-0.23217E+01	-0.15478E+02	0.13156E+02	-0.97987E+03	0.10292E+04	0.80118E+03
143	-0.23827E+01	-0.15886E+02	0.13503E+02	0.34686E+03	0.12272E+04	-0.50196E+03
144	-0.25983E+01	-0.17325E+02	0.14726E+02	0.34683E+03	0.12126E+04	-0.45873E+03
145	0.22582E+01	0.15055E+02	-0.68329E+01	-0.20964E+03	0.91461E+03	-0.13484E+04
146	0.92458E+00	0.61636E+01	-0.63388E+01	-0.26267E+03	0.67403E+03	-0.12204E+04
147	0.94210E+00	0.62806E+01	-0.62046E+01	-0.24227E+03	0.69061E+03	-0.11972E+04
148	0.96261E+00	0.64174E+01	0.13378E+01	-0.23665E+03	0.70728E+03	-0.12012E+04
149	0.98670E+00	0.65780E+01	0.12120E+01	-0.23623E+03	0.72593E+03	-0.12279E+04
150	0.11231E+01	0.74872E+01	0.31673E+00	-0.16446E+03	0.78320E+03	-0.11888E+04
151	0.13492E+01	0.89944E+01	0.26468E+02	-0.15491E+03	0.88363E+03	-0.12194E+04
152	0.12844E+01	0.85628E+01	0.47926E+02	-0.15706E+03	0.83979E+03	-0.12066E+04
153	0.11835E+01	0.76901E+01	0.42420E+02	-0.13335E+03	0.77552E+03	-0.11760E+04
154	0.95170E+00	0.63447E+01	0.81844E+02	-0.11177E+03	0.62294E+03	-0.11387E+04
155	0.61704E+00	0.41136E+01	0.67402E+02	-0.13113E+03	0.39509E+03	-0.10600E+04
156	0.34442E+00	0.22961E+01	0.57312E+02	-0.10251E+03	0.21613E+03	-0.97710E+03
157	0.12347E+00	0.82314E+00	0.45781E+02	-0.10158E+03	0.67756E+02	-0.86377E+03
158	-0.54301E-01	-0.36200E+00	0.38106E+02	-0.82827E+02	-0.48923E+02	-0.75389E+03
159	-0.19150E+00	-0.12767E+01	0.27031E+02	-0.55795E+02	-0.13709E+03	-0.61656E+03
160	-0.29910E+00	-0.19274E+01	0.19364E+02	-0.42548E+02	-0.20071E+03	-0.48847E+03
161	-0.38707E+00	-0.25805E+01	0.99877E+01	-0.33656E+02	-0.24871E+03	-0.33479E+03
162	-0.41825E+00	-0.27863E+01	0.96105E+00	-0.27081E+02	-0.25116E+03	-0.22536E+03
163	-0.48943E+00	-0.32632E+01	0.66794E-01	0.28882E+01	-0.28874E+03	-0.15161E+03
164	-0.50081E+00	-0.33387E+01	-0.14531E+01	0.13438E+02	-0.29385E+03	-0.88916E+02

3622

000581

165	-0.24748E+03	-0.42128E+02	0.37319E+01	-0.47514E+01	-0.30025E+03	-0.62305E+02
166	-0.19839E+03	-0.31448E+02	0.44758E+00	-0.17865E+01	-0.28058E+03	-0.58383E+02
167	-0.15751E+03	-0.22913E+02	-0.14360E+01	-0.20441E+00	-0.24140E+03	-0.55174E+02
168	-0.12124E+03	-0.16415E+02	-0.22858E+01	0.14022E+01	-0.20102E+03	-0.52521E+02
169	-0.79890E+02	-0.90393E+01	-0.32903E+01	0.27809E+01	-0.17585E+03	-0.49616E+02
170	-0.39436E+02	-0.14886E+01	-0.47049E+01	0.43282E+01	-0.16259E+03	-0.46262E+02
171	0.36698E+01	0.60358E+01	-0.55930E+01	0.64094E+01	-0.13788E+03	-0.41366E+02
172	0.28619E+02	0.95074E+01	-0.52031E+01	0.84781E+01	-0.10438E+03	-0.35665E+02
173	0.30122E+02	0.78628E+01	-0.33023E+01	0.95050E+01	-0.71629E+02	-0.31071E+02
174	0.21768E+02	0.41837E+01	-0.94917E+00	0.93949E+01	-0.45871E+02	-0.26783E+02
175	0.57948E+01	0.16397E+00	0.57740E+00	0.77366E+01	-0.32500E+02	-0.23483E+02
176	-0.11066E+01	-0.10729E+01	0.76768E+00	0.60545E+01	-0.31314E+02	-0.21012E+02
177	-0.28981E+01	-0.93075E+00	0.40481E+00	0.43093E+01	-0.30772E+02	-0.17017E+02
178	-0.12318E+01	-0.15626E+00	-0.47505E-01	0.29412E+01	-0.22764E+02	-0.12301E+02
179	0.43615E+00	0.14960E+00	-0.89853E-01	0.24394E+01	-0.16187E+02	-0.86842E+01
180	-0.29393E-01	0.29602E-01	-0.36982E-01	0.18413E+01	-0.95636E+01	-0.52537E+01
181	-0.12378E+00	0.15205E+00	-0.12023E+00	0.14913E+01	-0.44015E+01	-0.18320E+01
182	-0.55896E+00	-0.25960E+00	0.15284E+00	0.53426E+00	0.10396E+01	0.64305E-01

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000562

5622

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7300E+01 (FOR FOURIER TERM, NUMBER 1)

556a

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.33230E-01	-0.17228E-04	-0.33884E-01	0.00000E+00
3	0.63424E-01	0.11358E-03	-0.63323E-01	0.00000E+00
4	0.71413E-01	0.91913E-04	-0.70888E-01	0.00000E+00
5	0.82523E-01	-0.58817E-04	-0.82466E-01	0.00000E+00
6	0.90496E-01	0.12423E-04	-0.90499E-01	0.00000E+00
7	0.82622E-01	0.92527E-03	-0.82891E-01	0.00000E+00
8	0.90779E-01	0.88016E-03	-0.90973E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.33271E-01	0.47821E-03	-0.33461E-01	0.00000E+00
11	0.63035E-01	0.11286E-02	-0.63599E-01	0.00000E+00
12	0.71098E-01	0.14145E-02	-0.71780E-01	0.00000E+00
13	0.82874E-01	0.15247E-02	-0.83614E-01	0.00000E+00
14	0.91377E-01	0.15201E-02	-0.92255E-01	0.00000E+00
15	0.83529E-01	0.26750E-02	-0.85524E-01	0.00000E+00
16	0.92372E-01	0.25163E-02	-0.94406E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.32646E-01	0.97657E-03	-0.34306E-01	0.00000E+00
19	0.62841E-01	0.24851E-02	-0.65656E-01	0.00000E+00
20	0.71415E-01	0.31649E-02	-0.74450E-01	0.00000E+00
21	0.84223E-01	0.34255E-02	-0.87591E-01	0.00000E+00
22	0.93813E-01	0.33818E-02	-0.97493E-01	0.00000E+00
23	0.85206E-01	0.49532E-02	-0.90574E-01	0.00000E+00
24	0.95752E-01	0.47728E-02	-0.10163E+00	0.00000E+00
25	0.96910E-01	0.60001E-02	-0.10415E+00	0.00000E+00
26	0.97601E-01	0.64202E-02	-0.10562E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.31545E-01	0.11202E-02	-0.34976E-01	0.00000E+00
29	0.61659E-01	0.32694E-02	-0.67636E-01	0.00000E+00
30	0.70990E-01	0.45325E-02	-0.77444E-01	0.00000E+00
31	0.85422E-01	0.59774E-02	-0.93301E-01	0.00000E+00
32	0.98292E-01	0.68155E-02	-0.10717E+00	0.00000E+00
33	0.85337E-01	0.62015E-02	-0.94855E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.31164E-01	0.95401E-03	-0.35016E-01	0.00000E+00
36	0.61092E-01	0.25952E-02	-0.67831E-01	0.00000E+00
37	0.70430E-01	0.41066E-02	-0.77691E-01	0.00000E+00
38	0.85248E-01	0.57327E-02	-0.94437E-01	0.00000E+00
39	0.99211E-01	0.71073E-02	-0.10970E+00	0.00000E+00
40	0.99025E-01	0.70896E-02	-0.10915E+00	0.00000E+00
41	0.98839E-01	0.70712E-02	-0.10862E+00	0.00000E+00
42	0.98634E-01	0.70364E-02	-0.10799E+00	0.00000E+00
43	0.69521E-01	0.29970E-02	-0.77044E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.29918E-01	0.42327E-03	-0.34382E-01	0.00000E+00
46	0.59147E-01	0.16754E-02	-0.66443E-01	0.00000E+00
47	0.99265E-01	0.71077E-02	-0.10990E+00	0.00000E+00
48	0.99273E-01	0.71084E-02	-0.10988E+00	0.00000E+00
49	0.85180E-01	0.56268E-02	-0.94425E-01	0.00000E+00
50	0.99334E-01	0.71651E-02	-0.11016E+00	0.00000E+00
51	0.83962E-01	0.44641E-02	-0.92349E-01	0.00000E+00
52	0.97070E-01	0.71780E-02	-0.10572E+00	0.00000E+00
53	0.99238E-01	0.70653E-02	-0.10998E+00	0.00000E+00
54	0.68128E-01	0.26532E-02	-0.75815E-01	0.00000E+00
55	0.82140E-01	0.42531E-02	-0.90449E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.28034E-01	-0.24192E-03	-0.33155E-01	0.00000E+00
58	0.56643E-01	0.97215E-03	-0.64121E-01	0.00000E+00
59	0.93817E-01	0.62124E-02	-0.10244E+00	0.00000E+00
60	0.96122E-01	0.68695E-02	-0.10453E+00	0.00000E+00
61	0.99353E-01	0.72025E-02	-0.11034E+00	0.00000E+00
62	0.65293E-01	0.16172E-02	-0.73276E-01	0.00000E+00
63	0.78080E-01	0.30012E-03	-0.86700E-01	0.00000E+00
64	0.97701E-01	0.73050E-02	-0.10659E+00	0.00000E+00
65	0.99371E-01	0.72382E-02	-0.11052E+00	0.00000E+00
66	0.99514E-01	0.73091E-02	-0.11088E+00	0.00000E+00
67	0.99658E-01	0.73813E-02	-0.11125E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.27722E-01	-0.42771E-03	-0.31246E-01	0.00000E+00
70	0.53941E-01	-0.30672E-03	-0.60316E-01	0.00000E+00
71	0.89703E-01	0.45708E-02	-0.98630E-01	0.00000E+00
72	0.97946E-01	0.74320E-02	-0.10653E+00	0.00000E+00
73	0.74123E-01	0.11736E-02	-0.81411E-01	0.00000E+00
74	0.10112E+00	0.80109E-02	-0.10989E+00	0.00000E+00
75	0.99779E-01	0.74400E-02	-0.11158E+00	0.00000E+00
76	0.10055E+00	0.75500E-02	-0.11218E+00	0.00000E+00
77	0.84775E-01	0.26984E-02	-0.91823E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.27034E-01	-0.10078E-02	-0.29869E-01	0.00000E+00
80	0.51603E-01	-0.12915E-02	-0.56264E-01	0.00000E+00
81	0.58677E-01	-0.13026E-02	-0.63592E-01	0.00000E+00
82	0.69565E-01	-0.32172E-03	-0.73992E-01	0.00000E+00
83	0.10023E+00	0.67009E-02	-0.10914E+00	0.00000E+00
84	0.90695E-01	0.32462E-02	-0.94704E-01	0.00000E+00
85	0.10220E+00	0.76943E-02	-0.11297E+00	0.00000E+00
86	0.10471E+00	0.84433E-02	-0.11355E+00	0.00000E+00
87	0.79487E-01	0.89321E-03	-0.83415E-01	0.00000E+00
88	0.10332E+00	0.76951E-02	-0.11164E+00	0.00000E+00
89	0.10367E+00	0.78248E-02	-0.11373E+00	0.00000E+00
90	0.60894E-01	-0.52125E-03	-0.55560E-01	0.00000E+00
91	0.66704E-01	0.45788E-03	-0.59697E-01	0.00000E+00
92	0.70560E-01	0.13847E-02	-0.62111E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.23278E-01	0.00000E+00	-0.16415E-01	0.00000E+00
95	0.43131E-01	0.00000E+00	-0.30800E-01	0.00000E+00
96	0.48059E-01	0.00000E+00	-0.34330E-01	0.00000E+00
97	0.54417E-01	0.00000E+00	-0.38768E-01	0.00000E+00
98	0.57314E-01	0.00000E+00	-0.40461E-01	0.00000E+00
99	0.60940E-01	0.10827E-03	-0.49896E-01	0.00000E+00
100	0.75708E-01	0.20113E-02	-0.68797E-01	0.00000E+00
101	0.10026E+00	0.61665E-02	-0.10067E+00	0.00000E+00
102	0.10755E+00	0.79946E-02	-0.11480E+00	0.00000E+00
103	0.10635E+00	0.81717E-02	-0.11463E+00	0.00000E+00
104	0.11063E+00	0.91645E-02	-0.11809E+00	0.00000E+00
105	0.11076E+00	0.81520E-02	-0.11577E+00	0.00000E+00
106	0.11066E+00	0.95373E-02	-0.11798E+00	0.00000E+00
107	0.11511E+00	0.99641E-02	-0.12119E+00	0.00000E+00
108	0.11351E+00	0.82764E-02	-0.11662E+00	0.00000E+00
109	0.11572E+00	0.83830E-02	-0.11732E+00	0.00000E+00
110	0.11639E+00	0.11735E-01	-0.12095E+00	0.00000E+00
111	0.11347E+00	0.10844E-01	-0.12324E+00	0.00000E+00
112	0.11756E+00	0.84660E-02	-0.11787E+00	0.00000E+00
113	0.11789E+00	0.11675E-01	-0.12223E+00	0.00000E+00
114	0.11886E+00	0.85199E-02	-0.11825E+00	0.00000E+00
115	0.11979E+00	0.85568E-02	-0.11345E+00	0.00000E+00
116	0.12020E+00	0.85774E-02	-0.11844E+00	0.00000E+00

560

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117	0.11975E+00	0.11301E-01	-0.12359E+00	0.00000E+00
118	0.12022E+00	0.85835E-02	-0.11838E+00	0.00000E+00
119	0.12018E+00	0.85754E-02	-0.11816E+00	0.00000E+00
120	0.12017E+00	0.11787E-01	-0.12317E+00	0.00000E+00
121	0.12006E+00	0.85566E-02	-0.11783E+00	0.00000E+00
122	0.12005E+00	0.85374E-02	-0.11785E+00	0.51253E-05
123	0.12004E+00	0.84918E-02	-0.11785E+00	0.93742E-05
124	0.12001E+00	0.84173E-02	-0.11786E+00	0.14672E-04
125	0.11997E+00	0.83050E-02	-0.11785E+00	0.21767E-04
126	0.11984E+00	0.80243E-02	-0.11785E+00	0.32719E-04
127	0.11967E+00	0.76591E-02	-0.11784E+00	0.38900E-04
128	0.11927E+00	0.67556E-02	-0.11783E+00	0.40681E-04
129	0.11892E+00	0.59054E-02	-0.11782E+00	0.35493E-04
130	0.11861E+00	0.50924E-02	-0.11780E+00	0.26831E-04
131	0.11835E+00	0.42622E-02	-0.11779E+00	0.11342E-04
132	0.11827E+00	0.39304E-02	-0.11780E+00	0.42264E-05
133	0.11824E+00	0.37270E-02	-0.11782E+00	0.57059E-05
134	0.11817E+00	0.32700E-02	-0.11784E+00	0.13221E-04
135	0.11805E+00	0.24823E-02	-0.11787E+00	0.18300E-04
136	0.11797E+00	0.16693E-02	-0.11788E+00	0.16547E-04
137	0.11792E+00	0.91491E-03	-0.11790E+00	0.16607E-04
138	0.11790E+00	0.13159E-03	-0.11790E+00	0.15901E-04
139	0.11790E+00	0.16732E-04	-0.11790E+00	0.16698E-04

561

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3622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7300E+01

562

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.67135E-02	0.46470E-01	-0.74307E-01	0.40829E+01	0.48385E-01	-0.41331E+01
2	-0.69078E-01	0.49110E-01	-0.14234E+00	0.37248E+01	0.53575E-01	-0.37059E+01
3	-0.16797E+00	0.29431E-01	-0.15352E+00	0.31133E+01	-0.46226E-01	-0.30967E+01
4	0.20627E+00	0.10527E+00	0.28553E+00	0.25837E+01	-0.13425E+00	-0.26816E+01
5	-0.12530E+00	0.70119E-02	-0.11814E+00	0.25814E+01	-0.55235E-01	-0.26504E+01
6	0.12507E+00	0.81622E-01	-0.38231E-01	0.26597E+01	-0.69481E-01	-0.27036E+01
7	0.67558E-01	0.10749E-02	-0.75215E-01	0.19758E+01	-0.45146E-01	-0.19630E+01
8	0.13768E+00	0.23011E-01	-0.91172E-01	0.19789E+01	-0.11835E+00	-0.20202E+01
9	0.11816E+00	0.34373E+00	0.11881E+00	0.40473E+01	-0.87480E-02	-0.41598E+01
10	0.64844E-01	0.39511E+00	-0.63167E-03	0.37381E+01	-0.44927E-01	-0.33222E+01
11	0.15755E-01	0.35874E+00	-0.35414E+00	0.32782E+01	-0.18171E+00	-0.33206E+01
12	0.45225E+00	0.26363E+00	0.39623E-01	0.27591E+01	-0.25680E+00	-0.27088E+01
13	0.46929E-01	0.15680E+00	-0.23939E+00	0.28170E+01	-0.12650E+00	-0.28341E+01
14	0.42691E+00	0.28905E+00	-0.99621E-01	0.29107E+01	-0.23537E+00	-0.29992E+01
15	0.41294E+00	0.78329E-01	-0.89010E-01	0.21377E+01	-0.26466E+00	-0.21126E+01
16	0.49437E+00	0.63466E-01	-0.17687E+00	0.22117E+01	-0.32244E+00	-0.22599E+01
17	0.10846E+00	0.44772E+00	0.11388E+00	0.39282E+01	0.13567E-01	-0.42499E+01
18	-0.45131E-01	0.57400E+00	-0.84568E-01	0.37205E+01	0.59807E-02	-0.39715E+01
19	-0.30742E+00	0.64719E+00	-0.62224E+00	0.34446E+01	-0.96108E-01	-0.36154E+01
20	0.63629E+00	0.39446E+00	-0.45475E-01	0.30510E+01	-0.37501E+00	-0.30075E+01
21	0.24256E-01	0.58265E+00	-0.25707E+00	0.31553E+01	-0.88008E-01	-0.33255E+01
22	0.64628E+00	0.11963E+01	0.15309E+00	0.33070E+01	-0.27057E+00	-0.35995E+01
23	0.74752E+00	0.16988E+00	-0.14696E+00	0.25200E+01	-0.45949E+00	-0.25150E+01
24	0.14670E+01	0.56944E+00	0.21964E+00	0.28069E+01	-0.69207E+00	-0.26621E+01
25	0.76275E+00	0.65077E+00	-0.81038E-01	0.28663E+01	-0.43500E+00	-0.29934E+01
26	0.25450E+01	0.19379E+01	0.11098E+01	0.31528E+01	-0.81145E+00	-0.33043E+01
27	0.58286E-01	0.40294E+00	0.61781E-01	0.33123E+01	0.39050E-01	-0.42897E+01
28	-0.16190E+00	0.56482E+00	-0.17579E+00	0.36046E+01	0.92211E-01	-0.40508E+01
29	-0.69695E+00	0.72535E+00	-0.51696E+00	0.32406E+01	0.21166E+00	-0.37840E+01
30	0.71751E-01	0.79010E+00	-0.28300E+00	0.32485E+01	-0.18215E+00	-0.35996E+01
31	-0.73143E-01	0.10344E+01	-0.20931E+00	0.30459E+01	0.14221E+00	-0.37117E+01
32	0.21348E+00	0.10453E+01	-0.14104E+00	0.29521E+01	0.40006E-02	-0.37759E+01
33	0.18832E+01	0.16165E+01	0.68407E+00	0.32060E+01	-0.58072E+00	-0.34523E+01
34	0.43516E+01	0.32444E+01	0.22939E+01	0.33228E+01	-0.99948E+00	-0.37008E+01
35	0.10271E+01	0.10643E+01	0.10526E+00	0.32721E+01	-0.35507E+00	-0.36981E+01
36	-0.29722E+00	0.33723E+00	-0.70919E+00	0.30586E+01	0.32721E-01	-0.37641E+01
37	0.15104E+01	0.17082E+01	0.52855E+00	0.33831E+01	-0.37868E+00	-0.38559E+01
38	-0.88988E-01	0.16663E+00	-0.83594E-01	0.37142E+01	0.63151E-01	-0.42477E+01
39	-0.33012E+00	0.28367E+00	-0.32673E+00	0.35539E+01	0.18088E+00	-0.39940E+01
40	-0.74101E+00	0.68482E+00	-0.82569E+00	0.31315E+01	0.49243E+00	-0.37602E+01
41	-0.93661E+00	0.80153E-01	-0.10079E+01	0.32764E+01	0.47754E+00	-0.37319E+01
42	-0.12340E+01	0.26389E+00	-0.99350E+00	0.31966E+01	0.61455E+00	-0.35244E+01
43	-0.40008E+00	0.57539E+00	-0.53189E+00	0.29928E+01	0.29746E+00	-0.37681E+01
44	-0.87267E+00	0.20595E+00	-0.83755E+00	0.29175E+01	0.58133E+00	-0.34223E+01
45	-0.12573E+01	-0.17277E-01	-0.10127E+01	0.30939E+01	0.49419E+00	-0.34030E+01
46	-0.66499E+00	0.48970E+00	-0.53729E+00	0.29789E+01	0.37033E+00	-0.32410E+01
47	0.39616E+00	0.10172E+01	-0.18004E+00	0.32100E+01	-0.97420E-03	-0.38786E+01
48	0.16555E+00	0.93620E+00	-0.52068E+00	0.33381E+01	0.20520E+00	-0.39020E+01
49	-0.31316E+00	0.82667E+00	-0.49350E+00	0.32952E+01	0.47796E+00	-0.40140E+01
50	-0.31023E+01	-0.40611E+00	-0.20290E+01	0.28011E+01	0.14458E+01	-0.30476E+01
51	-0.82861E+00	-0.52550E+00	-0.13444E+01	0.13906E+00	0.21997E+00	-0.79224E+00
52	-0.19390E+01	-0.10027E+01	-0.19093E+01	-0.99026E+00	0.75833E+00	0.18314E+01
53	-0.11928E+01	0.58954E+00	-0.75022E+00	0.25655E+01	0.56953E+00	-0.28033E+01
54	-0.37693E+00	-0.26062E+00	-0.35219E+00	0.35539E+01	0.79685E-01	-0.41280E+01

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55	-0.59773E+00	-0.15464E-01	-0.50342E+00	0.54477E+01	0.22189E+00	-0.38626E+01
56	-0.12770E+01	0.10119E+00	-0.96416E+00	0.31049E+01	0.59168E+00	-0.34500E+01
57	-0.10948E+01	0.14929E+00	-0.79484E+00	0.28040E+01	0.42130E+00	-0.30923E+01
58	-0.12241E+01	0.24840E+00	-0.83086E+00	0.23993E+01	0.48472E+00	-0.26732E+01
59	-0.19749E+00	-0.25463E+00	-0.23711E+00	0.34997E+01	0.19806E-01	-0.40512E+01
60	-0.74339E+00	-0.71419E+00	-0.67615E+00	0.33746E+01	0.17328E+00	-0.38161E+01
61	-0.60630E+00	-0.60995E+00	-0.55265E+00	0.33457E+01	0.12455E+00	-0.38136E+01
62	-0.53282E+00	-0.77917E+00	-0.55287E+00	0.33042E+01	0.10025E-01	-0.36471E+01
63	-0.74809E+00	-0.31992E+00	-0.62281E+00	0.32602E+01	0.27939E+00	-0.36689E+01
64	-0.89456E+00	-0.69253E+00	-0.76719E+00	0.30463E+01	0.24630E+00	-0.33813E+01
65	-0.13190E+01	-0.53498E-01	-0.90917E+00	0.29844E+01	0.74938E+00	-0.33767E+01
66	-0.16692E+01	-0.35855E+00	-0.10005E+01	0.27354E+01	0.86095E+00	-0.29767E+01
67	-0.13755E+01	-0.69739E+00	-0.91532E+00	0.24495E+01	0.70708E+00	-0.26665E+01
68	-0.13502E+01	-0.65463E-01	-0.91254E+00	0.26125E+01	0.58209E+00	-0.29387E+01
69	-0.12084E+01	-0.19243E+00	-0.82165E+00	0.25044E+01	0.51294E+00	-0.28186E+01
70	-0.18005E+01	-0.58457E+00	-0.11486E+01	0.22290E+01	0.71242E+00	-0.22515E+01
71	-0.14522E+01	-0.12747E-01	-0.92243E+00	0.22529E+01	0.64434E+00	-0.24635E+01
72	-0.16676E+01	-0.22131E+00	-0.95954E+00	0.20850E+01	0.75867E+00	-0.21631E+01
73	-0.42103E+00	-0.47534E+00	-0.33619E+00	0.30838E+01	0.11534E+00	-0.28265E+01
74	-0.64917E+00	-0.45964E+00	-0.37859E+00	0.27357E+01	0.33356E+00	-0.24875E+01
75	-0.11300E+01	-0.43410E+00	-0.29929E+00	0.22481E+01	0.93795E+00	-0.19803E+01
76	-0.14628E+01	-0.28627E+00	-0.74060E+00	0.23504E+01	0.81337E+00	-0.22455E+01
77	-0.10908E+01	-0.57434E+00	-0.54229E+00	0.16539E+01	0.58982E+00	-0.14240E+01
78	-0.13051E+01	-0.74366E+00	-0.55409E+00	0.14000E+01	0.63287E+00	-0.96015E+00
79	-0.17963E+01	-0.39129E+00	-0.84573E+00	0.16905E+01	0.90279E+00	-0.14704E+01
80	-0.20706E+01	-0.57902E+00	-0.86196E+00	0.12264E+01	0.83686E+00	-0.89661E+00
81	-0.98808E+00	-0.25961E+00	-0.24572E+00	0.68944E+00	0.63717E+00	-0.47438E+00
82	-0.13106E+01	-0.71971E+00	-0.48872E+00	0.61886E+00	0.65299E+00	-0.36723E+00
83	-0.18518E+01	-0.26962E+00	-0.62431E+00	0.10383E+01	0.82744E+00	-0.67635E+00
84	-0.21903E+01	-0.47436E+00	-0.93640E+00	0.11675E+01	0.10034E+01	-0.73002E+00
85	-0.24443E+01	-0.27623E+00	-0.10990E+01	0.15737E+01	0.11733E+01	-0.12939E+01
86	-0.24390E+01	-0.29514E+00	-0.10670E+01	0.12391E+01	0.11599E+01	-0.85211E+00
87	-0.16799E+01	-0.10110E+00	-0.89069E+00	0.16385E+01	0.79236E+00	-0.16342E+01
88	-0.17063E+01	-0.90360E-02	-0.98270E+00	0.17376E+01	0.78894E+00	-0.18376E+01
89	-0.18239E+01	-0.29067E-01	-0.10370E+01	0.14752E+01	0.86133E+00	-0.15767E+01
90	-0.20627E+01	-0.13407E+00	-0.10406E+01	0.11135E+01	0.94453E+00	-0.88834E+00
91	-0.21065E+01	-0.27792E+00	-0.11772E+01	0.99200E+00	0.98545E+00	-0.10232E+01
92	-0.21313E+01	-0.35227E+00	-0.11649E+01	0.72381E+00	0.96688E+00	-0.60361E+00
93	-0.14317E+01	0.82946E+00	-0.75991E+00	0.18273E+01	0.65846E+00	-0.23159E+01
94	-0.15084E+01	0.14216E+00	-0.10382E+01	0.18862E+01	0.55941E+00	-0.22724E+01
95	-0.11072E+01	-0.39691E+00	-0.11148E+01	0.13600E+01	0.42912E+00	-0.16573E+01
96	-0.13738E+01	0.10492E+00	-0.95612E+00	0.18892E+01	0.50185E+00	-0.20524E+01
97	-0.99176E+00	-0.24217E+00	-0.98090E+00	0.15061E+01	0.41991E+00	-0.14085E+01
98	-0.11513E+01	-0.80268E-01	-0.92073E+00	0.13540E+01	0.36947E+00	-0.14501E+01
99	-0.12517E+01	0.29705E+00	-0.79394E+00	0.15349E+01	0.45161E+00	-0.16166E+01
100	-0.10223E+01	0.11093E+00	-0.75278E+00	0.11465E+01	0.34761E+00	-0.10485E+01
101	-0.12046E+01	-0.17093E+00	-0.89007E+00	0.88470E+00	0.32271E+00	-0.75766E+00
102	-0.87389E+00	0.20407E+00	-0.53122E+00	0.87617E+00	0.32347E+00	-0.68580E+00
103	-0.72027E+00	-0.18460E+00	-0.60907E+00	0.37491E+00	0.19304E+00	-0.32411E+00
104	-0.71664E+00	-0.20329E+00	-0.58131E+00	0.12733E+00	0.18097E+00	-0.14116E+00
105	-0.16905E+01	0.17698E+00	-0.11577E+01	0.15989E+01	0.87925E+00	-0.22170E+01
106	-0.27438E+01	-0.16346E+01	-0.24782E+01	0.82695E-01	0.10288E+01	-0.97856E+00
107	-0.20460E+01	-0.94459E+00	-0.18893E+01	0.83827E+00	0.95983E+00	-0.16066E+01
108	-0.17210E+01	-0.84535E+00	-0.17180E+01	0.86933E+00	0.87896E+00	-0.16053E+01
109	-0.17076E+01	-0.96986E+00	-0.18132E+01	0.32945E+00	0.85406E+00	-0.98285E+00
110	-0.37929E+00	0.24278E+00	-0.75211E+00	0.12453E+01	0.72813E+00	-0.16234E+01
111	-0.14292E+00	-0.59040E-01	-0.83863E+00	0.90174E+00	0.58146E+00	-0.84485E+00
112	-0.11571E+00	-0.35508E-01	-0.79413E+00	0.13959E+01	0.57282E+00	-0.83443E+00
113	0.39042E+00	0.54636E+00	-0.25420E+00	0.15287E+01	0.39413E+00	-0.16778E+01
114	0.27393E+00	0.20342E+00	-0.50748E+00	0.12783E+01	0.27343E+00	-0.81497E+00

563

5628

000587

115	0.35604E+00	0.23743E+00	-0.38620E+00	0.21853E+01	-0.24385E+00	-0.78713E+00
116	0.13457E+00	0.49218E+00	-0.27135E+00	0.17122E+01	0.43826E-01	-0.14323E+01
117	-0.42678E+00	-0.22145E+00	-0.72371E+00	0.18753E+01	-0.14832E+00	-0.73619E+00
118	-0.35877E+00	-0.18919E+00	-0.58594E+00	0.16314E+01	-0.18319E+00	-0.67672E+00
119	-0.18643E+00	0.42183E+00	-0.27489E+00	0.13280E+01	-0.27707E+00	-0.10573E+01
120	-0.62846E+00	-0.34755E+00	-0.64444E+00	0.14084E+01	-0.43344E+00	-0.60297E+00
121	-0.58550E+00	-0.33009E+00	-0.55447E+00	0.12132E+01	-0.45694E+00	-0.52517E+00
122	-0.28571E-01	0.65712E+00	0.40380E-02	0.11739E+01	-0.49961E+00	-0.78664E+00
123	-0.34875E+00	-0.18518E+00	-0.31865E+00	0.10178E+01	-0.63371E+00	-0.43576E+00
124	-0.33043E+00	-0.18535E+00	-0.27267E+00	0.81522E+00	-0.65254E+00	-0.34560E+00
125	-0.28153E+00	0.14345E+00	-0.21417E+00	0.68667E+00	-0.61436E+00	-0.33649E+00
126	-0.34419E+00	-0.20064E+00	-0.23549E+00	0.59249E+00	-0.69019E+00	-0.23424E+00
127	-0.34388E+00	-0.20868E+00	-0.22666E+00	0.38884E+00	-0.69445E+00	-0.16712E+00
128	-0.13276E-01	0.19243E+00	0.20733E-01	0.44913E+00	-0.68076E+00	-0.13395E+00
129	0.10230E+00	0.51949E-01	0.90871E-01	0.36945E+00	-0.73349E+00	-0.64545E-01
130	-0.19490E+01	0.40077E+00	-0.11652E+01	0.26491E+01	0.93275E+00	-0.30388E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = .1 AT TIME = 0.7300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.45463E+00	-0.30309E+01	0.25762E+01	0.48569E+02	-0.28534E+02	-0.23024E+02
131	-0.55882E-01	-0.37254E+00	0.31666E+00	0.10268E+03	-0.50608E+02	-0.74152E+02
132	-0.14407E+00	-0.96045E+00	0.81639E+00	0.17148E+03	-0.81759E+02	-0.12580E+03
133	-0.68248E-01	-0.45498E+00	0.38674E+00	0.24881E+03	-0.11328E+03	-0.18215E+03
134	-0.13754E+00	-0.91691E+00	0.77937E+00	0.33580E+03	-0.14566E+03	-0.24690E+03
135	-0.26523E+00	-0.17682E+01	0.15030E+01	0.40197E+03	-0.17021E+03	-0.30292E+03
136	-0.11969E+00	-0.79790E+00	0.67822E+00	0.45555E+03	-0.18158E+03	-0.33981E+03
137	-0.99999E-01	-0.66666E+00	0.56666E+00	0.44695E+03	-0.19760E+03	-0.35706E+03
138	-0.44664E+00	-0.29776E+01	0.19517E+01	0.45760E+03	-0.34463E+03	-0.38321E+03
139	0.34385E+00	0.22923E+01	-0.40626E+01	0.43875E+03	-0.63741E+03	-0.40735E+03
140	0.20205E+01	0.13470E+02	-0.11449E+02	0.56089E+03	-0.77170E+03	-0.45926E+03
141	0.19313E+01	0.12875E+02	-0.10944E+02	0.55658E+03	-0.78211E+03	-0.48974E+03
142	0.22036E+01	0.14592E+02	-0.12483E+02	0.58163E+03	-0.78532E+03	-0.51680E+03
143	0.22622E+01	0.15082E+02	-0.12819E+02	-0.22419E+03	-0.90586E+03	0.29031E+03
144	0.25604E+01	0.17070E+02	-0.14509E+02	-0.22296E+03	-0.89728E+03	0.26122E+03
145	-0.16690E+01	-0.11127E+02	0.35288E+01	0.19745E+03	-0.66961E+03	0.83671E+03
146	-0.67958E+00	-0.45305E+01	0.36349E+01	0.21628E+03	-0.49194E+03	0.76824E+03
147	-0.68972E+00	-0.45981E+01	0.35414E+01	0.20075E+03	-0.50210E+03	0.75290E+03
148	-0.70143E+00	-0.46762E+01	-0.10088E+01	0.19799E+03	-0.51154E+03	0.75558E+03
149	-0.71510E+00	-0.47673E+01	-0.92946E+00	0.20180E+03	-0.52152E+03	0.77312E+03
150	-0.80967E+00	-0.53979E+01	-0.43500E+00	0.15153E+03	-0.55969E+03	0.74780E+03
151	-0.96987E+00	-0.64653E+01	-0.16281E+02	0.15218E+03	-0.62910E+03	0.76751E+03
152	-0.92732E+00	-0.61821E+01	-0.29323E+02	0.15267E+03	-0.60042E+03	0.75928E+03
153	-0.86231E+00	-0.57488E+01	-0.25923E+02	0.13549E+03	-0.55930E+03	0.73975E+03
154	-0.71667E+00	-0.47778E+01	-0.49909E+02	0.12077E+03	-0.46361E+03	0.71606E+03
155	-0.50782E+00	-0.33855E+01	-0.40922E+02	0.12814E+03	-0.32212E+03	0.66626E+03
156	-0.33609E+00	-0.22406E+01	-0.35077E+02	0.10801E+03	-0.20971E+03	0.61403E+03
157	-0.19490E+00	-0.12994E+01	-0.27945E+02	0.10210E+03	-0.11569E+03	0.54267E+03
158	-0.79187E-01	-0.52792E+00	-0.23530E+02	0.87025E+02	-0.40174E+02	0.47353E+03
159	0.12553E-01	0.83636E-01	-0.16640E+02	0.63127E+02	0.17907E+02	0.38705E+03
160	0.80633E-01	0.53755E+00	-0.12132E+02	0.50575E+02	0.61785E+02	0.30634E+03
161	0.14108E+00	0.94052E+00	-0.65032E+01	0.38033E+02	0.94514E+02	0.20971E+03
162	0.16723E+00	0.11149E+01	-0.12943E+01	0.29744E+02	0.10326E+03	0.14090E+03
163	0.20713E+00	0.13809E+01	-0.76861E+00	0.55355E+01	0.12320E+03	0.94516E+02
164	0.22761E+00	0.15174E+01	0.27973E+00	-0.12765E+01	0.13428E+03	0.53110E+02

165	-0.11133E+03	0.22070E+02	-0.43796E+01	0.14242E+01	0.14171E+03	0.35639E+02
166	0.90644E+02	0.16907E+02	-0.23847E+01	0.28438E+00	0.13354E+03	0.33786E+02
167	0.73376E+02	0.12374E+02	-0.79353E+00	-0.29935E+00	0.11602E+03	0.32267E+02
168	0.57925E+02	0.88911E+01	0.18436E+00	-0.90299E+00	0.97683E+02	0.31019E+02
169	0.40089E+02	0.54091E+01	0.88190E+00	-0.13938E+01	0.86837E+02	0.29658E+02
170	0.22474E+02	0.20360E+01	0.15842E+01	-0.19556E+01	0.82354E+02	0.28063E+02
171	0.27116E+01	-0.15118E+01	0.20914E+01	-0.27401E+01	0.72977E+02	0.25655E+02
172	-0.91451E+01	-0.33234E+01	0.20670E+01	-0.35606E+01	0.59402E+02	0.22710E+02
173	-0.11035E+02	-0.29583E+01	0.13788E+01	-0.39940E+01	0.46624E+02	0.20160E+02
174	-0.97206E+01	-0.17691E+01	0.39542E+00	-0.39923E+01	0.32040E+02	0.17520E+02
175	-0.28966E+01	-0.46339E-02	-0.32441E+00	-0.32919E+01	0.23572E+02	0.15268E+02
176	0.50181E+00	0.62668E+00	-0.45042E+00	-0.25360E+01	0.21800E+02	0.13548E+02
177	0.17669E+01	0.59089E+00	-0.25717E+00	-0.17110E+01	0.20965E+02	0.10953E+02
178	0.84822E+00	0.10564E+00	0.38743E-01	-0.11191E+01	0.15502E+02	0.79279E+01
179	-0.30562E+00	-0.11120E+00	0.71612E-01	-0.10230E+01	0.10993E+02	0.55791E+01
180	0.47012E-02	-0.20660E-01	0.25021E-01	-0.84462E+00	0.64734E+01	0.33653E+01
181	-0.82281E-01	-0.10570E+00	0.85327E-01	-0.81594E+00	0.29758E+01	0.11556E+01
182	0.35217E+00	0.16357E+00	-0.96299E-01	-0.34002E+00	-0.73515E+00	-0.61255E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.35472E-02	-0.23285E-05	0.39051E-02	0.00000E+00
3	-0.66222E-02	-0.13790E-04	0.65172E-02	0.00000E+00
4	-0.73457E-02	0.11274E-04	0.69990E-02	0.00000E+00
5	-0.81665E-02	0.51532E-04	0.81291E-02	0.00000E+00
6	-0.88394E-02	-0.70878E-05	0.88384E-02	0.00000E+00
7	-0.81485E-02	-0.34968E-03	0.83423E-02	0.00000E+00
8	-0.88925E-02	-0.41573E-03	0.90122E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.38687E-02	-0.16793E-03	0.40215E-02	0.00000E+00
11	-0.67658E-02	-0.40786E-03	0.71381E-02	0.00000E+00
12	-0.72945E-02	-0.52899E-03	0.77857E-02	0.00000E+00
13	-0.82184E-02	-0.69023E-03	0.87645E-02	0.00000E+00
14	-0.89517E-02	-0.82738E-03	0.94962E-02	0.00000E+00
15	-0.83619E-02	-0.13000E-02	0.95725E-02	0.00000E+00
16	-0.90508E-02	-0.14528E-02	0.10290E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.38605E-02	-0.53633E-03	0.49107E-02	0.00000E+00
19	-0.69217E-02	-0.12819E-02	0.87375E-02	0.00000E+00
20	-0.75057E-02	-0.16358E-02	0.95001E-02	0.00000E+00
21	-0.85435E-02	-0.19292E-02	0.10640E-01	0.00000E+00
22	-0.91971E-02	-0.21386E-02	0.11400E-01	0.00000E+00
23	-0.88271E-02	-0.30435E-02	0.12191E-01	0.00000E+00
24	-0.93941E-02	-0.34221E-02	0.12824E-01	0.00000E+00
25	-0.95209E-02	-0.43219E-02	0.13649E-01	0.00000E+00
26	-0.95925E-02	-0.47619E-02	0.14113E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.36133E-02	-0.92101E-03	0.65430E-02	0.00000E+00
29	-0.67401E-02	-0.23854E-02	0.11752E-01	0.00000E+00
30	-0.75604E-02	-0.31890E-02	0.12790E-01	0.00000E+00
31	-0.87328E-02	-0.42181E-02	0.14035E-01	0.00000E+00
32	-0.96542E-02	-0.53002E-02	0.14597E-01	0.00000E+00
33	-0.86689E-02	-0.44355E-02	0.14774E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.35026E-02	-0.95651E-03	0.72274E-02	0.00000E+00
36	-0.65997E-02	-0.24565E-02	0.13012E-01	0.00000E+00
37	-0.74945E-02	-0.33378E-02	0.14261E-01	0.00000E+00
38	-0.86360E-02	-0.44737E-02	0.15497E-01	0.00000E+00
39	-0.97833E-02	-0.54404E-02	0.15522E-01	0.00000E+00
40	-0.97585E-02	-0.54264E-02	0.15321E-01	0.00000E+00
41	-0.97327E-02	-0.54134E-02	0.15124E-01	0.00000E+00
42	-0.97028E-02	-0.53919E-02	0.14880E-01	0.00000E+00
43	-0.75285E-02	-0.30448E-02	0.17520E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.35266E-02	-0.77553E-03	0.10271E-01	0.00000E+00
46	-0.68949E-02	-0.20535E-02	0.18986E-01	0.00000E+00
47	-0.97960E-02	-0.54403E-02	0.15644E-01	0.00000E+00
48	-0.97912E-02	-0.54409E-02	0.15587E-01	0.00000E+00
49	-0.86164E-02	-0.44707E-02	0.15747E-01	0.00000E+00
50	-0.97935E-02	-0.54788E-02	0.15541E-01	0.00000E+00
51	-0.86940E-02	-0.40252E-02	0.19344E-01	0.00000E+00
52	-0.98428E-02	-0.50543E-02	0.20176E-01	0.00000E+00
53	-0.98123E-02	-0.54166E-02	0.15847E-01	0.00000E+00
54	-0.79235E-02	-0.27415E-02	0.21059E-01	0.00000E+00
55	-0.91080E-02	-0.36719E-02	0.23842E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.41261E-02	-0.52419E-03	0.13924E-01	0.00000E+00
58	-0.80146E-02	-0.15166E-02	0.25505E-01	0.00000E+00
59	-0.10179E-01	-0.46026E-02	0.25725E-01	0.00000E+00
60	-0.98693E-02	-0.49116E-02	0.21705E-01	0.00000E+00
61	-0.97942E-02	-0.54992E-02	0.15534E-01	0.00000E+00
62	-0.91780E-02	-0.20959E-02	0.23858E-01	0.00000E+00
63	-0.10668E-01	-0.29193E-02	0.33309E-01	0.00000E+00
64	-0.98963E-02	-0.51294E-02	0.20357E-01	0.00000E+00
65	-0.97949E-02	-0.55188E-02	0.15525E-01	0.00000E+00
66	-0.98001E-02	-0.55580E-02	0.15508E-01	0.00000E+00
67	-0.98055E-02	-0.55989E-02	0.15494E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.49495E-02	-0.28610E-03	0.16532E-01	0.00000E+00
70	-0.96059E-02	-0.10799E-02	0.31194E-01	0.00000E+00
71	-0.11736E-01	-0.38535E-02	0.36685E-01	0.00000E+00
72	-0.99867E-02	-0.51075E-02	0.21936E-01	0.00000E+00
73	-0.12694E-01	-0.22695E-02	0.40928E-01	0.00000E+00
74	-0.10112E-01	-0.54375E-02	0.22393E-01	0.00000E+00
75	-0.98098E-02	-0.56356E-02	0.15473E-01	0.00000E+00
76	-0.98354E-02	-0.57079E-02	0.15424E-01	0.00000E+00
77	-0.13967E-01	-0.30639E-02	0.45284E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.58271E-02	-0.93760E-04	0.19286E-01	0.00000E+00
80	-0.11316E-01	-0.61331E-03	0.36301E-01	0.00000E+00
81	-0.12866E-01	-0.96878E-03	0.40918E-01	0.00000E+00
82	-0.14811E-01	-0.15916E-02	0.46765E-01	0.00000E+00
83	-0.12581E-01	-0.49420E-02	0.38949E-01	0.00000E+00
84	-0.16704E-01	-0.34339E-02	0.53977E-01	0.00000E+00
85	-0.98878E-02	-0.58026E-02	0.15352E-01	0.00000E+00
86	-0.10334E-01	-0.58490E-02	0.22643E-01	0.00000E+00
87	-0.16361E-01	-0.23346E-02	0.51579E-01	0.00000E+00
88	-0.11256E-01	-0.54234E-02	0.30618E-01	0.00000E+00
89	-0.99236E-02	-0.58922E-02	0.15271E-01	0.00000E+00
90	-0.18044E-01	-0.84545E-03	0.48352E-01	0.00000E+00
91	-0.19607E-01	-0.13685E-02	0.52330E-01	0.00000E+00
92	-0.20348E-01	-0.18416E-02	0.54083E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.90881E-02	0.00000E+00	0.21250E-01	0.00000E+00
95	-0.16700E-01	0.00000E+00	0.39192E-01	0.00000E+00
96	-0.18617E-01	0.00000E+00	0.43478E-01	0.00000E+00
97	-0.20732E-01	0.00000E+00	0.47713E-01	0.00000E+00
98	-0.21805E-01	0.00000E+00	0.49071E-01	0.00000E+00
99	-0.20422E-01	-0.81245E-03	0.50335E-01	0.00000E+00
100	-0.20266E-01	-0.23181E-02	0.55421E-01	0.00000E+00
101	-0.17496E-01	-0.47544E-02	0.55826E-01	0.00000E+00
102	-0.10001E-01	-0.60219E-02	0.15132E-01	0.00000E+00
103	-0.12922E-01	-0.56659E-02	0.40022E-01	0.00000E+00
104	-0.10413E-01	-0.64447E-02	0.22720E-01	0.00000E+00
105	-0.10019E-01	-0.61447E-02	0.14970E-01	0.00000E+00
106	-0.13144E-01	-0.63483E-02	0.40162E-01	0.00000E+00
107	-0.10449E-01	-0.69374E-02	0.22502E-01	0.00000E+00
108	-0.10025E-01	-0.62606E-02	0.14786E-01	0.00000E+00
109	-0.10009E-01	-0.65863E-02	0.14577E-01	0.00000E+00
110	-0.13229E-01	-0.73947E-02	0.39269E-01	0.00000E+00
111	-0.10421E-01	-0.74086E-02	0.22042E-01	0.00000E+00
112	-0.99923E-02	-0.64637E-02	0.14346E-01	0.00000E+00
113	-0.12479E-01	-0.73717E-02	0.35581E-01	0.00000E+00
114	-0.99646E-02	-0.65497E-02	0.14090E-01	0.00000E+00
115	-0.99501E-02	-0.66253E-02	0.13812E-01	0.00000E+00
116	-0.99497E-02	-0.66861E-02	0.13511E-01	0.00000E+00

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000571

117	-0.10388E-01	-0.77901E-02	0.21214E-01	0.00000E+00
118	-0.99530E-02	-0.67121E-02	0.13353E-01	0.00000E+00
119	-0.99690E-02	-0.67442E-02	0.13081E-01	0.00000E+00
120	-0.10159E-01	-0.82116E-02	0.19871E-01	0.00000E+00
121	-0.99713E-02	-0.67827E-02	0.12730E-01	0.00000E+00
122	-0.99754E-02	-0.68152E-02	0.12651E-01	0.80681E-05
123	-0.10000E-01	-0.68855E-02	0.12575E-01	0.14575E-04
124	-0.10043E-01	-0.69988E-02	0.12500E-01	0.22300E-04
125	-0.10118E-01	-0.71650E-02	0.12418E-01	0.31943E-04
126	-0.10304E-01	-0.75595E-02	0.12283E-01	0.44704E-04
127	-0.10530E-01	-0.80372E-02	0.12149E-01	0.49022E-04
128	-0.10936E-01	-0.90624E-02	0.11876E-01	0.40700E-04
129	-0.11230E-01	-0.97693E-02	0.11623E-01	0.22674E-04
130	-0.11332E-01	-0.10049E-01	0.11348E-01	-0.40992E-06
131	-0.11137E-01	-0.93844E-02	0.10932E-01	-0.24786E-04
132	-0.10720E-01	-0.80345E-02	0.10574E-01	-0.32250E-04
133	-0.10344E-01	-0.66243E-02	0.10264E-01	-0.29898E-04
134	-0.10069E-01	-0.53330E-02	0.10019E-01	-0.28107E-04
135	-0.98545E-02	-0.40479E-02	0.98263E-02	-0.28626E-04
136	-0.96957E-02	-0.27628E-02	0.96835E-02	-0.28218E-04
137	-0.96054E-02	-0.15221E-02	0.96019E-02	-0.28057E-04
138	-0.95447E-02	-0.22454E-03	0.95450E-02	-0.28069E-04
139	-0.95447E-02	-0.28066E-04	0.95447E-02	-0.28066E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7400E+01

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NL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.42166E-01	-0.40361E-01	0.21402E-01	-0.46023E+00	-0.15059E-01	0.49166E+00
2	-0.44743E-01	-0.38265E-01	0.50210E-01	-0.38679E+00	-0.16297E-02	0.37365E+00
3	-0.18172E-02	-0.21389E-01	0.75216E-01	-0.30094E+00	0.75923E-01	0.27919E+00
4	-0.83012E-01	-0.72071E-01	-0.15823E+00	-0.25028E+00	0.72851E-01	0.29665E+00
5	0.30419E-01	-0.18156E-01	0.61908E-01	-0.22825E+00	0.50666E-01	0.25803E+00
6	-0.37345E-01	-0.81972E-01	0.76958E-01	-0.26165E+00	0.32065E-01	0.26916E+00
7	0.26029E-01	0.57853E-02	0.81793E-01	-0.23240E+00	0.10511E-01	0.21891E+00
8	0.82413E-02	-0.13993E-01	0.11618E+00	-0.23348E+00	0.39673E-01	0.22556E+00
9	-0.11392E+00	-0.20306E+00	-0.83911E-01	-0.48565E+00	0.18650E-01	0.55508E+00
10	-0.97542E-01	-0.20410E+00	0.30148E-03	-0.41069E+00	0.51856E-01	0.45506E+00
11	-0.50741E-01	-0.16856E+00	0.24376E+00	-0.35569E+00	0.13408E+00	0.35668E+00
12	-0.63121E-01	-0.81152E-01	0.10478E+00	-0.31025E+00	0.87494E-01	0.27749E+00
13	-0.62884E-02	-0.62430E-01	0.18014E+00	-0.30831E+00	0.80622E-01	0.27092E+00
14	-0.10289E+00	-0.15443E+00	0.13675E+00	-0.33848E+00	0.10580E+00	0.32693E+00
15	-0.55324E-02	-0.26729E-01	0.16621E+00	-0.27090E+00	0.80492E-01	0.23933E+00
16	0.81879E-02	-0.13792E-01	0.24153E+00	-0.26918E+00	0.10957E+00	0.25359E+00
17	-0.17908E+00	-0.37583E+00	-0.13708E+00	-0.47123E+00	0.31174E-01	0.71105E+00
18	-0.11395E+00	-0.41636E+00	0.18399E-01	-0.43421E+00	0.92717E-01	0.59122E+00
19	0.36223E-01	-0.40736E+00	0.44526E+00	-0.45761E+00	0.26087E+00	0.45943E+00
20	-0.14720E+00	-0.17194E+00	0.16229E+00	-0.42605E+00	0.17649E+00	0.33886E+00
21	-0.76515E-01	-0.34484E+00	0.18766E+00	-0.41875E+00	0.16568E+00	0.32618E+00
22	-0.20412E+00	-0.68314E+00	0.56976E-01	-0.46037E+00	0.17668E+00	0.38037E+00
23	-0.78733E-01	-0.12378E+00	0.23060E+00	-0.35327E+00	0.15725E+00	0.26173E+00
24	-0.10512E+00	-0.18332E+00	0.24088E+00	-0.45203E+00	0.17073E+00	0.26746E+00
25	-0.15463E+00	-0.47973E+00	0.13895E+00	-0.41232E+00	0.18130E+00	0.25745E+00
26	-0.62514E+00	-0.10253E+01	-0.24146E+00	-0.57483E+00	0.18131E+00	0.27073E+00
27	-0.21947E+00	-0.47538E+00	-0.16582E+00	-0.43912E+00	0.41788E-01	0.85283E+00
28	-0.10943E+00	-0.53175E-01	0.48135E-01	-0.39309E+00	0.12372E+00	0.71226E+00
29	0.13203E+00	-0.58445E+00	0.59710E+00	-0.36704E+00	0.37134E+00	0.55601E+00
30	-0.31493E-01	-0.54671E+00	0.22540E+00	-0.37184E+00	0.23766E+00	0.38585E+00
31	-0.21532E+00	-0.75906E+00	0.90482E-01	-0.28967E+00	0.24430E+00	0.36759E+00
32	-0.14429E+00	-0.67535E+00	0.17868E+00	-0.26983E+00	0.24584E+00	0.38001E+00
33	-0.45744E+00	-0.91401E+00	-0.10637E+00	-0.35227E+00	0.21162E+00	0.25690E+00
34	-0.75552E+00	-0.10762E+01	-0.28704E+00	-0.31864E+00	0.11926E+00	0.22971E+00
35	-0.48454E+00	-0.89422E+00	-0.10316E+00	-0.27150E+00	0.71728E-01	0.22762E+00
36	-0.13449E+00	-0.64123E+00	0.16904E+00	-0.28835E+00	0.25556E+00	0.17700E+00
37	-0.44555E+00	-0.85246E+00	-0.56579E-01	-0.29273E+00	0.73459E-01	0.14579E+00
38	-0.22223E+00	-0.43224E+00	-0.11745E+00	-0.42324E+00	0.55082E-01	0.10779E+01
39	-0.17551E+00	-0.49267E+00	0.13217E+00	-0.37463E+00	0.17324E+00	0.91679E+00
40	-0.14499E-01	-0.64180E+00	0.67590E+00	-0.24598E+00	0.57766E+00	0.58595E+00
41	-0.17934E-01	-0.51437E+00	0.81309E+00	-0.22997E+00	0.46291E+00	0.65691E+00
42	-0.13067E+00	-0.41438E+00	0.93581E+00	-0.29180E+00	0.56909E+00	0.85443E+00
43	-0.19367E+00	-0.71684E+00	0.19386E+00	-0.20236E+00	0.31879E+00	0.34988E+00
44	-0.31966E-01	-0.42932E+00	0.44569E+00	-0.17154E+00	0.42892E+00	0.48879E+00
45	-0.21232E+00	-0.50006E+00	0.44919E+00	-0.19402E+00	0.48274E+00	0.47487E+00
46	-0.12343E+00	-0.39610E+00	0.54427E+00	-0.20664E+00	0.31752E+00	0.67012E+00
47	-0.20354E+00	-0.68339E+00	0.12651E+00	-0.27650E+00	0.20022E+00	0.12946E+00
48	-0.37194E+00	-0.80231E+00	-0.10438E-02	-0.28142E+00	0.43728E-01	0.11216E+00
49	-0.33044E+00	-0.80035E+00	0.79167E-01	-0.22205E+00	0.32437E+00	-0.26200E-01
50	0.88160E-01	-0.39466E+00	0.48599E+00	-0.14686E+00	0.71034E+00	0.29691E+00
51	0.18544E+00	0.57161E-01	0.53244E+00	-0.28641E-02	0.55677E-01	0.45016E-01
52	0.98262E+00	0.11725E+01	0.13640E+01	0.80752E-01	0.43799E+00	0.18344E+01
53	-0.10987E+00	-0.33779E+00	0.59740E+00	-0.16750E+00	0.53609E+00	0.40889E+00
54	-0.19401E+00	-0.30891E+00	-0.22270E-01	-0.45846E+00	0.70025E-01	0.14836E+01

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55	-0.22060E+00	-0.37201E+00	0.26176E+00	-0.41456E+00	0.19481E+00	0.12521E+01
56	-0.23519E+00	-0.35152E+00	0.10772E+01	-0.31496E+00	0.56796E+00	0.10597E+01
57	-0.21046E+00	-0.34641E+00	0.67436E+00	-0.22928E+00	0.42775E+00	0.83590E+00
58	-0.19724E+00	-0.33102E+00	0.78392E+00	-0.16681E+00	0.52972E+00	0.63834E+00
59	-0.84592E-01	-0.21273E+00	0.12480E-02	-0.50430E+00	-0.42920E-01	0.17041E+01
60	-0.14864E+00	-0.97815E-01	0.14883E+00	-0.58748E+00	0.10291E+00	0.20239E+01
61	-0.15393E+00	-0.95144E-01	0.16084E+00	-0.59083E+00	0.10890E+00	0.20220E+01
62	0.14451E+00	0.12159E+00	0.23968E+00	-0.71221E+00	-0.47587E-01	0.23575E+01
63	-0.19632E+00	-0.23755E+00	0.36650E+00	-0.49745E+00	0.11135E+00	0.16146E+01
64	-0.11204E+00	-0.82752E-01	0.46697E+00	-0.59536E+00	0.93639E-01	0.19415E+01
65	-0.36328E+00	-0.32138E+00	0.11331E+01	-0.36252E+00	0.31953E+00	0.12704E+01
66	-0.38165E+00	-0.17257E+00	0.12443E+01	-0.43658E+00	0.34194E+00	0.13871E+01
67	-0.28203E+00	-0.40930E-01	0.12752E+01	-0.49971E+00	0.22138E+00	0.17119E+01
68	-0.30614E+00	-0.31171E+00	0.77562E+00	-0.26656E+00	0.29506E+00	0.10022E+01
69	-0.19244E+00	-0.19225E+00	0.82981E+00	-0.31353E+00	0.17132E+00	0.13333E+01
70	-0.16567E+00	-0.65657E-01	0.93871E+00	-0.36276E+00	0.13716E+00	0.12870E+01
71	-0.23986E+00	-0.24555E+00	0.93688E+00	-0.19137E+00	0.29836E+00	0.88333E+00
72	-0.21104E+00	-0.15323E+00	0.99379E+00	-0.24478E+00	0.11873E+00	0.10231E+01
73	0.91112E-03	0.49237E-01	0.16229E+00	-0.91063E+00	-0.32794E-01	0.24773E+01
74	-0.22753E-01	0.72233E-01	0.42559E+00	-0.79416E+00	-0.10043E+00	0.21377E+01
75	-0.21526E+00	0.62759E-01	0.98925E+00	-0.60635E+00	-0.29816E+00	0.16385E+01
76	-0.61430E-01	-0.51193E-01	0.87814E+00	-0.38917E+00	-0.26094E+00	0.12792E+01
77	-0.20329E-01	0.72014E-01	0.74847E+00	-0.47763E+00	-0.20455E+00	0.13391E+01
78	0.19842E+00	0.43136E+00	0.87997E+00	-0.42107E+00	-0.25201E+00	0.91992E+00
79	-0.22414E-01	-0.15991E-01	0.94249E+00	-0.30007E+00	-0.29141E+00	0.96857E+00
80	0.21759E+00	0.14184E+00	0.93031E+00	-0.28712E+00	-0.46568E+00	0.87109E+00
81	-0.27653E-01	0.48129E-01	0.69802E+00	-0.20599E+00	-0.27407E+00	0.49909E+00
82	0.21650E+00	0.44196E+00	0.83840E+00	-0.16650E+00	-0.32615E+00	0.29647E+00
83	0.18669E+00	0.74779E-01	0.92012E+00	-0.15449E+00	-0.47603E+00	0.49883E+00
84	0.25979E-01	0.36201E-02	0.97254E+00	-0.20866E+00	-0.33781E+00	0.62819E+00
85	-0.28168E-01	-0.50450E-01	0.11057E+01	-0.13720E+00	-0.34097E+00	0.53851E+00
86	0.16752E-01	-0.19254E-01	0.11863E+01	-0.56932E-01	-0.35906E+00	0.29056E+00
87	-0.12903E+00	-0.35562E-01	0.11681E+01	-0.15974E+00	0.10440E+00	0.91004E+00
88	-0.24999E+00	-0.22459E+00	0.10409E+01	-0.11889E+00	0.32892E+00	0.54739E+00
89	-0.27047E+00	-0.23105E+00	0.10652E+01	-0.13446E-01	0.33446E+00	0.36058E+00
90	-0.15840E+00	-0.78715E-01	0.12133E+01	-0.25092E-01	0.31155E+00	0.31334E+00
91	-0.26372E+00	-0.17785E+00	0.11130E+01	0.23273E-01	0.35920E+00	0.12153E+00
92	-0.20262E+00	-0.75632E-01	0.11635E+01	0.70084E-01	0.36448E+00	-0.48057E-01
93	-0.13067E+00	-0.41522E+00	0.57878E+00	-0.57278E-01	0.62399E+00	0.35585E+00
94	-0.17706E+00	-0.33561E+00	0.70583E+00	-0.11481E+00	0.61371E+00	0.40516E+00
95	-0.13943E+00	-0.23592E+00	0.71968E+00	-0.35482E-01	0.71789E+00	0.21952E+00
96	-0.11576E+00	-0.24013E+00	0.92322E+00	-0.50292E-01	0.60270E+00	0.45374E+00
97	-0.11549E+00	-0.20037E+00	0.74398E+00	0.33655E-01	0.71771E+00	0.14599E+00
98	-0.14679E+00	-0.18059E+00	0.91418E+00	-0.52897E-01	0.71073E+00	0.24858E+00
99	-0.72723E-01	-0.14199E+00	0.10901E+01	-0.33715E-01	0.59499E+00	0.33307E+00
100	-0.12154E+00	-0.11375E+00	0.95110E+00	0.77965E-02	0.72191E+00	0.11031E+00
101	-0.16897E+00	-0.86567E-01	0.84597E+00	0.44571E-01	0.76778E+00	0.13726E-01
102	-0.15634E+00	-0.83335E-01	0.10053E+01	0.50994E-01	0.72082E+00	-0.44875E-01
103	-0.14212E+00	-0.25057E-01	0.80277E+00	0.25928E-01	0.80119E+00	-0.69164E-01
104	-0.17219E+00	-0.44134E-01	0.74666E+00	0.69944E-01	0.81421E+00	-0.15088E+00
105	0.13969E+00	-0.20613E+00	0.68638E+00	-0.44146E-01	0.66352E+00	0.42406E+00
106	0.33833E+00	0.17829E+00	0.72730E+00	0.70469E-01	0.61754E+00	0.10701E+00
107	0.19777E+00	-0.34015E-01	0.62904E+00	0.87885E-03	0.62404E+00	0.34440E+00
108	0.18259E+00	-0.35914E-01	0.64397E+00	-0.16709E-02	0.64595E+00	0.32794E+00
109	0.27962E+00	0.15322E+00	0.72264E+00	0.49345E-01	0.67425E+00	0.10578E+00
110	0.10661E+00	-0.11907E+00	0.60423E+00	0.38517E-02	0.68267E+00	0.27835E+00
111	0.25353E+00	0.17178E+00	0.72403E+00	0.89143E-02	0.74392E+00	0.88275E-01
112	0.25247E+00	0.17353E+00	0.71963E+00	-0.59611E-02	0.74759E+00	0.84085E-01
113	0.10564E-01	-0.23295E+00	0.57710E+00	-0.68790E-01	0.73250E+00	0.23667E+00
114	0.15227E+00	0.11772E+00	0.65219E+00	-0.23218E-01	0.80392E+00	0.81515E-01

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115	0.15167E+00	0.12241E+00	0.64599E+00	-0.35993E-01	0.80671E+00	0.74199E-01
116	-0.62888E-02	-0.22803E+00	0.56549E+00	-0.38143E-01	0.78680E+00	0.16574E+00
117	0.16695E+00	0.14060E+00	0.65002E+00	-0.50357E-01	0.86116E+00	0.68683E-01
118	0.16935E+00	0.15043E+00	0.64620E+00	-0.43779E-01	0.86427E+00	0.58568E-01
119	0.58078E-01	-0.98736E-01	0.62910E+00	-0.68249E-01	0.82912E+00	0.96504E-01
120	0.13178E+00	0.13658E+00	0.61063E+00	-0.68658E-01	0.89336E+00	0.51489E-01
121	0.13616E+00	0.15001E+00	0.60816E+00	-0.68514E-01	0.89679E+00	0.40780E-01
122	0.16984E-01	-0.11834E+00	0.58058E+00	-0.88381E-01	0.85150E+00	0.40185E-01
123	0.11879E+00	0.14927E+00	0.58035E+00	-0.10131E+00	0.90785E+00	0.33201E-01
124	0.12468E+00	0.16638E+00	0.57796E+00	-0.10843E+00	0.91198E+00	0.22270E-01
125	0.50491E-01	-0.33127E-01	0.53999E+00	-0.12288E+00	0.85017E+00	-0.51698E-01
126	0.12600E+00	0.17873E+00	0.55141E+00	-0.14933E+00	0.88968E+00	0.14194E-01
127	0.12939E+00	0.19157E+00	0.54704E+00	-0.15300E+00	0.89336E+00	0.75164E-02
128	0.12313E+00	0.74472E-01	0.54218E+00	-0.13923E+00	0.84279E+00	-0.80055E-01
129	0.28783E+00	0.29698E+00	0.60069E+00	-0.19477E+00	0.83607E+00	-0.76347E-02
183	0.15387E-01	-0.39765E+00	0.55127E+00	-0.16053E+00	0.69514E+00	0.28749E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.21157E+00	0.14105E+01	-0.11989E+01	-0.68547E+01	0.20570E+02	0.47532E+01
131	0.70991E-01	0.47327E+00	-0.40228E+00	-0.49063E+01	0.40112E+02	0.21062E+02
132	0.10111E+00	0.67403E+00	-0.57293E+00	-0.85920E+01	0.64544E+02	0.35084E+02
133	0.77251E-01	0.51501E+00	-0.43776E+00	-0.13701E+02	0.88691E+02	0.49594E+02
134	0.15232E+00	0.10155E+01	-0.86315E+00	-0.19458E+02	0.11256E+03	0.63988E+02
135	0.19593E+00	0.13062E+01	-0.11103E+01	-0.27464E+02	0.12869E+03	0.74639E+02
136	0.15772E+00	0.10515E+01	-0.89374E+00	-0.29506E+02	0.13724E+03	0.79438E+02
137	0.19622E+00	0.13081E+01	-0.11119E+01	-0.21425E+02	0.14485E+03	0.82642E+02
138	0.39143E-01	0.26095E+00	-0.31265E-01	-0.19776E+02	0.22619E+03	0.86290E+02
139	-0.62849E+00	-0.41899E+01	0.43445E+01	-0.12936E+02	0.38634E+03	0.94757E+02
140	-0.15701E+01	-0.10467E+02	0.88973E+01	-0.23598E+02	0.46736E+03	0.10428E+03
141	-0.14760E+01	-0.98401E+01	0.83641E+01	-0.18938E+02	0.47174E+03	0.11179E+03
142	-0.16887E+01	-0.11256E+02	0.95692E+01	-0.18944E+02	0.47429E+03	0.11435E+03
143	-0.17322E+01	-0.11548E+02	0.98157E+01	0.16931E+02	0.48071E+03	0.73565E+02
144	-0.20474E+01	-0.13649E+02	0.11602E+02	0.18557E+02	0.48307E+03	0.83882E+02
145	0.89898E+00	0.59932E+01	0.19062E+01	-0.14614E+03	0.35470E+03	-0.48056E+02
146	0.35788E+00	0.23859E+01	0.25576E+00	-0.11963E+03	0.25821E+03	-0.91719E+02
147	0.35735E+00	0.23824E+01	0.30625E+00	-0.11298E+03	0.25880E+03	-0.85656E+02
148	0.35636E+00	0.23757E+01	0.46850E+00	-0.11320E+03	0.25800E+03	-0.86728E+02
149	0.35505E+00	0.23670E+01	0.43285E+00	-0.11975E+03	0.25600E+03	-0.92559E+02
150	0.39291E+00	0.26194E+01	0.53408E+00	-0.10762E+03	0.26649E+03	-0.85370E+02
151	0.46570E+00	0.31047E+01	0.11854E+01	-0.11773E+03	0.29537E+03	-0.89715E+02
152	0.45748E+00	0.30499E+01	0.16234E+01	-0.11561E+03	0.29017E+03	-0.86701E+02
153	0.44750E+00	0.29833E+01	0.13363E+01	-0.10813E+03	0.28458E+03	-0.82113E+02
154	0.43372E+00	0.28915E+01	0.17505E+01	-0.10395E+03	0.27594E+03	-0.76524E+02
155	0.41733E+00	0.27822E+01	0.10201E+01	-0.97726E+02	0.26586E+03	-0.68200E+02
156	0.40201E+00	0.26801E+01	0.95373E+00	-0.91445E+02	0.25650E+03	-0.60180E+02
157	0.38617E+00	0.25744E+01	0.75850E+00	-0.81432E+02	0.24736E+03	-0.51090E+02
158	0.36929E+00	0.24619E+01	0.86303E+00	-0.73595E+02	0.23719E+03	-0.42374E+02
159	0.35095E+00	0.23397E+01	0.81506E+00	-0.62376E+02	0.22654E+03	-0.32823E+02
160	0.33060E+00	0.22040E+01	0.11087E+01	-0.52606E+02	0.21433E+03	-0.23720E+02
161	0.33899E+00	0.22599E+01	0.15656E+01	-0.39316E+02	0.20750E+03	-0.14659E+02
162	0.32374E+00	0.21583E+01	0.17749E+01	-0.29637E+02	0.18681E+03	-0.84647E+01
163	0.34966E+00	0.23310E+01	0.23536E+01	-0.18575E+02	0.20378E+03	-0.41797E+01
164	0.31520E+00	0.21013E+01	0.21976E+01	-0.21793E+02	0.18294E+03	0.87391E+01

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165	0.17309E+03	0.20396E+02	0.31501E+01	0.85768E+01	0.17512E+03	0.13954E+02
166	0.13707E+03	0.14333E+02	0.59753E+01	0.59008E+01	0.16061E+03	0.11705E+02
167	0.10586E+03	0.10449E+02	0.51742E+01	0.43492E+01	0.13504E+03	0.98789E+01
168	0.78043E+02	0.75146E+01	0.40715E+01	0.28070E+01	0.10937E+03	0.83315E+01
169	0.46169E+02	0.26944E+01	0.40963E+01	0.13701E+01	0.91065E+02	0.63061E+01
170	0.15056E+02	-0.28704E+01	0.49359E+01	-0.22400E+00	0.77930E+02	0.46788E+01
171	-0.14904E+02	-0.78309E+01	0.52798E+01	-0.22940E+01	0.55518E+02	0.21345E+01
172	-0.31496E+02	-0.96866E+01	0.45734E+01	-0.42806E+01	0.27535E+02	-0.33458E+00
173	-0.29342E+02	-0.74400E+01	0.27074E+01	-0.52728E+01	0.51694E+01	-0.16798E+01
174	-0.15378E+02	-0.33191E+01	0.80819E+00	-0.52579E+01	-0.91612E+01	-0.19680E+01
175	-0.30931E+01	-0.37184E+00	-0.15857E+00	-0.41936E+01	-0.96166E+01	-0.13467E+01
176	0.68386E+00	0.23831E+00	-0.16482E+00	-0.32378E+01	-0.58494E+01	-0.74852E+00
177	0.41063E+00	0.70096E-01	-0.33964E-01	-0.24757E+01	-0.38620E+01	-0.48823E+00
178	-0.85019E-01	0.17046E-03	-0.26710E-01	-0.18002E+01	-0.26729E+01	-0.36373E+00
179	0.72332E-01	0.34426E-01	-0.32160E-01	-0.12703E+01	-0.18332E+01	-0.21859E+00
180	0.20718E-01	-0.17932E-02	-0.59973E-03	-0.78680E+00	-0.10536E+01	-0.11226E+00
181	0.21145E-02	0.21602E-01	-0.22232E-01	-0.31305E+00	-0.48452E+00	0.38863E-02
182	0.11040E-02	0.49899E-03	-0.28991E-03	0.61687E-02	0.19401E+00	0.51086E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.43600E-01	0.61987E-04	0.43618E-01	0.00000E+00
3	-0.32165E-01	-0.95855E-04	0.82263E-01	0.00000E+00
4	-0.92187E-01	-0.15063E-03	0.92282E-01	0.00000E+00
5	-0.10622E+00	-0.40813E-04	0.10624E+00	0.00000E+00
6	-0.11582E+00	-0.16853E-05	0.11583E+00	0.00000E+00
7	-0.10639E+00	-0.61320E-03	0.10628E+00	0.00000E+00
8	-0.11609E+00	-0.39434E-03	0.11608E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.42664E-01	-0.33454E-03	0.42443E-01	0.00000E+00
11	-0.81153E-01	-0.80559E-03	0.80860E-01	0.00000E+00
12	-0.91706E-01	-0.95490E-03	0.91419E-01	0.00000E+00
13	-0.10654E+00	-0.75536E-03	0.10622E+00	0.00000E+00
14	-0.11679E+00	-0.44490E-03	0.11675E+00	0.00000E+00
15	-0.10712E+00	-0.11818E-02	0.10703E+00	0.00000E+00
16	-0.11796E+00	-0.59317E-03	0.11793E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.41735E-01	-0.41934E-03	0.41490E-01	0.00000E+00
19	-0.80396E-01	-0.10648E-02	0.79936E-01	0.00000E+00
20	-0.91616E-01	-0.13003E-02	0.91084E-01	0.00000E+00
21	-0.10770E+00	-0.10075E-02	0.10740E+00	0.00000E+00
22	-0.11965E+00	-0.45039E-03	0.11970E+00	0.00000E+00
23	-0.10850E+00	-0.10637E-02	0.10807E+00	0.00000E+00
24	-0.12193E+00	0.37544E-04	0.12225E+00	0.00000E+00
25	-0.12329E+00	0.25341E-04	0.12389E+00	0.00000E+00
26	-0.12410E+00	0.26720E-03	0.12491E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.40584E-01	0.29933E-05	0.38659E-01	0.00000E+00
29	-0.79008E-01	-0.21007E-03	0.75811E-01	0.00000E+00
30	-0.90836E-01	-0.39582E-03	0.87763E-01	0.00000E+00
31	-0.10896E+00	-0.30123E-03	0.10769E+00	0.00000E+00
32	-0.12492E+00	0.72591E-03	0.12599E+00	0.00000E+00
33	-0.10896E+00	-0.21397E-03	0.10710E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.40227E-01	0.26718E-03	0.37197E-01	0.00000E+00
36	-0.78464E-01	0.37857E-03	0.73285E-01	0.00000E+00
37	-0.90245E-01	0.43133E-03	0.84832E-01	0.00000E+00
38	-0.10890E+00	0.42612E-03	0.10604E+00	0.00000E+00
39	-0.12595E+00	0.57828E-03	0.12744E+00	0.00000E+00
40	-0.12574E+00	0.57734E-03	0.12713E+00	0.00000E+00
41	-0.12534E+00	0.57852E-03	0.12683E+00	0.00000E+00
42	-0.12531E+00	0.58833E-03	0.12650E+00	0.00000E+00
43	-0.88856E-01	0.13687E-02	0.76812E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.38333E-01	0.65071E-03	0.29537E-01	0.00000E+00
46	-0.75098E-01	0.13368E-02	0.58210E-01	0.00000E+00
47	-0.12599E+00	0.57817E-03	0.12744E+00	0.00000E+00
48	-0.12602E+00	0.57826E-03	0.12754E+00	0.00000E+00
49	-0.10885E+00	0.63187E-03	0.10546E+00	0.00000E+00
50	-0.12610E+00	0.57590E-03	0.12801E+00	0.00000E+00
51	-0.10705E+00	0.13870E-02	0.94674E-01	0.00000E+00
52	-0.12302E+00	-0.16020E-03	0.11164E+00	0.00000E+00
53	-0.12592E+00	0.56790E-03	0.12709E+00	0.00000E+00
54	-0.86178E-01	0.13621E-02	0.67333E-01	0.00000E+00
55	-0.10379E+00	0.11418E-02	0.82249E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.35435E-01	0.11188E-02	0.19902E-01	0.00000E+00
58	-0.69596E-01	0.15416E-02	0.40534E-01	0.00000E+00
59	-0.11806E+00	0.54780E-03	0.95056E-01	0.00000E+00
60	-0.12170E+00	0.23435E-04	0.10665E+00	0.00000E+00
61	-0.12612E+00	0.56593E-03	0.12828E+00	0.00000E+00
62	-0.79994E-01	0.19179E-02	0.46970E-01	0.00000E+00
63	-0.95465E-01	0.19829E-02	0.56694E-01	0.00000E+00
64	-0.12379E+00	-0.16633E-03	0.11247E+00	0.00000E+00
65	-0.12615E+00	0.55649E-03	0.12853E+00	0.00000E+00
66	-0.12634E+00	0.53858E-03	0.12905E+00	0.00000E+00
67	-0.12653E+00	0.52331E-03	0.12958E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.32668E-01	0.10110E-02	0.11615E-01	0.00000E+00
70	-0.63090E-01	0.25051E-02	0.23584E-01	0.00000E+00
71	-0.10977E+00	0.20725E-02	0.66295E-01	0.00000E+00
72	-0.12401E+00	-0.31718E-03	0.10892E+00	0.00000E+00
73	-0.86496E-01	0.32858E-02	0.33420E-01	0.00000E+00
74	-0.12815E+00	-0.36459E-03	0.11257E+00	0.00000E+00
75	-0.12669E+00	0.51775E-03	0.13007E+00	0.00000E+00
76	-0.12771E+00	0.51737E-03	0.13098E+00	0.00000E+00
77	-0.99059E-01	0.31959E-02	0.38908E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.30146E-01	0.14132E-02	0.39099E-02	0.00000E+00
80	-0.56802E-01	0.30048E-02	0.71810E-02	0.00000E+00
81	-0.64354E-01	0.38752E-02	0.82446E-02	0.00000E+00
82	-0.76377E-01	0.40862E-02	0.11008E-01	0.00000E+00
83	-0.12267E+00	0.18151E-02	0.76009E-01	0.00000E+00
84	-0.10221E+00	0.37621E-02	0.24877E-01	0.00000E+00
85	-0.12989E+00	0.51781E-03	0.13218E+00	0.00000E+00
86	-0.13267E+00	-0.17957E-04	0.11704E+00	0.00000E+00
87	-0.87537E-01	0.42739E-02	0.14328E-01	0.00000E+00
88	-0.12917E+00	0.74065E-03	0.97294E-01	0.00000E+00
89	-0.13185E+00	0.52912E-03	0.13335E+00	0.00000E+00
90	-0.58457E-01	0.26907E-02	-0.16882E-01	0.00000E+00
91	-0.63843E-01	0.26253E-02	-0.18966E-01	0.00000E+00
92	-0.67809E-01	0.24790E-02	-0.19158E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	-0.00000E+00	0.00000E+00
94	-0.18412E-01	0.00000E+00	-0.18200E-01	0.00000E+00
95	-0.34522E-01	0.00000E+00	-0.32885E-01	0.00000E+00
96	-0.38438E-01	0.00000E+00	-0.36295E-01	0.00000E+00
97	-0.43820E-01	0.00000E+00	-0.38470E-01	0.00000E+00
98	-0.45849E-01	0.00000E+00	-0.38854E-01	0.00000E+00
99	-0.54134E-01	0.17842E-02	-0.28337E-01	0.00000E+00
100	-0.75113E-01	0.27792E-02	-0.12763E-01	0.00000E+00
101	-0.11338E+00	0.30427E-02	0.29195E-01	0.00000E+00
102	-0.13702E+00	0.57419E-03	0.13507E+00	0.00000E+00
103	-0.13035E+00	0.16097E-02	0.81253E-01	0.00000E+00
104	-0.14058E+00	0.36234E-03	0.12299E+00	0.00000E+00
105	-0.14138E+00	0.62399E-03	0.13669E+00	0.00000E+00
106	-0.13570E+00	0.14439E-02	0.85504E-01	0.00000E+00
107	-0.14660E+00	0.46143E-03	0.12756E+00	0.00000E+00
108	-0.14512E+00	0.70700E-03	0.13819E+00	0.00000E+00
109	-0.14815E+00	0.79627E-03	0.13954E+00	0.00000E+00
110	-0.14314E+00	0.10764E-02	0.91379E-01	0.00000E+00
111	-0.15119E+00	0.43986E-03	0.13122E+00	0.00000E+00
112	-0.15066E+00	0.90191E-03	0.14074E+00	0.00000E+00
113	-0.14670E+00	0.12551E-02	0.10093E+00	0.00000E+00
114	-0.15248E+00	0.10248E-02	0.14174E+00	0.00000E+00
115	-0.15375E+00	0.11507E-02	0.14257E+00	0.00000E+00
116	-0.15433E+00	0.12711E-02	0.14316E+00	0.00000E+00

117	-0.15305E+00	0.30040E-03	0.13338E+00	0.00000E+00
118	-0.15434E+00	0.13282E-02	0.14338E+00	0.00000E+00
119	-0.15426E+00	0.14219E-02	0.14363E+00	0.00000E+00
120	-0.15428E+00	0.12815E-02	0.13562E+00	0.00000E+00
121	-0.15410E+00	0.15492E-02	0.14389E+00	0.00000E+00
122	-0.15408E+00	0.16637E-02	0.14410E+00	-0.28381E-04
123	-0.15400E+00	0.19125E-02	0.14427E+00	-0.51675E-04
124	-0.15385E+00	0.23170E-02	0.14445E+00	-0.79934E-04
125	-0.15357E+00	0.29183E-02	0.14463E+00	-0.11624E-03
126	-0.15289E+00	0.43763E-02	0.14493E+00	-0.16730E-03
127	-0.15203E+00	0.61915E-02	0.14523E+00	-0.18916E-03
128	-0.15020E+00	0.10312E-01	0.14583E+00	-0.17262E-03
129	-0.14884E+00	0.13568E-01	0.14638E+00	-0.11944E-03
130	-0.14803E+00	0.15712E-01	0.14698E+00	-0.47210E-04
131	-0.14813E+00	0.15601E-01	0.14789E+00	0.38977E-04
132	-0.14898E+00	0.13961E-01	0.14870E+00	0.69241E-04
133	-0.14980E+00	0.99577E-02	0.14942E+00	0.61474E-04
134	-0.15033E+00	0.76102E-02	0.15001E+00	0.46085E-04
135	-0.15066E+00	0.57730E-02	0.15047E+00	0.39600E-04
136	-0.15090E+00	0.39841E-02	0.15081E+00	0.41115E-04
137	-0.15104E+00	0.22051E-02	0.15102E+00	0.40943E-04
138	-0.15114E+00	0.33030E-03	0.15114E+00	0.41996E-04
139	-0.15114E+00	0.40920E-04	0.15114E+00	0.40964E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7500E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.11570E+00	0.11917E-01	0.29689E-01	-0.52868E+01	-0.37115E-01	0.52697E+01
2	0.23164E+00	0.59407E-02	0.52232E-01	-0.47512E+01	-0.83191E-01	0.47542E+01
3	0.29878E+00	-0.43154E-02	0.11115E-01	-0.38375E+01	-0.14341E+00	0.39260E+01
4	-0.55474E-01	0.22260E-01	-0.25440E-01	-0.31448E+01	0.88221E-02	0.31686E+01
5	0.13639E+00	0.23317E-01	0.13552E-01	-0.32023E+01	-0.59945E-01	0.32308E+01
6	-0.84978E-01	0.53422E-01	-0.83959E-01	-0.32337E+01	0.14368E-01	0.32914E+01
7	-0.15427E+00	-0.15759E-01	-0.92805E-01	-0.22505E+01	0.36475E-01	0.22674E+01
8	-0.27508E+00	-0.43712E-02	-0.15109E+00	-0.22541E+01	0.68790E-01	0.23443E+01
9	0.49930E-02	-0.15215E+00	-0.77864E-01	-0.51609E+01	-0.30436E-01	0.51388E+01
10	0.51425E-01	-0.21355E+00	-0.10845E+00	-0.47279E+01	-0.56119E-01	0.47306E+01
11	0.60460E-01	-0.21002E+00	-0.14901E+00	-0.40378E+01	-0.56106E-01	0.40847E+01
12	-0.53780E+00	-0.23840E+00	-0.36085E+00	-0.32900E+01	0.16307E+00	0.32821E+01
13	-0.71897E-01	-0.11158E+00	-0.12493E+00	-0.33817E+01	-0.11849E-01	0.34869E+01
14	-0.42888E+00	-0.94635E-01	-0.25202E+00	-0.34531E+01	0.83027E-01	0.35929E+01
15	-0.58373E+00	-0.64886E-01	-0.28377E+00	-0.24155E+01	0.18730E+00	0.24554E+01
16	-0.73290E+00	-0.67157E-01	-0.33365E+00	-0.25250E+01	0.19878E+00	0.26416E+01
17	0.92344E-01	-0.45276E-01	-0.27429E-01	-0.50146E+01	-0.90140E-01	0.49012E+01
18	0.18650E+00	-0.10972E+00	-0.93559E-01	-0.46627E+01	-0.21766E+00	0.46327E+01
19	0.28991E+00	-0.19128E+00	-0.25811E+00	-0.40927E+01	-0.45034E+00	0.42801E+01
20	-0.68217E+00	-0.26657E+00	-0.42857E+00	-0.34948E+01	0.13728E+00	0.35825E+01
21	0.41320E-01	-0.18842E+00	-0.19469E+00	-0.36606E+01	-0.24720E+00	0.40673E+01
22	-0.60197E+00	-0.40040E+00	-0.54250E+00	-0.37920E+01	-0.16119E-01	0.43353E+01
23	-0.94150E+00	-0.13108E-01	-0.39211E+00	-0.28063E+01	0.29368E+00	0.29927E+01
24	-0.19210E+01	-0.45032E+00	-0.93260E+00	-0.30160E+01	0.58852E+00	0.31908E+01
25	-0.64059E+00	-0.15175E-01	-0.34831E+00	-0.31734E+01	0.20369E+00	0.36834E+01
26	-0.24235E+01	-0.84025E+00	-0.12884E+01	-0.32650E+01	0.73334E+00	0.40958E+01
27	0.20291E+00	0.15056E+00	0.57913E-01	-0.49068E+01	-0.14504E+00	0.46340E+01
28	0.30121E+00	0.73150E-01	-0.74850E-01	-0.45829E+01	-0.39663E+00	0.44732E+01
29	0.60932E+00	0.17530E-01	-0.33957E+00	-0.39897E+01	-0.11019E+01	0.43055E+01
30	-0.17960E+00	-0.13248E+00	-0.29505E+00	-0.38786E+01	-0.25522E+00	0.43256E+01
31	0.39303E+00	-0.48981E-01	-0.15681E+00	-0.37601E+01	-0.73027E+00	0.45233E+01
32	-0.17635E+00	-0.24528E+00	-0.42895E+00	-0.36647E+01	-0.53703E+00	0.45884E+01
33	-0.13417E+01	-0.54907E+00	-0.97424E+00	-0.37543E+01	0.35730E+00	0.43333E+01
34	-0.46411E+01	-0.24501E+01	-0.26197E+01	-0.39689E+01	0.11466E+01	0.47413E+01
35	-0.65985E+00	0.20641E+00	-0.15960E+00	-0.39915E+01	0.33823E+00	0.47416E+01
36	0.53041E+00	0.69054E+00	0.40203E+00	-0.36630E+01	-0.59914E+00	0.49419E+01
37	-0.13195E+01	-0.75741E+00	-0.83049E+00	-0.41017E+01	0.36694E+00	0.51379E+01
38	0.38957E+00	0.36906E+00	0.14042E+00	-0.47874E+01	-0.21010E+00	0.40737E+01
39	0.63305E+00	0.36199E+00	-0.69235E-01	-0.45365E+01	-0.62956E+00	0.39447E+01
40	0.89950E+00	0.15988E+00	-0.53490E+00	-0.40571E+01	-0.19196E+01	0.42021E+01
41	0.12601E+01	0.69142E+00	-0.57904E+00	-0.42933E+01	-0.16646E+01	0.40164E+01
42	0.17803E+01	0.29300E+00	-0.86766E+00	-0.40645E+01	-0.20831E+01	0.32961E+01
43	0.75789E+00	0.47178E+00	0.61527E-01	-0.38499E+01	-0.10985E+01	0.46363E+01
44	0.10692E+01	0.42556E+00	-0.33175E-01	-0.38057E+01	-0.17361E+01	0.38426E+01
45	0.18987E+01	0.32432E+00	0.13553E+00	-0.39836E+01	-0.17168E+01	0.38411E+01
46	0.98282E+00	0.22157E-03	-0.64819E+00	-0.38167E+01	-0.11979E+01	0.32045E+01
47	-0.27320E+00	-0.14755E+00	-0.22927E+00	-0.33967E+01	-0.43720E+00	0.52044E+01
48	0.41335E+00	0.22739E+00	0.24611E+00	-0.41235E+01	-0.38132E+00	0.52752E+01
49	0.91859E+00	0.31441E+00	0.25760E+00	-0.41099E+01	-0.13673E+01	0.57279E+01
50	0.38272E+01	0.11917E+00	0.14985E+01	-0.35843E+01	-0.35646E+01	0.36621E+01
51	0.63427E+00	0.46417E+00	0.56182E+00	-0.17594E+00	-0.42872E+00	0.10044E+01
52	0.67730E+00	-0.83751E+00	-0.18695E+00	0.11285E+01	-0.20091E+01	-0.65449E+01
53	0.16062E+01	-0.17243E+00	-0.51269E+00	-0.32171E+01	-0.19292E+01	0.30731E+01
54	0.69337E+00	0.69739E+00	0.29317E+00	-0.44911E+01	-0.25932E+00	0.30145E+01

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55	0.10370E+01	0.55682E+00	-0.11930E+00	-0.43095E+01	-0.72012E+00	0.30135E+01
56	0.19796E+01	0.41305E+00	-0.12403E+01	-0.38818E+01	-0.20142E+01	0.27498E+01
57	0.16561E+01	0.36528E+00	-0.62519E+00	-0.35234E+01	-0.14777E+01	0.26401E+01
58	0.17839E+01	0.23549E+00	-0.81270E+00	-0.29932E+01	-0.17750E+01	0.24014E+01
59	0.27471E+00	0.54918E+00	0.13859E+00	-0.43315E+01	0.68060E-01	0.24276E+01
60	0.11083E+01	0.94908E+00	0.39943E+00	-0.40006E+01	-0.45649E+00	0.14108E+01
61	0.90116E+00	0.77345E+00	0.17995E+00	-0.39632E+01	-0.38933E+00	0.14106E+01
62	0.31981E+00	0.66525E+00	0.13428E+00	-0.36845E+01	0.92767E-01	0.47288E+00
63	0.11714E+01	0.72535E+00	-0.17798E+00	-0.39152E+01	-0.60187E+00	0.19909E+01
64	0.12096E+01	0.94067E+00	-0.17786E+00	-0.34550E+01	-0.51323E+00	0.90978E+00
65	0.22157E+01	0.58312E+00	-0.14578E+01	-0.36712E+01	-0.16426E+01	0.21976E+01
66	0.27195E+01	0.71265E+00	-0.15380E+01	-0.31872E+01	-0.18331E+01	0.14105E+01
67	0.21658E+01	0.95978E+00	-0.17327E+01	-0.26956E+01	-0.13786E+01	0.32361E+00
68	0.21343E+01	0.60781E+00	-0.71333E+00	-0.32392E+01	-0.13705E+01	0.20695E+01
69	0.17731E+01	0.58632E+00	-0.89769E+00	-0.30184E+01	-0.10204E+01	0.12175E+01
70	0.25271E+01	0.86454E+00	-0.68569E+00	-0.25357E+01	-0.12130E+01	0.55169E+00
71	0.21694E+01	0.46351E+00	-0.10104E+01	-0.28059E+01	-0.14583E+01	0.15950E+01
72	0.24345E+01	0.58013E+00	-0.10584E+01	-0.24886E+01	-0.12277E+01	0.90660E+00
73	0.49235E+00	0.44995E+00	0.28016E-01	-0.29804E+01	-0.78064E-01	-0.87609E+00
74	0.83325E+00	0.40420E+00	-0.50361E+00	-0.26540E+01	-0.21330E+00	-0.70626E+00
75	0.18575E+01	0.40956E+00	-0.18754E+01	-0.22285E+01	-0.56820E+00	-0.45749E+00
76	0.19680E+01	0.50632E+00	-0.10221E+01	-0.26656E+01	-0.49006E+00	0.55980E+00
77	0.14450E+01	0.64833E+00	-0.96633E+00	-0.16138E+01	-0.32086E+00	-0.63958E+00
78	0.12678E+01	-0.75935E-03	-0.12697E+01	-0.12826E+01	-0.30099E+00	-0.47858E+00
79	0.23445E+01	0.56769E+00	-0.10180E+01	-0.18585E+01	-0.54607E+00	0.98031E-01
80	0.24278E+01	0.60150E+00	-0.82491E+00	-0.12450E+01	-0.14493E+00	-0.47298E+00
81	0.13975E+01	0.28177E+00	-0.12280E+01	-0.66425E+00	-0.25698E+00	-0.31639E+00
82	0.14021E+01	0.52323E-01	-0.12713E+01	-0.58501E+00	-0.19077E+00	-0.87972E-01
83	0.21813E+01	0.30208E+00	-0.11417E+01	-0.11794E+01	-0.10979E+00	-0.73988E-01
84	0.28036E+01	0.63718E+00	-0.94668E+00	-0.12575E+01	-0.59078E+00	-0.18346E+00
85	0.32142E+01	0.50512E+00	-0.10308E+01	-0.19209E+01	-0.79953E+00	0.68656E+00
86	0.31276E+01	0.48672E+00	-0.12288E+01	-0.15578E+01	-0.74380E+00	0.54801E+00
87	0.23027E+01	0.25155E+00	-0.14850E+01	-0.19534E+01	-0.12350E+01	0.35237E+00
88	0.25433E+01	0.44043E+00	-0.11428E+01	-0.21640E+01	-0.17090E+01	0.13877E+01
89	0.27552E+01	0.50159E+00	-0.11118E+01	-0.19759E+01	-0.18137E+01	0.13843E+01
90	0.23594E+01	0.30409E+00	-0.14172E+01	-0.14196E+01	-0.18794E+01	0.54644E+00
91	0.31705E+01	0.74517E+00	-0.99318E+00	-0.13649E+01	-0.20329E+01	0.11211E+01
92	0.30659E+01	0.61505E+00	-0.11243E+01	-0.10859E+01	-0.20196E+01	0.89467E+00
93	0.19296E+01	-0.45842E+00	-0.48777E+00	-0.23785E+01	-0.22355E+01	0.24632E+01
94	0.21425E+01	0.40346E+00	-0.35063E+00	-0.23335E+01	-0.20612E+01	0.23056E+01
95	0.14831E+01	0.86354E+00	-0.30994E+00	-0.17371E+01	-0.21002E+01	0.18140E+01
96	0.18132E+01	0.27506E+00	-0.93022E+00	-0.24323E+01	-0.19502E+01	0.18634E+01
97	0.12749E+01	0.57976E+00	-0.54649E+00	-0.20455E+01	-0.20860E+01	0.16035E+01
98	0.15891E+01	0.43020E+00	-0.94517E+00	-0.16651E+01	-0.19886E+01	0.14502E+01
99	0.15828E+01	-0.11161E+00	-0.14725E+01	-0.19469E+01	-0.18573E+01	0.13961E+01
100	0.13513E+01	0.87175E-02	-0.12663E+01	-0.14702E+01	-0.19781E+01	0.11766E+01
101	0.16934E+01	0.31491E+00	-0.86527E+00	-0.11809E+01	-0.20388E+01	0.97587E+00
102	0.13137E+01	-0.96962E-01	-0.16175E+01	-0.11832E+01	-0.19320E+01	0.99918E+00
103	0.18116E+01	0.22339E+00	-0.11366E+01	-0.46851E+00	-0.19292E+01	0.56921E+00
104	0.11035E+01	0.34341E+00	-0.10267E+01	-0.24919E+00	-0.19381E+01	0.49597E+00
105	0.18140E+01	0.70937E-01	-0.91183E-01	-0.21124E+01	-0.26542E+01	0.21861E+01
106	0.27768E+01	0.16241E+01	0.15860E+01	-0.23406E+00	-0.27756E+01	0.11248E+01
107	0.21602E+01	0.12064E+01	0.10294E+01	-0.11458E+01	-0.26906E+01	0.15047E+01
108	0.17365E+01	0.10746E+01	0.75605E+00	-0.11831E+01	-0.26223E+01	0.15351E+01
109	0.14468E+01	0.74981E+00	0.65939E+00	-0.52931E+00	-0.26479E+01	0.11313E+01
110	0.49703E-01	-0.23410E+00	-0.48862E+00	-0.16965E+01	-0.24878E+01	0.16564E+01
111	-0.65510E+00	-0.53822E+00	-0.68758E+00	-0.12329E+01	-0.24185E+01	0.97577E+00
112	-0.68880E+00	-0.57039E+00	-0.73966E+00	-0.18836E+01	-0.24093E+01	0.96920E+00
113	-0.77619E+00	-0.35325E+00	-0.10927E+01	-0.19310E+01	-0.21244E+01	0.18154E+01
114	-0.10246E+01	-0.73502E+00	-0.10023E+01	-0.16694E+01	-0.21102E+01	0.94604E+00

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115	-0.11964E+01	-0.83641E+00	-0.11555E+01	-0.28775E+01	-0.20745E+01	0.92129E+00
116	-0.37507E+00	-0.27793E+00	-0.10407E+01	-0.21978E+01	-0.17612E+01	0.16039E+01
117	-0.54563E-01	-0.21514E+00	-0.67964E+00	-0.23961E+01	-0.16518E+01	0.86174E+00
118	-0.14984E+00	-0.27745E+00	-0.85863E+00	-0.20587E+01	-0.16100E+01	0.80103E+00
119	-0.31594E-01	-0.39133E+00	-0.11346E+01	-0.16715E+01	-0.14049E+01	0.12266E+01
120	0.23415E+00	-0.36896E-01	-0.71487E+00	-0.16855E+01	-0.13320E+01	0.71390E+00
121	0.21381E+00	-0.84500E-01	-0.83062E+00	-0.14034E+01	-0.13068E+01	0.63053E+00
122	-0.13854E+00	-0.62829E+00	-0.13913E+01	-0.13035E+01	-0.11496E+01	0.97726E+00
123	-0.52407E-01	-0.26839E+00	-0.10346E+01	-0.10638E+01	-0.10838E+01	0.52409E+00
124	-0.88305E-01	-0.30104E+00	-0.11417E+01	-0.76870E+00	-0.10729E+01	0.42530E+00
125	0.10773E+00	-0.13897E+00	-0.11387E+01	-0.57555E+00	-0.98806E+00	0.56730E+00
126	-0.11641E+00	-0.33135E+00	-0.11681E+01	-0.37389E+00	-0.96994E+00	0.29060E+00
127	-0.12219E+00	-0.34372E+00	-0.11702E+01	-0.84346E-01	-0.97178E+00	0.21511E+00
128	-0.51646E+00	-0.52509E+00	-0.14425E+01	-0.20711E+00	-0.87705E+00	0.35403E+00
129	-0.11976E+01	-0.10114E+01	-0.18133E+01	0.54728E-01	-0.78755E+00	0.10132E+00
130	0.23734E+01	0.63254E-01	0.14385E+00	-0.33458E+01	-0.27958E+01	0.36669E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.21375E+00	0.14250E+01	-0.12113E+01	-0.51496E+02	-0.83666E+01	0.20985E+02
131	-0.71270E-01	-0.47514E+00	0.40387E+00	-0.13224E+03	-0.22771E+02	0.54866E+02
132	0.31012E-02	0.20674E-01	-0.17573E-01	-0.22083E+03	-0.35739E+02	0.95388E+02
133	-0.54415E-01	-0.36277E+00	0.30835E+00	-0.31912E+03	-0.47404E+02	0.14198E+03
134	-0.90618E-01	-0.60412E+00	0.51350E+00	-0.42996E+03	-0.57031E+02	0.20125E+03
135	0.42540E-02	0.28360E-01	-0.24106E-01	-0.50821E+03	-0.60031E+02	0.25696E+03
136	-0.12556E+00	-0.83709E+00	0.71153E+00	-0.57885E+03	-0.63645E+02	0.29846E+03
137	-0.22438E+00	-0.14959E+01	0.12715E+01	-0.58252E+03	-0.58023E+02	0.31577E+03
138	0.54673E+00	0.36449E+01	-0.27267E+01	-0.60112E+03	-0.39085E+02	0.34421E+03
139	0.68833E+00	0.45889E+01	-0.27308E+01	-0.59097E+03	0.27410E+01	0.35924E+03
140	0.22306E+00	0.14871E+01	-0.12640E+01	-0.74231E+03	0.41754E+01	0.41095E+03
141	0.16843E+00	0.11229E+01	-0.95446E+00	-0.74790E+03	0.87001E+01	0.43664E+03
142	0.18436E+00	0.12291E+01	-0.10447E+01	-0.78378E+03	0.73081E+01	0.46858E+03
143	0.18583E+00	0.12389E+01	-0.10531E+01	0.26948E+03	0.16253E+03	-0.56621E+03
144	0.36411E+00	0.24274E+01	-0.20633E+01	0.26380E+03	0.14532E+03	-0.54847E+03
145	0.26832E+00	0.17888E+01	-0.80922E+01	0.45976E+01	0.11310E+03	-0.10598E+04
146	0.12687E+00	0.84577E+00	-0.53429E+01	-0.64012E+02	0.88291E+02	-0.86906E+03
147	0.14156E+00	0.94375E+00	-0.53179E+01	-0.58039E+02	0.10052E+03	-0.86011E+03
148	0.15911E+00	0.10608E+01	0.72092E+00	-0.52149E+02	0.11495E+03	-0.86137E+03
149	0.17978E+00	0.11984E+01	0.67456E+00	-0.39255E+02	0.13282E+03	-0.87333E+03
150	0.22287E+00	0.14858E+01	-0.20803E+00	0.17947E+01	0.16058E+03	-0.85287E+03
151	0.27529E+00	0.18353E+01	0.20576E+02	0.27524E+02	0.18917E+03	-0.87050E+03
152	0.23004E+00	0.15336E+01	0.37664E+02	0.24478E+02	0.15830E+03	-0.86458E+03
153	0.15719E+00	0.10480E+01	0.33421E+02	0.35665E+02	0.11101E+03	-0.84632E+03
154	-0.18503E-01	-0.12336E+00	0.65239E+02	0.49773E+02	-0.49715E+01	-0.82442E+03
155	-0.27510E+00	-0.18340E+01	0.54146E+02	0.28737E+02	-0.18060E+03	-0.77266E+03
156	-0.48093E+00	-0.32062E+01	0.45335E+02	0.45581E+02	-0.31643E+03	-0.71744E+03
157	-0.64275E+00	-0.42850E+01	0.36550E+02	0.36070E+02	-0.42663E+03	-0.63901E+03
158	-0.76655E+00	-0.51123E+01	0.30010E+02	0.42046E+02	-0.50915E+03	-0.56311E+03
159	-0.85510E+00	-0.57007E+01	0.21020E+02	0.52760E+02	-0.56686E+03	-0.46614E+03
160	-0.90727E+00	-0.60485E+01	0.14141E+02	0.50812E+02	-0.60222E+03	-0.37613E+03
161	-0.10208E+01	-0.68056E+01	0.58976E+01	0.43943E+02	-0.63603E+03	-0.26509E+03
162	-0.10294E+01	-0.68624E+01	-0.17824E+01	0.36039E+02	-0.60272E+03	-0.18548E+03
163	-0.11594E+01	-0.77296E+01	-0.36197E+01	0.41985E+02	-0.67868E+03	-0.13086E+03
164	-0.11190E+01	-0.74598E+01	-0.46393E+01	0.64912E+02	-0.65133E+03	-0.99633E+02

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165	-0.61125E+03	-0.87541E+02	-0.48289E+01	-0.28815E+02	-0.65032E+03	-0.84459E+02
166	-0.49273E+03	-0.64509E+02	-0.10313E+02	-0.20266E+02	-0.60252E+03	-0.76184E+02
167	-0.38858E+03	-0.47426E+02	-0.11179E+02	-0.15342E+02	-0.51293E+03	-0.69387E+02
168	-0.29477E+03	-0.34306E+02	-0.10244E+02	-0.10415E+02	-0.42159E+03	-0.63666E+02
169	-0.18557E+03	-0.16379E+02	-0.11571E+02	-0.58943E+01	-0.35977E+03	-0.57306E+02
170	-0.77905E+02	0.32938E+01	-0.14902E+02	-0.82365E+00	-0.32010E+03	-0.50079E+02
171	0.30562E+02	0.21736E+02	-0.16689E+02	0.58929E+01	-0.24914E+03	-0.40089E+02
172	0.93081E+02	0.29719E+02	-0.14961E+02	0.12562E+02	-0.15704E+03	-0.29532E+02
173	0.91875E+02	0.23662E+02	-0.91629E+01	0.16100E+02	-0.77282E+02	-0.22468E+02
174	0.54311E+02	0.11317E+02	-0.27832E+01	0.16463E+02	-0.21307E+02	-0.19097E+02
175	0.12473E+02	0.10472E+01	0.83214E+00	0.13088E+02	-0.77617E+01	-0.16716E+02
176	-0.23651E+01	-0.14942E+01	0.10616E+01	0.98388E+01	-0.15170E+02	-0.16021E+02
177	-0.35938E+01	-0.10486E+01	0.46902E+00	0.71128E+01	-0.19436E+02	-0.13302E+02
178	-0.10876E+01	-0.16485E+00	0.95939E-02	0.49984E+01	-0.15012E+02	-0.96196E+01
179	0.26373E+00	0.93196E-01	-0.40239E-01	0.38490E+01	-0.10733E+02	-0.68264E+01
180	-0.15538E-01	0.46167E-01	-0.39800E-01	0.26707E+01	-0.63151E+01	-0.41445E+01
181	0.11403E+00	0.99055E-01	-0.68325E-01	0.16882E+01	-0.28827E+01	-0.15056E+01
182	-0.45628E+00	-0.21189E+00	0.12474E+00	0.42856E+00	0.56364E+00	-0.23181E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7600E+01 (FOR FOURIER TERM, NUMBER 1)

580

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.65677E-01	-0.99191E-04	-0.65867E-01	0.00000E+00
3	0.12371E+00	0.98933E-04	-0.12377E+00	0.00000E+00
4	0.13875E+00	0.16354E-03	-0.13871E+00	0.00000E+00
5	0.15976E+00	0.17536E-04	-0.15976E+00	0.00000E+00
6	0.17422E+00	0.75159E-05	-0.17423E+00	0.00000E+00
7	0.16001E+00	0.11274E-02	-0.15998E+00	0.00000E+00
8	0.17465E+00	0.34491E-03	-0.17471E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.64595E-01	0.65481E-03	-0.64384E-01	0.00000E+00
11	0.12243E+00	0.14950E-02	-0.12224E+00	0.00000E+00
12	0.13808E+00	0.17962E-02	-0.13799E+00	0.00000E+00
13	0.16028E+00	0.16114E-02	-0.16017E+00	0.00000E+00
14	0.17571E+00	0.12427E-02	-0.17598E+00	0.00000E+00
15	0.16126E+00	0.27760E-02	-0.16184E+00	0.00000E+00
16	0.17749E+00	0.19933E-02	-0.17818E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.63250E-01	0.11153E-02	-0.63546E-01	0.00000E+00
19	0.12146E+00	0.26880E-02	-0.12188E+00	0.00000E+00
20	0.13811E+00	0.33209E-02	-0.13854E+00	0.00000E+00
21	0.16224E+00	0.30879E-02	-0.16304E+00	0.00000E+00
22	0.18007E+00	0.23889E-02	-0.18144E+00	0.00000E+00
23	0.16362E+00	0.41925E-02	-0.16492E+00	0.00000E+00
24	0.18356E+00	0.26246E-02	-0.18602E+00	0.00000E+00
25	0.18563E+00	0.36441E-02	-0.18893E+00	0.00000E+00
26	0.18688E+00	0.36791E-02	-0.19069E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.61246E-01	0.89171E-03	-0.60288E-01	0.00000E+00
29	0.11913E+00	0.24969E-02	-0.11749E+00	0.00000E+00
30	0.13688E+00	0.34510E-02	-0.13550E+00	0.00000E+00
31	0.16415E+00	0.41300E-02	-0.16541E+00	0.00000E+00
32	0.18812E+00	0.34835E-02	-0.19256E+00	0.00000E+00
33	0.16408E+00	0.42019E-02	-0.16495E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.60564E-01	0.53823E-03	-0.58478E-01	0.00000E+00
36	0.11813E+00	0.17250E-02	-0.11442E+00	0.00000E+00
37	0.13590E+00	0.23824E-02	-0.13195E+00	0.00000E+00
38	0.16395E+00	0.33017E-02	-0.16376E+00	0.00000E+00
39	0.18971E+00	0.38262E-02	-0.19525E+00	0.00000E+00
40	0.18939E+00	0.38153E-02	-0.19467E+00	0.00000E+00
41	0.18908E+00	0.38021E-02	-0.19413E+00	0.00000E+00
42	0.18873E+00	0.37675E-02	-0.19349E+00	0.00000E+00
43	0.13372E+00	0.72784E-03	-0.12177E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.57531E-01	-0.20550E-03	-0.48667E-01	0.00000E+00
46	0.11302E+00	-0.13945E-03	-0.95153E-01	0.00000E+00
47	0.18979E+00	0.38263E-02	-0.19532E+00	0.00000E+00
48	0.18982E+00	0.38267E-02	-0.19544E+00	0.00000E+00
49	0.16334E+00	0.29941E-02	-0.16304E+00	0.00000E+00
50	0.18994E+00	0.38603E-02	-0.19609E+00	0.00000E+00
51	0.16114E+00	0.14639E-02	-0.14895E+00	0.00000E+00
52	0.13539E+00	0.45076E-02	-0.17429E+00	0.00000E+00
53	0.18969E+00	0.38215E-02	-0.19492E+00	0.00000E+00
54	0.12992E+00	0.36274E-03	-0.10955E+00	0.00000E+00
55	0.15647E+00	0.13592E-02	-0.13286E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.53532E-01	-0.12232E-02	-0.36115E-01	0.00000E+00
58	0.10553E+00	-0.12201E-02	-0.72603E-01	0.00000E+00
59	0.17520E+00	0.28435E-02	-0.15259E+00	0.00000E+00
60	0.18343E+00	0.40878E-02	-0.16769E+00	0.00000E+00
61	0.18998E+00	0.38907E-02	-0.19647E+00	0.00000E+00
62	0.12147E+00	-0.14320E-02	-0.83278E-01	0.00000E+00
63	0.14509E+00	-0.10835E-02	-0.99780E-01	0.00000E+00
64	0.18656E+00	0.45668E-02	-0.17558E+00	0.00000E+00
65	0.19002E+00	0.39199E-02	-0.19683E+00	0.00000E+00
66	0.19030E+00	0.39766E-02	-0.19757E+00	0.00000E+00
67	0.19058E+00	0.40301E-02	-0.19832E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.50087E-01	-0.13915E-02	-0.24986E-01	0.00000E+00
70	0.96964E-01	-0.32527E-02	-0.49584E-01	0.00000E+00
71	0.16684E+00	-0.66683E-03	-0.11560E+00	0.00000E+00
72	0.18692E+00	0.47233E-02	-0.17114E+00	0.00000E+00
73	0.13312E+00	-0.39467E-02	-0.68826E-01	0.00000E+00
74	0.19313E+00	0.50194E-02	-0.17670E+00	0.00000E+00
75	0.19082E+00	0.40663E-02	-0.19903E+00	0.00000E+00
76	0.19236E+00	0.41204E-02	-0.20030E+00	0.00000E+00
77	0.15235E+00	-0.35357E-02	-0.79086E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.47019E-01	-0.21995E-02	-0.14695E-01	0.00000E+00
80	0.88966E-01	-0.45926E-02	-0.27514E-01	0.00000E+00
81	0.10088E+00	-0.58464E-02	-0.31292E-01	0.00000E+00
82	0.11959E+00	-0.59879E-02	-0.38217E-01	0.00000E+00
83	0.18654E+00	0.25799E-03	-0.13102E+00	0.00000E+00
84	0.15875E+00	-0.48210E-02	-0.62501E-01	0.00000E+00
85	0.19561E+00	0.41889E-02	-0.20199E+00	0.00000E+00
86	0.19998E+00	0.47719E-02	-0.18335E+00	0.00000E+00
87	0.13692E+00	-0.60354E-02	-0.45531E-01	0.00000E+00
88	0.19532E+00	0.28014E-02	-0.15824E+00	0.00000E+00
89	0.19854E+00	0.42363E-02	-0.20363E+00	0.00000E+00
90	0.95202E-01	-0.39873E-02	0.26571E-02	0.00000E+00
91	0.10385E+00	-0.37418E-02	0.39002E-02	0.00000E+00
92	0.10999E+00	-0.33618E-02	0.33463E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.31988E-01	0.00000E+00	0.17183E-01	0.00000E+00
95	0.59609E-01	0.00000E+00	0.30732E-01	0.00000E+00
96	0.66284E-01	0.00000E+00	0.33632E-01	0.00000E+00
97	0.75089E-01	0.00000E+00	0.35109E-01	0.00000E+00
98	0.78438E-01	0.00000E+00	0.35051E-01	0.00000E+00
99	0.90022E-01	-0.25405E-02	0.18871E-01	0.00000E+00
100	0.12066E+00	-0.36913E-02	-0.68731E-02	0.00000E+00
101	0.17582E+00	-0.32128E-02	-0.69913E-01	0.00000E+00
102	0.20627E+00	0.42605E-02	-0.20603E+00	0.00000E+00
103	0.19819E+00	0.90074E-03	-0.13929E+00	0.00000E+00
104	0.21180E+00	0.45821E-02	-0.19205E+00	0.00000E+00
105	0.21276E+00	0.42694E-02	-0.20826E+00	0.00000E+00
106	0.20638E+00	0.14654E-02	-0.14562E+00	0.00000E+00
107	0.22082E+00	0.46987E-02	-0.19856E+00	0.00000E+00
108	0.21831E+00	0.42222E-02	-0.21031E+00	0.00000E+00
109	0.22281E+00	0.41549E-02	-0.21213E+00	0.00000E+00
110	0.21777E+00	0.24627E-02	-0.15381E+00	0.00000E+00
111	0.22770E+00	0.49470E-02	-0.20362E+00	0.00000E+00
112	0.22655E+00	0.40556E-02	-0.21370E+00	0.00000E+00
113	0.22262E+00	0.25343E-02	-0.16593E+00	0.00000E+00
114	0.22925E+00	0.39192E-02	-0.21498E+00	0.00000E+00
115	0.23114E+00	0.37697E-02	-0.21598E+00	0.00000E+00
116	0.23201E+00	0.36152E-02	-0.21661E+00	0.00000E+00

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117	0.23052E+00	0.45240E-02	-0.20626E+00	0.00000E+00
118	0.23204E+00	0.35399E-02	-0.21683E+00	0.00000E+00
119	0.23193E+00	0.34084E-02	-0.21699E+00	0.00000E+00
120	0.23236E+00	0.33929E-02	-0.20871E+00	0.00000E+00
121	0.23168E+00	0.32249E-02	-0.21710E+00	0.00000E+00
122	0.23166E+00	0.30603E-02	-0.21738E+00	0.40895E-04
123	0.23154E+00	0.27014E-02	-0.21760E+00	0.74668E-04
124	0.23132E+00	0.21163E-02	-0.21782E+00	0.11587E-03
125	0.23092E+00	0.12430E-02	-0.21805E+00	0.16918E-03
126	0.22992E+00	-0.38546E-03	-0.21843E+00	0.24503E-03
127	0.22866E+00	-0.35510E-02	-0.21879E+00	0.27870E-03
128	0.22594E+00	-0.96655E-02	-0.21954E+00	0.25861E-03
129	0.22387E+00	-0.14603E-01	-0.22022E+00	0.18436E-03
130	0.22256E+00	-0.18033E-01	-0.22096E+00	0.81725E-04
131	0.22243E+00	-0.16491E-01	-0.22210E+00	-0.42688E-04
132	0.22353E+00	-0.15266E-01	-0.22310E+00	-0.87408E-04
133	0.22457E+00	-0.11476E-01	-0.22400E+00	-0.76896E-04
134	0.22522E+00	-0.86225E-02	-0.22473E+00	-0.54417E-04
135	0.22560E+00	-0.65348E-02	-0.22532E+00	-0.44442E-04
136	0.22588E+00	-0.45246E-02	-0.22575E+00	-0.46767E-04
137	0.22604E+00	-0.25086E-02	-0.22601E+00	-0.46636E-04
138	0.22616E+00	-0.37724E-03	-0.22616E+00	-0.48176E-04
139	0.22616E+00	-0.46626E-04	-0.22616E+00	-0.46689E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7600E+01

583

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.10865E+00	0.41703E-01	-0.24572E-01	0.79899E+01	0.55852E-01	-0.79810E+01
2	-0.26406E+00	0.43445E-01	-0.71505E-01	0.71633E+01	0.10936E+00	-0.71563E+01
3	-0.38889E+00	0.43042E-01	-0.48884E-01	0.58577E+01	0.15150E+00	-0.53968E+01
4	0.19387E+00	0.41922E-01	0.13238E+00	0.47532E+01	-0.52566E-01	-0.47978E+01
5	-0.19190E+00	-0.75663E-02	-0.50716E-01	0.48256E+01	0.54940E-01	-0.48725E+01
6	0.17206E+00	-0.68606E-02	0.91115E-01	0.48972E+01	-0.42841E-01	-0.49695E+01
7	0.21762E+00	0.26704E-01	0.89283E-01	0.34371E+01	-0.60337E-01	-0.34504E+01
8	0.40950E+00	0.22443E-01	0.15748E+00	0.34489E+01	-0.12628E+00	-0.35682E+01
9	0.12022E+00	0.43931E+00	0.22083E+00	0.78304E+01	0.33079E-01	-0.78404E+01
10	0.42280E-01	0.51447E+00	0.21170E+00	0.71546E+01	0.49765E-01	-0.71759E+01
11	-0.17334E-01	0.46972E+00	0.98846E-01	0.61311E+01	-0.90179E-03	-0.61799E+01
12	0.85965E+00	0.42720E+00	0.48868E+00	0.50200E+01	-0.29223E+00	-0.49653E+01
13	0.13155E+00	0.22038E+00	0.89718E-01	0.51556E+01	-0.32260E-01	-0.52654E+01
14	0.74643E+00	0.28985E+00	0.33165E+00	0.52844E+01	-0.18759E+00	-0.54578E+01
15	-0.87332E+00	0.11790E+00	0.32471E+00	0.37204E+01	-0.32362E+00	-0.37413E+01
16	0.10895E+01	0.11379E+00	0.35734E+00	0.38802E+01	-0.35871E+00	-0.40257E+01
17	0.57717E-01	0.45405E+00	0.21885E+00	0.75997E+01	0.11768E+00	-0.75829E+01
18	-0.14544E+00	0.56947E+00	0.20969E+00	0.70786E+01	0.27355E+00	-0.71152E+01
19	-0.45254E+00	0.66567E+00	0.14977E+00	0.63048E+01	0.52649E+00	-0.65400E+01
20	0.11532E+01	0.55380E+00	0.58471E+00	0.54276E+01	-0.30478E+00	-0.54543E+01
21	0.26022E-01	0.59494E+00	0.23675E+00	0.56702E+01	0.27507E+00	-0.61717E+01
22	0.10964E+01	0.12048E+01	0.88576E+00	0.58973E+01	-0.73242E-01	-0.66043E+01
23	0.14721E+01	0.12999E+00	0.47428E+00	0.43703E+01	-0.52423E+00	-0.45523E+01
24	0.29405E+01	0.82868E+00	0.12774E+01	0.47633E+01	-0.96601E+00	-0.48539E+01
25	0.14002E+01	0.45513E+00	0.52299E+00	0.49613E+01	-0.40236E+00	-0.55798E+01
26	0.41485E+01	0.21541E+01	0.22512E+01	0.52385E+01	-0.11849E+01	-0.62008E+01
27	-0.66024E-01	0.27169E+00	-0.13356E+00	0.74017E+01	-0.19801E+00	-0.72665E+01
28	-0.32068E+00	0.42224E+00	0.18193E+00	0.69205E+01	0.53298E+00	-0.69486E+01
29	-0.10257E+01	0.51464E+00	0.18058E+00	0.60728E+01	0.14551E+01	-0.66365E+01
30	0.32907E+00	0.70010E+00	0.39134E+00	0.59472E+01	0.25615E+00	-0.65952E+01
31	-0.37028E+00	0.75446E+00	0.27203E+00	0.57025E+01	0.96138E+00	-0.68767E+01
32	0.43383E+00	0.99309E+00	0.65465E+00	0.55453E+01	0.67403E+00	-0.69821E+01
33	0.31175E+01	0.16087E+01	0.16580E+01	0.57590E+01	-0.64100E+00	-0.65453E+01
34	0.74664E+01	0.45210E+01	0.45097E+01	0.60386E+01	-0.17612E+01	-0.71365E+01
35	0.14496E+01	0.50548E+00	0.48785E+00	0.60329E+01	-0.53952E+00	-0.71351E+01
36	-0.64166E+00	-0.45017E+00	-0.59081E+00	0.55782E+01	0.75901E+00	-0.74035E+01
37	0.23877E+01	0.18839E+01	0.14381E+01	0.62165E+01	-0.58299E+00	-0.76803E+01
38	-0.34064E+00	-0.87432E-01	-0.20271E-01	0.71909E+01	0.28978E+00	-0.65494E+01
39	-0.76398E+00	-0.40568E-01	0.12662E+00	0.68176E+01	0.85854E+00	-0.62690E+01
40	-0.13502E+01	0.35350E+00	0.43942E+00	0.60513E+01	0.25697E+01	-0.64974E+01
41	-0.18796E+01	-0.49626E+00	0.43180E+00	0.63908E+01	0.22598E+01	-0.62567E+01
42	-0.25407E+01	-0.46197E-01	0.79082E+00	0.60949E+01	0.28227E+01	-0.52888E+01
43	-0.92624E+00	-0.37248E-01	-0.78994E-01	0.57539E+01	0.14735E+01	-0.70347E+01
44	-0.14965E+01	-0.19656E+00	-0.11124E+00	0.56633E+01	0.23605E+01	-0.59306E+01
45	-0.25862E+01	-0.72062E+00	-0.33172E+00	0.59242E+01	0.23099E+01	-0.59149E+01
46	-0.13182E+01	0.36996E+00	0.73182E+00	0.56912E+01	0.16272E+01	-0.50689E+01
47	0.62489E+00	0.83392E+00	0.39185E+00	0.58984E+01	0.54555E+00	-0.77608E+01
48	-0.21825E+00	0.39927E+00	-0.18604E+00	0.62468E+01	0.54407E+00	-0.78656E+01
49	-0.10282E+01	0.26399E+00	-0.26553E+00	0.61685E+01	0.18636E+01	-0.84617E+01
50	-0.55972E+01	-0.13394E+01	-0.23675E+01	0.53382E+01	0.49152E+01	-0.55698E+01
51	-0.97793E+00	-0.61559E+00	-0.10704E+01	0.26136E+00	0.60640E+00	-0.15155E+01
52	-0.18504E+01	0.15407E+00	-0.78258E+00	-0.17559E+01	0.27497E+01	0.87470E+01
53	-0.22365E+01	0.62614E+00	0.52108E+00	0.47982E+01	0.25939E+01	-0.47467E+01
54	-0.82422E+00	-0.70619E+00	-0.32795E+00	0.67497E+01	0.35877E+00	-0.51756E+01

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55	-0.13202E+01	-0.46814E+00	0.11816E+00	0.64915E+01	0.98944E+00	-0.50598E+01
56	-0.27471E+01	-0.30112E+00	0.12820E+01	0.58109E+01	0.27352E+01	-0.45771E+01
57	-0.22473E+01	-0.23566E+00	0.63581E+00	0.52507E+01	0.19898E+01	-0.43098E+01
58	-0.24367E+01	-0.58047E-01	0.86512E+00	0.44510E+01	0.23711E+01	-0.38617E+01
59	-0.29526E+00	-0.59549E+00	-0.14266E+00	0.65428E+01	-0.76300E-01	-0.44086E+01
60	-0.14925E+01	-0.13274E+01	-0.63560E+00	0.61098E+01	0.64174E+00	-0.30405E+01
61	-0.11765E+01	-0.10667E+01	-0.29976E+00	0.60625E+01	0.53974E+00	-0.30380E+01
62	-0.61816E+00	-0.11558E+01	-0.38957E+00	0.57468E+01	-0.11429E+00	-0.17833E+01
63	-0.15267E+01	-0.87278E+00	0.13751E+00	0.59616E+01	0.86093E+00	-0.37117E+01
64	-0.16671E+01	-0.13756E+01	0.48083E-01	0.53494E+01	0.73395E+00	-0.22567E+01
65	-0.29542E+01	-0.59815E+00	0.16336E+01	0.55482E+01	0.23379E+01	-0.38627E+01
66	-0.36770E+01	-0.93990E+00	0.17721E+01	0.48862E+01	0.25980E+01	-0.27415E+01
67	-0.29028E+01	-0.14761E+01	0.19668E+01	0.41703E+01	0.19752E+01	-0.12886E+01
68	-0.28623E+01	-0.63635E+00	0.74294E+00	0.48688E+01	0.19175E+01	-0.35419E+01
69	-0.24381E+01	-0.78645E+00	0.93828E+00	0.45631E+01	0.14570E+01	-0.24486E+01
70	-0.35570E+01	-0.12742E+01	0.58599E+00	0.38784E+01	0.17533E+01	-0.14345E+01
71	-0.29982E+01	-0.53032E+00	0.10600E+01	0.41925E+01	0.20408E+01	-0.27900E+01
72	-0.33831E+01	-0.79533E+00	0.11191E+01	0.37646E+01	0.17839E+01	-0.18411E+01
73	-0.71809E+00	-0.71134E+00	-0.11935E+00	0.48484E+01	0.13064E+00	0.15640E+00
74	-0.11762E+01	-0.65489E+00	0.56268E+00	0.43137E+01	0.36360E+00	0.58082E-01
75	-0.25359E+01	-0.65084E+00	0.23586E+01	0.35985E+01	0.98695E+00	-0.82935E-01
76	-0.28309E+01	-0.77832E+00	0.10997E+01	0.41420E+01	0.86288E+00	-0.14425E+01
77	-0.20755E+01	-0.10376E+01	0.10953E+01	0.26448E+01	0.57512E+00	0.33129E+00
78	-0.18634E+01	-0.12032E+00	0.15626E+01	0.20806E+01	0.56479E+00	0.23761E+00
79	-0.34087E+01	-0.87545E+00	0.10699E+01	0.29071E+01	0.96250E+00	-0.60571E+00
80	-0.36656E+01	-0.99903E+00	0.79556E+00	0.19842E+01	0.43570E+00	0.30037E+00
81	-0.20108E+01	-0.44942E+00	0.15232E+01	0.10898E+01	0.51081E+00	0.24082E+00
82	-0.21325E+01	-0.24552E+00	0.15187E+01	0.93265E+00	0.43578E+00	-0.59871E-02
83	-0.32691E+01	-0.49786E+00	0.12856E+01	0.18168E+01	0.38894E+00	-0.12470E+00
84	-0.41170E+01	-0.97653E+00	0.95537E+00	0.19571E+01	0.10534E+01	-0.23234E-01
85	-0.46851E+01	-0.70425E+00	0.10284E+01	0.29188E+01	0.13738E+01	-0.12841E+01
86	-0.46059E+01	-0.73129E+00	0.12533E+01	0.23622E+01	0.13009E+01	-0.95874E+00
87	-0.33160E+01	-0.50657E+00	0.15752E+01	0.29414E+01	0.17995E+01	-0.97650E+00
88	-0.35370E+01	-0.49510E+00	0.12228E+01	0.32266E+01	0.23885E+01	-0.23180E+01
89	-0.38314E+01	-0.57469E+00	0.11762E+01	0.28894E+01	0.25366E+01	-0.22212E+01
90	-0.40831E+01	-0.41283E+00	0.15266E+01	0.20539E+01	0.26374E+01	-0.97120E+00
91	-0.44869E+01	-0.98453E+00	0.95705E+00	0.19727E+01	0.28394E+01	-0.17098E+01
92	-0.43735E+01	-0.86180E+00	0.11230E+01	0.15442E+01	0.28132E+01	-0.12895E+01
93	-0.26759E+01	0.10806E+01	0.51987E+00	0.34920E+01	0.30001E+01	-0.38247E+01
94	-0.29913E+01	-0.30473E+00	0.21829E+00	0.34588E+01	0.27470E+01	-0.36067E+01
95	-0.20233E+01	-0.10251E+01	0.16950E+00	0.25304E+01	0.27418E+01	-0.27879E+01
96	-0.25316E+01	-0.18974E+00	0.97000E+00	0.35642E+01	0.25813E+01	-0.29825E+01
97	-0.17326E+01	-0.63403E+00	0.50724E+00	0.29458E+01	0.27183E+01	-0.24421E+01
98	-0.21829E+01	-0.48215E+00	0.99206E+00	0.24405E+01	0.25700E+01	-0.22671E+01
99	-0.22304E+01	0.25813E+00	0.16572E+01	0.28453E+01	0.24427E+01	-0.22623E+01
100	-0.18278E+01	0.11431E+00	0.14678E+01	0.21143E+01	0.25418E+01	-0.17944E+01
101	-0.23001E+01	-0.35525E+00	0.94122E+00	0.16593E+01	0.26011E+01	-0.14445E+01
102	-0.17413E+01	0.22309E+00	0.19710E+01	0.16835E+01	0.24549E+01	-0.14528E+01
103	-0.12653E+01	-0.27041E+00	0.13911E+01	0.61142E+00	0.24045E+01	-0.79684E+00
104	-0.14048E+01	-0.47368E+00	0.12458E+01	0.27200E+00	0.24074E+01	-0.64312E+00
105	-0.27151E+01	0.12563E+00	-0.17833E+00	0.31129E+01	0.35911E+01	-0.34518E+01
106	-0.42558E+01	-0.24149E+01	-0.27049E+01	0.27161E+00	0.37922E+01	-0.17235E+01
107	-0.32652E+01	-0.16791E+01	-0.18244E+01	0.16569E+01	0.36630E+01	-0.24057E+01
108	-0.26301E+01	-0.14832E+01	-0.14263E+01	0.17137E+01	0.35501E+01	-0.24423E+01
109	-0.22577E+01	-0.11102E+01	-0.13291E+01	0.72072E+00	0.35731E+01	-0.17324E+01
110	-0.81164E-01	0.51172E+00	0.45066E+00	0.24759E+01	0.33304E+01	-0.26004E+01
111	0.86420E+00	0.77447E+00	0.66216E+00	0.17872E+01	0.31934E+01	-0.14932E+01
112	0.91409E+00	0.81864E+00	0.74271E+00	0.27614E+01	0.31780E+01	-0.14820E+01
113	0.12078E+01	0.75133E+00	0.13751E+01	0.28802E+01	0.27631E+01	-0.28095E+01
114	0.14948E+01	0.11829E+01	0.11927E+01	0.24555E+01	0.27038E+01	-0.14475E+01

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115	0.16156E+01	0.12528E+01	0.14243E+01	0.42579E+01	0.26481E+01	-0.14089E+01
116	0.64268E+00	0.64369E+00	0.13263E+01	0.32563E+01	0.21926E+01	-0.24640E+01
117	0.62875E-01	0.33264E+00	0.73464E+00	0.35547E+01	0.19896E+01	-0.13181E+01
118	0.20177E+00	0.41061E+00	0.10039E+01	0.30520E+01	0.19244E+01	-0.12235E+01
119	0.83133E-01	0.68846E+00	0.14170E+01	0.25020E+01	0.16370E+01	-0.18708E+01
120	-0.38482E+00	0.81024E-01	0.84236E+00	0.25121E+01	0.14930E+01	-0.10913E+01
121	-0.29115E+00	0.13994E+00	0.10176E+01	0.20990E+01	0.14522E+01	-0.96245E+00
122	0.28167E+00	0.10366E+01	0.18392E+01	0.19657E+01	0.12396E+01	-0.14788E+01
123	0.16281E+00	0.43614E+00	0.14668E+01	0.16023E+01	0.11081E+01	-0.80068E+00
124	0.21218E+00	0.47132E+00	0.15331E+01	0.11633E+01	0.10887E+01	-0.64835E+00
125	-0.98949E-01	0.22242E+00	0.14569E+01	0.89618E+00	0.99268E+00	-0.81977E+00
126	0.30181E+00	0.53684E+00	0.16259E+01	0.59221E+00	0.94153E+00	-0.44329E+00
127	0.30746E+00	0.54447E+00	0.16524E+01	0.15650E+00	0.94110E+00	-0.32820E+00
128	0.88691E+00	0.81785E+00	0.20187E+01	0.34345E+00	0.82360E+00	-0.48627E+00
129	0.19411E+01	0.15588E+01	0.26517E+01	-0.44683E-01	0.68899E+00	-0.14526E+00
183	-0.34391E+01	0.30442E+00	-0.41613E+00	0.49949E+01	0.37879E+01	-0.55681E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.44785E+00	-0.29857E+01	0.25378E+01	0.79761E+02	-0.17307E+00	-0.33778E+02
131	0.34680E-01	0.23120E+00	-0.19652E+00	0.19726E+03	0.92758E+01	-0.93169E+02
132	-0.10040E+00	-0.66931E+00	0.56891E+00	0.33030E+03	0.14116E+02	-0.16097E+03
133	-0.48757E-02	0.32505E-01	-0.27629E-01	0.47861E+03	0.17465E+02	-0.23797E+03
134	-0.86493E-02	-0.57662E-01	0.49013E-01	0.64615E+03	0.18228E+02	-0.33348E+03
135	-0.18400E+00	-0.12267E+01	0.10427E+01	0.76776E+03	0.13900E+02	-0.42169E+03
136	0.42025E-01	0.28017E+00	-0.23814E+00	0.87310E+03	0.14511E+02	-0.48574E+03
137	0.15286E+00	0.10191E+01	-0.86622E+00	0.87111E+03	0.14954E+01	-0.51309E+03
138	-0.83103E+00	-0.55402E+01	0.40570E+01	0.89828E+03	-0.73502E+02	-0.55723E+03
139	-0.42878E+00	-0.28585E+01	0.25866E+00	0.87888E+03	-0.22838E+03	-0.58417E+03
140	0.10150E+01	0.67668E+01	-0.57518E+01	0.11105E+04	-0.27738E+03	-0.66611E+03
141	0.10150E+01	0.67666E+01	-0.57516E+01	0.11164E+04	-0.28647E+03	-0.70845E+03
142	0.11798E+01	0.78652E+01	-0.66854E+01	0.11705E+04	-0.28566E+03	-0.75740E+03
143	0.12165E+01	0.81098E+01	-0.68933E+01	-0.41021E+03	-0.51922E+03	0.80113E+03
144	0.12438E+01	0.82920E+01	-0.70482E+01	-0.40154E+03	-0.49473E+03	0.76907E+03
145	-0.91653E+00	-0.61102E+01	0.10249E+02	0.12174E+03	-0.36372E+03	0.15996E+04
146	-0.39370E+00	-0.26246E+01	0.74909E+01	0.19472E+03	-0.27458E+03	0.13398E+04
147	-0.41456E+00	-0.27637E+01	0.74283E+01	0.18197E+03	-0.29259E+03	0.13236E+04
148	-0.43909E+00	-0.29273E+01	-0.16065E+01	0.17277E+03	-0.31290E+03	0.13263E+04
149	-0.46772E+00	-0.31181E+01	-0.15197E+01	0.15666E+03	-0.33741E+03	0.13474E+04
150	-0.55172E+00	-0.36781E+01	-0.29850E+00	0.87874E+02	-0.38369E+03	0.13136E+04
151	-0.66801E+00	-0.44534E+01	-0.31526E+02	0.55044E+02	-0.44076E+03	0.13427E+04
152	-0.59251E+00	-0.39501E+01	-0.57127E+02	0.56771E+02	-0.38976E+03	0.13331E+04
153	-0.47453E+00	-0.31635E+01	-0.50702E+02	0.32621E+02	-0.31407E+03	0.13045E+04
154	-0.20055E+00	-0.13370E+01	-0.98210E+02	0.70063E+01	-0.13375E+03	0.12701E+04
155	0.19621E+00	0.13030E+01	-0.81378E+02	0.30546E+02	0.13647E+03	0.11900E+04
156	0.51717E+00	0.34478E+01	-0.69047E+02	-0.84105E+00	0.34750E+03	0.11047E+04
157	0.77338E+00	0.51559E+01	-0.55250E+02	0.26563E+01	0.52024E+03	0.98437E+03
158	0.97422E+00	0.64948E+01	-0.45554E+02	-0.13411E+02	0.65283E+03	0.86764E+03
159	0.11227E+01	0.74843E+01	-0.32252E+02	-0.40636E+02	0.74852E+03	0.71914E+03
160	0.12184E+01	0.81227E+01	-0.22071E+02	-0.45794E+02	0.81210E+03	0.58078E+03
161	0.13956E+01	0.93040E+01	-0.10243E+02	-0.48204E+02	0.87151E+03	0.41138E+03
162	0.14236E+01	0.94907E+01	0.12716E+01	-0.43795E+02	0.83446E+03	0.28986E+03
163	0.16191E+01	0.10794E+02	0.36267E+01	-0.58035E+02	0.94779E+03	0.20544E+03
164	0.15853E+01	0.10569E+02	0.52299E+01	-0.96172E+02	0.92214E+03	0.14972E+03

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165	0.38135E+03	0.12997E+03	0.36972E+01	0.43725E+02	0.93011E+03	0.12226E+03
166	0.71485E+03	0.96673E+02	0.12246E+02	0.31566E+02	0.86320E+03	0.11046E+03
167	0.56691E+03	0.71330E+02	0.14417E+02	0.24517E+02	0.73628E+03	0.10076E+03
168	0.43296E+03	0.51766E+02	0.13808E+02	0.17456E+02	0.60646E+03	0.92581E+02
169	0.27587E+03	0.25600E+02	0.16059E+02	0.10957E+02	0.51905E+03	0.83469E+02
170	0.12030E+03	-0.29590E+01	0.21007E+02	0.36348E+01	0.46350E+03	0.73084E+02
171	-0.37645E+02	-0.30066E+02	0.23790E+02	-0.61194E+01	0.36295E+03	0.58664E+02
172	-0.13006E+03	-0.42085E+02	0.21529E+02	-0.15924E+02	0.23121E+03	0.43341E+02
173	-0.13059E+03	-0.33871E+02	0.13318E+02	-0.21268E+02	0.11596E+03	0.33000E+02
174	-0.78414E+02	-0.16437E+02	0.41614E+01	-0.22119E+02	0.34069E+02	0.26490E+02
175	-0.18441E+02	-0.16142E+01	-0.11373E+01	-0.17550E+02	0.13031E+02	0.24348E+02
176	0.32191E+01	0.21438E+01	-0.15288E+01	-0.13050E+02	0.23178E+02	0.23286E+02
177	0.52529E+01	0.15538E+01	-0.69260E+00	-0.93280E+01	0.29283E+02	0.19347E+02
178	0.16729E+01	0.25315E+00	-0.69180E-02	-0.65224E+01	0.22659E+02	0.14006E+02
179	-0.40592E+00	-0.15093E+00	0.73836E-01	-0.50704E+01	0.16170E+02	0.99200E+01
180	0.66476E-02	-0.69761E-01	0.60251E-01	-0.35567E+01	0.94911E+01	0.60120E+01
181	-0.16771E+00	-0.15171E+00	0.10744E+00	-0.23169E+01	0.43290E+01	0.21669E+01
182	0.65696E+00	0.30510E+00	-0.17961E+00	-0.61948E+00	-0.88281E+00	0.14678E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7700E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.54743E-01	0.93142E-04	0.54945E-01	0.00000E+00
3	-0.10215E+00	-0.11961E-03	0.10218E+00	0.00000E+00
4	-0.11404E+00	-0.17753E-03	0.11396E+00	0.00000E+00
5	-0.13039E+00	-0.21930E-04	0.13038E+00	0.00000E+00
6	-0.14131E+00	-0.77078E-05	0.14131E+00	0.00000E+00
7	-0.13052E+00	-0.11607E-02	0.13046E+00	0.00000E+00
8	-0.14163E+00	-0.94989E-03	0.14166E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.53568E-01	-0.64082E-03	0.53296E-01	0.00000E+00
11	-0.10074E+00	-0.14841E-02	0.10048E+00	0.00000E+00
12	-0.11320E+00	-0.17998E-02	0.11303E+00	0.00000E+00
13	-0.13063E+00	-0.17087E-02	0.13046E+00	0.00000E+00
14	-0.14243E+00	-0.14510E-02	0.14260E+00	0.00000E+00
15	-0.13131E+00	-0.28096E-02	0.13165E+00	0.00000E+00
16	-0.14379E+00	-0.22205E-02	0.14423E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.52183E-01	-0.11111E-02	0.52353E-01	0.00000E+00
19	-0.99590E-01	-0.26577E-02	0.99769E-01	0.00000E+00
20	-0.11291E+00	-0.32829E-02	0.11306E+00	0.00000E+00
21	-0.13197E+00	-0.31759E-02	0.13239E+00	0.00000E+00
22	-0.14577E+00	-0.26653E-02	0.14668E+00	0.00000E+00
23	-0.13296E+00	-0.42362E-02	0.13368E+00	0.00000E+00
24	-0.14845E+00	-0.32005E-02	0.15016E+00	0.00000E+00
25	-0.15005E+00	-0.39867E-02	0.15237E+00	0.00000E+00
26	-0.15101E+00	-0.40804E-02	0.15373E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.50209E-01	-0.99668E-03	0.49363E-01	0.00000E+00
29	-0.97254E-01	-0.26685E-02	0.95675E-01	0.00000E+00
30	-0.11153E+00	-0.36146E-02	0.11004E+00	0.00000E+00
31	-0.13319E+00	-0.43367E-02	0.13378E+00	0.00000E+00
32	-0.15197E+00	-0.40068E-02	0.15517E+00	0.00000E+00
33	-0.13307E+00	-0.44308E-02	0.13333E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.49546E-01	-0.71603E-03	0.47798E-01	0.00000E+00
36	-0.96292E-01	-0.20508E-02	0.93022E-01	0.00000E+00
37	-0.11060E+00	-0.27594E-02	0.10698E+00	0.00000E+00
38	-0.13290E+00	-0.37116E-02	0.13229E+00	0.00000E+00
39	-0.15320E+00	-0.42967E-02	0.15724E+00	0.00000E+00
40	-0.15295E+00	-0.42856E-02	0.15680E+00	0.00000E+00
41	-0.15271E+00	-0.42728E-02	0.15638E+00	0.00000E+00
42	-0.15244E+00	-0.42416E-02	0.15589E+00	0.00000E+00
43	-0.10863E+00	-0.12270E-02	0.98403E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.46653E-01	0.35874E-04	0.39374E-01	0.00000E+00
46	-0.91784E-01	-0.17756E-03	0.76675E-01	0.00000E+00
47	-0.15326E+00	-0.42966E-02	0.15729E+00	0.00000E+00
48	-0.15328E+00	-0.42971E-02	0.15739E+00	0.00000E+00
49	-0.13279E+00	-0.34584E-02	0.13168E+00	0.00000E+00
50	-0.15338E+00	-0.43319E-02	0.15789E+00	0.00000E+00
51	-0.13045E+00	-0.19730E-02	0.11997E+00	0.00000E+00
52	-0.14965E+00	-0.45290E-02	0.13999E+00	0.00000E+00
53	-0.15318E+00	-0.42817E-02	0.15695E+00	0.00000E+00
54	-0.10545E+00	-0.65010E-03	0.88112E-01	0.00000E+00
55	-0.12655E+00	-0.15224E-02	0.10654E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

000591

57	-0.43676E-01	0.98169E-03	0.28802E-01	0.00000E+00
58	-0.85764E-01	0.11346E-02	0.57703E-01	0.00000E+00
59	-0.14376E+00	-0.27607E-02	0.12199E+00	0.00000E+00
60	-0.14305E+00	-0.40867E-02	0.13454E+00	0.00000E+00
61	-0.15341E+00	-0.43591E-02	0.15818E+00	0.00000E+00
62	-0.98569E-01	0.13902E-02	0.66046E-01	0.00000E+00
63	-0.11735E+00	0.12283E-02	0.78880E-01	0.00000E+00
64	-0.15057E+00	-0.45770E-02	0.14098E+00	0.00000E+00
65	-0.15343E+00	-0.43853E-02	0.15846E+00	0.00000E+00
66	-0.15366E+00	-0.44364E-02	0.15903E+00	0.00000E+00
67	-0.15388E+00	-0.44847E-02	0.15960E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.41035E-01	0.11768E-02	0.19626E-01	0.00000E+00
70	-0.79125E-01	0.28132E-02	0.38845E-01	0.00000E+00
71	-0.13452E+00	0.10020E-02	0.91142E-01	0.00000E+00
72	-0.15079E+00	-0.46159E-02	0.13724E+00	0.00000E+00
73	-0.10792E+00	0.36752E-02	0.33451E-01	0.00000E+00
74	-0.15564E+00	-0.48724E-02	0.14156E+00	0.00000E+00
75	-0.15407E+00	-0.45190E-02	0.16014E+00	0.00000E+00
76	-0.15527E+00	-0.45718E-02	0.16112E+00	0.00000E+00
77	-0.12302E+00	0.35801E-02	0.61106E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.38737E-01	0.17878E-02	0.11315E-01	0.00000E+00
80	-0.72950E-01	0.39156E-02	0.20832E-01	0.00000E+00
81	-0.82549E-01	0.50532E-02	0.23572E-01	0.00000E+00
82	-0.97397E-01	0.53941E-02	0.28567E-01	0.00000E+00
83	-0.15000E+00	0.36127E-03	0.10306E+00	0.00000E+00
84	-0.12801E+00	0.50700E-02	0.46869E-01	0.00000E+00
85	-0.15781E+00	-0.46389E-02	0.16240E+00	0.00000E+00
86	-0.16101E+00	-0.47292E-02	0.14670E+00	0.00000E+00
87	-0.11104E+00	0.56958E-02	0.33817E-01	0.00000E+00
88	-0.15707E+00	-0.24466E-02	0.12574E+00	0.00000E+00
89	-0.16009E+00	-0.46878E-02	0.16365E+00	0.00000E+00
90	-0.78427E-01	0.35246E-02	-0.41771E-02	0.00000E+00
91	-0.85210E-01	0.35138E-02	-0.52614E-02	0.00000E+00
92	-0.89943E-01	0.33554E-02	-0.49015E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.26779E-01	0.00000E+00	-0.14961E-01	0.00000E+00
95	-0.49824E-01	0.00000E+00	-0.23627E-01	0.00000E+00
96	-0.55330E-01	0.00000E+00	-0.29262E-01	0.00000E+00
97	-0.62356E-01	0.00000E+00	-0.30478E-01	0.00000E+00
98	-0.64889E-01	0.00000E+00	-0.30501E-01	0.00000E+00
99	-0.74325E-01	0.23313E-02	-0.17379E-01	0.00000E+00
100	-0.98239E-01	0.37920E-02	0.31342E-02	0.00000E+00
101	-0.14123E+00	0.41515E-02	0.52467E-01	0.00000E+00
102	-0.16611E+00	-0.47233E-02	0.16547E+00	0.00000E+00
103	-0.15911E+00	-0.34474E-04	0.10943E+00	0.00000E+00
104	-0.17022E+00	-0.46537E-02	0.15342E+00	0.00000E+00
105	-0.17114E+00	-0.47441E-02	0.16716E+00	0.00000E+00
106	-0.16561E+00	-0.39000E-03	0.11438E+00	0.00000E+00
107	-0.17727E+00	-0.47697E-02	0.15842E+00	0.00000E+00
108	-0.17545E+00	-0.47193E-02	0.16871E+00	0.00000E+00
109	-0.17894E+00	-0.46749E-02	0.17007E+00	0.00000E+00
110	-0.17481E+00	-0.10008E-02	0.12092E+00	0.00000E+00
111	-0.18269E+00	-0.49445E-02	0.16232E+00	0.00000E+00
112	-0.18184E+00	-0.46036E-02	0.17125E+00	0.00000E+00
113	-0.17878E+00	-0.14263E-02	0.13085E+00	0.00000E+00
114	-0.18394E+00	-0.44985E-02	0.17219E+00	0.00000E+00
115	-0.18540E+00	-0.43809E-02	0.17292E+00	0.00000E+00
116	-0.18609E+00	-0.42537E-02	0.17335E+00	0.00000E+00

588

000382

000382

117	-0.18497E+00	-0.45307E-02	0.16434E+00	0.00000E+00
118	-0.18611E+00	-0.41898E-02	0.17349E+00	0.00000E+00
119	-0.18603E+00	-0.40799E-02	0.17357E+00	0.00000E+00
120	-0.18666E+00	-0.39051E-02	0.16626E+00	0.00000E+00
121	-0.18583E+00	-0.39216E-02	0.17350E+00	0.00000E+00
122	-0.18531E+00	-0.37834E-02	0.17383E+00	-0.34432E-04
123	-0.18571E+00	-0.34812E-02	0.17401E+00	-0.63004E-04
124	-0.18552E+00	-0.29873E-02	0.17419E+00	-0.97966E-04
125	-0.18518E+00	-0.22488E-02	0.17437E+00	-0.14352E-03
126	-0.18433E+00	-0.44455E-03	0.17467E+00	-0.20798E-03
127	-0.18326E+00	0.18182E-02	0.17497E+00	-0.23679E-03
128	-0.18094E+00	0.70160E-02	0.17556E+00	-0.22017E-03
129	-0.17917E+00	0.11224E-01	0.17611E+00	-0.15753E-03
130	-0.17805E+00	0.14166E-01	0.17670E+00	-0.70782E-04
131	-0.17794E+00	0.14627E-01	0.17761E+00	0.34245E-04
132	-0.17879E+00	0.11992E-01	0.17842E+00	0.71663E-04
133	-0.17964E+00	0.68904E-02	0.17914E+00	0.62638E-04
134	-0.18015E+00	0.65932E-02	0.17972E+00	0.43006E-04
135	-0.18045E+00	0.49970E-02	0.18020E+00	0.33458E-04
136	-0.18065E+00	0.34814E-02	0.18054E+00	0.35695E-04
137	-0.18078E+00	0.19356E-02	0.18075E+00	0.35992E-04
138	-0.18087E+00	0.29255E-03	0.18087E+00	0.37391E-04
139	-0.18087E+00	0.36142E-04	0.18087E+00	0.36193E-04

589

000593

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7700E+01

590

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.12474E+00	-0.32000E-01	0.29547E-01	-0.66470E+01	-0.60299E-01	0.66356E+01
2	0.28953E+00	-0.37165E-01	0.69231E-01	-0.53595E+01	-0.11677E+00	0.58520E+01
3	0.44346E+00	-0.37443E-01	0.25494E-01	-0.46945E+01	-0.16410E+00	0.47337E+01
4	-0.12202E+00	-0.60682E-02	-0.12914E+00	-0.37476E+01	0.42598E-01	0.38042E+01
5	0.22877E+00	0.22991E-02	0.38286E-01	-0.38085E+01	-0.64590E-01	0.38653E+01
6	-0.10026E+00	-0.20809E-01	-0.39913E-01	-0.38759E+01	0.14263E-01	0.39456E+01
7	-0.15151E+00	-0.15063E-01	-0.74101E-01	-0.26563E+01	0.41709E-01	0.26713E+01
8	-0.27213E+00	-0.21329E-01	-0.12881E+00	-0.26612E+01	0.85471E-01	0.27733E+01
9	-0.11609E+00	-0.43600E+00	-0.22446E+00	-0.64805E+01	-0.34691E-01	0.64786E+01
10	-0.13621E-01	-0.42899E+00	-0.21153E+00	-0.53423E+01	-0.60694E-01	0.58559E+01
11	0.12203E+00	-0.44287E+00	-0.10317E+00	-0.49304E+01	-0.49013E-01	0.49725E+01
12	-0.65916E+00	-0.37418E+00	-0.41446E+00	-0.39757E+01	0.21495E+00	0.39399E+01
13	-0.48492E-01	-0.21778E+00	-0.89127E-01	-0.40900E+01	-0.34021E-02	0.41894E+01
14	-0.56279E+00	-0.27311E+00	-0.29488E+00	-0.41970E+01	0.11964E+00	0.43412E+01
15	-0.66840E+00	-0.11091E+00	-0.27317E+00	-0.28392E+01	0.24120E+00	0.29181E+01
16	-0.82600E+00	-0.10362E+00	-0.29572E+00	-0.30169E+01	0.26113E+00	0.31516E+01
17	-0.89614E-01	-0.49597E+00	-0.24865E+00	-0.62530E+01	-0.10752E+00	0.62320E+01
18	0.12415E+00	-0.59393E+00	-0.23219E+00	-0.57682E+01	-0.25107E+00	0.57844E+01
19	0.48527E+00	-0.65078E+00	-0.15799E+00	-0.50845E+01	-0.49396E+00	0.52570E+01
20	-0.90760E+00	-0.50394E+00	-0.51466E+00	-0.43223E+01	0.21448E+00	0.43376E+01
21	0.23230E-01	-0.56475E+00	-0.23743E+00	-0.45223E+01	-0.26107E+00	0.49238E+01
22	-0.87390E+00	-0.11066E+01	-0.79744E+00	-0.47114E+01	0.20305E-01	0.52729E+01
23	-0.11440E+01	-0.13462E+00	-0.40595E+00	-0.34248E+01	0.39232E+00	0.35810E+01
24	-0.23178E+01	-0.60757E+00	-0.10511E+01	-0.37542E+01	0.74555E+00	0.38263E+01
25	-0.10952E+01	-0.45599E+00	-0.47634E+00	-0.39076E+01	0.28688E+00	0.44156E+01
26	-0.33768E+01	-0.19168E+01	-0.19326E+01	-0.41583E+01	0.91892E+00	0.49190E+01
27	-0.55649E-02	-0.37340E+00	-0.19529E+00	-0.60626E+01	-0.17144E+00	0.59479E+01
28	0.25175E+00	-0.50434E+00	-0.22644E+00	-0.56243E+01	-0.45945E+00	0.56326E+01
29	0.94589E+00	-0.56401E+00	-0.19688E+00	-0.48883E+01	-0.12464E+01	0.53273E+01
30	-0.26098E+00	-0.70377E+00	-0.40325E+00	-0.47448E+01	-0.23876E+00	0.52653E+01
31	-0.29268E+00	-0.77770E+00	-0.32244E+00	-0.45308E+01	-0.81892E+00	0.54942E+01
32	-0.37116E+00	-0.98372E+00	-0.64390E+00	-0.44068E+01	-0.57953E+00	0.55831E+01
33	-0.25069E+01	-0.14484E+01	-0.14281E+01	-0.45363E+01	0.48192E+00	0.51949E+01
34	-0.60122E+01	-0.37921E+01	-0.37273E+01	-0.47544E+01	0.13907E+01	0.56723E+01
35	-0.12974E+01	-0.64072E+00	-0.57079E+00	-0.47421E+01	0.42103E+00	0.56706E+01
36	0.52248E+00	0.21937E+00	0.38711E+00	-0.43815E+01	-0.64822E+00	0.58896E+01
37	-0.20513E+01	-0.17438E+01	-0.13348E+01	-0.48995E+01	0.45548E+00	0.61184E+01
38	0.21797E+00	-0.53813E-01	-0.61548E-01	-0.58647E+01	-0.24969E+00	0.53305E+01
39	0.59244E+00	-0.10063E+00	-0.18388E+00	-0.55104E+01	-0.73187E+00	0.50575E+01
40	0.11734E+01	-0.45199E+00	-0.42830E+00	-0.48177E+01	-0.21568E+01	0.52066E+01
41	0.15838E+01	0.33576E+00	-0.43066E+00	-0.50369E+01	-0.19151E+01	0.50152E+01
42	0.20842E+01	-0.46250E-01	-0.72079E+00	-0.48503E+01	-0.23718E+01	0.42181E+01
43	0.71639E+00	-0.17751E+00	-0.67035E-01	-0.45437E+01	-0.12348E+01	0.56234E+01
44	0.12054E+01	0.29082E-01	-0.12957E-02	-0.44572E+01	-0.19531E+01	0.47265E+01
45	0.20176E+01	0.40391E+00	0.12359E+00	-0.46526E+01	-0.19222E+01	0.47075E+01
46	0.10495E+01	-0.38035E+00	-0.67743E+00	-0.44757E+01	-0.13667E+01	0.40167E+01
47	-0.53241E+00	-0.83896E+00	-0.42745E+00	-0.46362E+01	-0.47072E+00	0.61899E+01
48	-0.22881E-01	-0.60431E+00	-0.75445E-01	-0.49248E+01	-0.44014E+00	0.62716E+01
49	0.70648E+00	-0.47809E+00	0.23457E-01	-0.48364E+01	-0.15377E+01	0.67628E+01
50	0.43949E+01	0.90833E+00	0.17524E+01	-0.41598E+01	-0.40122E+01	0.44238E+01
51	0.68477E+00	0.35629E+00	0.73308E+00	-0.20372E+00	-0.49058E+00	0.12040E+01
52	0.19843E+01	0.60730E+00	0.10843E+01	0.14899E+01	-0.22472E+01	-0.72049E+01
53	0.17701E+01	-0.60710E+00	-0.52730E+00	-0.37319E+01	-0.21523E+01	0.37477E+01
54	0.60244E+00	0.49379E+00	0.19675E+00	-0.54977E+01	-0.30129E+00	0.41624E+01

000594

5622

55	0.99771E+00	0.31640E+00	-0.13297E+00	-0.52352E+01	-0.83019E+00	0.40380E+01
56	0.21733E+01	0.19912E+00	-0.11568E+01	-0.46081E+01	-0.22907E+01	0.36131E+01
57	0.17555E+01	0.13742E+00	-0.62765E+00	-0.41128E+01	-0.16602E+01	0.33846E+01
58	0.19047E+01	-0.11457E-01	-0.82278E+00	-0.34420E+01	-0.19712E+01	0.30122E+01
59	0.21931E+00	0.45927E+00	-0.88992E-01	-0.53382E+01	-0.65157E-01	0.35160E+01
60	0.11374E+01	0.10377E+01	0.45006E+00	-0.50011E+01	-0.52296E+00	0.23898E+01
61	0.86075E+00	0.81138E+00	0.16091E+00	-0.49706E+01	-0.42805E+00	0.23877E+01
62	0.49620E+00	0.92327E+00	0.29223E+00	-0.47345E+01	0.96961E-01	0.13766E+01
63	0.11439E+01	0.68205E+00	-0.20420E+00	-0.48311E+01	-0.69416E+00	0.29212E+01
64	0.12468E+01	0.10362E+01	-0.14142E+00	-0.43563E+01	-0.58140E+00	0.17298E+01
65	0.22230E+01	0.46297E+00	-0.14918E+01	-0.44489E+01	-0.18821E+01	0.30123E+01
66	0.27893E+01	0.73932E+00	-0.16230E+01	-0.39239E+01	-0.20834E+01	0.21144E+01
67	0.21847E+01	0.12105E+01	-0.17649E+01	-0.33545E+01	-0.15713E+01	0.92135E+00
68	0.21646E+01	0.46011E+00	-0.76889E+00	-0.38576E+01	-0.15543E+01	0.27480E+01
69	0.13578E+01	0.66593E+00	-0.88069E+00	-0.36034E+01	-0.11655E+01	0.18256E+01
70	0.27218E+01	0.10452E+01	-0.62595E+00	-0.30681E+01	-0.13949E+01	0.10231E+01
71	0.23130E+01	0.42943E+00	-0.99570E+00	-0.32767E+01	-0.16561E+01	0.21220E+01
72	0.25695E+01	0.66389E+00	-0.10665E+01	-0.29465E+01	-0.14181E+01	0.13391E+01
73	0.54618E+00	0.54546E+00	0.52695E-01	-0.40202E+01	-0.10374E+00	-0.22639E+00
74	0.88203E+00	0.49870E+00	-0.54548E+00	-0.35519E+01	-0.28385E+00	-0.14260E+00
75	0.19252E+01	0.49597E+00	-0.20795E+01	-0.29321E+01	-0.75954E+00	-0.16268E-01
76	0.21553E+01	0.65886E+00	-0.10251E+01	-0.32981E+01	-0.65076E+00	0.10311E+01
77	0.15769E+01	0.82992E+00	-0.10158E+01	-0.21649E+01	-0.43812E+00	-0.31544E+00
78	0.13382E+01	-0.54529E-01	-0.14746E+01	-0.16750E+01	-0.42971E+00	-0.27320E+00
79	0.25959E+01	0.71772E+00	-0.10222E+01	-0.23003E+01	-0.71769E+00	0.40363E+00
80	0.28368E+01	0.81639E+00	-0.77938E+00	-0.15793E+01	-0.32176E+00	-0.26326E+00
81	0.15547E+01	0.35964E+00	-0.13475E+01	-0.89368E+00	-0.38499E+00	-0.20999E+00
82	0.16416E+01	0.10458E+00	-0.13803E+01	-0.73875E+00	-0.32635E+00	-0.10987E-01
83	0.25223E+01	0.41857E+00	-0.11679E+01	-0.14242E+01	-0.28476E+00	0.72169E-01
84	0.31407E+01	0.77779E+00	-0.94364E+00	-0.15281E+01	-0.78062E+00	-0.12322E-01
85	0.35839E+01	0.56953E+00	-0.10161E+01	-0.22826E+01	-0.10179E+01	0.94237E+00
86	0.35050E+01	0.56868E+00	-0.12125E+01	-0.18483E+01	-0.95914E+00	0.70816E+00
87	0.25631E+01	0.52577E+00	-0.13852E+01	-0.22754E+01	-0.14291E+01	0.63969E+00
88	0.27194E+01	0.37289E+00	-0.11583E+01	-0.25052E+01	-0.19374E+01	0.17625E+01
89	0.29353E+01	0.41830E+00	-0.11380E+01	-0.22196E+01	-0.20553E+01	0.16972E+01
90	0.31963E+01	0.38440E+00	-0.13646E+01	-0.15475E+01	-0.21287E+01	0.71621E+00
91	0.34905E+01	0.74607E+00	-0.95132E+00	-0.15239E+01	-0.22951E+01	0.13217E+01
92	0.34082E+01	0.66453E+00	-0.10756E+01	-0.12059E+01	-0.22741E+01	0.10132E+01
93	0.21025E+01	-0.98054E+00	-0.54070E+00	-0.26726E+01	-0.24836E+01	0.30102E+01
94	0.23617E+01	0.17025E+00	-0.29464E+00	-0.26402E+01	-0.22786E+01	0.23182E+01
95	0.15991E+01	0.69703E+00	-0.26351E+00	-0.18872E+01	-0.22807E+01	0.21737E+01
96	0.19958E+01	0.11633E+00	-0.89851E+00	-0.26939E+01	-0.21405E+01	0.23060E+01
97	0.13716E+01	0.39419E+00	-0.52933E+00	-0.21987E+01	-0.22616E+01	0.19042E+01
98	0.17318E+01	0.35954E+00	-0.90277E+00	-0.18111E+01	-0.21350E+01	0.17540E+01
99	0.17831E+01	-0.15229E+00	-0.14136E+01	-0.21239E+01	-0.20253E+01	0.17363E+01
100	0.14257E+01	-0.12856E+00	-0.13000E+01	-0.15538E+01	-0.21081E+01	0.13935E+01
101	0.17759E+01	0.22043E+00	-0.89351E+00	-0.11922E+01	-0.21548E+01	0.11234E+01
102	0.13415E+01	-0.19219E+00	-0.17163E+01	-0.12550E+01	-0.20172E+01	0.11453E+01
103	0.90314E+00	0.16696E+00	-0.12702E+01	-0.33305E+00	-0.19847E+01	0.62225E+00
104	0.10351E+01	0.36529E+00	-0.11385E+01	-0.14746E+00	-0.19846E+01	0.51407E+00
105	0.21954E+01	-0.14844E+00	0.78165E-01	-0.23795E+01	-0.29483E+01	0.27064E+01
106	0.33872E+01	0.18610E+01	0.20901E+01	-0.15897E+00	-0.31004E+01	0.13570E+01
107	0.26282E+01	0.15130E+01	0.14113E+01	-0.12384E+01	-0.29976E+01	0.18787E+01
108	0.21295E+01	0.11559E+01	0.10939E+01	-0.12790E+01	-0.29090E+01	0.19082E+01
109	0.18277E+01	0.84245E+00	0.10104E+01	-0.50856E+00	-0.29294E+01	0.13618E+01
110	0.10955E+00	-0.44380E+00	-0.40475E+00	-0.18803E+01	-0.27358E+01	0.20400E+01
111	-0.60538E+00	-0.61846E+00	-0.54044E+00	-0.13420E+01	-0.26305E+01	0.11723E+01
112	-0.64395E+00	-0.65145E+00	-0.60388E+00	-0.21023E+01	-0.26181E+01	0.11629E+01
113	-0.94489E+00	-0.68724E+00	-0.11804E+01	-0.22035E+01	-0.22863E+01	0.22012E+01
114	-0.11149E+01	-0.94517E+00	-0.96894E+00	-0.18626E+01	-0.22444E+01	0.11354E+01

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115	-0.13082E+01	-0.92717E+00	-0.11502E+01	-0.32646E+01	-0.22004E+01	0.11045E+01
116	-0.52294E+00	-0.61343E+00	-0.11589E+01	-0.24888E+01	-0.18361E+01	0.19323E+01
117	-0.17010E-01	-0.28850E+00	-0.62622E+00	-0.27126E+01	-0.16809E+01	0.10331E+01
118	-0.12339E+00	-0.34577E+00	-0.83519E+00	-0.23230E+01	-0.16296E+01	0.95877E+00
119	-0.81785E-01	-0.60662E+00	-0.12147E+01	-0.19038E+01	-0.13971E+01	0.14649E+01
120	0.29209E+00	-0.11145E+00	-0.73372E+00	-0.19018E+01	-0.12838E+01	0.85529E+00
121	0.22111E+00	-0.15315E+00	-0.87449E+00	-0.15837E+01	-0.12564E+01	0.75462E+00
122	-0.25532E+00	-0.85367E+00	-0.15475E+01	-0.15009E+01	-0.10793E+01	0.11692E+01
123	-0.19293E+00	-0.41749E+00	-0.12493E+01	-0.11965E+01	-0.97812E+00	0.62809E+00
124	-0.22965E+00	-0.44063E+00	-0.13180E+01	-0.85638E+00	-0.96215E+00	0.50930E+00
125	0.23619E-01	-0.17203E+00	-0.12432E+01	-0.67158E+00	-0.87490E+00	0.65758E+00
126	-0.37184E+00	-0.53251E+00	-0.14414E+01	-0.40798E+00	-0.83521E+00	0.34826E+00
127	-0.37465E+00	-0.53452E+00	-0.14465E+01	-0.64542E-01	-0.83410E+00	0.25877E+00
128	-0.86534E+00	-0.72576E+00	-0.17685E+01	-0.23680E+00	-0.72882E+00	0.39826E+00
129	-0.18447E+01	-0.14492E+01	-0.23787E+01	0.10865E+00	-0.61400E+00	0.11320E+00
183	0.27249E+01	-0.37323E+00	0.21858E+00	-0.38878E+01	-0.31117E+01	0.44182E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.50542E+00	0.33625E+01	-0.28641E+01	-0.60160E+02	-0.18303E+01	0.25074E+02
131	-0.16976E-01	-0.11317E+00	0.96197E-01	-0.15054E+03	-0.10579E+02	0.69391E+02
132	0.88058E-01	0.58705E+00	-0.49900E+00	-0.25263E+03	-0.15624E+02	0.12155E+03
133	-0.46085E-02	-0.30723E-01	0.26115E-01	-0.36746E+03	-0.19377E+02	0.18091E+03
134	0.17597E-01	0.11731E+00	-0.99714E-01	-0.49774E+03	-0.20848E+02	0.25549E+03
135	0.16718E+00	0.11148E+01	-0.94738E+00	-0.59330E+03	-0.18036E+02	0.32499E+03
136	-0.17079E-01	-0.11386E+00	0.96782E-01	-0.67598E+03	-0.18718E+02	0.37537E+03
137	-0.98194E-01	-0.65463E+00	0.55643E+00	-0.67163E+03	-0.81134E+01	0.39730E+03
138	0.61740E+00	0.41160E+01	-0.30009E+01	-0.69383E+03	0.46375E+02	0.43234E+03
139	0.98879E-01	0.65920E+00	0.10963E+01	-0.67703E+03	0.15991E+03	0.45312E+03
140	-0.11855E+01	-0.79031E+01	0.67176E+01	-0.86075E+03	0.19415E+03	0.51795E+03
141	-0.11645E+01	-0.77634E+01	0.65989E+01	-0.86524E+03	0.20138E+03	0.55129E+03
142	-0.13289E+01	-0.88595E+01	0.75305E+01	-0.91019E+03	0.20043E+03	0.59055E+03
143	-0.13746E+01	-0.91634E+01	0.77893E+01	0.33017E+03	0.38359E+03	-0.64837E+03
144	-0.15720E+01	-0.10430E+02	0.89076E+01	0.32129E+03	0.36348E+03	-0.62383E+03
145	0.67132E+00	0.44755E+01	-0.77326E+01	-0.14380E+03	0.25968E+03	-0.12708E+04
146	0.28931E+00	0.19287E+01	-0.57124E+01	-0.18134E+03	0.19604E+03	-0.10583E+04
147	0.30531E+00	0.20354E+01	-0.56637E+01	-0.17200E+03	0.20979E+03	-0.10458E+04
148	0.32401E+00	0.21601E+01	0.14116E+01	-0.16427E+03	0.22537E+03	-0.10476E+04
149	0.34574E+00	0.23049E+01	0.13446E+01	-0.15037E+03	0.24423E+03	-0.10636E+04
150	0.40845E+00	0.27230E+01	0.40893E+00	-0.95795E+02	0.27944E+03	-0.10368E+04
151	0.49348E+00	0.32899E+01	0.24851E+02	-0.70173E+02	0.32118E+03	-0.10592E+04
152	0.43226E+00	0.28817E+01	0.44838E+02	-0.70582E+02	0.27997E+03	-0.10512E+04
153	0.33767E+00	0.22512E+01	0.39722E+02	-0.49558E+02	0.21954E+03	-0.10281E+04
154	0.12119E+00	0.80725E+00	0.76686E+02	-0.28182E+02	0.77235E+02	-0.10006E+04
155	-0.19084E+00	-0.12723E+01	0.63329E+02	-0.43509E+02	-0.13481E+03	-0.93728E+03
156	-0.44342E+00	-0.29561E+01	0.53782E+02	-0.17262E+02	-0.30064E+03	-0.87035E+03
157	-0.64574E+00	-0.43049E+01	0.43011E+02	-0.15795E+02	-0.43642E+03	-0.77605E+03
158	-0.80522E+00	-0.53681E+01	0.35556E+02	-0.12451E+01	-0.54143E+03	-0.68495E+03
159	-0.92445E+00	-0.61630E+01	0.25281E+02	0.25177E+02	-0.61761E+03	-0.56898E+03
160	-0.10031E+01	-0.66871E+01	0.17401E+02	0.31441E+02	-0.66952E+03	-0.46109E+03
161	-0.11519E+01	-0.76795E+01	0.84104E+01	0.39358E+02	-0.71924E+03	-0.32883E+03
162	-0.11792E+01	-0.78615E+01	-0.67247E+00	0.37907E+02	-0.69097E+03	-0.23389E+03
163	-0.13454E+01	-0.89738E+01	-0.25001E+01	0.50298E+02	-0.78786E+03	-0.16722E+03
164	-0.13256E+01	-0.88371E+01	-0.37677E+01	0.86813E+02	-0.77009E+03	-0.12380E+03

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165	-0.74219E+03	-0.11028E+03	-0.23826E+01	-0.40369E+02	-0.78084E+03	-0.10155E+03
166	-0.60487E+03	-0.82489E+02	-0.97391E+01	-0.30316E+02	-0.72501E+03	-0.91710E+02
167	-0.48109E+03	-0.61020E+02	-0.11789E+02	-0.24323E+02	-0.61876E+03	-0.83610E+02
168	-0.36840E+03	-0.44366E+02	-0.11452E+02	-0.18327E+02	-0.50997E+03	-0.76776E+02
169	-0.23523E+03	-0.22101E+02	-0.13438E+02	-0.12795E+02	-0.43674E+03	-0.69138E+02
170	-0.10298E+03	0.21811E+01	-0.17650E+02	-0.65543E+01	-0.39014E+03	-0.60474E+02
171	0.31194E+02	0.25213E+02	-0.20022E+02	0.17755E+01	-0.30559E+03	-0.48426E+02
172	0.10972E+03	0.35441E+02	-0.18117E+02	0.10195E+02	-0.19472E+03	-0.35658E+02
173	-0.11035E+03	0.28525E+02	-0.11180E+02	0.14838E+02	-0.97809E+02	-0.27096E+02
174	0.66180E+02	0.13774E+02	-0.34324E+01	0.15788E+02	-0.29248E+02	-0.21804E+02
175	0.15418E+02	0.12697E+01	0.10170E+01	0.12209E+02	-0.12048E+02	-0.20172E+02
176	-0.27682E+01	-0.18703E+01	0.13334E+01	0.87036E+01	-0.20891E+02	-0.19365E+02
177	-0.45923E+01	-0.13883E+01	0.62829E+00	0.59961E+01	-0.26250E+02	-0.16148E+02
178	-0.16003E+01	-0.23649E+00	-0.10774E-02	0.41391E+01	-0.20430E+02	-0.11711E+02
179	0.39405E+00	0.16829E+00	-0.93169E-01	0.33289E+01	-0.14478E+02	-0.82477E+01
180	0.50062E-01	0.76720E-01	-0.59675E-01	0.24184E+01	-0.84084E+01	-0.49704E+01
181	0.15334E+00	0.14391E+00	-0.10337E+00	0.17011E+01	-0.38114E+01	-0.17611E+01
182	-0.52932E+00	-0.24583E+00	0.14472E+00	0.50824E+00	0.83542E+00	0.18699E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7800E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.18677E-03	-0.40055E-04	0.56577E-03	0.00000E+00
3	-0.13447E-02	-0.85998E-04	0.12900E-02	0.00000E+00
4	-0.19483E-02	-0.45831E-04	0.16271E-02	0.00000E+00
5	-0.28347E-02	0.32238E-04	0.27983E-02	0.00000E+00
6	-0.38415E-02	-0.35252E-05	0.38413E-02	0.00000E+00
7	-0.28451E-02	-0.72478E-04	0.30308E-02	0.00000E+00
8	-0.39019E-02	-0.11943E-03	0.40089E-02	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.58414E-03	0.19869E-04	0.79573E-03	0.00000E+00
11	-0.15964E-02	-0.18058E-04	0.20195E-02	0.00000E+00
12	-0.20511E-02	-0.50897E-04	0.25220E-02	0.00000E+00
13	-0.29633E-02	-0.12391E-03	0.34833E-02	0.00000E+00
14	-0.39798E-02	-0.19954E-03	0.44604E-02	0.00000E+00
15	-0.31110E-02	-0.16626E-03	0.42384E-02	0.00000E+00
16	-0.40999E-02	-0.28761E-03	0.51933E-02	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.76092E-03	0.56882E-04	0.17205E-02	0.00000E+00
19	-0.19331E-02	-0.17172E-04	0.36299E-02	0.00000E+00
20	-0.24139E-02	-0.76936E-04	0.42424E-02	0.00000E+00
21	-0.32969E-02	-0.21992E-03	0.52683E-02	0.00000E+00
22	-0.42620E-02	-0.37039E-03	0.62049E-02	0.00000E+00
23	-0.35341E-02	-0.24454E-03	0.66991E-02	0.00000E+00
24	-0.44628E-02	-0.46274E-03	0.74846E-02	0.00000E+00
25	-0.45766E-02	-0.82027E-03	0.82164E-02	0.00000E+00
26	-0.46403E-02	-0.55182E-03	0.86236E-02	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.11327E-02	0.14392E-03	0.34763E-02	0.00000E+00
29	-0.24948E-02	0.54299E-04	0.67384E-02	0.00000E+00
30	-0.30103E-02	-0.53354E-04	0.75676E-02	0.00000E+00
31	-0.38006E-02	-0.31623E-03	0.84823E-02	0.00000E+00
32	-0.47068E-02	-0.58718E-03	0.90469E-02	0.00000E+00
33	-0.38872E-02	-0.30522E-03	0.91981E-02	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.12974E-02	0.15337E-03	0.42140E-02	0.00000E+00
36	-0.27213E-02	0.12203E-02	0.80652E-02	0.00000E+00
37	-0.32383E-02	-0.21000E-04	0.90994E-02	0.00000E+00
38	-0.39758E-02	-0.29534E-03	0.99264E-02	0.00000E+00
39	-0.48125E-02	-0.59665E-03	0.93130E-02	0.00000E+00
40	-0.47906E-02	-0.59573E-03	0.96389E-02	0.00000E+00
41	-0.47676E-02	-0.59496E-03	0.94694E-02	0.00000E+00
42	-0.47414E-02	-0.59608E-03	0.92752E-02	0.00000E+00
43	-0.37527E-02	0.11895E-04	0.12510E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.20555E-02	0.16523E-03	0.75837E-02	0.00000E+00
46	-0.39711E-02	0.24028E-04	0.14457E-01	0.00000E+00
47	-0.48245E-02	-0.59659E-03	0.99233E-02	0.00000E+00
48	-0.48191E-02	-0.59668E-03	0.98688E-02	0.00000E+00
49	-0.40027E-02	-0.30042E-03	0.10188E-01	0.00000E+00
50	-0.48200E-02	-0.60920E-03	0.98669E-02	0.00000E+00
51	-0.44354E-02	-0.26748E-03	0.13992E-01	0.00000E+00
52	-0.50842E-02	-0.64589E-03	0.14769E-01	0.00000E+00
53	-0.48418E-02	-0.59419E-03	0.10117E-01	0.00000E+00
54	-0.44361E-02	-0.11891E-03	0.16267E-01	0.00000E+00
55	-0.51532E-02	-0.45929E-03	0.15698E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.29011E-02	0.40760E-04	0.11516E-01	0.00000E+00
58	-0.53311E-02	-0.32572E-03	0.21359E-01	0.00000E+00
59	-0.57201E-02	-0.92693E-03	0.20539E-01	0.00000E+00
60	-0.52155E-02	-0.66402E-03	0.16378E-01	0.00000E+00
61	-0.48204E-02	-0.61646E-03	0.98810E-02	0.00000E+00
62	-0.59968E-02	-0.60653E-03	0.24367E-01	0.00000E+00
63	-0.68955E-02	-0.11515E-02	0.28455E-01	0.00000E+00
64	-0.51259E-02	-0.68439E-03	0.14973E-01	0.00000E+00
65	-0.48207E-02	-0.62324E-03	0.98935E-02	0.00000E+00
66	-0.48230E-02	-0.63711E-03	0.99188E-02	0.00000E+00
67	-0.48256E-02	-0.65254E-03	0.99470E-02	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.35241E-02	0.74830E-05	0.14376E-01	0.00000E+00
70	-0.67606E-02	-0.46832E-03	0.27337E-01	0.00000E+00
71	-0.75060E-02	-0.17796E-02	0.31694E-01	0.00000E+00
72	-0.52642E-02	-0.75026E-03	0.16641E-01	0.00000E+00
73	-0.87732E-02	-0.14599E-02	0.36297E-01	0.00000E+00
74	-0.53203E-02	-0.91859E-03	0.17200E-01	0.00000E+00
75	-0.48273E-02	-0.66652E-03	0.99700E-02	0.00000E+00
76	-0.48411E-02	-0.69719E-03	0.10013E-01	0.00000E+00
77	-0.96329E-02	-0.22425E-02	0.40419E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.41742E-02	-0.26873E-05	0.17217E-01	0.00000E+00
80	-0.80326E-02	-0.59469E-03	0.32740E-01	0.00000E+00
81	-0.91259E-02	-0.98161E-03	0.37040E-01	0.00000E+00
82	-0.10522E-01	-0.16459E-02	0.42576E-01	0.00000E+00
83	-0.78706E-02	-0.26337E-02	0.34059E-01	0.00000E+00
84	-0.11634E-01	-0.34803E-02	0.49051E-01	0.00000E+00
85	-0.48681E-02	-0.73931E-03	0.10064E-01	0.00000E+00
86	-0.54365E-02	-0.11490E-02	0.17628E-01	0.00000E+00
87	-0.11572E-01	-0.24424E-02	0.47147E-01	0.00000E+00
88	-0.65436E-02	-0.18410E-02	0.25672E-01	0.00000E+00
89	-0.48835E-02	-0.78186E-03	0.10108E-01	0.00000E+00
90	-0.13449E-01	-0.97603E-03	0.46755E-01	0.00000E+00
91	-0.14691E-01	-0.16152E-02	0.50518E-01	0.00000E+00
92	-0.15300E-01	-0.21565E-02	0.52125E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.71285E-02	0.00000E+00	0.21961E-01	0.00000E+00
95	-0.13026E-01	0.00000E+00	0.40269E-01	0.00000E+00
96	-0.14527E-01	0.00000E+00	0.44572E-01	0.00000E+00
97	-0.16318E-01	0.00000E+00	0.45722E-01	0.00000E+00
98	-0.17350E-01	0.00000E+00	0.50002E-01	0.00000E+00
99	-0.15632E-01	-0.98330E-03	0.49913E-01	0.00000E+00
100	-0.15120E-01	-0.26503E-02	0.52787E-01	0.00000E+00
101	-0.11976E-01	-0.48767E-02	0.50779E-01	0.00000E+00
102	-0.49307E-02	-0.84747E-03	0.10161E-01	0.00000E+00
103	-0.79660E-02	-0.32918E-02	0.35253E-01	0.00000E+00
104	-0.54510E-02	-0.15048E-02	0.18039E-01	0.00000E+00
105	-0.49511E-02	-0.91676E-03	0.10195E-01	0.00000E+00
106	-0.78953E-02	-0.39572E-02	0.35561E-01	0.00000E+00
107	-0.54228E-02	-0.18843E-02	0.18207E-01	0.00000E+00
108	-0.49636E-02	-0.98713E-03	0.10211E-01	0.00000E+00
109	-0.49656E-02	-0.10595E-02	0.10206E-01	0.00000E+00
110	-0.74375E-02	-0.50794E-02	0.35014E-01	0.00000E+00
111	-0.53081E-02	-0.23347E-02	0.18120E-01	0.00000E+00
112	-0.49715E-02	-0.11315E-02	0.10183E-01	0.00000E+00
113	-0.66814E-02	-0.47873E-02	0.31608E-01	0.00000E+00
114	-0.49651E-02	-0.12055E-02	0.10138E-01	0.00000E+00
115	-0.49694E-02	-0.12771E-02	0.10074E-01	0.00000E+00
116	-0.50074E-02	-0.13477E-02	0.99910E-02	0.00000E+00

595

000599

5929

117	-0.51905E-02	-0.28471E-02	0.17688E-01	0.00000E+00
118	-0.50153E-02	-0.13820E-02	0.99425E-02	0.00000E+00
119	-0.50531E-02	-0.14291E-02	0.98606E-02	0.00000E+00
120	-0.47643E-02	-0.34980E-02	0.16825E-01	0.00000E+00
121	-0.50396E-02	-0.14956E-02	0.97457E-02	0.00000E+00
122	-0.50988E-02	-0.15533E-02	0.96531E-02	0.14500E-04
123	-0.51456E-02	-0.16802E-02	0.95768E-02	0.26641E-04
124	-0.52254E-02	-0.16886E-02	0.95008E-02	0.41552E-04
125	-0.53714E-02	-0.22013E-02	0.94228E-02	0.60934E-04
126	-0.57365E-02	-0.29673E-02	0.92946E-02	0.83495E-04
127	-0.61969E-02	-0.39276E-02	0.91713E-02	0.10053E-03
128	-0.71861E-02	-0.61249E-02	0.89190E-02	0.92763E-04
129	-0.79285E-02	-0.78781E-02	0.86681E-02	0.64750E-04
130	-0.83820E-02	-0.90411E-02	0.84398E-02	0.25786E-04
131	-0.83715E-02	-0.90407E-02	0.80661E-02	-0.18441E-04
132	-0.79728E-02	-0.77422E-02	0.77467E-02	-0.33756E-04
133	-0.75821E-02	-0.62612E-02	0.74699E-02	-0.30776E-04
134	-0.73118E-02	-0.49771E-02	0.72499E-02	-0.26995E-04
135	-0.71112E-02	-0.37684E-02	0.70779E-02	-0.26527E-04
136	-0.69654E-02	-0.25794E-02	0.69502E-02	-0.26092E-04
137	-0.68822E-02	-0.14251E-02	0.68776E-02	-0.26183E-04
138	-0.68259E-02	-0.21034E-03	0.68262E-02	-0.26256E-04
139	-0.68259E-02	-0.26311E-04	0.68259E-02	-0.26309E-04

596

000600

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7800E+01

597

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.57662E-02	0.22119E-01	0.69702E-01	-0.44822E-01	-0.13774E-01	0.83974E-01
2	-0.22746E-01	0.16533E-01	0.10009E+00	-0.12774E+00	0.22074E-04	0.12379E+00
3	-0.33331E-01	0.23441E-01	0.99824E-01	-0.18931E+00	0.84556E-01	0.16927E+00
4	-0.58033E-01	-0.30446E-01	-0.12649E+00	-0.21034E+00	0.73080E-01	0.25931E+00
5	0.43357E-02	0.12352E-01	0.63117E-01	-0.18356E+00	0.60630E-01	0.21739E+00
6	-0.22016E-01	-0.10782E-01	0.10580E+00	-0.20704E+00	0.39224E-01	0.21721E+00
7	0.16798E-01	0.11502E-01	0.75632E-01	-0.25128E+00	0.13382E-01	0.24081E+00
8	-0.58610E-02	0.21776E-02	0.10746E+00	-0.24418E+00	0.42708E-01	0.23462E+00
9	0.37809E-01	0.60775E-01	0.81215E-01	-0.80764E-01	0.20410E-01	0.15279E+00
10	0.22557E-01	0.49024E-01	0.14558E+00	-0.13205E+00	0.54926E-01	0.19094E+00
11	-0.43685E-01	0.29223E-01	0.23823E+00	-0.17342E+00	0.14190E+00	0.20857E+00
12	-0.42579E-02	0.17260E-01	0.15815E+00	-0.20540E+00	0.81708E-01	0.21708E+00
13	-0.10226E-01	0.10930E-01	0.19277E+00	-0.19269E+00	0.86567E-01	0.19140E+00
14	-0.17472E-02	0.34045E-02	0.22712E+00	-0.20100E+00	0.10509E+00	0.22989E+00
15	-0.48605E-03	0.36320E-02	0.16609E+00	-0.23647E+00	0.76177E-01	0.23056E+00
16	0.62127E-02	0.80995E-02	0.22727E+00	-0.23131E+00	0.10519E+00	0.22545E+00
17	0.65713E-01	0.11826E+00	0.14405E+00	-0.11244E+00	0.40980E-01	0.31605E+00
18	0.30689E-01	0.80992E-01	0.24183E+00	-0.14890E+00	0.11283E+00	0.31423E+00
19	-0.69727E-01	0.43390E-01	0.48037E+00	-0.17550E+00	0.29694E+00	0.26573E+00
20	0.60300E-02	0.29733E-01	0.28517E+00	-0.19575E+00	0.16159E+00	0.22981E+00
21	-0.14963E-01	0.13580E-01	0.32075E+00	-0.17688E+00	0.18133E+00	0.18149E+00
22	0.16465E-01	-0.37962E-02	0.37274E+00	-0.18383E+00	0.18196E+00	0.20469E+00
23	0.27685E-02	-0.77880E-03	0.28450E+00	-0.22280E+00	0.14336E+00	0.20601E+00
24	0.15537E-01	-0.46323E-04	0.32670E+00	-0.22893E+00	0.14979E+00	0.19036E+00
25	0.71163E-02	-0.11498E-01	0.34909E+00	-0.22001E+00	0.17579E+00	0.15498E+00
26	0.11515E-01	-0.19060E-01	0.36595E+00	-0.22730E+00	0.15733E+00	0.14130E+00
27	0.81106E-01	0.15633E+00	0.18381E+00	-0.14737E+00	0.56551E-01	0.46817E+00
28	0.47078E-01	0.12587E+00	0.31935E+00	-0.16103E+00	0.15749E+00	0.43186E+00
29	-0.88287E-01	0.37227E-01	0.61069E+00	-0.16537E+00	0.44279E+00	0.34039E+00
30	0.51246E-01	0.41168E-01	0.44037E+00	-0.16527E+00	0.24508E+00	0.20490E+00
31	-0.23421E-01	-0.10988E-01	0.40354E+00	-0.15508E+00	0.28387E+00	0.18371E+00
32	0.76173E-01	0.61952E-01	0.49478E+00	-0.15395E+00	0.27337E+00	0.18488E+00
33	-0.49606E-01	-0.64010E-01	0.34210E+00	-0.21191E+00	0.19806E+00	0.12164E+00
34	-0.10572E+00	-0.11787E+00	0.29932E+00	-0.22235E+00	0.82349E-01	0.79581E-01
35	0.11572E+00	0.30621E-01	0.44910E+00	-0.21285E+00	0.60915E-01	0.79341E-01
36	-0.30974E-02	-0.40694E-01	0.39925E+00	-0.20098E+00	0.28150E+00	0.29512E-01
37	0.12995E+00	0.36431E-01	0.46902E+00	-0.20251E+00	0.62035E-01	-0.13755E-01
38	0.84858E-01	0.17691E+00	0.22114E+00	-0.20448E+00	0.76465E-01	0.71940E+00
39	0.13880E-01	0.13347E+00	0.39360E+00	-0.20710E+00	0.22243E+00	0.65308E+00
40	-0.14936E+00	0.34031E-01	0.71733E+00	-0.18034E+00	0.66654E+00	0.37758E+00
41	-0.16232E+00	0.14310E+00	0.83359E+00	-0.16277E+00	0.57279E+00	0.45583E+00
42	-0.18940E+00	0.88835E-01	0.93975E+00	-0.20716E+00	0.67987E+00	0.66470E+00
43	-0.74919E-02	0.16606E-01	0.48923E+00	-0.15051E+00	0.36845E+00	0.16487E+00
44	0.80091E-01	0.11637E+00	0.63454E+00	-0.14193E+00	0.49303E+00	0.32564E+00
45	-0.10836E-01	0.10563E+00	0.69914E+00	-0.17968E+00	0.54323E+00	0.32644E+00
46	-0.55012E-02	0.73355E-01	0.70513E+00	-0.17702E+00	0.38004E+00	0.53079E+00
47	0.72963E-01	0.74792E-02	0.45050E+00	-0.20530E+00	0.22044E+00	-0.28049E-01
48	0.17609E+00	0.73977E-01	0.50795E+00	-0.19751E+00	0.56804E-01	-0.50429E-01
49	0.23196E-01	-0.26325E-02	0.47617E+00	-0.17564E+00	0.36948E+00	-0.19139E+00
50	0.22813E+00	0.14176E+00	0.70018E+00	-0.14361E+00	0.80215E+00	0.18050E+00
51	0.31351E+00	0.29976E+00	0.62571E+00	-0.17888E-02	0.66634E-01	0.11927E-01
52	0.20759E+00	0.17536E+00	0.60376E+00	-0.87985E-01	0.48474E+00	0.19808E+01
53	0.14881E-01	0.76562E-01	0.77730E+00	-0.17005E+00	0.58934E+00	0.32105E+00
54	0.82817E-01	0.17001E+00	0.25408E+00	-0.30747E+00	0.89566E-01	0.11664E+01

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55	0.13777E-01	0.11848E+00	0.49438E+00	-0.23295E+00	0.24025E+00	0.10219E+01
56	-0.20904E+00	0.63960E-01	0.10955E+01	-0.26870E+00	0.66210E+00	0.89131E+00
57	-0.50085E-01	0.44379E-01	0.83239E+00	-0.22615E+00	0.47574E+00	0.71691E+00
58	-0.39024E-01	0.29340E-01	0.94334E+00	-0.19451E+00	0.56788E+00	0.57008E+00
59	0.17089E+00	0.18085E+00	0.24637E+00	-0.35458E+00	-0.37740E-01	0.14074E+01
60	0.51451E-01	0.14465E+00	0.30376E+00	-0.43316E+00	0.12925E+00	0.17569E+01
61	0.72663E-01	0.16935E+00	0.34555E+00	-0.43147E+00	0.11954E+00	0.17571E+01
62	0.13315E+00	0.18249E+00	0.37538E+00	-0.51018E+00	-0.46116E-01	0.21043E+01
63	0.53211E-01	0.98332E-01	0.56148E+00	-0.35347E+00	0.14518E+00	0.13960E+01
64	0.65601E-01	0.74925E-01	0.58252E+00	-0.43748E+00	0.11428E+00	0.17436E+01
65	-0.16576E+00	0.47619E-01	0.12169E+01	-0.26795E+00	0.39513E+00	0.11155E+01
66	-0.18636E+00	0.48348E-01	0.13191E+01	-0.32112E+00	0.40609E+00	0.12508E+01
67	-0.94816E-01	-0.12774E-01	0.13156E+01	-0.41501E+00	0.27482E+00	0.15913E+01
68	-0.51792E-01	0.37535E-01	0.97212E+00	-0.22144E+00	0.33042E+00	0.90239E+00
69	-0.25244E-01	-0.42591E-01	0.92863E+00	-0.27832E+00	0.20783E+00	0.12260E+01
70	-0.22891E-01	-0.75560E-02	0.10115E+01	-0.31870E+00	0.17860E+00	0.12166E+01
71	-0.83194E-01	-0.41792E-01	0.10485E+01	-0.19270E+00	0.32557E+00	0.82236E+00
72	-0.25345E-01	-0.47864E-01	0.11032E+01	-0.22352E+00	0.15923E+00	0.96669E+00
73	0.57928E-01	0.11176E+00	0.22262E+00	-0.69069E+00	-0.11778E-01	0.23942E+01
74	0.53546E-01	0.12816E+00	0.51582E+00	-0.59095E+00	-0.45759E-01	0.20687E+01
75	-0.12254E+00	0.11314E+00	0.11303E+01	-0.44648E+00	-0.15972E+00	0.15834E+01
76	0.25453E-01	-0.87830E-02	0.96011E+00	-0.27355E+00	-0.15944E+00	0.12126E+01
77	0.17875E-01	0.41658E-01	0.82220E+00	-0.33026E+00	-0.12195E+00	0.12951E+01
78	0.29998E+00	0.54860E+00	0.10715E+01	-0.34567E+00	-0.17625E+00	0.90179E+00
79	0.29243E-01	-0.19832E-01	0.10099E+01	-0.21577E+00	-0.19575E+00	0.92043E+00
80	0.17351E+00	0.70820E-01	0.97287E+00	-0.21053E+00	-0.36865E+00	0.82619E+00
81	-0.18054E-01	0.29479E-01	0.79556E+00	-0.13978E+00	-0.19728E+00	0.49024E+00
82	0.21395E+00	0.49323E+00	0.10209E+01	-0.14369E+00	-0.25618E+00	0.28005E+00
83	0.16844E+00	0.41938E-01	0.99906E+00	-0.11074E+00	-0.37928E+00	0.46062E+00
84	0.47546E-01	-0.24295E-01	0.10336E+01	-0.16606E+00	-0.24490E+00	0.58077E+00
85	0.45670E-01	0.20393E-01	0.11954E+01	-0.93841E-01	-0.24885E+00	0.52421E+00
86	0.44174E-01	-0.19266E-01	0.12313E+01	-0.88557E-02	-0.26756E+00	0.27613E+00
87	-0.90519E-01	-0.17762E+00	0.11275E+01	-0.15669E+00	0.14219E+00	0.84111E+00
88	-0.86711E-01	-0.42354E-01	0.11655E+01	-0.13008E+00	0.33745E+00	0.52973E+00
89	-0.83257E-01	-0.45835E-01	0.12163E+01	-0.70153E-01	0.33177E+00	0.37011E+00
90	-0.78334E-01	-0.54733E-01	0.12651E+01	-0.92708E-01	0.29649E+00	0.26696E+00
91	-0.13379E+00	-0.67164E-01	0.12275E+01	-0.28969E-01	0.32932E+00	0.14393E+00
92	-0.11194E+00	-0.37123E-01	0.12523E+01	0.23761E-01	0.32788E+00	-0.16593E-01
93	0.23329E-01	0.64658E-01	0.79234E+00	-0.11224E+00	0.67048E+00	0.30154E+00
94	-0.60514E-01	-0.34391E-03	0.85307E+00	-0.16792E+00	0.64784E+00	0.35756E+00
95	-0.97876E-02	0.88595E-01	0.88644E+00	-0.13642E+00	0.73203E+00	0.20176E+00
96	0.13273E-01	0.36557E-01	0.10653E+01	-0.13642E+00	0.62335E+00	0.43010E+00
97	-0.77605E-03	0.92086E-01	0.90548E+00	-0.93168E-01	0.72702E+00	0.14312E+00
98	-0.22641E-01	0.43915E-02	0.10420E+01	-0.14693E+00	0.70367E+00	0.23973E+00
99	-0.82376E-02	-0.41340E-01	0.11525E+01	-0.12243E+00	0.60320E+00	0.36804E+00
100	0.24850E-01	0.54307E-01	0.11015E+01	-0.10752E+00	0.70075E+00	0.11507E+00
101	0.59015E-02	0.71767E-01	0.10273E+01	-0.98797E-01	0.73143E+00	0.30926E-01
102	0.30692E-01	0.10619E-01	0.11332E+01	-0.31444E-01	0.65965E+00	-0.23662E-01
103	0.12284E+00	0.75998E-01	0.10387E+01	-0.11830E+00	0.73453E+00	-0.48796E-01
104	0.53132E-01	-0.18329E-01	0.95872E+00	-0.51193E-01	0.73965E+00	-0.12444E+00
105	0.16154E+00	0.12997E+00	0.78944E+00	-0.81560E-01	0.72374E+00	0.36604E+00
106	0.27398E+00	0.30263E+00	0.70291E+00	-0.77759E-02	0.68103E+00	0.77317E-01
107	0.19332E+00	0.17181E+00	0.66420E+00	-0.62256E-01	0.68442E+00	0.29663E+00
108	0.13342E+00	0.17004E+00	0.68424E+00	-0.66557E-01	0.70240E+00	0.28194E+00
109	0.23330E+00	0.28639E+00	0.71633E+00	-0.20922E-01	0.72872E+00	0.78135E-01
110	0.16610E+00	0.15112E+00	0.70078E+00	-0.42927E-01	0.73106E+00	0.23260E+00
111	0.22397E+00	0.28731E+00	0.72687E+00	-0.44442E-01	0.78670E+00	0.65247E-01
112	0.22177E+00	0.28312E+00	0.72557E+00	-0.51929E-01	0.78625E+00	0.61467E-01
113	0.13759E+00	0.88594E-01	0.73906E+00	-0.87051E-01	0.76369E+00	0.19635E+00
114	0.17663E+00	0.25590E+00	0.70512E+00	-0.66279E-01	0.82835E+00	0.58277E-01

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115	0.17393E+00	0.25125E+00	0.70298E+00	-0.72577E-01	0.82806E+00	0.51900E-01
116	0.14783E+00	0.94104E-01	0.76186E+00	-0.68342E-01	0.80156E+00	0.13906E+00
117	0.21919E+00	0.27951E+00	0.74229E+00	-0.90650E-01	0.86842E+00	0.46010E-01
118	0.21741E+00	0.27655E+00	0.74081E+00	-0.86422E-01	0.86828E+00	0.37239E-01
119	0.17372E+00	0.96295E-01	0.78658E+00	-0.88165E-01	0.82914E+00	0.80047E-01
120	0.25421E+00	0.29962E+00	0.76922E+00	-0.11274E+00	0.88780E+00	0.30720E-01
121	0.25379E+00	0.29960E+00	0.76827E+00	-0.11492E+00	0.88810E+00	0.21412E-01
122	0.16740E+00	0.30131E-01	0.76174E+00	-0.10136E+00	0.83638E+00	0.18653E-01
123	0.34341E+00	0.35535E+00	0.82539E+00	-0.15107E+00	0.88586E+00	0.15146E-01
124	0.34434E+00	0.35837E+00	0.82420E+00	-0.16444E+00	0.88692E+00	0.58092E-02
125	0.19597E+00	-0.11224E-01	0.74747E+00	-0.14608E+00	0.81974E+00	-0.65653E-01
126	0.45693E+00	0.42999E+00	0.88591E+00	-0.21279E+00	0.85266E+00	0.99314E-03
127	0.45595E+00	0.43115E+00	0.88227E+00	-0.21157E+00	0.85399E+00	-0.57148E-02
128	0.44503E+00	0.22592E+00	0.85554E+00	-0.18039E+00	0.79536E+00	-0.83229E-01
129	0.84347E+00	0.69310E+00	0.11173E+01	-0.29091E+00	0.77779E+00	-0.82382E-02
183	0.11659E+00	0.11507E+00	0.74500E+00	-0.15181E+00	0.76300E+00	0.18046E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.56916E-01	0.37944E+00	-0.32252E+00	-0.85706E+01	0.18139E+02	0.51883E+01
131	0.48403E-02	0.32269E-01	-0.27428E-01	-0.91678E+01	0.34762E+02	0.20510E+02
132	0.72726E-02	0.48484E-01	-0.41212E-01	-0.13760E+02	0.56016E+02	0.33539E+02
133	0.45201E-02	0.30136E-01	-0.25614E-01	-0.18302E+02	0.77284E+02	0.46354E+02
134	0.53544E-02	0.35696E-01	-0.30342E-01	-0.22282E+02	0.98435E+02	0.58397E+02
135	0.78844E-02	0.52563E-01	-0.44678E-01	-0.25019E+02	0.11330E+03	0.66512E+02
136	0.73335E-02	0.52223E-01	-0.44390E-01	-0.26404E+02	0.12090E+03	0.69521E+02
137	0.92882E-02	0.61921E-01	-0.52633E-01	-0.27520E+02	0.12611E+03	0.72043E+02
138	0.43623E-01	0.29082E+00	-0.67290E-01	-0.24035E+02	0.19733E+03	0.74496E+02
139	0.72204E-01	0.48136E+00	0.28911E+00	-0.20556E+02	0.33620E+03	0.81777E+02
140	-0.18676E+00	-0.12451E+01	0.10583E+01	-0.22313E+02	0.40721E+03	0.88603E+02
141	-0.17483E+00	-0.11655E+01	0.99071E+00	-0.17457E+02	0.41097E+03	0.94433E+02
142	-0.18684E+00	-0.12456E+01	0.10583E+01	-0.13080E+02	0.41374E+03	0.95295E+02
143	-0.19171E+00	-0.12781E+01	0.10863E+01	0.46016E+00	0.41680E+03	0.88703E+02
144	-0.22439E+00	-0.14960E+01	0.12716E+01	0.57331E+01	0.42016E+03	0.97669E+02
145	0.78629E+00	0.52419E+01	0.17309E+00	-0.16774E+02	0.32690E+03	-0.12686E+02
146	0.31490E+00	0.20994E+01	-0.37507E+00	-0.20293E+02	0.23994E+03	-0.60524E+02
147	0.31571E+00	0.21048E+01	-0.32953E+00	-0.16338E+02	0.24116E+03	-0.54949E+02
148	0.31681E+00	0.21121E+01	-0.26013E+00	-0.17465E+02	0.24184E+03	-0.55831E+02
149	0.31832E+00	0.21221E+01	-0.29017E+00	-0.23499E+02	0.24210E+03	-0.60897E+02
150	0.35527E+00	0.23694E+01	-0.26071E+00	-0.18180E+02	0.25283E+03	-0.54519E+02
151	0.42687E+00	0.28455E+01	-0.23374E-01	-0.26304E+02	0.28299E+03	-0.57939E+02
152	0.42908E+00	0.28606E+01	0.21086E+00	-0.28188E+02	0.28419E+03	-0.54868E+02
153	0.43107E+00	0.28738E+01	0.12094E+00	-0.28733E+02	0.28544E+03	-0.50639E+02
154	0.43249E+00	0.28832E+01	0.34929E+00	-0.30630E+02	0.28611E+03	-0.45392E+02
155	0.43349E+00	0.28900E+01	0.12688E+00	-0.34739E+02	0.28617E+03	-0.38013E+02
156	0.43420E+00	0.28947E+01	0.10301E+00	-0.35911E+02	0.28647E+03	-0.30754E+02
157	0.43408E+00	0.28939E+01	0.47764E-01	-0.38226E+02	0.28604E+03	-0.22665E+02
158	0.43260E+00	0.28840E+01	0.19657E+00	-0.37963E+02	0.28509E+03	-0.14944E+02
159	0.42967E+00	0.28644E+01	0.16229E+00	-0.40495E+02	0.28274E+03	-0.65626E+01
160	0.42443E+00	0.28295E+01	0.60440E+00	-0.38292E+02	0.27955E+03	0.11789E+01
161	0.45979E+00	0.30653E+01	0.71456E+00	-0.39300E+02	0.28355E+03	0.90347E+01
162	0.46091E+00	0.30727E+01	0.76618E+00	-0.35972E+02	0.26690E+03	0.14125E+02
163	0.52265E+00	0.34843E+01	0.14360E+01	-0.26430E+02	0.30481E+03	0.15859E+02
164	0.50610E+00	0.33873E+01	0.13756E+01	-0.41166E+02	0.29400E+03	0.23500E+02

165	0.31220E+03	0.44143E+02	0.28616E+01	0.21131E+02	0.29784E+03	0.24373E+02
166	0.25674E+03	0.33163E+02	0.56182E+01	0.16667E+02	0.27586E+03	0.20689E+02
167	0.20499E+03	0.24777E+02	0.59962E+01	0.13940E+02	0.23462E+03	0.17636E+02
168	0.15733E+03	0.18202E+02	0.54678E+01	0.11216E+02	0.19242E+03	0.15020E+02
169	0.10017E+03	0.88161E+01	0.61841E+01	0.86317E+01	0.16302E+03	0.12061E+02
170	0.42896E+02	-0.16863E+01	0.79923E+01	0.56991E+01	0.14252E+03	0.87013E+01
171	-0.14541E+02	-0.11556E+02	0.90150E+01	0.17780E+01	0.10549E+03	0.41636E+01
172	-0.49095E+02	-0.16053E+02	0.81757E+01	-0.22367E+01	0.57082E+02	-0.36726E+00
173	-0.49591E+02	-0.12979E+02	0.50784E+01	-0.45593E+01	0.16432E+02	-0.29674E+01
174	-0.27926E+02	-0.61882E+01	0.17196E+01	-0.52456E+01	-0.11331E+02	-0.37165E+01
175	-0.63595E+01	-0.84497E+00	-0.17663E+00	-0.40073E+01	-0.14533E+02	-0.27238E+01
176	0.88348E+00	0.41281E+00	-0.29513E+00	-0.27579E+01	-0.85123E+01	-0.16455E+01
177	0.87619E+00	0.21340E+00	-0.98566E-01	-0.19642E+01	-0.48715E+01	-0.10574E+01
178	0.81879E-01	0.33821E-01	-0.33746E-01	-0.14140E+01	-0.30506E+01	-0.75750E+00
179	0.74742E-01	0.20259E-01	-0.19034E-01	-0.10012E+01	-0.21332E+01	-0.51774E+00
180	-0.14153E-01	-0.15644E-01	0.70308E-02	-0.61936E+00	-0.12898E+01	-0.30764E+00
181	-0.38591E-02	0.20532E-01	-0.21980E-01	-0.21866E+00	-0.61223E+00	-0.71747E-01
182	-0.23070E-01	-0.10727E-01	0.63146E-02	0.27237E-01	0.21485E+00	0.48047E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.7900E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.43611E-01	-0.19048E-04	-0.44379E-01	0.00000E+00
3	0.82938E-01	0.18159E-03	-0.82898E-01	0.00000E+00
4	0.93383E-01	0.15137E-03	-0.92780E-01	0.00000E+00
5	0.10730E+00	-0.52440E-04	-0.10774E+00	0.00000E+00
6	0.11815E+00	0.13417E-04	-0.11815E+00	0.00000E+00
7	0.10794E+00	0.10902E-02	-0.10823E+00	0.00000E+00
8	0.11651E+00	0.10074E-02	-0.11872E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.43468E-01	0.54464E-03	-0.43639E-01	0.00000E+00
11	0.82424E-01	0.13130E-02	-0.82966E-01	0.00000E+00
12	0.92953E-01	0.16386E-02	-0.93671E-01	0.00000E+00
13	0.10825E+00	0.17159E-02	-0.10904E+00	0.00000E+00
14	0.11928E+00	0.15574E-02	-0.12027E+00	0.00000E+00
15	0.10907E+00	0.29004E-02	-0.11132E+00	0.00000E+00
16	0.12057E+00	0.26419E-02	-0.12286E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.42687E-01	0.10223E-02	-0.44536E-01	0.00000E+00
19	0.82128E-01	0.26292E-02	-0.85271E-01	0.00000E+00
20	0.93374E-01	0.33377E-02	-0.96745E-01	0.00000E+00
21	0.10995E+00	0.35440E-02	-0.11375E+00	0.00000E+00
22	0.12242E+00	0.34064E-02	-0.12660E+00	0.00000E+00
23	0.11119E+00	0.49140E-02	-0.11729E+00	0.00000E+00
24	0.12492E+00	0.45227E-02	-0.13162E+00	0.00000E+00
25	0.12640E+00	0.56150E-02	-0.13468E+00	0.00000E+00
26	0.12723E+00	0.59223E-02	-0.13647E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.41543E-01	0.99869E-03	-0.45183E-01	0.00000E+00
29	0.80997E-01	0.30535E-02	-0.87396E-01	0.00000E+00
30	0.93145E-01	0.42757E-02	-0.10011E+00	0.00000E+00
31	0.11171E+00	0.56107E-02	-0.12049E+00	0.00000E+00
32	0.12516E+00	0.61445E-02	-0.13837E+00	0.00000E+00
33	0.11170E+00	0.57650E-02	-0.12136E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.41187E-01	0.77868E-03	-0.45184E-01	0.00000E+00
36	0.80477E-01	0.25116E-02	-0.87539E-01	0.00000E+00
37	0.92694E-01	0.36237E-02	-0.10029E+00	0.00000E+00
38	0.11168E+00	0.52016E-02	-0.12178E+00	0.00000E+00
39	0.12934E+00	0.64488E-02	-0.14139E+00	0.00000E+00
40	0.12910E+00	0.64328E-02	-0.14073E+00	0.00000E+00
41	0.12886E+00	0.64161E-02	-0.14010E+00	0.00000E+00
42	0.12860E+00	0.63834E-02	-0.13935E+00	0.00000E+00
43	0.91819E-01	0.22454E-02	-0.99239E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.40042E-01	0.91010E-04	-0.44156E-01	0.00000E+00
46	0.78660E-01	0.97741E-03	-0.85341E-01	0.00000E+00
47	0.12940E+00	0.64486E-02	-0.14162E+00	0.00000E+00
48	0.12941E+00	0.64494E-02	-0.14161E+00	0.00000E+00
49	0.11132E+00	0.50061E-02	-0.12174E+00	0.00000E+00
50	0.12949E+00	0.65089E-02	-0.14198E+00	0.00000E+00
51	0.11036E+00	0.36012E-02	-0.11884E+00	0.00000E+00
52	0.12691E+00	0.65385E-02	-0.13599E+00	0.00000E+00
53	0.12937E+00	0.64248E-02	-0.14169E+00	0.00000E+00
54	0.90365E-01	0.18218E-02	-0.97415E-01	0.00000E+00
55	0.10836E+00	0.33305E-02	-0.11612E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.35855E-01	-0.65512E-03	-0.42348E-01	0.00000E+00
58	0.76117E-01	0.11537E-03	-0.81917E-01	0.00000E+00
59	0.12320E+00	0.52915E-02	-0.13145E+00	0.00000E+00
60	0.12581E+00	0.61515E-02	-0.13438E+00	0.00000E+00
61	0.12951E+00	0.65434E-02	-0.14223E+00	0.00000E+00
62	0.87454E-01	0.50800E-03	-0.93615E-01	0.00000E+00
63	0.10399E+00	0.16769E-02	-0.11070E+00	0.00000E+00
64	0.12771E+00	0.56570E-02	-0.13712E+00	0.00000E+00
65	0.12954E+00	0.65861E-02	-0.14246E+00	0.00000E+00
66	0.12972E+00	0.66609E-02	-0.14294E+00	0.00000E+00
67	0.12990E+00	0.67361E-02	-0.14343E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.37930E-01	-0.86764E-03	-0.39794E-01	0.00000E+00
70	0.73321E-01	-0.12305E-02	-0.76878E-01	0.00000E+00
71	0.11331E+00	0.30435E-02	-0.12588E+00	0.00000E+00
72	0.12511E+00	0.57625E-02	-0.13694E+00	0.00000E+00
73	0.99721E-01	-0.17999E-03	-0.10367E+00	0.00000E+00
74	0.13211E+00	0.73146E-02	-0.14126E+00	0.00000E+00
75	0.13006E+00	0.67966E-02	-0.14388E+00	0.00000E+00
76	0.13105E+00	0.69078E-02	-0.14469E+00	0.00000E+00
77	0.11330E+00	0.12418E-02	-0.11679E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.37290E-01	-0.14438E-03	-0.37861E-01	0.00000E+00
80	0.70753E-01	-0.22129E-02	-0.71524E-01	0.00000E+00
81	0.80216E-01	-0.24693E-02	-0.80946E-01	0.00000E+00
82	0.94421E-01	-0.16135E-02	-0.94291E-01	0.00000E+00
83	0.13201E+00	0.50928E-02	-0.13930E+00	0.00000E+00
84	0.12094E+00	0.18280E-02	-0.12017E+00	0.00000E+00
85	0.13314E+00	0.70540E-02	-0.14575E+00	0.00000E+00
86	0.13666E+00	0.76540E-02	-0.14600E+00	0.00000E+00
87	0.10717E+00	-0.49864E-03	-0.10628E+00	0.00000E+00
88	0.13536E+00	0.65297E-02	-0.14304E+00	0.00000E+00
89	0.13501E+00	0.71842E-02	-0.14677E+00	0.00000E+00
90	0.84262E-01	-0.12402E-02	-0.74235E-01	0.00000E+00
91	0.91770E-01	-0.16748E-03	-0.79631E-01	0.00000E+00
92	0.96588E-01	0.86857E-03	-0.82633E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.32971E-01	0.00000E+00	-0.24163E-01	0.00000E+00
95	0.60925E-01	0.00000E+00	-0.44936E-01	0.00000E+00
96	0.67752E-01	0.00000E+00	-0.49911E-01	0.00000E+00
97	0.76264E-01	0.00000E+00	-0.55818E-01	0.00000E+00
98	0.79968E-01	0.00000E+00	-0.57945E-01	0.00000E+00
99	0.84638E-01	-0.25969E-03	-0.68600E-01	0.00000E+00
100	0.10295E+00	0.13568E-02	-0.90404E-01	0.00000E+00
101	0.13233E+00	0.49562E-02	-0.17765E+00	0.00000E+00
102	0.13994E+00	0.73489E-02	-0.14824E+00	0.00000E+00
103	0.13959E+00	0.65576E-02	-0.14634E+00	0.00000E+00
104	0.14412E+00	0.82754E-02	-0.15192E+00	0.00000E+00
105	0.14402E+00	0.75033E-02	-0.14956E+00	0.00000E+00
106	0.14481E+00	0.79849E-02	-0.15074E+00	0.00000E+00
107	0.14980E+00	0.90411E-02	-0.15604E+00	0.00000E+00
108	0.14752E+00	0.76192E-02	-0.15075E+00	0.00000E+00
109	0.15034E+00	0.77176E-02	-0.15175E+00	0.00000E+00
110	0.15165E+00	0.10363E-01	-0.15487E+00	0.00000E+00
111	0.15402E+00	0.99429E-02	-0.15866E+00	0.00000E+00
112	0.15270E+00	0.77902E-02	-0.15257E+00	0.00000E+00
113	0.15355E+00	0.10377E-01	-0.15686E+00	0.00000E+00
114	0.15438E+00	0.73334E-02	-0.15316E+00	0.00000E+00
115	0.15540E+00	0.79592E-02	-0.15355E+00	0.00000E+00
116	0.15618E+00	0.78704E-02	-0.15368E+00	0.00000E+00

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117	0.15572E+00	0.10419E-01	-0.15959E+00	0.00000E+00
118	0.15621E+00	0.78727E-02	-0.15366E+00	0.00000E+00
119	0.15620E+00	0.73565E-02	-0.15351E+00	0.00000E+00
120	0.15642E+00	0.10918E-01	-0.15946E+00	0.00000E+00
121	0.15609E+00	0.78290E-02	-0.15324E+00	0.00000E+00
122	0.15609E+00	0.78029E-02	-0.15328E+00	0.62823E-05
123	0.15607E+00	0.77471E-02	-0.15329E+00	0.11421E-04
124	0.15604E+00	0.76566E-02	-0.15331E+00	0.17738E-04
125	0.15598E+00	0.75214E-02	-0.15333E+00	0.26048E-04
126	0.15583E+00	0.71884E-02	-0.15335E+00	0.38484E-04
127	0.15563E+00	0.67621E-02	-0.15338E+00	0.45026E-04
128	0.15519E+00	0.57357E-02	-0.15342E+00	0.45215E-04
129	0.15481E+00	0.48121E-02	-0.15347E+00	0.37495E-04
130	0.15450E+00	0.39857E-02	-0.15351E+00	0.25964E-04
131	0.15429E+00	0.32903E-02	-0.15360E+00	0.67336E-05
132	0.15429E+00	0.31948E-02	-0.15369E+00	-0.14998E-05
133	0.15433E+00	0.32346E-02	-0.15379E+00	0.76270E-06
134	0.15429E+00	0.29454E-02	-0.15388E+00	0.10362E-04
135	0.15419E+00	0.22324E-02	-0.15396E+00	0.16889E-04
136	0.15412E+00	0.14859E-02	-0.15401E+00	0.14638E-04
137	0.15408E+00	0.81151E-03	-0.15405E+00	0.14621E-04
138	0.15406E+00	0.11496E-03	-0.15406E+00	0.13688E-04
139	0.15406E+00	0.14725E-04	-0.15406E+00	0.14683E-04

603

5822

000607

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.7900E+01

604

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.47609E-01	0.27531E-01	-0.10340E+00	0.53430E+01	0.64135E-01	-0.53989E+01
2	-0.13752E+00	0.34915E-01	-0.18970E+00	0.48518E+01	0.79793E-01	-0.48344E+01
3	-0.24666E+00	0.17120E-01	-0.16150E+00	0.40352E+01	-0.29868E-01	-0.40260E+01
4	0.23546E+00	0.94135E-01	0.32416E+00	0.33308E+01	-0.15673E+00	-0.34573E+01
5	-0.16467E+00	-0.47195E-02	-0.13564E+00	0.33336E+01	-0.56136E-01	-0.34239E+01
6	0.14387E+00	0.65287E-01	-0.97934E-01	0.34270E+01	-0.82168E-01	-0.34904E+01
7	0.96323E-01	-0.71843E-03	-0.73120E-01	0.25373E+01	-0.56690E-01	-0.25272E+01
8	0.24959E+00	0.22005E-01	-0.83739E-01	0.25358E+01	-0.14413E+00	-0.25994E+01
9	0.10104E+00	0.35227E+00	0.10932E+00	0.52333E+01	-0.85717E-02	-0.54084E+01
10	0.43151E-01	0.41577E+00	-0.19791E-01	0.48595E+01	-0.49706E-01	-0.49629E+01
11	0.20901E-01	0.36095E+00	-0.39408E+00	0.42224E+01	-0.21301E+00	-0.42933E+01
12	0.56769E+00	0.30489E+00	0.77237E-01	0.35279E+01	-0.31532E+00	-0.34913E+01
13	0.76327E-01	0.17893E+00	-0.25420E+00	0.35996E+01	-0.15030E+00	-0.36497E+01
14	0.51421E+00	0.28561E+00	-0.11312E+00	0.37076E+01	-0.28279E+00	-0.38442E+01
15	0.54260E+00	0.90987E-01	-0.66454E-01	0.27207E+01	-0.32627E+00	-0.27124E+01
16	0.65930E+00	0.76295E-01	-0.15783E+00	0.28137E+01	-0.39436E+00	-0.28944E+01
17	0.68295E-01	0.40151E+00	0.70833E-01	0.51465E+01	0.17467E-01	-0.54982E+01
18	-0.77272E-01	0.54165E+00	-0.13486E+00	0.48305E+01	0.10114E-01	-0.51277E+01
19	-0.28226E+00	0.63072E+00	-0.68299E+00	0.43915E+01	-0.11088E+00	-0.46376E+01
20	0.78716E+00	0.42811E+00	-0.29324E-01	0.38388E+01	-0.45565E+00	-0.38474E+01
21	0.52714E-01	0.57619E+00	-0.30143E+00	0.39685E+01	-0.10232E+00	-0.42422E+01
22	0.77515E+00	0.11726E+01	0.13153E+00	0.41442E+01	-0.33022E+00	-0.45711E+01
23	0.95146E+00	0.15890E+00	-0.13930E+00	0.31604E+01	-0.56512E+00	-0.32104E+01
24	0.13779E+01	0.63209E+00	0.31629E+00	0.34704E+01	-0.85816E+00	-0.33872E+01
25	0.94395E+00	0.58323E+00	-0.12287E+00	0.35629E+01	-0.53486E+00	-0.38021E+01
26	0.29457E+01	0.19219E+01	0.11715E+01	0.38396E+01	-0.10100E+01	-0.41370E+01
27	-0.42700E-02	0.29799E+00	-0.11171E-01	0.50294E+01	0.45836E-01	-0.55331E+01
28	-0.20973E+00	0.46244E+00	-0.25437E+00	0.47210E+01	0.10978E+00	-0.52122E+01
29	-0.67633E+00	0.64377E+00	-0.88670E+00	0.41814E+01	0.26062E+00	-0.48313E+01
30	0.14881E+00	0.73130E+00	-0.34533E+00	0.41054E+01	-0.22400E+00	-0.45679E+01
31	-0.97095E-01	0.95061E+00	-0.30120E+00	0.38878E+01	0.17922E+00	-0.47130E+01
32	0.26646E+00	0.93283E+00	-0.20241E+00	0.37793E+01	0.56482E-02	-0.47887E+01
33	0.22579E+01	0.16177E+01	0.74104E+00	0.40219E+01	-0.72516E+00	-0.43749E+01
34	0.52332E+01	0.36086E+01	0.23911E+01	0.41923E+01	-0.12579E+01	-0.46879E+01
35	0.10857E+01	0.83927E+00	-0.34751E-01	0.41505E+01	-0.44265E+00	-0.46854E+01
36	-0.34360E+00	0.14625E+00	-0.89094E+00	0.38581E+01	0.44882E-01	-0.47739E+01
37	0.16463E+01	0.16836E+01	0.47339E+00	0.42702E+01	-0.47216E+00	-0.48865E+01
38	-0.18791E+00	-0.13643E-02	-0.18753E+00	0.49399E+01	0.75922E-01	-0.54639E+01
39	-0.41284E+00	0.11487E+00	-0.42048E+00	0.46832E+01	0.22056E+00	-0.51267E+01
40	-0.72623E+00	0.57959E+00	-0.87566E+00	0.40932E+01	0.61458E+00	-0.47971E+01
41	-0.10325E+01	-0.15596E+00	-0.10790E+01	0.42768E+01	0.58577E+00	-0.47683E+01
42	-0.13427E+01	0.91511E-01	-0.10356E+01	0.41731E+01	0.76513E+00	-0.44875E+01
43	-0.47141E+00	0.41677E+00	-0.66135E+00	0.33545E+01	0.37234E+00	-0.47832E+01
44	-0.10367E+01	0.69309E-02	-0.10023E+01	0.37628E+01	0.73732E+00	-0.43352E+01
45	-0.14979E+01	-0.25299E+00	-0.11909E+01	0.39734E+01	0.62583E+00	-0.43152E+01
46	-0.76750E+00	0.36787E+00	-0.50103E+00	0.38331E+01	0.45963E+00	-0.41053E+01
47	0.42375E+00	0.94003E+00	-0.29289E+00	0.40526E+01	0.41430E-02	-0.49178E+01
48	-0.63963E-01	0.70429E+00	-0.60620E+00	0.42784E+01	0.25869E+00	-0.49463E+01
49	-0.45044E+00	0.71003E+00	-0.66896E+00	0.41547E+01	0.60975E+00	-0.50963E+01
50	-0.33115E+01	-0.73029E+00	-0.24939E+01	0.35447E+01	0.18590E+01	-0.38495E+01
51	-0.10255E+01	-0.69362E+00	-0.16114E+01	0.16610E+00	0.28066E+00	-0.99079E+00
52	-0.22421E+01	-0.11865E+01	-0.21992E+01	-0.10970E+01	0.97964E+00	0.24147E+01
53	-0.13749E+01	0.54155E+00	-0.83175E+00	0.32440E+01	0.72606E+00	-0.35383E+01
54	-0.51197E+00	-0.49153E+00	-0.48367E+00	0.47948E+01	0.95684E-01	-0.52843E+01

000608

5622

55	-0.73064E+00	-0.25690E+00	-0.61227E+00	0.45789E+01	0.26944E+00	-0.49371E+01
56	-0.13574E+01	-0.10390E+00	-0.95441E+00	0.40647E+01	0.72824E+00	-0.43845E+01
57	-0.12440E+01	-0.30780E-01	-0.86350E+00	0.36141E+01	0.52581E+00	-0.39109E+01
58	-0.13844E+01	0.97497E-01	-0.89527E+00	0.30429E+01	0.61188E+00	-0.33663E+01
59	-0.37220E+00	-0.52770E+00	-0.40281E+00	0.47489E+01	0.15303E-01	-0.51731E+01
60	-0.91977E+00	-0.99619E+00	-0.82839E+00	0.46189E+01	0.20949E+00	-0.48574E+01
61	-0.74188E+00	-0.86013E+00	-0.66613E+00	0.45936E+01	0.15078E+00	-0.48551E+01
62	-0.71393E+00	-0.10659E+01	-0.71797E+00	0.45577E+01	0.20183E-02	-0.46223E+01
63	-0.91135E+00	-0.54098E+00	-0.73237E+00	0.43321E+01	0.32538E+00	-0.46760E+01
64	-0.10548E+01	-0.95825E+00	-0.85663E+00	0.41509E+01	0.28555E+00	-0.43078E+01
65	-0.14232E+01	-0.31515E+00	-0.87499E+00	0.39594E+01	0.87504E+00	-0.42838E+01
66	-0.18430E+01	-0.59824E+00	-0.94498E+00	0.36366E+01	0.10108E+01	-0.37893E+01
67	-0.15105E+01	-0.94666E+00	-0.83003E+00	0.33238E+01	0.82103E+00	-0.34130E+01
68	-0.15535E+01	-0.30755E+00	-0.98827E+00	0.34212E+01	0.69664E+00	-0.37123E+01
69	-0.13884E+01	-0.41417E+00	-0.86138E+00	0.33130E+01	0.59911E+00	-0.35406E+01
70	-0.20903E+01	-0.80072E+00	-0.12096E+01	0.29535E+01	0.83161E+00	-0.28736E+01
71	-0.16533E+01	-0.20190E+00	-0.96604E+00	0.29194E+01	0.77881E+00	-0.30883E+01
72	-0.19566E+01	-0.41588E+00	-0.10067E+01	0.27150E+01	0.88221E+00	-0.27175E+01
73	-0.52515E+00	-0.62243E+00	-0.41330E+00	0.43070E+01	0.10923E+00	-0.37875E+01
74	-0.78027E+00	-0.61482E+00	-0.42779E+00	0.37871E+01	0.32277E+00	-0.33194E+01
75	-0.13089E+01	-0.58540E+00	-0.23492E+00	0.30713E+01	0.92820E+00	-0.26208E+01
76	-0.17618E+01	-0.51055E+00	-0.81259E+00	0.30939E+01	0.83467E+00	-0.28720E+01
77	-0.12859E+01	-0.74823E+00	-0.57627E+00	0.22805E+01	0.58765E+00	-0.18966E+01
78	-0.15519E+01	-0.65872E+00	-0.59487E+00	0.18980E+01	0.66616E+00	-0.12766E+01
79	-0.21308E+01	-0.54939E+00	-0.90155E+00	0.22096E+01	0.95111E+00	-0.18745E+01
80	-0.25708E+01	-0.78515E+00	-0.10191E+01	0.16182E+01	0.90593E+00	-0.11641E+01
81	-0.12072E+01	-0.34067E+00	-0.25124E+00	0.94620E+00	0.66668E+00	-0.64231E+00
82	-0.16615E+01	-0.90074E+00	-0.59039E+00	0.82380E+00	0.71268E+00	-0.46025E+00
83	-0.23018E+01	-0.40544E+00	-0.72635E+00	0.13299E+01	0.89406E+00	-0.83522E+00
84	-0.26060E+01	-0.59450E+00	-0.10027E+01	0.15069E+01	0.10853E+01	-0.96936E+00
85	-0.29450E+01	-0.46305E+00	-0.12132E+01	0.19956E+01	0.12900E+01	-0.16450E+01
86	-0.29040E+01	-0.43209E+00	-0.11415E+01	0.15203E+01	0.12746E+01	-0.10447E+01
87	-0.19065E+01	-0.17626E+00	-0.85244E+00	0.20789E+01	0.91834E+00	-0.19743E+01
88	-0.19747E+01	-0.16364E+00	-0.10305E+01	0.22139E+01	0.97042E+00	-0.23032E+01
89	-0.21529E+01	-0.20097E+00	-0.11266E+01	0.18814E+01	0.10674E+01	-0.19745E+01
90	-0.23967E+01	-0.19372E+00	-0.10528E+01	0.13759E+01	0.11799E+01	-0.10742E+01
91	-0.25334E+01	-0.45362E+00	-0.13065E+01	0.12560E+01	0.12482E+01	-0.12880E+01
92	-0.25158E+01	-0.46232E+00	-0.12537E+01	0.91499E+00	0.12306E+01	-0.76512E+00
93	-0.16388E+01	0.86642E+00	-0.82867E+00	0.22927E+01	0.84739E+00	-0.29127E+01
94	-0.17240E+01	-0.31439E-02	-0.11602E+01	0.23655E+01	0.71778E+00	-0.28565E+01
95	-0.11922E+01	-0.58185E+00	-0.12275E+01	0.17036E+01	0.56755E+00	-0.20777E+01
96	-0.15530E+01	-0.47410E-01	-0.10407E+01	0.23508E+01	0.64347E+00	-0.25674E+01
97	-0.10321E+01	-0.36055E+00	-0.10482E+01	0.18760E+01	0.55795E+00	-0.17606E+01
98	-0.12825E+01	-0.22057E+00	-0.99646E+00	0.16680E+01	0.49050E+00	-0.18073E+01
99	-0.13659E+01	0.24480E+00	-0.79913E+00	0.18772E+01	0.58064E+00	-0.20122E+01
100	-0.11112E+01	0.79651E-01	-0.76846E+00	0.13893E+01	0.46786E+00	-0.13053E+01
101	-0.13541E+01	-0.24020E+00	-0.95586E+00	0.10765E+01	0.44580E+00	-0.94386E+00
102	-0.10495E+01	0.16968E+00	-0.56904E+00	0.10330E+01	0.45010E+00	-0.86286E+00
103	-0.81896E+00	-0.22505E+00	-0.64713E+00	0.45658E+00	0.29335E+00	-0.40709E+00
104	-0.82292E+00	-0.25549E+00	-0.62652E+00	0.15979E+00	0.28108E+00	-0.18658E+00
105	-0.20002E+01	0.36750E-01	-0.13593E+01	0.20183E+01	0.11358E+01	-0.27839E+01
106	-0.31727E+01	-0.19347E+01	-0.28613E+01	0.10788E+00	0.13305E+01	-0.12225E+01
107	-0.24098E+01	-0.12474E+01	-0.22338E+01	0.10664E+01	0.12422E+01	-0.20108E+01
108	-0.19934E+01	-0.11194E+01	-0.20127E+01	0.11067E+01	0.11404E+01	-0.20094E+01
109	-0.18540E+01	-0.10921E+01	-0.20159E+01	0.41274E+00	0.11114E+01	-0.12276E+01
110	-0.32968E+00	0.21157E+00	-0.82336E+00	0.15558E+01	0.95171E+00	-0.20312E+01
111	0.11395E+00	0.66999E-01	-0.78939E+00	0.11265E+01	0.77160E+00	-0.10540E+01
112	0.14310E+00	0.97922E-01	-0.73495E+00	0.17523E+01	0.76146E+00	-0.10407E+01
113	0.58144E+00	0.51891E+00	-0.24926E+00	0.19069E+01	0.53273E+00	-0.21000E+01
114	0.62919E+00	0.39415E+00	-0.38421E+00	0.15873E+01	0.38738E+00	-0.10145E+01

605

609000

5629

115	0.70796E+00	0.42280E+00	-0.23296E+00	0.27300E+01	0.35113E+00	-0.37952E+00
116	0.23956E+00	0.45227E+00	-0.23703E+00	0.21044E+01	0.10310E+00	-0.17861E+01
117	-0.31264E+00	-0.17215E+00	-0.70314E+00	0.23199E+01	-0.13703E+00	-0.91367E+00
118	-0.22528E+00	-0.12644E+00	-0.53046E+00	0.20003E+01	-0.17969E+00	-0.83956E+00
119	-0.17331E+00	0.32360E+00	-0.29440E+00	0.16786E+01	-0.30072E+00	-0.13140E+01
120	-0.59282E+00	-0.33934E+00	-0.62373E+00	0.17066E+01	-0.48982E+00	-0.74608E+00
121	-0.53621E+00	-0.31020E+00	-0.51574E+00	0.14526E+01	-0.51800E+00	-0.64954E+00
122	-0.65905E-02	0.69403E+00	0.32254E-01	0.13731E+01	-0.57464E+00	-0.97561E+00
123	-0.31769E+00	-0.17258E+00	-0.27843E+00	0.11998E+01	-0.74229E+00	-0.53732E+00
124	-0.29093E+00	-0.16510E+00	-0.21946E+00	0.94421E+00	-0.75843E+00	-0.42577E+00
125	-0.28562E+00	0.15882E+00	-0.19481E+00	0.77431E+00	-0.71571E+00	-0.42085E+00
126	-0.32694E+00	-0.19002E+00	-0.19075E+00	0.65973E+00	-0.80668E+00	-0.23725E+00
127	-0.32430E+00	-0.19467E+00	-0.17975E+00	0.37992E+00	-0.81091E+00	-0.20423E+00
128	0.83521E-01	0.26745E+00	0.11176E+00	0.47310E+00	-0.79771E+00	-0.17097E+00
129	0.22395E+00	0.17432E+00	0.24609E+00	0.35975E+00	-0.86364E+00	-0.77025E-01
130	-0.23145E+01	0.31150E+00	-0.13618E+01	0.33444E+01	0.12020E+01	-0.38412E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.7900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.52244E+00	-0.34829E+01	0.29605E+01	0.62488E+02	-0.31019E+02	-0.29062E+02
131	-0.30307E-01	-0.20205E+00	0.17174E+00	0.13485E+03	-0.53370E+02	-0.91581E+02
132	-0.12936E+00	-0.86255E+00	0.73316E+00	0.22436E+03	-0.87445E+02	-0.15556E+03
133	-0.42334E-01	-0.28222E+00	0.23989E+00	0.32427E+03	-0.12183E+03	-0.22541E+03
134	-0.92451E-01	-0.61634E+00	0.52389E+00	0.43597E+03	-0.15760E+03	-0.30605E+03
135	-0.23082E+00	-0.15388E+01	0.13080E+01	0.51905E+03	-0.18545E+03	-0.37590E+03
136	-0.67264E-01	-0.44843E+00	0.38117E+00	0.58747E+03	-0.19811E+03	-0.42202E+03
137	-0.21348E-01	-0.14232E+00	0.12097E+00	0.58226E+03	-0.21626E+03	-0.44360E+03
138	-0.57122E+00	-0.38081E+01	0.25299E+01	0.59480E+03	-0.38531E+03	-0.47603E+03
139	0.81119E-01	0.54079E+00	-0.30040E+01	0.57448E+03	-0.72140E+03	-0.50538E+03
140	0.18337E+01	0.12225E+02	-0.10391E+02	0.72716E+03	-0.87393E+03	-0.56946E+03
141	0.17625E+01	0.11751E+02	-0.99881E+01	0.72265E+03	-0.88623E+03	-0.60652E+03
142	0.12998E+01	0.13332E+02	-0.11332E+02	0.75250E+03	-0.82006E+03	-0.63978E+03
143	0.20604E+01	0.13736E+02	-0.11675E+02	-0.26941E+03	-0.10428E+04	0.37012E+03
144	0.23875E+01	0.15915E+02	-0.13528E+02	-0.26990E+03	-0.10321E+04	0.33477E+03
145	-0.19225E+01	-0.12817E+02	0.50932E+01	0.19652E+03	-0.77596E+03	0.10462E+04
146	-0.78530E+00	-0.52353E+01	0.49066E+01	0.21989E+03	-0.57297E+03	0.95711E+03
147	-0.79883E+00	-0.53255E+01	0.47906E+01	0.20470E+03	-0.58569E+03	0.93776E+03
148	-0.81467E+00	-0.54311E+01	-0.10162E+01	0.20001E+03	-0.59862E+03	0.94096E+03
149	-0.83330E+00	-0.55553E+01	-0.91155E+00	0.19919E+03	-0.61312E+03	0.96272E+03
150	-0.94653E+00	-0.63102E+01	-0.24412E+00	0.14398E+03	-0.65927E+03	0.93020E+03
151	-0.11366E+01	-0.75771E+01	-0.20334E+02	0.15770E+03	-0.74332E+03	0.95514E+03
152	-0.10866E+01	-0.72440E+01	-0.36896E+02	0.13944E+03	-0.70947E+03	0.94430E+03
153	-0.10087E+01	-0.67249E+01	-0.32629E+02	0.11987E+03	-0.66006E+03	0.91944E+03
154	-0.83028E+00	-0.55352E+01	-0.62860E+02	0.10323E+03	-0.54261E+03	0.88931E+03
155	-0.57262E+00	-0.38188E+01	-0.51698E+02	0.11796E+03	-0.36734E+03	0.82680E+03
156	-0.36277E+00	-0.24185E+01	-0.44002E+02	0.95548E+02	-0.22951E+03	0.76135E+03
157	-0.19169E+00	-0.12779E+01	-0.35249E+02	0.93098E+02	-0.11488E+03	0.67242E+03
158	-0.52896E-01	-0.35254E+00	-0.29457E+02	0.77700E+02	-0.23900E+02	0.58633E+03
159	0.55756E-01	0.37171E+00	-0.21110E+02	0.55328E+02	0.45777E+02	0.47906E+03
160	0.13523E+00	0.90150E+00	-0.15400E+02	0.43490E+02	0.97418E+02	0.37901E+03
161	0.20784E+00	0.13856E+01	-0.84349E+01	0.33368E+02	0.13584E+03	0.25931E+03
162	0.23504E+00	0.15669E+01	-0.11754E+01	0.26500E+02	0.14283E+03	0.17412E+03
163	0.28122E+00	0.16748E+01	-0.81540E+00	0.79821E-01	0.16615E+03	0.11654E+03
164	0.29731E+00	0.19821E+01	0.32993E+00	-0.89219E+01	0.17431E+03	0.65921E+02

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165	0.13618E+03	0.25226E+02	-0.37622E+01	0.17409E+01	0.18137E+03	0.44379E+02
166	0.10942E+03	0.19023E+02	-0.16463E+01	0.23806E+00	0.17009E+03	0.42004E+02
167	0.87341E+02	0.13829E+02	-0.13918E+00	-0.53073E+00	0.14700E+03	0.40067E+02
168	0.67766E+02	0.98668E+01	0.70432E+00	-0.13133E+01	0.12311E+03	0.38482E+02
169	0.45457E+02	0.57055E+01	0.14003E+01	-0.19459E+01	0.10866E+03	0.36762E+02
170	0.23702E+02	0.16127E+01	0.21954E+01	-0.26532E+01	0.10225E+03	0.34766E+02
171	-0.72814E-01	-0.25618E+01	0.27122E+01	-0.36159E+01	0.89724E+02	0.31787E+02
172	-0.13539E+02	-0.44896E+01	0.25557E+01	-0.45732E+01	0.72381E+02	0.28187E+02
173	-0.14664E+02	-0.37618E+01	0.16245E+01	-0.50257E+01	0.54197E+02	0.25102E+02
174	-0.12054E+02	-0.20979E+01	0.37667E+00	-0.49137E+01	0.39251E+02	0.21926E+02
175	-0.33373E+01	0.88025E-01	-0.45643E+00	-0.39686E+01	0.29492E+02	0.19190E+02
176	0.74657E+00	0.81968E+00	-0.58780E+00	-0.30185E+01	0.27561E+02	0.17053E+02
177	0.22567E+01	0.75433E+00	-0.33408E+00	-0.20121E+01	0.26566E+02	0.13793E+02
178	0.10899E+01	0.13403E+00	0.47691E-01	-0.13093E+01	0.19656E+02	0.99814E+01
179	-0.39320E+00	-0.14824E+00	0.93886E-01	-0.12242E+01	0.13915E+02	0.70156E+01
180	-0.70950E-02	-0.31996E-01	0.33995E-01	-0.10280E+01	0.81713E+01	0.42264E+01
181	-0.10815E+00	-0.13580E+00	0.10830E+00	-0.10122E+01	0.37482E+01	0.14486E+01
182	0.43937E+00	0.20407E+00	-0.12014E+00	-0.42665E+00	-0.92925E+00	-0.78744E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8000E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.42956E-01	0.38453E-04	0.43606E-01	0.00000E+00
3	-0.81635E-01	-0.96061E-04	0.81532E-01	0.00000E+00
4	-0.91322E-01	-0.84931E-04	0.91302E-01	0.00000E+00
5	-0.10601E+00	0.63198E-04	0.10596E+00	0.00000E+00
6	-0.11616E+00	-0.13615E-04	0.11616E+00	0.00000E+00
7	-0.10616E+00	-0.10785E-02	0.10644E+00	0.00000E+00
8	-0.11650E+00	-0.99103E-03	0.11671E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.42906E-01	-0.59770E-03	0.43074E-01	0.00000E+00
11	-0.81209E-01	-0.13625E-02	0.81707E-01	0.00000E+00
12	-0.91475E-01	-0.16892E-02	0.92170E-01	0.00000E+00
13	-0.10648E+00	-0.17734E-02	0.10723E+00	0.00000E+00
14	-0.11726E+00	-0.17165E-02	0.11821E+00	0.00000E+00
15	-0.10731E+00	-0.31787E-02	0.10944E+00	0.00000E+00
16	-0.11653E+00	-0.28989E-02	0.12072E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.42156E-01	-0.12423E-02	0.43899E-01	0.00000E+00
19	-0.80934E-01	-0.30557E-02	0.83875E-01	0.00000E+00
20	-0.91894E-01	-0.38548E-02	0.95077E-01	0.00000E+00
21	-0.10821E+00	-0.40801E-02	0.11176E+00	0.00000E+00
22	-0.12037E+00	-0.39252E-02	0.12434E+00	0.00000E+00
23	-0.10946E+00	-0.59651E-02	0.11513E+00	0.00000E+00
24	-0.12284E+00	-0.55985E-02	0.12921E+00	0.00000E+00
25	-0.12432E+00	-0.70936E-02	0.13219E+00	0.00000E+00
26	-0.12520E+00	-0.75802E-02	0.13394E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.40764E-01	-0.14663E-02	0.44271E-01	0.00000E+00
29	-0.79478E-01	-0.40700E-02	0.85520E-01	0.00000E+00
30	-0.91399E-01	-0.55661E-02	0.97935E-01	0.00000E+00
31	-0.10979E+00	-0.71902E-02	0.11807E+00	0.00000E+00
32	-0.12607E+00	-0.80365E-02	0.13578E+00	0.00000E+00
33	-0.10970E+00	-0.74578E-02	0.11882E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.40269E-01	-0.12687E-02	0.44118E-01	0.00000E+00
36	-0.78771E-01	-0.36224E-02	0.85399E-01	0.00000E+00
37	-0.90785E-01	-0.50265E-02	0.97816E-01	0.00000E+00
38	-0.10961E+00	-0.69271E-02	0.11910E+00	0.00000E+00
39	-0.12725E+00	-0.84018E-02	0.13374E+00	0.00000E+00
40	-0.12701E+00	-0.83800E-02	0.13810E+00	0.00000E+00
41	-0.12676E+00	-0.83577E-02	0.13748E+00	0.00000E+00
42	-0.12652E+00	-0.83140E-02	0.13675E+00	0.00000E+00
43	-0.89598E-01	-0.36194E-02	0.96046E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.38631E-01	-0.57275E-03	0.42374E-01	0.00000E+00
46	-0.76268E-01	-0.19875E-02	0.81854E-01	0.00000E+00
47	-0.12731E+00	-0.84017E-02	0.13895E+00	0.00000E+00
48	-0.12732E+00	-0.84026E-02	0.13895E+00	0.00000E+00
49	-0.10953E+00	-0.67297E-02	0.11901E+00	0.00000E+00
50	-0.12740E+00	-0.84692E-02	0.13931E+00	0.00000E+00
51	-0.10804E+00	-0.52420E-02	0.11529E+00	0.00000E+00
52	-0.12465E+00	-0.84075E-02	0.13222E+00	0.00000E+00
53	-0.12726E+00	-0.83753E-02	0.13899E+00	0.00000E+00
54	-0.87851E-01	-0.30721E-02	0.93431E-01	0.00000E+00
55	-0.10574E+00	-0.48131E-02	0.11155E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.37029E-01	-0.34263E-03	0.39673E-01	0.00000E+00
58	-0.73181E-01	-0.77208E-03	0.76940E-01	0.00000E+00
59	-0.12063E+00	-0.69240E-02	0.12643E+00	0.00000E+00
60	-0.12347E+00	-0.79863E-02	0.13025E+00	0.00000E+00
61	-0.12743E+00	-0.85129E-02	0.13954E+00	0.00000E+00
62	-0.84344E-01	-0.13209E-02	0.87933E-01	0.00000E+00
63	-0.10074E+00	-0.26126E-02	0.10409E+00	0.00000E+00
64	-0.12545E+00	-0.85394E-02	0.13329E+00	0.00000E+00
65	-0.12745E+00	-0.85547E-02	0.13977E+00	0.00000E+00
66	-0.12764E+00	-0.86376E-02	0.14022E+00	0.00000E+00
67	-0.12782E+00	-0.87207E-02	0.14069E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.35983E-01	0.70954E-03	0.36377E-01	0.00000E+00
70	-0.69915E-01	0.97138E-03	0.70379E-01	0.00000E+00
71	-0.11561E+00	-0.40971E-02	0.11853E+00	0.00000E+00
72	-0.12530E+00	-0.86345E-02	0.13274E+00	0.00000E+00
73	-0.95885E-01	-0.13846E-03	0.95189E-01	0.00000E+00
74	-0.12986E+00	-0.92377E-02	0.13689E+00	0.00000E+00
75	-0.12798E+00	-0.87881E-02	0.14112E+00	0.00000E+00
76	-0.12898E+00	-0.89111E-02	0.14189E+00	0.00000E+00
77	-0.10944E+00	-0.15186E-02	0.10749E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.35201E-01	0.14401E-02	0.33675E-01	0.00000E+00
80	-0.67117E-01	0.23225E-02	0.63619E-01	0.00000E+00
81	-0.76235E-01	0.26432E-02	0.72018E-01	0.00000E+00
82	-0.90137E-01	0.18489E-02	0.84112E-01	0.00000E+00
83	-0.12905E+00	-0.61840E-02	0.13139E+00	0.00000E+00
84	-0.11689E+00	-0.15113E-02	0.10901E+00	0.00000E+00
85	-0.13109E+00	-0.90715E-02	0.14289E+00	0.00000E+00
86	-0.13447E+00	-0.96114E-02	0.14148E+00	0.00000E+00
87	-0.10279E+00	0.31043E-03	0.95171E-01	0.00000E+00
88	-0.13282E+00	-0.80894E-02	0.13685E+00	0.00000E+00
89	-0.13299E+00	-0.92134E-02	0.14386E+00	0.00000E+00
90	-0.79087E-01	0.14398E-02	0.61503E-01	0.00000E+00
91	-0.86314E-01	0.49552E-03	0.65904E-01	0.00000E+00
92	-0.91049E-01	-0.44264E-03	0.68547E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.30350E-01	0.00000E+00	0.17597E-01	0.00000E+00
95	-0.56109E-01	0.00000E+00	0.32910E-01	0.00000E+00
96	-0.62402E-01	0.00000E+00	0.36619E-01	0.00000E+00
97	-0.70328E-01	0.00000E+00	0.41397E-01	0.00000E+00
98	-0.73741E-01	0.00000E+00	0.43217E-01	0.00000E+00
99	-0.78856E-01	0.47468E-03	0.54446E-01	0.00000E+00
100	-0.97568E-01	-0.88498E-03	0.76539E-01	0.00000E+00
101	-0.12870E+00	-0.44860E-02	0.11624E+00	0.00000E+00
102	-0.13799E+00	-0.93920E-02	0.14524E+00	0.00000E+00
103	-0.13684E+00	-0.76214E-02	0.13814E+00	0.00000E+00
104	-0.14208E+00	-0.10265E-01	0.14720E+00	0.00000E+00
105	-0.14214E+00	-0.93545E-02	0.14649E+00	0.00000E+00
106	-0.14230E+00	-0.89760E-02	0.14240E+00	0.00000E+00
107	-0.14789E+00	-0.11013E-01	0.15116E+00	0.00000E+00
108	-0.14570E+00	-0.96743E-02	0.14761E+00	0.00000E+00
109	-0.14856E+00	-0.97708E-02	0.14853E+00	0.00000E+00
110	-0.14960E+00	-0.11177E-01	0.14648E+00	0.00000E+00
111	-0.15225E+00	-0.11850E-01	0.15336E+00	0.00000E+00
112	-0.15095E+00	-0.93377E-02	0.14928E+00	0.00000E+00
113	-0.15166E+00	-0.11315E-01	0.14906E+00	0.00000E+00
114	-0.15266E+00	-0.98669E-02	0.14981E+00	0.00000E+00
115	-0.15287E+00	-0.98798E-02	0.15012E+00	0.00000E+00
116	-0.15444E+00	-0.98713E-02	0.15018E+00	0.00000E+00

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117	-0.15400E+00	-0.12176E-01	0.15432E+00	0.00000E+00
118	-0.15447E+00	-0.98627E-02	0.15013E+00	0.00000E+00
119	-0.15443E+00	-0.98302E-02	0.14992E+00	0.00000E+00
120	-0.15480E+00	-0.12464E-01	0.15435E+00	0.00000E+00
121	-0.15429E+00	-0.97777E-02	0.14957E+00	0.00000E+00
122	-0.15423E+00	-0.97273E-02	0.14963E+00	-0.12439E-04
123	-0.15425E+00	-0.96174E-02	0.14967E+00	-0.22805E-04
124	-0.15418E+00	-0.94375E-02	0.14970E+00	-0.35638E-04
125	-0.15406E+00	-0.91669E-02	0.14973E+00	-0.52582E-04
126	-0.15375E+00	-0.34970E-02	0.14978E+00	-0.77767E-04
127	-0.15334E+00	-0.76404E-02	0.14983E+00	-0.90525E-04
128	-0.15243E+00	-0.55943E-02	0.14992E+00	-0.89536E-04
129	-0.15169E+00	-0.38012E-02	0.15001E+00	-0.71329E-04
130	-0.15111E+00	-0.23025E-02	0.15010E+00	-0.44123E-04
131	-0.15079E+00	-0.12758E-02	0.15024E+00	-0.61746E-05
132	-0.15087E+00	-0.14216E-02	0.15039E+00	0.92715E-05
133	-0.15100E+00	-0.18093E-02	0.15053E+00	0.63008E-05
134	-0.15102E+00	-0.18076E-02	0.15066E+00	-0.43788E-05
135	-0.15098E+00	-0.13770E-02	0.15076E+00	-0.10653E-04
136	-0.15094E+00	-0.90787E-03	0.15084E+00	-0.87474E-05
137	-0.15092E+00	-0.49286E-03	0.15089E+00	-0.88133E-05
138	-0.15091E+00	-0.68645E-04	0.15091E+00	-0.79290E-05
139	-0.15091E+00	-0.39189E-05	0.15091E+00	-0.88786E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3000E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.34127E-05	-0.72360E-01	0.58331E-01	-0.52716E+01	-0.51488E-01	0.53185E+01
2	0.74856E-01	-0.71570E-01	0.13091E+00	-0.47770E+01	-0.59893E-01	0.47557E+01
3	0.13519E+00	-0.43560E-01	0.15436E+00	-0.39690E+01	0.36103E-01	0.39563E+01
4	-0.24914E+00	-0.13097E+00	-0.30295E+00	-0.32808E+01	0.14055E+00	0.33740E+01
5	0.13052E+00	-0.15014E-01	0.12221E+00	-0.32894E+01	0.51205E-01	0.33570E+01
6	-0.17002E+00	-0.91413E-01	0.69231E-01	-0.33767E+01	0.80770E-01	0.34267E+01
7	-0.10567E+00	-0.91906E-02	0.62897E-01	-0.24880E+01	0.55345E-01	0.24751E+01
8	-0.25757E+00	-0.30507E-01	0.68162E-01	-0.24959E+01	0.14078E+00	0.25494E+01
9	-0.18049E+00	-0.46268E+00	-0.18911E+00	-0.52228E+01	0.71752E-02	0.53385E+01
10	-0.12277E+00	-0.51619E+00	-0.64826E-01	-0.47998E+01	0.46162E-01	0.43835E+01
11	-0.68689E-01	-0.45947E+00	0.32594E+00	-0.41863E+01	0.20129E+00	0.42255E+01
12	-0.60579E+00	-0.34200E+00	-0.12146E+00	-0.35049E+01	0.30661E+00	0.34340E+01
13	-0.97919E-01	-0.19848E+00	0.21858E+00	-0.35815E+01	0.14201E+00	0.36012E+01
14	-0.58171E+00	-0.35661E+00	0.31913E-01	-0.36969E+01	0.27402E+00	0.37971E+01
15	-0.55327E+00	-0.95506E-01	0.42780E-01	-0.26997E+01	0.31777E+00	0.25678E+01
16	-0.67354E+00	-0.83095E-01	0.12467E+00	-0.27949E+01	0.38373E+00	0.23559E+01
17	-0.18747E+00	-0.62339E+00	-0.21235E+00	-0.50757E+01	-0.26012E-01	0.54088E+01
18	-0.24489E-02	-0.75685E+00	-0.13621E-03	-0.47823E+01	-0.32446E-01	0.50386E+01
19	0.31064E+00	-0.82492E+00	0.58656E+00	-0.44001E+01	0.54393E-01	0.45818E+01
20	-0.86419E+00	-0.50910E+00	-0.66828E-01	-0.38745E+01	0.43619E+00	0.38077E+01
21	-0.93244E-01	-0.73027E+00	0.18830E+00	-0.40111E+01	0.69585E-01	0.42243E+01
22	-0.88607E+00	-0.14744E+01	-0.33674E+00	-0.41996E+01	0.30032E+00	0.45618E+01
23	-0.99975E+00	-0.21000E+00	-0.65569E-01	-0.31844E+01	0.54815E+00	0.31844E+01
24	-0.19455E+01	-0.71392E+00	-0.41449E+00	-0.35360E+01	0.84146E+00	0.33740E+01
25	-0.10317E+01	-0.79470E+00	-0.37501E-01	-0.36153E+01	0.50966E+00	0.38037E+01
26	-0.32505E+01	-0.24383E+01	-0.15172E+01	-0.39621E+01	0.99213E+00	0.42005E+01
27	-0.13689E+00	-0.58937E+00	-0.16656E+00	-0.49284E+01	-0.62466E-01	0.54180E+01
28	0.13259E+00	-0.76077E+00	0.86143E-01	-0.46416E+01	-0.15321E+00	0.51062E+01
29	0.78228E+00	-0.91324E+00	0.78171E+00	-0.41519E+01	-0.37309E+00	0.47726E+01
30	-0.19314E+00	-0.98872E+00	0.18450E+00	-0.41293E+01	0.17103E+00	0.45618E+01
31	0.17377E-01	-0.12713E+01	0.10034E+00	-0.38829E+01	-0.24843E+00	0.47103E+01
32	-0.37234E+00	-0.13074E+01	-0.13677E-01	-0.37650E+01	-0.72128E-01	0.47893E+01
33	-0.24357E+01	-0.19853E+01	-0.10014E+01	-0.40486E+01	0.69141E+00	0.43950E+01
34	-0.55046E+01	-0.40094E+01	-0.30023E+01	-0.41937E+01	0.12561E+01	0.47225E+01
35	-0.13747E+01	-0.12517E+01	-0.23814E+00	-0.41366E+01	0.43598E+00	0.47193E+01
36	0.28844E+00	-0.39453E+00	0.72569E+00	-0.38647E+01	-0.11142E+00	0.48172E+01
37	-0.19189E+01	-0.20737E+01	-0.78023E+00	-0.42720E+01	0.46551E+00	0.49437E+01
38	0.43663E-01	-0.29617E+00	0.36617E-02	-0.47973E+01	-0.98491E-01	0.52947E+01
39	0.33921E+00	-0.41147E+00	0.24416E+00	-0.45712E+01	-0.28280E+00	0.49721E+01
40	0.82905E+00	-0.86592E+00	0.74639E+00	-0.40108E+01	-0.78747E+00	0.47308E+01
41	0.11470E+01	-0.15159E+00	0.93574E+00	-0.41996E+01	-0.74172E+00	0.46750E+01
42	0.14342E+01	-0.34028E+00	0.87799E+00	-0.40936E+01	-0.94441E+00	0.43489E+01
43	0.40886E+00	-0.71648E+00	0.46590E+00	-0.38185E+01	-0.46703E+00	0.47849E+01
44	0.97495E+00	-0.27147E+00	0.80737E+00	-0.37246E+01	-0.86446E+00	0.42954E+01
45	0.14504E+01	-0.12151E-01	0.98021E+00	-0.39240E+01	-0.76275E+00	0.42704E+01
46	0.73306E+00	-0.59997E+00	0.40759E+00	-0.37861E+01	-0.55966E+00	0.40085E+01
47	-0.56473E+00	-0.12386E+01	0.72197E-01	-0.40536E+01	-0.54088E-01	0.49768E+01
48	-0.19134E+00	-0.10799E+01	0.30927E+00	-0.42778E+01	-0.27660E+00	0.50115E+01
49	0.32502E+00	-0.10136E+01	0.44280E+00	-0.41541E+01	-0.70329E+00	0.51915E+01
50	0.37355E+01	0.48899E+00	0.22877E+01	-0.35369E+01	-0.20617E+01	0.38465E+01
51	0.93092E+00	0.55670E+00	0.14763E+01	-0.16757E+00	-0.29901E+00	0.10851E+01
52	0.23724E+01	0.13149E+01	0.22436E+01	0.11870E+01	-0.10992E+01	-0.28806E+01
53	0.13489E+01	-0.75572E+00	0.62370E+00	-0.32237E+01	-0.86939E+00	0.34943E+01
54	0.39507E+00	0.24940E+00	0.32686E+00	-0.45901E+01	-0.12370E+00	0.50149E+01

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55	0.65654E+00	0.34341E-02	0.43412E+00	-0.44312E+01	-0.34000E+00	0.47016E+01
56	0.14579E+01	-0.10820E+00	0.77674E+00	-0.39525E+01	-0.90663E+00	0.41930E+01
57	0.12328E+01	-0.16169E+00	0.66270E+00	-0.35436E+01	-0.64543E+00	0.37677E+01
58	0.13744E+01	-0.27326E+00	0.66893E+00	-0.30059E+01	-0.74727E+00	0.32601E+01
59	0.21387E+00	0.29764E+00	0.23704E+00	-0.45257E+01	-0.11585E-01	0.48474E+01
60	0.85712E+00	0.67723E+00	0.72890E+00	-0.43710E+01	-0.25429E+00	0.44417E+01
61	0.67415E+00	0.73290E+00	0.55104E+00	-0.43444E+01	-0.19392E+00	0.44381E+01
62	0.63246E+00	0.10345E+01	0.67167E+00	-0.43024E+01	0.53962E-02	0.41107E+01
63	0.83274E+00	0.41230E+00	0.56287E+00	-0.42055E+01	-0.38460E+00	0.43513E+01
64	0.10220E+01	0.89933E+00	0.73683E+00	-0.39477E+01	-0.33561E+00	0.38930E+01
65	0.14775E+01	0.11685E+00	0.65624E+00	-0.38373E+01	-0.10307E+01	0.40406E+01
66	0.19056E+01	0.49185E+00	0.71678E+00	-0.35134E+01	-0.11658E+01	0.35008E+01
67	0.15358E+01	0.95029E+00	0.61250E+00	-0.31454E+01	-0.94020E+00	0.30378E+01
68	0.15354E+01	0.13382E+00	0.75814E+00	-0.33385E+01	-0.80364E+00	0.35216E+01
69	0.13907E+01	0.34144E+00	0.67569E+00	-0.32072E+01	-0.68350E+00	0.32908E+01
70	0.21174E+01	0.77698E+00	0.10298E+01	-0.28398E+01	-0.91427E+00	0.26022E+01
71	0.16805E+01	0.10406E+00	0.75201E+00	-0.28603E+01	-0.87801E+00	0.29283E+01
72	0.19647E+01	0.36660E+00	0.78595E+00	-0.26526E+01	-0.96126E+00	0.25269E+01
73	0.50556E+00	0.59264E+00	0.36001E+00	-0.40191E+01	-0.11907E+00	0.31304E+01
74	0.76294E+00	0.58004E+00	0.30970E+00	-0.35590E+01	-0.34764E+00	0.27582E+01
75	0.13450E+01	0.55173E+00	-0.15539E-01	-0.29165E+01	-0.98715E+00	0.22003E+01
76	0.17783E+01	0.47642E+00	0.61748E+00	-0.30298E+01	-0.87814E+00	0.25987E+01
77	0.13062E+01	0.75791E+00	0.40937E+00	-0.21737E+01	-0.61832E+00	0.15439E+01
78	0.14877E+01	0.72858E+00	0.33376E+00	-0.17797E+01	-0.67385E+00	0.10314E+01
79	0.21770E+01	0.55446E+00	0.71268E+00	-0.21699E+01	-0.98830E+00	0.16626E+01
80	0.25706E+01	0.78031E+00	0.81230E+00	-0.15679E+01	-0.87227E+00	0.94612E+00
81	0.12233E+01	0.33801E+00	0.63489E-01	-0.90059E+00	-0.67088E+00	0.50430E+00
82	0.16101E+01	0.77683E+00	0.33196E+00	-0.77820E+00	-0.69225E+00	0.39293E+00
83	0.22869E+01	0.38449E+00	0.49886E+00	-0.13170E+01	-0.85740E+00	0.73266E+00
84	0.26712E+01	0.62434E+00	0.81576E+00	-0.14780E+01	-0.11117E+01	0.83648E+00
85	0.29932E+01	0.40554E+00	0.97278E+00	-0.20054E+01	-0.13279E+01	0.15398E+01
86	0.29891E+01	0.43371E+00	0.92745E+00	-0.15703E+01	-0.13073E+01	0.10056E+01
87	0.19960E+01	0.26277E+00	0.69576E+00	-0.20567E+01	-0.99304E+00	0.18457E+01
88	0.20070E+01	0.85517E-01	0.79005E+00	-0.21899E+01	-0.10607E+01	0.22033E+01
89	0.21748E+01	0.12403E+00	0.86033E+00	-0.18657E+01	-0.11500E+01	0.19046E+01
90	0.24520E+01	0.17645E+00	0.60836E+00	-0.13566E+01	-0.12486E+01	0.10412E+01
91	0.25826E+01	0.42339E+00	0.10490E+01	-0.12434E+01	-0.13139E+01	0.12591E+01
92	0.25798E+01	0.46532E+00	0.10022E+01	-0.91138E+00	-0.12919E+01	0.76273E+00
93	0.16082E+01	-0.10803E+01	0.60653E+00	-0.22801E+01	-0.10045E+01	0.28684E+01
94	0.17351E+01	-0.14402E+00	0.95616E+00	-0.23431E+01	-0.86657E+00	0.28012E+01
95	0.11824E+01	0.45252E+00	0.10116E+01	-0.16780E+01	-0.72418E+00	0.20534E+01
96	0.15364E+01	-0.98510E-01	0.78490E+00	-0.23417E+01	-0.78214E+00	0.24944E+01
97	0.10269E+01	0.24643E+00	0.52903E+00	-0.18644E+01	-0.71062E+00	0.17462E+01
98	0.12701E+01	0.13033E+00	0.74599E+00	-0.16529E+01	-0.63380E+00	0.17744E+01
99	0.13778E+01	-0.32009E+00	0.54698E+00	-0.18781E+01	-0.71016E+00	0.19545E+01
100	0.10643E+01	-0.19331E+00	0.49851E+00	-0.13794E+01	-0.60464E+00	0.12939E+01
101	0.13291E+01	0.17432E+00	0.69480E+00	-0.10525E+01	-0.58205E+00	0.94500E+00
102	0.98069E+00	-0.22688E+00	0.25129E+00	-0.10428E+01	-0.56393E+00	0.86850E+00
103	0.72241E+00	0.18254E+00	0.35307E+00	-0.40780E+00	-0.41914E+00	0.41806E+00
104	0.75235E+00	0.25566E+00	0.35480E+00	-0.11951E+00	-0.40504E+00	0.20588E+00
105	0.19625E+01	-0.23228E+00	0.11580E+01	-0.20194E+01	-0.13116E+01	0.27277E+01
106	0.31882E+01	0.18531E+01	0.27705E+01	-0.93104E-01	-0.14976E+01	0.12239E+01
107	0.23862E+01	0.11147E+01	0.20964E+01	-0.10525E+01	-0.14093E+01	0.19689E+01
108	0.19692E+01	0.96766E+00	0.18627E+01	-0.10930E+01	-0.13103E+01	0.19708E+01
109	0.18611E+01	0.10031E+01	0.19082E+01	-0.40284E+00	-0.12862E+01	0.12292E+01
110	0.27179E+00	-0.37108E+00	0.64481E+00	-0.15652E+01	-0.11250E+01	0.20048E+01
111	-0.13734E+00	-0.16478E+00	0.65773E+00	-0.11272E+01	-0.95401E+00	0.10569E+01
112	-0.17102E+00	-0.19274E+00	0.60152E+00	-0.17621E+01	-0.94272E+00	0.10449E+01
113	-0.66257E+00	-0.67514E+00	0.37492E-01	-0.19221E+01	-0.70594E+00	0.20840E+01
114	-0.66604E+00	-0.47714E+00	0.23224E+00	-0.15969E+01	-0.57135E+00	0.10205E+01

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115	-0.74664E+00	-0.53884E+00	0.77259E-01	-0.27604E+01	-0.53316E+00	0.98726E+00
116	-0.33090E+00	-0.60658E+00	0.54364E-01	-0.21347E+01	-0.27568E+00	0.17802E+01
117	0.25655E+00	0.65042E-01	0.52222E+00	-0.23451E+01	-0.45239E-01	0.92340E+00
118	0.16944E+00	0.24247E-01	0.34524E+00	-0.20235E+01	-0.30376E-03	0.85065E+00
119	0.93170E-01	-0.50389E+00	0.35749E-01	-0.17042E+01	0.13153E+00	0.13183E+01
120	0.50874E+00	0.22249E+00	0.41353E+00	-0.17205E+01	0.31254E+00	0.75804E+00
121	0.45269E+00	0.19857E+00	0.29737E+00	-0.14609E+01	0.34262E+00	0.66215E+00
122	-0.91273E-01	-0.73264E+00	-0.27841E+00	-0.13959E+01	0.41227E+00	0.99112E+00
123	0.16564E+00	0.21440E-01	0.63660E-02	-0.11931E+01	0.57409E+00	0.54972E+00
124	0.13994E+00	0.17808E-01	-0.54245E-01	-0.92521E+00	0.59155E+00	0.43819E+00
125	0.20000E+00	-0.17856E+00	-0.27260E-01	-0.76328E+00	0.56357E+00	0.44543E+00
126	0.12133E+00	0.12167E-01	-0.12294E+00	-0.61983E+00	0.65069E+00	0.29768E+00
127	0.12045E+00	0.20771E-01	-0.13373E+00	-0.34127E+00	0.65563E+00	0.21497E+00
128	-0.27250E+00	-0.36422E+00	-0.40516E+00	-0.43872E+00	0.65591E+00	0.19392E+00
129	-0.63167E+00	-0.43454E+00	-0.65459E+00	-0.24733E+00	0.72876E+00	0.81511E-01
133	0.22760E+01	-0.54806E+00	0.11547E+01	-0.33378E+01	-0.13894E+01	0.33352E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.51235E+00	0.34156E+01	-0.29033E+01	-0.60933E+02	0.29504E+02	0.28442E+02
131	0.64918E-01	0.43279E+00	-0.36787E+00	-0.13260E+03	0.51017E+02	0.89011E+02
132	0.17835E+00	0.11890E+01	-0.10106E+01	-0.22179E+03	0.82244E+02	0.15134E+03
133	0.84578E-01	0.56335E+00	-0.47928E+00	-0.32176E+03	0.11397E+03	0.21968E+03
134	0.16915E+00	0.11277E+01	-0.95854E+00	-0.43421E+03	0.14682E+03	0.29893E+03
135	0.32430E+00	0.21620E+01	-0.18377E+01	-0.51946E+03	0.17224E+03	0.36810E+03
136	0.14160E+00	0.94402E+00	-0.80242E+00	-0.58811E+03	0.18372E+03	0.41426E+03
137	0.11287E+00	0.75244E+00	-0.63957E+00	-0.57867E+03	0.20185E+03	0.43563E+03
138	0.57603E+00	0.38402E+01	-0.25851E+01	-0.59289E+03	0.36263E+03	0.46807E+03
139	-0.37512E+00	-0.25008E+01	0.45826E+01	-0.57191E+03	0.68339E+03	0.49651E+03
140	-0.23783E+01	-0.15855E+02	0.13477E+02	-0.72342E+03	0.82758E+03	0.56036E+03
141	-0.22748E+01	-0.15165E+02	0.12890E+02	-0.72515E+03	0.83931E+03	0.59707E+03
142	-0.26040E+01	-0.17360E+02	0.14756E+02	-0.75755E+03	0.84250E+03	0.63089E+03
143	-0.26764E+01	-0.17843E+02	0.15166E+02	0.27754E+03	0.99699E+03	-0.39477E+03
144	-0.30601E+01	-0.20401E+02	0.17341E+02	0.27548E+03	0.98524E+03	-0.36048E+03
145	0.18325E+01	0.12217E+02	-0.43734E+01	-0.24060E+03	0.73163E+03	-0.10614E+04
146	0.74836E+00	0.49891E+01	-0.45708E+01	-0.25791E+03	0.53877E+03	-0.96085E+03
147	0.76120E+00	0.50746E+01	-0.44649E+01	-0.24142E+03	0.55115E+03	-0.94277E+03
148	0.77596E+00	0.51731E+01	0.14050E+01	-0.23644E+03	0.56329E+03	-0.94607E+03
149	0.79312E+00	0.52875E+01	0.13070E+01	-0.23575E+03	0.57663E+03	-0.96727E+03
150	0.90028E+00	0.60019E+01	0.65613E+00	-0.17725E+03	0.62101E+03	-0.93685E+03
151	0.10781E+01	0.71872E+01	0.21096E+02	-0.17079E+03	0.69904E+03	-0.96126E+03
152	0.10225E+01	0.68167E+01	0.37837E+02	-0.17046E+03	0.66173E+03	-0.95179E+03
153	0.93800E+00	0.62533E+01	0.33523E+02	-0.14733E+03	0.60848E+03	-0.92841E+03
154	0.74994E+00	0.49996E+01	0.64285E+02	-0.12746E+03	0.48497E+03	-0.89992E+03
155	0.48041E+00	0.32027E+01	0.52936E+02	-0.13680E+03	0.30240E+03	-0.83907E+03
156	0.25916E+00	0.17277E+01	0.45178E+02	-0.11059E+03	0.15761E+03	-0.77488E+03
157	0.77698E-01	0.51799E+00	0.36243E+02	-0.10270E+03	0.36821E+02	-0.68689E+03
158	-0.70405E-01	-0.46936E+00	0.30298E+02	-0.83967E+02	-0.59919E+02	-0.60135E+03
159	-0.18719E+00	-0.12479E+01	0.21723E+02	-0.55119E+02	-0.13409E+03	-0.49431E+03
160	-0.27314E+00	-0.18210E+01	0.15687E+02	-0.40628E+02	-0.18969E+03	-0.39415E+03
161	-0.36569E+00	-0.24360E+01	0.86029E+01	-0.25317E+02	-0.23400E+03	-0.27411E+03
162	-0.39985E+00	-0.26657E+01	0.13790E+01	-0.16772E+02	-0.23874E+03	-0.18840E+03
163	-0.47513E+00	-0.31676E+01	0.74144E+00	0.80065E+01	-0.27950E+03	-0.12945E+03
164	-0.49563E+00	-0.33042E+01	-0.46787E+00	0.23740E+02	-0.28925E+03	-0.77461E+02

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165	-0.26902E+03	-0.45770E+02	0.41080E+01	-0.10628E+02	-0.30129E+03	-0.54073E+02
166	-0.22016E+03	-0.34772E+02	0.50106E+00	-0.73043E+01	-0.28185E+03	-0.50219E+02
167	-0.17708E+03	-0.25675E+02	-0.15985E+01	-0.54215E+01	-0.24270E+03	-0.47046E+02
168	-0.13795E+03	-0.18631E+02	-0.25641E+01	-0.35168E+01	-0.20215E+03	-0.44392E+02
169	-0.91881E+02	-0.10387E+02	-0.37224E+01	-0.18071E+01	-0.17628E+03	-0.41451E+02
170	-0.46074E+02	-0.17958E+01	-0.53571E+01	0.13973E+00	-0.16203E+03	-0.38051E+02
171	0.26467E+01	0.67641E+01	-0.64233E+01	0.27864E+01	-0.13470E+03	-0.33143E+02
172	0.31982E+02	0.10927E+02	-0.60491E+01	0.55214E+01	-0.97309E+02	-0.27572E+02
173	0.34646E+02	0.91942E+01	-0.35896E+01	0.70583E+01	-0.61692E+02	-0.23310E+02
174	0.23894E+02	0.48556E+01	-0.12512E+01	0.73589E+01	-0.34188E+02	-0.19733E+02
175	0.63456E+01	0.39919E+00	0.45534E+00	0.59649E+01	-0.22281E+02	-0.17391E+02
176	-0.95795E+00	-0.92742E+00	0.66830E+00	0.44831E+01	-0.22647E+02	-0.15756E+02
177	-0.25052E+01	-0.80229E+00	0.35089E+00	0.30975E+01	-0.23186E+02	-0.12847E+02
178	-0.10497E+01	-0.14148E+00	-0.31569E-01	0.20936E+01	-0.17372E+02	-0.93025E+01
179	0.33260E+00	0.12242E+00	-0.76131E-01	0.17607E+01	-0.12341E+02	-0.65568E+01
180	-0.39839E-02	0.30713E-01	-0.32994E-01	0.13461E+01	-0.72598E+01	-0.39591E+01
181	0.10095E+00	0.11812E+00	-0.93001E-01	0.11079E+01	-0.33303E+01	-0.13770E+01
182	-0.41953E+00	-0.19485E+00	0.11471E+00	0.40203E+00	0.79049E+00	0.50654E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.20317E-01	-0.15965E-04	-0.20747E-01	0.00000E+00
3	0.38732E-01	0.36747E-04	-0.38641E-01	0.00000E+00
4	0.43605E-01	0.18690E-04	-0.43239E-01	0.00000E+00
5	0.50382E-01	-0.53039E-04	-0.50344E-01	0.00000E+00
6	0.55310E-01	0.91529E-05	-0.55310E-01	0.00000E+00
7	0.50452E-01	0.60693E-03	-0.50663E-01	0.00000E+00
8	0.55492E-01	0.59332E-03	-0.55639E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.20487E-01	0.34280E-03	-0.20648E-01	0.00000E+00
11	0.38663E-01	0.76506E-03	-0.39068E-01	0.00000E+00
12	0.43479E-01	0.95709E-03	-0.44017E-01	0.00000E+00
13	0.50641E-01	0.10586E-02	-0.51221E-01	0.00000E+00
14	0.55865E-01	0.10869E-02	-0.54525E-01	0.00000E+00
15	0.51090E-01	0.19579E-02	-0.52549E-01	0.00000E+00
16	0.56488E-01	0.18900E-02	-0.58006E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.20176E-01	0.78521E-03	-0.21417E-01	0.00000E+00
19	0.38646E-01	0.19142E-02	-0.40756E-01	0.00000E+00
20	0.43789E-01	0.24234E-02	-0.46087E-01	0.00000E+00
21	0.51585E-01	0.26447E-02	-0.54090E-01	0.00000E+00
22	0.57391E-01	0.26573E-02	-0.60121E-01	0.00000E+00
23	0.52282E-01	0.39942E-02	-0.56274E-01	0.00000E+00
24	0.58606E-01	0.39839E-02	-0.62938E-01	0.00000E+00
25	0.59335E-01	0.50547E-02	-0.64637E-01	0.00000E+00
26	0.59768E-01	0.54729E-02	-0.65629E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.19446E-01	0.10590E-02	-0.22279E-01	0.00000E+00
29	0.37914E-01	0.28668E-02	-0.42778E-01	0.00000E+00
30	0.43591E-01	0.38903E-02	-0.48772E-01	0.00000E+00
31	0.52390E-01	0.50692E-02	-0.58390E-01	0.00000E+00
32	0.60192E-01	0.59154E-02	-0.66672E-01	0.00000E+00
33	0.52321E-01	0.52872E-02	-0.59035E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.19170E-01	0.98331E-03	-0.22492E-01	0.00000E+00
36	0.37527E-01	0.26980E-02	-0.43241E-01	0.00000E+00
37	0.43278E-01	0.37135E-02	-0.49326E-01	0.00000E+00
38	0.52262E-01	0.50637E-02	-0.59457E-01	0.00000E+00
39	0.60784E-01	0.61432E-02	-0.68403E-01	0.00000E+00
40	0.60666E-01	0.61273E-02	-0.68027E-01	0.00000E+00
41	0.60548E-01	0.61115E-02	-0.67666E-01	0.00000E+00
42	0.60418E-01	0.60822E-02	-0.67230E-01	0.00000E+00
43	0.42733E-01	0.29626E-02	-0.49858E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.18403E-01	0.60067E-03	-0.22971E-01	0.00000E+00
46	0.36469E-01	0.18051E-02	-0.44107E-01	0.00000E+00
47	0.60820E-01	0.61432E-02	-0.68552E-01	0.00000E+00
48	0.60823E-01	0.61438E-02	-0.68527E-01	0.00000E+00
49	0.52219E-01	0.49726E-02	-0.59519E-01	0.00000E+00
50	0.60860E-01	0.61898E-02	-0.68671E-01	0.00000E+00
51	0.51555E-01	0.41239E-02	-0.59292E-01	0.00000E+00
52	0.59603E-01	0.60087E-02	-0.67315E-01	0.00000E+00
53	0.60809E-01	0.61218E-02	-0.68651E-01	0.00000E+00
54	0.42078E-01	0.25993E-02	-0.50138E-01	0.00000E+00
55	0.50635E-01	0.37982E-02	-0.59440E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.17874E-01	0.55400E-04	-0.23283E-01	0.00000E+00
58	0.35467E-01	0.10253E-03	-0.44619E-01	0.00000E+00
59	0.57830E-01	0.51639E-02	-0.66950E-01	0.00000E+00
60	0.59071E-01	0.57643E-02	-0.67034E-01	0.00000E+00
61	0.60871E-01	0.62183E-02	-0.63774E-01	0.00000E+00
62	0.40937E-01	0.15406E-02	-0.50910E-01	0.00000E+00
63	0.43950E-01	0.25040E-02	-0.59996E-01	0.00000E+00
64	0.59992E-01	0.61017E-02	-0.67871E-01	0.00000E+00
65	0.60882E-01	0.62456E-02	-0.68874E-01	0.00000E+00
66	0.60969E-01	0.62998E-02	-0.69074E-01	0.00000E+00
67	0.61057E-01	0.63549E-02	-0.69281E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.17728E-01	-0.21227E-03	-0.22902E-01	0.00000E+00
70	0.34571E-01	0.73990E-05	-0.44034E-01	0.00000E+00
71	0.56159E-01	0.36019E-02	-0.67893E-01	0.00000E+00
72	0.60185E-01	0.51450E-02	-0.68255E-01	0.00000E+00
73	0.47494E-01	0.10461E-02	-0.59178E-01	0.00000E+00
74	0.62104E-01	0.65622E-02	-0.70325E-01	0.00000E+00
75	0.61130E-01	0.64010E-02	-0.69467E-01	0.00000E+00
76	0.61600E-01	0.64872E-02	-0.69797E-01	0.00000E+00
77	0.54181E-01	0.20361E-02	-0.66541E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.17716E-01	-0.64961E-03	-0.22822E-01	0.00000E+00
80	0.33977E-01	-0.84550E-03	-0.43125E-01	0.00000E+00
81	0.38652E-01	-0.84070E-03	-0.48772E-01	0.00000E+00
82	0.45689E-01	-0.19413E-03	-0.56608E-01	0.00000E+00
83	0.62681E-01	0.50366E-02	-0.74646E-01	0.00000E+00
84	0.58687E-01	0.21897E-02	-0.70900E-01	0.00000E+00
85	0.62594E-01	0.65999E-02	-0.70225E-01	0.00000E+00
86	0.64320E-01	0.69042E-02	-0.72519E-01	0.00000E+00
87	0.52053E-01	0.61984E-03	-0.63592E-01	0.00000E+00
88	0.63915E-01	0.60682E-02	-0.73694E-01	0.00000E+00
89	0.63484E-01	0.67019E-02	-0.70634E-01	0.00000E+00
90	0.41883E-01	-0.31309E-03	-0.46782E-01	0.00000E+00
91	0.45755E-01	0.35267E-03	-0.50345E-01	0.00000E+00
92	0.48205E-01	0.99179E-03	-0.52250E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.16686E-01	0.00000E+00	-0.16218E-01	0.00000E+00
95	0.31148E-01	0.00000E+00	-0.30106E-01	0.00000E+00
96	0.34655E-01	0.00000E+00	-0.33450E-01	0.00000E+00
97	0.38999E-01	0.00000E+00	-0.37280E-01	0.00000E+00
98	0.40954E-01	0.00000E+00	-0.38648E-01	0.00000E+00
99	0.42681E-01	0.12685E-03	-0.44292E-01	0.00000E+00
100	0.51160E-01	0.14057E-02	-0.56467E-01	0.00000E+00
101	0.64496E-01	0.41509E-02	-0.74963E-01	0.00000E+00
102	0.65823E-01	0.63371E-02	-0.71210E-01	0.00000E+00
103	0.66425E-01	0.60148E-02	-0.78146E-01	0.00000E+00
104	0.67874E-01	0.74491E-02	-0.75159E-01	0.00000E+00
105	0.67752E-01	0.69016E-02	-0.71716E-01	0.00000E+00
106	0.69049E-01	0.69327E-02	-0.80133E-01	0.00000E+00
107	0.70584E-01	0.79949E-02	-0.76885E-01	0.00000E+00
108	0.69404E-01	0.70634E-02	-0.72151E-01	0.00000E+00
109	0.70728E-01	0.71501E-02	-0.72490E-01	0.00000E+00
110	0.72482E-01	0.83946E-02	-0.81591E-01	0.00000E+00
111	0.72598E-01	0.85747E-02	-0.77931E-01	0.00000E+00
112	0.71530E-01	0.72196E-02	-0.72738E-01	0.00000E+00
113	0.73125E-01	0.64987E-02	-0.81254E-01	0.00000E+00
114	0.72611E-01	0.72677E-02	-0.72874E-01	0.00000E+00
115	0.73167E-01	0.73052E-02	-0.72906E-01	0.00000E+00
116	0.73426E-01	0.73220E-02	-0.72807E-01	0.00000E+00

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617

117	0.73389E-01	0.88785E-02	-0.77890E-01	0.00000E+00
118	0.73440E-01	0.73281E-02	-0.72719E-01	0.00000E+00
119	0.73426E-01	0.73253E-02	-0.72509E-01	0.00000E+00
120	0.73650E-01	0.91817E-02	-0.77254E-01	0.00000E+00
121	0.73358E-01	0.73160E-02	-0.72204E-01	0.00000E+00
122	0.73358E-01	0.73044E-02	-0.72203E-01	0.28436E-05
123	0.73349E-01	0.72789E-02	-0.72189E-01	0.52933E-05
124	0.73334E-01	0.72365E-02	-0.72176E-01	0.84565E-05
125	0.73305E-01	0.71710E-02	-0.72158E-01	0.12858E-04
126	0.73227E-01	0.70022E-02	-0.72128E-01	0.20056E-04
127	0.73121E-01	0.67751E-02	-0.72096E-01	0.24597E-04
128	0.72859E-01	0.61847E-02	-0.72031E-01	0.27576E-04
129	0.72610E-01	0.55878E-02	-0.71969E-01	0.25951E-04
130	0.72370E-01	0.49630E-02	-0.71901E-01	0.21858E-04
131	0.72111E-01	0.41875E-02	-0.71802E-01	0.13131E-04
132	0.71980E-01	0.37131E-02	-0.71727E-01	0.84796E-05
133	0.71893E-01	0.33369E-02	-0.71688E-01	0.88252E-05
134	0.71800E-01	0.28348E-02	-0.71627E-01	0.12789E-04
135	0.71698E-01	0.21556E-02	-0.71598E-01	0.15542E-04
136	0.71621E-01	0.14612E-02	-0.71575E-01	0.14630E-04
137	0.71579E-01	0.80252E-03	-0.71566E-01	0.14680E-04
138	0.71551E-01	0.11688E-03	-0.71552E-01	0.14319E-04
139	0.71551E-01	0.14761E-04	-0.71551E-01	0.14743E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8100E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.28721E-01	0.55712E-01	-0.29311E-01	0.25073E+01	0.26322E-01	-0.25421E+01
2	0.31611E-02	0.53052E-01	-0.73641E-01	0.22780E+01	0.21833E-01	-0.22624E+01
3	-0.58433E-01	0.34812E-01	-0.10195E+00	0.19033E+01	-0.55451E-01	-0.18860E+01
4	0.15418E+00	0.98031E-01	0.19981E+00	0.15869E+01	-0.93047E-01	-0.16426E+01
5	-0.58245E-01	0.16604E-01	-0.80779E-01	0.15815E+01	-0.47260E-01	-0.16196E+01
6	0.10078E+00	0.76479E-01	-0.63501E-01	0.16332E+01	-0.52664E-01	-0.16556E+01
7	0.40576E-01	0.36702E-02	-0.62691E-01	0.12300E+01	-0.30229E-01	-0.12174E+01
8	0.11869E+00	0.20489E-01	-0.79018E-01	0.12357E+01	-0.82249E-01	-0.12527E+01
9	0.13311E+00	0.29473E+00	0.12118E+00	0.25019E+01	-0.11557E-01	-0.25850E+01
10	0.10374E+00	0.31376E+00	0.29589E-01	0.23006E+01	-0.44094E-01	-0.23560E+01
11	0.65652E-01	0.27831E+00	-0.25051E+00	0.20246E+01	-0.15103E+00	-0.20389E+01
12	0.30631E+00	0.18819E+00	0.10219E-01	0.17141E+01	-0.17648E+00	-0.16634E+01
13	0.53479E-01	0.11354E+00	-0.17559E+00	0.17478E+01	-0.10034E+00	-0.17359E+01
14	0.31583E+00	0.23283E+00	-0.69267E-01	0.18131E+01	-0.17141E+00	-0.18493E+01
15	0.25690E+00	0.54493E-01	-0.89652E-01	0.13442E+01	-0.17883E+00	-0.13119E+01
16	0.30768E+00	0.42914E-01	-0.15703E+00	0.13869E+01	-0.22207E+00	-0.14031E+01
17	0.16149E+00	0.44195E+00	0.15446E+00	0.24316E+01	-0.14383E-02	-0.26844E+01
18	0.50527E-01	0.51963E+00	-0.75750E-02	0.23036E+01	-0.24468E-01	-0.24850E+01
19	-0.15417E+00	0.54809E+00	-0.45435E+00	0.21658E+01	-0.13443E+00	-0.22454E+01
20	0.45786E+00	0.30213E+00	-0.38027E-01	0.19328E+01	-0.27222E+00	-0.18598E+01
21	0.77072E-01	0.47956E+00	-0.16329E+00	0.19919E+01	-0.10128E+00	-0.20441E+01
22	0.49316E+00	0.96594E+00	0.13383E+00	0.20953E+01	-0.21114E+00	-0.22210E+01
23	0.49233E+00	0.14773E+00	-0.12484E+00	0.16010E+01	-0.31552E+00	-0.15560E+01
24	0.93644E+00	0.40497E+00	0.92087E-01	0.13041E+01	-0.45471E+00	-0.16456E+01
25	0.54015E+00	0.56965E+00	-0.35878E-01	0.18234E+01	-0.30844E+00	-0.18368E+01
26	0.17574E+01	0.15561E+01	0.80506E+00	0.20517E+01	-0.52758E+00	-0.20229E+01
27	0.15337E+00	0.46389E+00	0.14519E+00	0.23508E+01	0.11674E-01	-0.27483E+01
28	-0.17300E-01	0.57174E+00	-0.60171E-01	0.22212E+01	0.19873E-01	-0.25665E+01
29	-0.41900E+00	0.66349E+00	-0.60912E+00	0.20125E+01	0.13731E-01	-0.23734E+01
30	0.97321E-01	0.68235E+00	-0.17937E+00	0.20246E+01	-0.17371E+00	-0.22236E+01
31	0.80017E-01	0.90216E+00	-0.83239E-01	0.18770E+01	0.13042E-01	-0.22829E+01
32	0.22861E+00	0.88365E+00	-0.67431E-01	0.18146E+01	-0.66388E-01	-0.23236E+01
33	0.13057E+01	0.12961E+01	0.50653E+00	0.19945E+01	-0.40125E+00	-0.21061E+01
34	0.23341E+01	0.22841E+01	0.14971E+01	0.20453E+01	-0.62138E+00	-0.22447E+01
35	0.83776E+00	0.95470E+00	0.16001E+00	0.19991E+01	-0.22829E+00	-0.22423E+01
36	-0.79309E-01	0.44886E+00	-0.40243E+00	0.18840E+01	-0.52846E-01	-0.22663E+01
37	0.10679E+01	0.13092E+01	0.38598E+00	0.20705E+01	-0.24253E+00	-0.23114E+01
38	0.70691E-01	0.31800E+00	0.46710E-01	0.22327E+01	0.22056E-01	-0.27861E+01
39	-0.88303E-01	0.39632E+00	-0.16965E+00	0.21811E+01	0.57493E-01	-0.25896E+01
40	-0.33660E+00	0.66349E+00	-0.62850E+00	0.18983E+01	0.12513E+00	-0.23676E+01
41	-0.53119E+00	0.28671E+00	-0.77244E+00	0.19778E+01	0.14764E+00	-0.23655E+01
42	-0.61652E+00	0.33220E+00	-0.79750E+00	0.19550E+01	0.19548E+00	-0.23000E+01
43	-0.11376E+00	0.62543E+00	-0.29754E+00	0.18114E+01	0.83538E-01	-0.23094E+01
44	-0.43571E+00	0.30680E+00	-0.55369E+00	0.17572E+01	0.22094E+00	-0.21417E+01
45	-0.58906E+00	0.21238E+00	-0.64140E+00	0.18576E+01	0.15071E+00	-0.21247E+01
46	-0.29178E+00	0.44464E+00	-0.41499E+00	0.17982E+01	0.12365E+00	-0.20818E+01
47	0.34572E+00	0.85525E+00	-0.81835E-01	0.19640E+01	-0.57453E-01	-0.23198E+01
48	0.24483E+00	0.83221E+00	-0.13701E+00	0.20683E+01	0.10903E+00	-0.23285E+01
49	-0.18936E-01	0.79163E+00	-0.23941E+00	0.19899E+01	0.18938E+00	-0.23541E+01
50	-0.17522E+01	-0.56724E-01	-0.12482E+01	0.16777E+01	0.65463E+00	-0.18690E+01
51	-0.50420E+00	-0.28123E+00	-0.89614E+00	0.78069E-01	0.11408E+00	-0.47805E+00
52	-0.14519E+01	-0.10322E+01	-0.15561E+01	-0.58128E+00	0.32526E+00	0.57427E+00
53	-0.53350E+00	0.50907E+00	-0.53614E+00	0.15410E+01	0.17630E+00	-0.17531E+01
54	-0.10782E+00	0.12422E-01	-0.14605E+00	0.21973E+01	0.27091E-01	-0.28292E+01

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55	-0.22063E+00	0.15654E+00	-0.31513E+00	0.21310E+01	0.73168E-01	-0.26090E+01
56	-0.59420E+00	0.19909E+00	-0.81793E+00	0.18967E+01	0.17483E+00	-0.23132E+01
57	-0.49427E+00	0.22087E+00	-0.59333E+00	0.16953E+01	0.11519E+00	-0.20399E+01
58	-0.56524E+00	0.26547E+00	-0.63929E+00	0.14400E+01	0.12046E+01	-0.17376E+01
59	-0.62810E-01	-0.46823E-01	-0.11020E+00	0.21846E+01	0.23696E-01	-0.28460E+01
60	-0.34302E+00	-0.37349E+00	-0.40909E+00	0.21464E+01	0.71712E-01	-0.27985E+01
61	-0.26154E+00	-0.31176E+00	-0.33624E+00	0.21347E+01	0.44035E-01	-0.27959E+01
62	-0.38980E+00	-0.54859E+00	-0.42590E+00	0.21653E+01	0.18052E-01	-0.27870E+01
63	-0.31276E+00	-0.91804E-01	-0.42265E+00	0.20568E+01	0.12855E+00	-0.25981E+01
64	-0.44143E+00	-0.39412E+00	-0.55405E+00	0.19757E+01	0.11477E+00	-0.25276E+01
65	-0.55390E+00	0.84559E-01	-0.79205E+00	0.18562E+01	0.33615E+00	-0.23296E+01
66	-0.74503E+00	-0.15871E+00	-0.87255E+00	0.17409E+01	0.38816E+00	-0.21346E+01
67	-0.60709E+00	-0.42930E+00	-0.83919E+00	0.15894E+01	0.33652E+00	-0.20585E+01
68	-0.59963E+00	0.70279E-01	-0.68585E+00	0.16097E+01	0.24046E+00	-0.19954E+01
69	-0.57854E+00	-0.76943E-01	-0.67443E+00	0.15649E+01	0.23963E+00	-0.20310E+01
70	-0.92476E+00	-0.33185E+00	-0.88549E+00	0.14172E+01	0.35947E+00	-0.16978E+01
71	-0.69443E+00	0.55626E-01	-0.74986E+00	0.13744E+01	0.27068E+00	-0.16876E+01
72	-0.83651E+00	-0.10533E+00	-0.79484E+00	0.12993E+01	0.38847E+00	-0.15657E+01
73	-0.23965E+00	-0.30382E+00	-0.24202E+00	0.21206E+01	0.69336E-01	-0.23844E+01
74	-0.34862E+00	-0.30548E+00	-0.33128E+00	0.18789E+01	0.20475E+00	-0.20865E+01
75	-0.53792E+00	-0.28587E+00	-0.42262E+00	0.15312E+01	0.58708E+00	-0.16416E+01
76	-0.80801E+00	-0.19795E+00	-0.66750E+00	0.15195E+01	0.52046E+00	-0.16929E+01
77	-0.59923E+00	-0.37959E+00	-0.51238E+00	0.11512E+01	0.37512E+00	-0.12252E+01
78	-0.77138E+00	-0.52144E+00	-0.53222E+00	0.95473E+00	0.41716E+00	-0.82892E+00
79	-0.10088E+01	-0.25807E+00	-0.73851E+00	0.11010E+01	0.58384E+00	-0.11438E+01
80	-0.12649E+01	-0.40719E+00	-0.76278E+00	0.81789E+00	0.59393E+00	-0.77237E+00
81	-0.54968E+00	-0.17259E+00	-0.32681E+00	0.47879E+00	0.42530E+00	-0.42358E+00
82	-0.81803E+00	-0.53682E+00	-0.52401E+00	0.41329E+00	0.45338E+00	-0.29671E+00
83	-0.11214E+01	-0.19713E+00	-0.61414E+00	0.65973E+00	0.59135E+00	-0.53379E+00
84	-0.12557E+01	-0.29146E+00	-0.79774E+00	0.75442E+00	0.65908E+00	-0.63211E+00
85	-0.13842E+01	-0.15303E+00	-0.92379E+00	0.97410E+00	0.76110E+00	-0.91857E+00
86	-0.14053E+01	-0.19452E+00	-0.94004E+00	0.75122E+00	0.75868E+00	-0.57984E+00
87	-0.88950E+00	-0.10763E+00	-0.82844E+00	0.10050E+01	0.40899E+00	-0.12237E+01
88	-0.84149E+00	0.54417E-01	-0.81028E+00	0.10504E+01	0.33841E+00	-0.12261E+01
89	-0.90972E+00	0.38181E-01	-0.84936E+00	0.86499E+00	0.37489E+00	-0.10140E+01
90	-0.10813E+01	-0.44300E-01	-0.88841E+00	0.63774E+00	0.42940E+00	-0.60638E+00
91	-0.10984E+01	-0.12465E+00	-0.95333E+00	0.56512E+00	0.43634E+00	-0.62327E+00
92	-0.11225E+01	-0.18691E+00	-0.95146E+00	0.39338E+00	0.42332E+00	-0.32596E+00
93	-0.69477E+00	0.66744E+00	-0.51968E+00	0.10709E+01	0.20050E+00	-0.14464E+01
94	-0.73729E+00	0.20720E+00	-0.73477E+00	0.11244E+01	0.14068E+00	-0.14411E+01
95	-0.49825E+00	-0.11593E+00	-0.76415E+00	0.79237E+00	0.33594E-01	-0.10293E+01
96	-0.67063E+00	0.14892E+00	-0.74430E+00	0.11035E+01	0.10692E+00	-0.13196E+01
97	-0.43716E+00	-0.37536E-01	-0.69982E+00	0.85475E+00	0.26976E-01	-0.85930E+00
98	-0.53471E+00	0.17439E-01	-0.71881E+00	0.79175E+00	-0.43511E-02	-0.91377E+00
99	-0.61412E+00	0.21639E+00	-0.69944E+00	0.88830E+00	0.77016E-01	-0.10467E+01
100	-0.46043E+00	0.12290E+00	-0.61967E+00	0.64418E+00	-0.22240E-01	-0.63785E+00
101	-0.55591E+00	-0.49478E-01	-0.66709E+00	0.47376E+00	-0.51733E-01	-0.44044E+00
102	-0.39243E+00	0.14230E+00	-0.52233E+00	0.47111E+00	-0.39467E-01	-0.37588E+00
103	-0.28338E+00	-0.77865E-01	-0.48746E+00	0.18491E+00	-0.13781E+00	-0.16573E+00
104	-0.28407E+00	-0.10249E+00	-0.46456E+00	0.31151E-01	-0.14960E+00	-0.33425E-01
105	-0.95941E+00	0.20035E+00	-0.80936E+00	0.94742E+00	0.33088E+00	-0.14112E+01
106	-0.16121E+01	-0.92896E+00	-0.15754E+01	0.17484E-01	0.43476E+00	-0.60341E+00
107	-0.11795E+01	-0.49213E+00	-0.12186E+01	0.48518E+00	0.39214E+00	-0.10367E+01
108	-0.98212E+00	-0.43365E+00	-0.11204E+01	0.50535E+00	0.33835E+00	-0.10313E+01
109	-0.97994E+00	-0.52884E+00	-0.11778E+01	0.16837E+00	0.31605E+00	-0.60577E+00
110	-0.17190E+00	0.22370E+00	-0.54174E+00	0.72252E+00	0.23948E+00	-0.10262E+01
111	-0.49031E-01	0.14675E-02	-0.60167E+00	0.51903E+00	0.13655E+00	-0.52029E+00
112	-0.33050E-01	0.13574E-01	-0.57382E+00	0.81786E+00	0.13061E+00	-0.51348E+00
113	0.29618E+00	0.40677E+00	-0.25181E+00	0.91823E+00	0.28333E-01	-0.10500E+01
114	0.23809E+00	0.17749E+00	-0.37464E+00	0.75025E+00	-0.62072E-01	-0.50175E+00

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115	0.27470E+00	0.19463E+00	-0.30031E+00	0.12943E+01	-0.80934E-01	-0.48395E+00
116	0.15233E+00	0.37323E+00	-0.25228E+00	0.10086E+01	-0.19077E+00	-0.88268E+00
117	-0.19020E+00	-0.38429E-01	-0.50302E+00	0.11108E+01	-0.32627E+00	-0.45293E+00
118	-0.15069E+00	-0.73555E-01	-0.41913E+00	0.96094E+00	-0.34847E+00	-0.41573E+00
119	-0.67737E-01	0.27517E+00	-0.27896E+00	0.82324E+00	-0.39493E+00	-0.64567E+00
120	-0.29202E+00	-0.15922E+00	-0.43492E+00	0.83150E+00	-0.50423E+00	-0.37060E+00
121	-0.26760E+00	-0.15550E+00	-0.37959E+00	0.71141E+00	-0.51939E+00	-0.32229E+00
122	0.37041E-01	0.41582E+00	-0.96810E-01	0.68955E+00	-0.53312E+00	-0.47172E+00
123	-0.12513E+00	-0.69330E-01	-0.23092E+00	0.60008E+00	-0.63013E+00	-0.26760E+00
124	-0.11543E+00	-0.74474E-01	-0.20157E+00	0.47787E+00	-0.63995E+00	-0.21184E+00
125	-0.11447E+00	0.97019E-01	-0.21916E+00	0.40720E+00	-0.60190E+00	-0.13470E+00
126	-0.10937E+00	-0.77895E-01	-0.16014E+00	0.35159E+00	-0.65787E+00	-0.14382E+00
127	-0.11023E+00	-0.86907E-01	-0.15326E+00	0.22495E+00	-0.66174E+00	-0.10300E+00
128	0.70796E-01	0.13721E+00	-0.27536E-01	0.26210E+00	-0.64074E+00	-0.56547E-01
129	0.16525E+00	0.76146E-01	0.60487E-01	0.31590E+00	-0.67091E+00	-0.35051E-01
133	-0.10575E+01	0.41686E+00	-0.75867E+00	0.15926E+01	0.35335E+00	-0.18601E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.30445E+00	-0.20297E+01	0.17252E+01	0.30815E+02	-0.22175E+02	-0.15080E+02
131	-0.63023E-01	-0.42016E+00	0.35713E+00	0.62806E+02	-0.40189E+02	-0.49533E+02
132	-0.12779E+00	-0.85190E+00	0.72412E+00	0.10527E+03	-0.64552E+02	-0.83820E+02
133	-0.75085E-01	-0.50056E+00	0.42548E+00	0.15316E+03	-0.88976E+02	-0.12101E+03
134	-0.14587E+00	-0.97243E+00	0.82661E+00	0.20707E+03	-0.11373E+03	-0.16306E+03
135	-0.23485E+00	-0.15557E+01	0.13308E+01	0.24941E+03	-0.13189E+03	-0.19894E+03
136	-0.13429E+00	-0.89521E+00	0.76093E+00	0.28167E+03	-0.14059E+03	-0.22194E+03
137	-0.13781E+00	-0.91872E+00	0.78091E+00	0.27387E+03	-0.15199E+03	-0.25301E+03
138	-0.28216E+00	-0.18811E+01	0.12106E+01	0.27984E+03	-0.25899E+03	-0.24931E+03
139	0.43647E+00	0.29098E+01	-0.39181E+01	0.26741E+03	-0.47165E+03	-0.26575E+03
140	0.17497E+01	0.11664E+02	-0.99146E+01	0.34340E+03	-0.57094E+03	-0.29878E+03
141	0.16628E+01	0.11085E+02	-0.94225E+01	0.34006E+03	-0.57806E+03	-0.31862E+03
142	0.19049E+01	0.12699E+02	-0.10794E+02	0.35491E+03	-0.58054E+03	-0.33511E+03
143	0.19553E+01	0.13036E+02	-0.11080E+02	-0.13451E+03	-0.65402E+03	0.15061E+03
144	0.22499E+01	0.14999E+02	-0.12749E+02	-0.13410E+03	-0.64959E+03	0.13070E+03
145	-0.12082E+01	-0.80549E+01	0.11759E+01	0.16963E+03	-0.48074E+03	0.50506E+03
146	-0.48956E+00	-0.32638E+01	0.19690E+01	0.16811E+03	-0.35254E+03	0.47682E+03
147	-0.49519E+00	-0.33013E+01	0.19013E+01	0.15757E+03	-0.35847E+03	0.46625E+03
148	-0.50149E+00	-0.33432E+01	-0.85736E+00	0.15546E+03	-0.36364E+03	0.46829E+03
149	-0.50872E+00	-0.33915E+01	-0.79942E+00	0.15814E+03	-0.36882E+03	0.48039E+03
150	-0.57323E+00	-0.38216E+01	-0.54197E+00	0.12593E+03	-0.39345E+03	0.46387E+03
151	-0.68430E+00	-0.45620E+01	-0.10205E+02	0.12732E+03	-0.44087E+03	0.47691E+03
152	-0.65509E+00	-0.43672E+01	-0.18099E+02	0.12623E+03	-0.42140E+03	0.47169E+03
153	-0.61177E+00	-0.40765E+01	-0.16022E+02	0.11240E+03	-0.39435E+03	0.45952E+03
154	-0.51890E+00	-0.34593E+01	-0.30431E+02	0.10142E+03	-0.33357E+03	0.44458E+03
155	-0.36707E+00	-0.25805E+01	-0.24948E+02	0.10237E+03	-0.24475E+03	0.41372E+03
156	-0.27779E+00	-0.18519E+01	-0.21367E+02	0.88065E+02	-0.17351E+03	0.38128E+03
157	-0.18664E+00	-0.12443E+01	-0.17162E+02	0.80220E+02	-0.11342E+03	0.33740E+03
158	-0.11054E+00	-0.73693E+00	-0.14452E+02	0.68273E+02	-0.64061E+02	0.29464E+03
159	-0.46488E-01	-0.32325E+00	-0.10429E+02	0.50223E+02	-0.25059E+02	0.24159E+03
160	-0.12339E-03	-0.82263E-03	-0.77231E+01	0.39551E+02	0.58497E+01	0.19178E+03
161	0.40176E-01	0.26764E+00	-0.45324E+01	0.27249E+02	0.29378E+02	0.13282E+03
162	0.62293E-01	0.41529E+00	-0.13451E+01	0.19454E+02	0.39719E+02	0.90783E+02
163	0.87862E-01	0.58588E+00	-0.12491E+01	0.36713E+01	0.52469E+02	0.61845E+02
164	0.11115E+00	0.74121E+00	-0.62191E+00	-0.21273E+01	0.65364E+02	0.32453E+02

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165	0.62035E+02	0.14051E+02	-0.39638E+01	0.14286E+01	0.74054E+02	0.19460E+02
166	0.52466E+02	0.11110E+02	-0.25544E+01	0.87523E+00	0.70547E+02	0.18503E+02
167	0.43939E+02	0.82616E+01	-0.12376E+01	0.57561E+00	0.62019E+02	0.17709E+02
168	0.36016E+02	0.60326E+01	-0.34745E+00	0.25938E+00	0.52858E+02	0.17051E+02
169	0.26403E+02	0.39656E+01	0.20038E+00	-0.83770E-02	0.47733E+02	0.16321E+02
170	0.16588E+02	0.20122E+01	0.66606E+00	-0.33197E+00	0.46028E+02	0.15450E+02
171	0.43870E+01	-0.18211E+00	0.10596E+01	-0.81121E+00	0.41629E+02	0.14101E+02
172	-0.29339E+01	-0.15071E+01	0.11726E+01	-0.13692E+01	0.34479E+02	0.12413E+02
173	-0.52425E+01	-0.15811E+01	0.86450E+00	-0.17340E+01	0.26013E+02	0.10922E+02
174	-0.54921E+01	-0.11008E+01	0.33847E+00	-0.18858E+01	0.18260E+02	0.93735E+01
175	-0.19082E+01	-0.10135E+00	-0.11908E+00	-0.16131E+01	0.12794E+02	0.80912E+01
176	0.14162E+00	0.30906E+00	-0.22668E+00	-0.12395E+01	0.11588E+02	0.71633E+01
177	0.93257E+00	0.31649E+00	-0.13468E+00	-0.81749E+00	0.11144E+02	0.57941E+01
178	0.46032E+00	0.59709E-01	0.21644E-01	-0.52322E+00	0.82625E+01	0.41974E+01
179	-0.15898E+00	-0.57202E-01	0.39088E-01	-0.48948E+00	0.58689E+01	0.29543E+01
180	0.51239E-02	-0.92643E-02	0.13096E-01	-0.41326E+00	0.34612E+01	0.17822E+01
181	-0.42402E-01	-0.56072E-01	0.46175E-01	-0.41755E+00	0.15929E+01	0.61045E+00
182	0.18716E+00	0.86929E-01	-0.51178E-01	-0.17985E+00	-0.39642E+00	-0.34496E-01

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8200E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.16734E-01	-0.40449E-04	-0.16755E-01	0.00000E+00
3	0.31269E-01	0.20977E-04	-0.31346E-01	0.00000E+00
4	0.34803E-01	0.62495E-04	-0.35002E-01	0.00000E+00
5	0.39667E-01	0.40185E-04	-0.39689E-01	0.00000E+00
6	0.42752E-01	-0.18874E-05	-0.42764E-01	0.00000E+00
7	0.39719E-01	0.17023E-03	-0.39571E-01	0.00000E+00
8	0.42831E-01	0.61705E-04	-0.42769E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.16295E-01	0.10451E-03	-0.16074E-01	0.00000E+00
11	0.30682E-01	0.24085E-03	-0.30325E-01	0.00000E+00
12	0.34531E-01	0.26873E-03	-0.34145E-01	0.00000E+00
13	0.39700E-01	0.14329E-03	-0.39289E-01	0.00000E+00
14	0.43051E-01	-0.19264E-04	-0.42775E-01	0.00000E+00
15	0.39834E-01	0.17030E-03	-0.39186E-01	0.00000E+00
16	0.43424E-01	-0.11397E-03	-0.42822E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.15864E-01	0.87559E-04	-0.15228E-01	0.00000E+00
19	0.30232E-01	0.16929E-03	-0.29124E-01	0.00000E+00
20	0.34314E-01	0.17172E-03	-0.33106E-01	0.00000E+00
21	0.39945E-01	-0.38919E-04	-0.38773E-01	0.00000E+00
22	0.43967E-01	-0.33246E-03	-0.42945E-01	0.00000E+00
23	0.40117E-01	-0.23731E-03	-0.38287E-01	0.00000E+00
24	0.44709E-01	-0.78677E-03	-0.43217E-01	0.00000E+00
25	0.45149E-01	-0.97074E-03	-0.43443E-01	0.00000E+00
26	0.45415E-01	-0.11513E-02	-0.43604E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.15375E-01	-0.10335E-03	-0.13335E-01	0.00000E+00
29	0.29597E-01	-0.32134E-03	-0.26089E-01	0.00000E+00
30	0.33551E-01	-0.43875E-03	-0.30252E-01	0.00000E+00
31	0.40234E-01	-0.75924E-03	-0.37256E-01	0.00000E+00
32	0.45686E-01	-0.14306E-02	-0.43781E-01	0.00000E+00
33	0.40230E-01	-0.82872E-03	-0.36703E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.15221E-01	-0.19615E-03	-0.12466E-01	0.00000E+00
36	0.29370E-01	-0.52259E-03	-0.24556E-01	0.00000E+00
37	0.33595E-01	-0.75475E-03	-0.28469E-01	0.00000E+00
38	0.40198E-01	-0.10664E-02	-0.35973E-01	0.00000E+00
39	0.46007E-01	-0.14049E-02	-0.43904E-01	0.00000E+00
40	0.45942E-01	-0.14017E-02	-0.43881E-01	0.00000E+00
41	0.45879E-01	-0.13995E-02	-0.43863E-01	0.00000E+00
42	0.45811E-01	-0.13996E-02	-0.43846E-01	0.00000E+00
43	0.32979E-01	-0.10270E-02	-0.24005E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.14346E-01	-0.29997E-03	-0.81501E-02	0.00000E+00
46	0.27805E-01	-0.82926E-03	-0.16172E-01	0.00000E+00
47	0.46019E-01	-0.14048E-02	-0.43849E-01	0.00000E+00
48	0.46029E-01	-0.14050E-02	-0.43913E-01	0.00000E+00
49	0.40175E-01	-0.11410E-02	-0.35642E-01	0.00000E+00
50	0.46058E-01	-0.14149E-02	-0.44094E-01	0.00000E+00
51	0.39427E-01	-0.13265E-02	-0.29989E-01	0.00000E+00
52	0.44914E-01	-0.11002E-02	-0.35909E-01	0.00000E+00
53	0.45984E-01	-0.13966E-02	-0.43626E-01	0.00000E+00
54	0.31788E-01	-0.10189E-02	-0.18350E-01	0.00000E+00
55	0.36027E-01	-0.12441E-02	-0.23350E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.13027E-01	-0.44431E-03	-0.29213E-02	0.00000E+00
58	0.25354E-01	-0.92996E-03	-0.67781E-02	0.00000E+00
59	0.42963E-01	-0.13914E-02	-0.27283E-01	0.00000E+00
60	0.44412E-01	-0.11521E-02	-0.33366E-01	0.00000E+00
61	0.46067E-01	-0.14174E-02	-0.44186E-01	0.00000E+00
62	0.29029E-01	-0.12843E-02	-0.78190E-02	0.00000E+00
63	0.34436E-01	-0.16924E-02	-0.96938E-02	0.00000E+00
64	0.45177E-01	-0.11271E-02	-0.36127E-01	0.00000E+00
65	0.46075E-01	-0.14198E-02	-0.44278E-01	0.00000E+00
66	0.46143E-01	-0.14251E-02	-0.44463E-01	0.00000E+00
67	0.46211E-01	-0.14323E-02	-0.44648E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.11763E-01	-0.39318E-03	0.12973E-02	0.00000E+00
70	0.22512E-01	-0.12368E-02	0.19700E-02	0.00000E+00
71	0.39408E-01	-0.21597E-02	-0.11831E-01	0.00000E+00
72	0.45220E-01	-0.10996E-02	-0.34090E-01	0.00000E+00
73	0.30538E-01	-0.21190E-02	-0.20822E-02	0.00000E+00
74	0.46681E-01	-0.12113E-02	-0.35190E-01	0.00000E+00
75	0.46268E-01	-0.14416E-02	-0.44826E-01	0.00000E+00
76	0.46634E-01	-0.14652E-02	-0.45151E-01	0.00000E+00
77	0.34803E-01	-0.25464E-02	0.18442E-02	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.10609E-01	-0.48865E-03	0.52513E-02	0.00000E+00
80	0.19753E-01	-0.13568E-02	0.10159E-01	0.00000E+00
81	0.22272E-01	-0.18800E-02	0.11478E-01	0.00000E+00
82	0.26260E-01	-0.23308E-02	0.12731E-01	0.00000E+00
83	0.43835E-01	-0.26115E-02	-0.14344E-01	0.00000E+00
84	0.35121E-01	-0.32782E-02	0.10642E-01	0.00000E+00
85	0.47404E-01	-0.14971E-02	-0.45585E-01	0.00000E+00
86	0.48242E-01	-0.15006E-02	-0.36658E-01	0.00000E+00
87	0.29957E-01	-0.28442E-02	0.13463E-01	0.00000E+00
88	0.46621E-01	-0.19828E-02	-0.25855E-01	0.00000E+00
89	0.48101E-01	-0.15322E-02	-0.46012E-01	0.00000E+00
90	0.18773E-01	-0.14617E-02	0.23723E-01	0.00000E+00
91	0.20320E-01	-0.17612E-02	0.25924E-01	0.00000E+00
92	0.21514E-01	-0.19802E-02	0.26657E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.51334E-02	0.00000E+00	0.14589E-01	0.00000E+00
95	0.97443E-02	0.00000E+00	0.26583E-01	0.00000E+00
96	0.10827E-01	0.00000E+00	0.29399E-01	0.00000E+00
97	0.12285E-01	0.00000E+00	0.31773E-01	0.00000E+00
98	0.12651E-01	0.00000E+00	0.32430E-01	0.00000E+00
99	0.16440E-01	-0.11306E-02	0.28834E-01	0.00000E+00
100	0.24196E-01	-0.23632E-02	0.24802E-01	0.00000E+00
101	0.38771E-01	-0.37918E-02	0.98965E-02	0.00000E+00
102	0.49931E-01	-0.15948E-02	-0.46643E-01	0.00000E+00
103	0.46479E-01	-0.29329E-02	-0.15728E-01	0.00000E+00
104	0.51039E-01	-0.18807E-02	-0.38677E-01	0.00000E+00
105	0.51477E-01	-0.16584E-02	-0.47245E-01	0.00000E+00
106	0.48330E-01	-0.32529E-02	-0.17156E-01	0.00000E+00
107	0.53172E-01	-0.21522E-02	-0.40307E-01	0.00000E+00
108	0.52796E-01	-0.17330E-02	-0.47616E-01	0.00000E+00
109	0.53869E-01	-0.18083E-02	-0.48340E-01	0.00000E+00
110	0.51007E-01	-0.37331E-02	-0.19585E-01	0.00000E+00
111	0.54813E-01	-0.24006E-02	-0.41725E-01	0.00000E+00
112	0.54754E-01	-0.18877E-02	-0.43820E-01	0.00000E+00
113	0.52592E-01	-0.36938E-02	-0.24631E-01	0.00000E+00
114	0.55402E-01	-0.19712E-02	-0.49241E-01	0.00000E+00
115	0.55847E-01	-0.20529E-02	-0.49609E-01	0.00000E+00
116	0.56049E-01	-0.21298E-02	-0.49901E-01	0.00000E+00

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117	0.55519E-01	-0.27751E-02	-0.42780E-01	0.00000E+00
118	0.56053E-01	-0.21661E-02	-0.50027E-01	0.00000E+00
119	0.56015E-01	-0.22203E-02	-0.50194E-01	0.00000E+00
120	0.56146E-01	-0.32498E-02	-0.44086E-01	0.00000E+00
121	0.55949E-01	-0.32941E-02	-0.50387E-01	0.00000E+00
122	0.55941E-01	-0.23581E-02	-0.50506E-01	0.15951E-04
123	0.55892E-01	-0.24978E-02	-0.50605E-01	0.29113E-04
124	0.55905E-01	-0.27255E-02	-0.50705E-01	0.45112E-04
125	0.55651E-01	-0.30647E-02	-0.50809E-01	0.65687E-04
126	0.55263E-01	-0.38877E-02	-0.50981E-01	0.94527E-04
127	0.54776E-01	-0.49115E-02	-0.51148E-01	0.10667E-03
128	0.53742E-01	-0.72265E-02	-0.51490E-01	0.96674E-04
129	0.52984E-01	-0.90366E-02	-0.51804E-01	0.65736E-04
130	0.52544E-01	-0.10188E-01	-0.52146E-01	0.23942E-04
131	0.52635E-01	-0.99980E-02	-0.52665E-01	-0.24618E-04
132	0.53139E-01	-0.83940E-02	-0.53119E-01	-0.41219E-04
133	0.53623E-01	-0.66017E-02	-0.53519E-01	-0.36974E-04
134	0.53942E-01	-0.51343E-02	-0.53841E-01	-0.29683E-04
135	0.54157E-01	-0.38944E-02	-0.54097E-01	-0.26919E-04
136	0.54313E-01	-0.26818E-02	-0.54285E-01	-0.27377E-04
137	0.54404E-01	-0.14837E-02	-0.54396E-01	-0.27431E-04
138	0.54465E-01	-0.22110E-03	-0.54466E-01	-0.27882E-04
139	0.54466E-01	-0.27510E-04	-0.54466E-01	-0.27525E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8200E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.69514E-01	-0.12913E-01	0.98270E-02	0.20362E+01	0.10760E-01	-0.20087E+01
2	-0.12866E+00	-0.10866E-01	0.16916E-01	0.17692E+01	0.39058E-01	-0.17750E+01
3	-0.15701E+00	-0.30299E-03	-0.45739E-01	0.13862E+01	0.10770E+00	-0.14158E+01
4	-0.15601E-01	-0.44088E-01	-0.60783E-01	0.10773E+01	0.34427E-01	-0.10648E+01
5	-0.62408E-01	-0.11332E-01	0.27074E-01	0.11131E+01	0.57164E-01	-0.11131E+01
6	0.70296E-02	-0.40410E-01	0.82193E-01	0.11150E+01	0.16818E-01	-0.11356E+01
7	0.64154E-01	0.81551E-02	0.75456E-01	0.71312E+00	-0.63222E-02	-0.72733E+00
8	0.95464E-01	-0.16580E-02	0.11305E+00	0.71459E+00	-0.21075E-02	-0.75974E+00
9	-0.80632E-02	0.48326E-01	0.46715E-01	0.19647E+01	0.21375E-01	-0.19153E+01
10	-0.30091E-01	0.63805E-01	0.96320E-01	0.17538E+01	0.48599E-01	-0.17278E+01
11	-0.52980E-01	0.59953E-01	0.20465E+00	0.14412E+01	0.93172E-01	-0.14520E+01
12	0.18646E+00	0.83445E-01	0.21240E+00	0.11247E+01	-0.18622E-01	-0.11296E+01
13	0.19203E-01	0.36753E-01	0.14861E+00	0.11638E+01	0.48742E-01	-0.12169E+01
14	0.13618E+00	0.49578E-02	0.19569E+00	0.11822E+01	0.24851E-01	-0.12327E+01
15	0.21427E+00	0.22553E-01	0.19264E+00	0.77171E+00	-0.29878E-01	-0.80152E+00
16	0.27316E+00	0.25489E-01	0.24385E+00	0.81439E+00	-0.18249E-01	-0.87116E+00
17	-0.32984E-01	0.19820E-02	0.44693E-01	0.19019E+01	0.50915E-01	-0.17454E+01
18	-0.65388E-01	0.27227E-02	0.13048E+00	0.17215E+01	0.13007E+00	-0.16274E+01
19	-0.10599E+00	0.17400E-01	0.34667E+00	0.14453E+01	0.30008E+00	-0.14869E+01
20	0.23770E+00	0.84307E-01	0.29254E+00	0.11842E+01	0.29130E-01	-0.12262E+01
21	-0.22140E-01	0.13568E-01	0.21983E+00	0.12524E+01	0.17437E+00	-0.14214E+01
22	0.20156E+00	0.21561E-01	0.33842E+00	0.12913E+01	0.92159E-01	-0.15023E+01
23	0.33818E+00	-0.15690E-01	0.28391E+00	0.90644E+00	-0.36072E-01	-0.10062E+01
24	0.69464E+00	0.13066E+00	0.49409E+00	0.96274E+00	-0.13989E+00	-0.10818E+01
25	0.29143E+00	-0.85982E-01	0.27099E+00	0.10303E+01	0.11023E-01	-0.12754E+01
26	0.78053E+00	0.10917E+00	0.54581E+00	0.10309E+01	-0.13923E+00	-0.14287E+01
27	-0.67791E-01	-0.67728E-01	0.26587E-01	0.18587E+01	0.75011E-01	-0.15749E+01
28	-0.89957E-01	-0.65632E-01	0.15877E+00	0.16986E+01	0.20826E+00	-0.15114E+01
29	-0.19220E+00	-0.89634E-01	0.44886E+00	0.14308E+01	0.58804E+00	-0.14560E+01
30	0.10588E+00	-0.28799E-01	0.30820E+00	0.13454E+01	0.20072E+00	-0.14976E+01
31	-0.16448E+00	-0.11743E+00	0.21231E+00	0.13218E+01	0.38801E+00	-0.15801E+01
32	0.88680E-01	-0.85519E-02	0.36266E+00	0.12902E+01	0.31317E+00	-0.16016E+01
33	0.59576E+00	0.20475E-01	0.45961E+00	0.12561E+01	-0.39950E-01	-0.15235E+01
34	0.15381E+01	0.66291E+00	0.10810E+01	0.13370E+01	-0.37721E+00	-0.16891E+01
35	0.18725E+00	-0.23603E+00	0.17953E+00	0.13572E+01	-0.93185E-01	-0.16897E+01
36	-0.18811E+00	-0.36893E+00	0.31067E-01	0.12385E+01	0.34057E+00	-0.17856E+01
37	0.43957E+00	0.12322E+00	0.43881E+00	0.13947E+01	-0.10292E+00	-0.18741E+01
38	-0.12910E+00	-0.12836E+00	0.20418E-01	0.18032E+01	0.10713E+00	-0.12574E+01
39	-0.22197E+00	-0.15555E+00	0.19916E+00	0.16728E+01	0.31986E+00	-0.12199E+01
40	-0.32113E+00	-0.14596E+00	0.57234E+00	0.14728E+01	0.97679E+00	-0.14012E+01
41	-0.45990E+00	-0.27879E+00	0.64626E+00	0.15671E+01	0.84111E+00	-0.13040E+01
42	-0.66805E+00	-0.13983E+00	0.80473E+00	0.14627E+01	0.10421E+01	-0.94757E+00
43	-0.27416E+00	-0.28238E+00	0.19227E+00	0.13720E+01	0.55489E+00	-0.16288E+01
44	-0.33143E+00	-0.18929E+00	0.31240E+00	0.13633E+01	0.84181E+00	-0.12681E+01
45	-0.66971E+00	-0.33577E+00	0.28448E+00	0.14107E+01	0.85425E+00	-0.12698E+01
46	-0.33984E+00	-0.43065E-01	0.57362E+00	0.13530E+01	0.59420E+00	-0.95162E+00
47	0.99727E-01	-0.67454E-01	0.25760E+00	0.13233E+01	0.25693E+00	-0.19054E+01
48	-0.16845E+00	-0.21915E+00	0.65204E-01	0.14075E+01	0.16202E+00	-0.19405E+01
49	-0.35671E+00	-0.25075E+00	0.88496E-01	0.14153E+01	0.65632E+00	-0.21688E+01
50	-0.12571E+01	-0.45153E+00	-0.21490E+00	0.12486E+01	0.16479E+01	-0.12520E+01
51	-0.91561E-01	-0.56282E-01	0.96521E-01	0.63295E-01	0.18480E+00	-0.35317E+00
52	0.10157E-01	0.55137E+00	0.50277E+00	-0.39128E+00	0.94382E+00	0.32595E+01
53	-0.53647E+00	0.27755E-01	0.56376E+00	0.11055E+01	0.95272E+00	-0.97911E+00
54	-0.22023E+00	-0.21449E+00	0.24008E-02	0.16675E+01	0.12876E+00	-0.67371E+00

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55	-0.25857E+00	-0.20654E+00	0.47679E+00	0.15669E+01	0.35651E+00	-0.71623E+00
56	-0.74124E+00	-0.17652E+00	0.10173E+01	0.13771E+01	0.10007E+01	-0.65050E+00
57	-0.58223E+00	-0.16807E+00	0.63974E+00	0.12306E+01	0.73397E+00	-0.66666E+00
58	-0.61492E+00	-0.12875E+00	0.75920E+00	0.10206E+01	0.88398E+00	-0.62802E+00
59	-0.40142E-01	-0.14375E+00	0.48397E-01	0.15922E+01	-0.44269E-01	-0.35510E+00
60	-0.36511E+00	-0.27590E+00	0.11735E-01	0.14415E+01	0.21361E+00	0.16204E+00
61	-0.27023E+00	-0.19769E+00	0.11391E+00	0.14307E+01	0.18251E+00	0.16186E+00
62	-0.14576E-01	-0.13402E+00	0.97564E-01	0.12967E+01	-0.56080E-01	0.64355E+00
63	-0.38300E+00	-0.24442E+00	0.34059E+00	0.14009E+01	0.26418E+00	-0.18502E+00
64	-0.37365E+00	-0.29593E+00	0.36610E+00	0.12078E+01	0.21885E+00	0.35048E+00
65	-0.60903E+00	-0.23532E+00	0.11507E+01	0.13026E+01	0.71997E+00	-0.35144E+00
66	-0.99179E+00	-0.25393E+00	0.12428E+01	0.11070E+01	0.79340E+00	-0.16982E-01
67	-0.76893E+00	-0.34344E+00	0.12869E+01	0.90571E+00	0.57778E+00	0.51528E+00
68	-0.74302E+00	-0.24749E+00	0.74272E+00	0.11344E+01	0.61207E+00	-0.37982E+00
69	-0.60215E+00	-0.24912E+00	0.79358E+00	0.10375E+01	0.43119E+00	0.74814E-01
70	-0.86445E+00	-0.31455E+00	0.76105E+00	0.84581E+00	0.48434E+00	0.29782E+00
71	-0.75956E+00	-0.21822E+00	0.89244E+00	0.96322E+00	0.64360E+00	-0.22302E+00
72	-0.83657E+00	-0.24794E+00	0.93010E+00	0.33823E+00	0.47868E+00	0.87303E-01
73	-0.13841E+00	-0.97748E-01	0.10308E+00	0.96653E+00	0.15049E-01	0.12135E+01
74	-0.25634E+00	-0.78556E-01	0.43132E+00	0.85752E+00	0.34266E-01	0.10366E+01
75	-0.68649E+00	-0.91705E-01	0.12122E+01	0.71949E+00	0.73637E-01	0.77092E+00
76	-0.65464E+00	-0.20109E+00	0.83564E+00	0.90183E+00	0.55643E-01	0.29207E+00
77	-0.49439E+00	-0.21453E+00	0.73932E+00	0.52247E+00	0.24395E-01	0.72206E+00
78	-0.30202E+00	0.26022E+00	0.95257E+00	0.37930E+00	0.26415E-02	0.51828E+00
79	-0.77968E+00	-0.21374E+00	0.86170E+00	0.61037E+00	0.58491E-01	0.33982E+00
80	-0.79492E+00	-0.20616E+00	0.73365E+00	0.39360E+00	-0.13559E+00	0.49004E+00
81	-0.50288E+00	-0.93611E-01	0.80425E+00	0.21572E+00	-0.23627E-01	0.29845E+00
82	-0.42554E+00	0.19165E+00	0.90466E+00	0.17140E+00	-0.63604E-01	0.14539E+00
83	-0.71021E+00	-0.11340E+00	0.85266E+00	0.39010E+00	-0.15275E+00	0.21831E+00
84	-0.93537E+00	-0.23300E+00	0.84442E+00	0.39776E+00	0.53872E-01	0.30472E+00
85	-0.10800E+01	-0.19697E+00	0.94892E+00	0.65438E+00	0.11783E+00	-0.22226E-01
86	-0.10396E+01	-0.19243E+00	0.10454E+01	0.53561E+00	0.89808E-01	-0.64876E-01
87	-0.79139E+00	-0.15654E+00	0.11179E+01	0.64277E+00	0.47229E+00	0.26170E+00
88	-0.89478E+00	-0.20923E+00	0.93999E+00	0.73128E+00	0.74270E+00	-0.26767E+00
89	-0.97221E+00	-0.23421E+00	0.99616E+00	0.68117E+00	0.77955E+00	-0.33100E+00
90	-0.99393E+00	-0.13520E+00	0.11428E+01	0.46280E+00	0.79115E+00	-0.55503E-01
91	-0.11442E+01	-0.31701E+00	0.95823E+00	0.47299E+00	0.86480E+00	-0.33681E+00
92	-0.10858E+01	-0.23611E+00	0.10233E+01	0.39221E+00	0.86145E+00	-0.32767E+00
93	-0.64300E+00	0.12621E+00	0.36051E+00	0.82047E+00	0.11013E+01	-0.75788E+00
94	-0.74358E+00	-0.19911E+00	0.54927E+00	0.77677E+00	0.10265E+01	-0.67827E+00
95	-0.48462E+00	-0.30157E+00	0.55312E+00	0.57199E+00	0.10833E+01	-0.56297E+00
96	-0.59853E+00	-0.12915E+00	0.85631E+00	0.81907E+00	0.97676E+00	-0.47865E+00
97	-0.40174E+00	-0.15967E+00	0.64833E+00	0.69543E+00	0.10772E+01	-0.50890E+00
98	-0.53450E+00	-0.18471E+00	0.84835E+00	0.53063E+00	0.10320E+01	-0.41015E+00
99	-0.51643E+00	-0.11638E-01	0.10968E+01	0.63946E+00	0.93530E+00	-0.33155E+00
100	-0.42929E+00	-0.40753E-03	0.98893E+00	0.47192E+00	0.10295E+01	-0.35547E+00
101	-0.56268E+00	-0.90511E-01	0.80729E+00	0.37563E+00	0.10688E+01	-0.33181E+00
102	-0.44259E+00	0.16153E-01	0.11299E+01	0.39300E+00	0.10012E+01	-0.36556E+00
103	-0.29751E+00	-0.47355E-01	0.88903E+00	0.12015E+00	0.10377E+01	-0.22539E+00
104	-0.36075E+00	-0.12620E+00	0.81175E+00	0.74267E-01	0.10447E+01	-0.23691E+00
105	-0.53711E+00	-0.22111E-01	0.41971E+00	0.73866E+00	0.12812E+01	-0.62830E+00
106	-0.79582E+00	-0.42120E+00	-0.18021E+00	0.92568E-01	0.13091E+01	-0.36714E+00
107	-0.63597E+00	-0.37089E+00	-0.23173E-01	0.39971E+00	0.12794E+01	-0.40984E+00
108	-0.43608E+00	-0.32410E+00	0.84997E-01	0.41127E+00	0.12624E+01	-0.42680E+00
109	-0.32954E+00	-0.11087E+00	0.16212E+00	0.19132E+00	0.12838E+01	-0.36882E+00
110	0.10187E+00	0.12205E+00	0.52824E+00	0.59742E+00	0.12269E+01	-0.48989E+00
111	0.42104E+00	0.35727E+00	0.65064E+00	0.43053E+00	0.12277E+01	-0.31831E+00
112	0.43210E+00	0.36753E+00	0.66801E+00	0.65989E+00	0.12246E+01	-0.31714E+00
113	0.36502E+00	0.11431E+00	0.74342E+00	0.65330E+00	0.11112E+01	-0.56284E+00
114	0.52152E+00	0.42612E+00	0.74353E+00	0.57060E+00	0.11366E+01	-0.30923E+00

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115	0.54959E+00	0.44353E+00	0.79644E+00	0.99558E+00	0.11242E+01	-0.30294E+00
116	0.21470E+00	0.87322E-01	0.72437E+00	0.74463E+00	0.99999E+00	-0.50743E+00
117	0.17487E+00	0.22444E+00	0.62769E+00	0.80754E+00	0.99322E+00	-0.28287E+00
118	0.20825E+00	0.24607E+00	0.68952E+00	0.68406E+00	0.97899E+00	-0.26487E+00
119	0.10158E+00	0.14141E+00	0.76662E+00	0.53913E+00	0.88815E+00	-0.39600E+00
120	0.56182E-01	0.16335E+00	0.63794E+00	0.53480E+00	0.89135E+00	-0.23611E+00
121	0.79591E-01	0.18242E+00	0.67739E+00	0.43286E+00	0.88332E+00	-0.21071E+00
122	0.12174E+00	0.19343E+00	0.83273E+00	0.39195E+00	0.80442E+00	-0.33298E+00
123	0.18782E+00	0.25679E+00	0.77057E+00	0.29273E+00	0.80616E+00	-0.17554E+00
124	0.20167E+00	0.27245E+00	0.78953E+00	0.18238E+00	0.80360E+00	-0.14507E+00
125	0.56672E-01	0.33106E-01	0.74852E+00	0.11881E+00	0.74236E+00	-0.22866E+00
126	0.24830E+00	0.30836E+00	0.81402E+00	0.21963E-01	0.75309E+00	-0.99929E-01
127	0.25045E+00	0.31514E+00	0.81261E+00	-0.82358E-01	0.75486E+00	-0.76461E-01
128	0.37612E+00	0.27752E+00	0.88887E+00	-0.25524E-01	0.69444E+00	-0.16541E+00
129	0.78756E+00	0.65439E+00	0.11285E+01	-0.16476E+00	0.65611E+00	-0.38906E-01
183	-0.76233E+00	-0.43572E-01	0.31033E+00	0.11567E+01	0.13484E+01	-0.12553E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.39025E-01	-0.26017E+00	0.22114E+00	0.14778E+02	0.13079E+02	-0.50530E+01
131	0.47397E-01	0.31598E+00	-0.26858E+00	0.44818E+02	0.27508E+02	-0.95747E+01
132	0.24205E-01	0.16137E+00	-0.13716E+00	0.75255E+02	0.43655E+02	-0.17849E+02
133	0.39541E-01	0.26360E+00	-0.22406E+00	0.10921E+03	0.59164E+02	-0.28476E+02
134	0.64908E-01	0.43272E+00	-0.36781E+00	0.14785E+03	0.73701E+02	-0.44215E+02
135	0.38401E-01	0.25601E+00	-0.21760E+00	0.17466E+03	0.82384E+02	-0.60561E+02
136	0.78029E-01	0.52019E+00	-0.44217E+00	0.19982E+03	0.87592E+02	-0.74132E+02
137	0.12171E+00	0.81140E+00	-0.68969E+00	0.20252E+03	0.88528E+02	-0.79219E+02
138	-0.18060E+00	-0.12040E+01	0.97798E+00	0.21045E+03	0.11918E+03	-0.88218E+02
139	-0.34741E+00	-0.23161E+01	0.19012E+01	0.20942E+03	0.17763E+03	-0.90063E+02
140	-0.43080E+00	-0.28720E+01	0.24412E+01	0.26293E+03	0.21467E+03	-0.10527E+03
141	-0.39051E+00	-0.26034E+01	0.22129E+01	0.26737E+03	0.21497E+03	-0.11148E+03
142	-0.43843E+00	-0.29229E+01	0.24845E+01	0.28170E+03	0.21675E+03	-0.12232E+03
143	-0.44809E+00	-0.29873E+01	0.25392E+01	-0.92699E+02	0.16209E+03	0.24427E+03
144	-0.57499E+00	-0.33333E+01	0.32583E+01	-0.89034E+02	0.16969E+03	0.24231E+03
145	0.31773E+00	0.21182E+01	0.33290E+01	-0.33005E+02	0.12816E+03	0.37251E+03
146	0.11978E+00	0.79855E+00	0.18817E+01	-0.59314E+01	0.91538E+02	0.28190E+03
147	0.11457E+00	0.76380E+00	0.18924E+01	-0.52529E+01	0.87617E+02	0.28097E+03
148	0.10833E+00	0.72219E+00	-0.26621E+00	-0.81113E+01	0.82373E+02	0.28087E+03
149	0.10103E+00	0.67353E+00	-0.26017E+00	-0.16719E+02	0.75449E+02	0.28275E+03
150	0.10402E+00	0.69348E+00	0.96847E-01	-0.26795E+02	0.70807E+02	0.27796E+03
151	0.12107E+00	0.80713E+00	-0.72880E+01	-0.41497E+02	0.75155E+02	0.28239E+03
152	0.13664E+00	0.91094E+00	-0.13296E+02	-0.40736E+02	0.85736E+02	0.28108E+03
153	0.16172E+00	0.10781E+01	-0.11790E+02	-0.43781E+02	0.10214E+03	0.27585E+03
154	0.22250E+00	0.14833E+01	-0.22959E+02	-0.48789E+02	0.14224E+03	0.26975E+03
155	0.31122E+00	0.20748E+01	-0.19076E+02	-0.40921E+02	0.20305E+03	0.25400E+03
156	0.38125E+00	0.25417E+01	-0.15992E+02	-0.46142E+02	0.24935E+03	0.23717E+03
157	0.43492E+00	0.28995E+01	-0.12737E+02	-0.41556E+02	0.28611E+03	0.21266E+03
158	0.47442E+00	0.31628E+01	-0.10279E+02	-0.42077E+02	0.31258E+03	0.18911E+03
159	0.50058E+00	0.33372E+01	-0.71921E+01	-0.44064E+02	0.32986E+03	0.15861E+03
160	0.51316E+00	0.34211E+01	-0.45710E+01	-0.40847E+02	0.33881E+03	0.13045E+03
161	0.56561E+00	0.37707E+01	-0.16325E+01	-0.36433E+02	0.35039E+03	0.95006E+02
162	0.56616E+00	0.37744E+01	0.11843E+01	-0.30871E+02	0.32984E+03	0.69439E+02
163	0.63606E+00	0.42404E+01	0.20848E+01	-0.27353E+02	0.37166E+03	0.51291E+02
164	0.61115E+00	0.40744E+01	0.23788E+01	-0.41187E+02	0.35488E+03	0.44605E+02

165	0.54339E+03	0.48175E+02	0.35523E+01	0.19006E+02	0.35463E+03	0.40208E+02
166	0.27828E+03	0.35618E+02	0.64845E+01	0.14098E+02	0.32828E+03	0.35739E+02
167	0.21992E+03	0.26305E+02	0.67555E+01	0.11223E+02	0.27909E+03	0.32061E+02
168	0.16698E+03	0.19108E+02	0.60573E+01	0.83523E+01	0.22898E+03	0.28951E+02
169	0.10478E+03	0.89756E+01	0.67494E+01	0.56895E+01	0.19465E+03	0.25478E+02
170	0.43197E+02	-0.22553E+01	0.86329E+01	0.26967E+01	0.17185E+03	0.21542E+02
171	-0.18397E+02	-0.12737E+02	0.96289E+01	-0.12706E+01	0.13123E+03	0.16158E+02
172	-0.54061E+02	-0.17228E+02	0.86108E+01	-0.52354E+01	0.78689E+02	0.10596E+02
173	-0.53220E+02	-0.13692E+02	0.52563E+01	-0.73916E+01	0.33989E+02	0.70695E+01
174	-0.30612E+02	-0.64591E+01	0.16123E+01	-0.77496E+01	0.32407E+01	0.52529E+01
175	-0.68532E+01	-0.64789E+00	-0.41125E+00	-0.60244E+01	-0.24934E+01	0.51751E+01
176	0.12803E+01	0.73400E+00	-0.52035E+00	-0.43775E+01	0.26969E+01	0.53391E+01
177	0.17006E+01	0.48337E+00	-0.22047E+00	-0.31257E+01	0.56893E+01	0.45523E+01
178	0.46456E+00	0.76311E-01	-0.15487E-01	-0.22050E+01	0.46704E+01	0.32983E+01
179	-0.30870E-01	-0.35574E-01	0.12986E-01	-0.16820E+01	0.33332E+01	0.23390E+01
180	-0.11255E-01	-0.27597E-01	0.19501E-01	-0.11509E+01	0.19284E+01	0.14172E+01
181	-0.47194E-01	-0.32170E-01	0.19064E-01	-0.67839E+00	0.86556E+00	0.52549E+00
182	0.15737E+00	0.73078E-01	-0.43020E-01	-0.14769E+00	-0.14153E+00	0.22570E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.44469E-01	0.78330E-04	0.44523E-01	0.00000E+00
3	-0.82991E-01	-0.86528E-04	0.83053E-01	0.00000E+00
4	-0.92705E-01	-0.14276E-03	0.92742E-01	0.00000E+00
5	-0.10610E+00	-0.31771E-04	0.10611E+00	0.00000E+00
6	-0.11506E+00	-0.39779E-05	0.11506E+00	0.00000E+00
7	-0.10623E+00	-0.80514E-03	0.10613E+00	0.00000E+00
8	-0.11531E+00	-0.61135E-03	0.11531E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.43445E-01	-0.45223E-03	0.43180E-01	0.00000E+00
11	-0.81849E-01	-0.10445E-02	0.81539E-01	0.00000E+00
12	-0.92073E-01	-0.12534E-02	0.91812E-01	0.00000E+00
13	-0.10632E+00	-0.11233E-02	0.10605E+00	0.00000E+00
14	-0.11597E+00	-0.86963E-03	0.11598E+00	0.00000E+00
15	-0.10687E+00	-0.18349E-02	0.10686E+00	0.00000E+00
16	-0.11707E+00	-0.13039E-02	0.11716E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.42392E-01	-0.73705E-03	0.42254E-01	0.00000E+00
19	-0.80971E-01	-0.17471E-02	0.80670E-01	0.00000E+00
20	-0.91869E-01	-0.21407E-02	0.91519E-01	0.00000E+00
21	-0.10740E+00	-0.19561E-02	0.10726E+00	0.00000E+00
22	-0.11868E+00	-0.14714E-02	0.11895E+00	0.00000E+00
23	-0.10819E+00	-0.25347E-02	0.10803E+00	0.00000E+00
24	-0.12086E+00	-0.15797E-02	0.12151E+00	0.00000E+00
25	-0.12215E+00	-0.19919E-02	0.12317E+00	0.00000E+00
26	-0.12293E+00	-0.19571E-02	0.12418E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.40954E-01	-0.55773E-03	0.39570E-01	0.00000E+00
29	-0.79268E-01	-0.14921E-02	0.76856E-01	0.00000E+00
30	-0.90872E-01	-0.20316E-02	0.88522E-01	0.00000E+00
31	-0.10847E+00	-0.23298E-02	0.10780E+00	0.00000E+00
32	-0.12371E+00	-0.17609E-02	0.12527E+00	0.00000E+00
33	-0.10841E+00	-0.23510E-02	0.10732E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.40480E-01	-0.32945E-03	0.38209E-01	0.00000E+00
36	-0.78580E-01	-0.98511E-03	0.74522E-01	0.00000E+00
37	-0.90191E-01	-0.13135E-02	0.85823E-01	0.00000E+00
38	-0.10831E+00	-0.17600E-02	0.10636E+00	0.00000E+00
39	-0.12470E+00	-0.19640E-02	0.12677E+00	0.00000E+00
40	-0.12451E+00	-0.19585E-02	0.12645E+00	0.00000E+00
41	-0.12431E+00	-0.19514E-02	0.12615E+00	0.00000E+00
42	-0.12409E+00	-0.19314E-02	0.12579E+00	0.00000E+00
43	-0.38701E-01	-0.21288E-03	0.78427E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.38411E-01	0.18821E-03	0.31018E-01	0.00000E+00
46	-0.75076E-01	0.31923E-03	0.60521E-01	0.00000E+00
47	-0.12475E+00	-0.19640E-02	0.12678E+00	0.00000E+00
48	-0.12477E+00	-0.19642E-02	0.12688E+00	0.00000E+00
49	-0.10823E+00	-0.15591E-02	0.10583E+00	0.00000E+00
50	-0.12485E+00	-0.19816E-02	0.12730E+00	0.00000E+00
51	-0.10642E+00	-0.53922E-03	0.95810E-01	0.00000E+00
52	-0.12190E+00	-0.23266E-02	0.11205E+00	0.00000E+00
53	-0.12468E+00	-0.19601E-02	0.12647E+00	0.00000E+00
54	-0.86145E-01	0.10212E-03	0.69639E-01	0.00000E+00
55	-0.10330E+00	-0.36437E-03	0.84338E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

000633

57	-0.35795E-01	0.54561E-03	0.22138E-01	0.00000E+00
58	-0.70127E-01	0.11320E-02	0.44514E-01	0.00000E+00
59	-0.11720E+00	-0.11138E-02	0.96739E-01	0.00000E+00
60	-0.12063E+00	-0.20308E-02	0.10741E+00	0.00000E+00
61	-0.12487E+00	-0.19982E-02	0.12754E+00	0.00000E+00
62	-0.80522E-01	0.14407E-02	0.50955E-01	0.00000E+00
63	-0.95782E-01	0.14892E-02	0.60911E-01	0.00000E+00
64	-0.12265E+00	-0.23464E-02	0.11284E+00	0.00000E+00
65	-0.12439E+00	-0.20143E-02	0.12777E+00	0.00000E+00
66	-0.12508E+00	-0.20452E-02	0.12824E+00	0.00000E+00
67	-0.12526E+00	-0.20733E-02	0.12872E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.33533E-01	0.95106E-03	0.14566E-01	0.00000E+00
70	-0.64597E-01	0.23643E-02	0.28934E-01	0.00000E+00
71	-0.10970E+00	0.15284E-02	0.70458E-01	0.00000E+00
72	-0.12285E+00	-0.24043E-02	0.10958E+00	0.00000E+00
73	-0.87997E-01	0.32414E-02	0.39879E-01	0.00000E+00
74	-0.12680E+00	-0.25181E-02	0.11303E+00	0.00000E+00
75	-0.12541E+00	-0.20912E-02	0.12917E+00	0.00000E+00
76	-0.12639E+00	-0.21144E-02	0.12998E+00	0.00000E+00
77	-0.10024E+00	0.32940E-02	0.45646E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.31563E-01	0.14044E-02	0.77009E-02	0.00000E+00
80	-0.59407E-01	0.31403E-02	0.14102E-01	0.00000E+00
81	-0.67195E-01	0.40862E-02	0.15955E-01	0.00000E+00
82	-0.79242E-01	0.44354E-02	0.19500E-01	0.00000E+00
83	-0.12218E+00	0.12702E-02	0.79833E-01	0.00000E+00
84	-0.10405E+00	0.44320E-02	0.33501E-01	0.00000E+00
85	-0.12848E+00	-0.21429E-02	0.13106E+00	0.00000E+00
86	-0.13114E+00	-0.22775E-02	0.11722E+00	0.00000E+00
87	-0.90284E-01	0.47712E-02	0.23304E-01	0.00000E+00
88	-0.12797E+00	-0.70365E-03	0.99226E-01	0.00000E+00
89	-0.13033E+00	-0.21580E-02	0.15211E+00	0.00000E+00
90	-0.63529E-01	0.28859E-02	-0.66990E-02	0.00000E+00
91	-0.69007E-01	0.29270E-02	-0.78672E-02	0.00000E+00
92	-0.72836E-01	0.28465E-02	-0.77307E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.21491E-01	0.00000E+00	-0.13390E-01	0.00000E+00
95	-0.40053E-01	0.00000E+00	-0.23943E-01	0.00000E+00
96	-0.44500E-01	0.00000E+00	-0.26350E-01	0.00000E+00
97	-0.50186E-01	0.00000E+00	-0.27639E-01	0.00000E+00
98	-0.52221E-01	0.00000E+00	-0.27770E-01	0.00000E+00
99	-0.60052E-01	0.19390E-02	-0.17377E-01	0.00000E+00
100	-0.79619E-01	0.32479E-02	-0.14432E-02	0.00000E+00
101	-0.11460E+00	0.38958E-02	0.37773E-01	0.00000E+00
102	-0.13523E+00	-0.21509E-02	0.13364E+00	0.00000E+00
103	-0.12952E+00	0.11123E-02	0.84839E-01	0.00000E+00
104	-0.13863E+00	-0.20366E-02	0.12271E+00	0.00000E+00
105	-0.13934E+00	-0.21343E-02	0.13507E+00	0.00000E+00
106	-0.13469E+00	0.97813E-03	0.88815E-01	0.00000E+00
107	-0.14436E+00	-0.19866E-02	0.12684E+00	0.00000E+00
108	-0.14286E+00	-0.20824E-02	0.13639E+00	0.00000E+00
109	-0.14571E+00	-0.20182E-02	0.13756E+00	0.00000E+00
110	-0.14194E+00	0.70715E-03	0.94180E-01	0.00000E+00
111	-0.14272E+00	-0.20031E-02	0.13011E+00	0.00000E+00
112	-0.14807E+00	-0.19343E-02	0.13858E+00	0.00000E+00
113	-0.14523E+00	0.49622E-03	0.10274E+00	0.00000E+00
114	-0.14978E+00	-0.18275E-02	0.13942E+00	0.00000E+00
115	-0.15098E+00	-0.17135E-02	0.14009E+00	0.00000E+00
116	-0.15153E+00	-0.15967E-02	0.14053E+00	0.00000E+00

630

000634

5622

117	-0.15037E+00	-0.15929E-02	0.13194E+00	0.00000E+00
118	-0.15155E+00	-0.15393E-02	0.14069E+00	0.00000E+00
119	-0.15143E+00	-0.14442E-02	0.14083E+00	0.00000E+00
120	-0.15190E+00	-0.10099E-02	0.13376E+00	0.00000E+00
121	-0.15132E+00	-0.13100E-02	0.14094E+00	0.00000E+00
122	-0.15131E+00	-0.11923E-02	0.14114E+00	-0.29295E-04
123	-0.15122E+00	-0.93530E-03	0.14130E+00	-0.53539E-04
124	-0.15106E+00	-0.51593E-03	0.14147E+00	-0.83134E-04
125	-0.15077E+00	0.11042E-03	0.14163E+00	-0.12142E-03
126	-0.15005E+00	0.16371E-02	0.14191E+00	-0.17577E-03
127	-0.14915E+00	0.35475E-02	0.14217E+00	-0.19967E-03
128	-0.14720E+00	0.79191E-02	0.14272E+00	-0.18452E-03
129	-0.14573E+00	0.11429E-01	0.14321E+00	-0.13048E-03
130	-0.14431E+00	0.13831E-01	0.14376E+00	-0.56061E-04
131	-0.14479E+00	0.14037E-01	0.14458E+00	0.33234E-04
132	-0.14556E+00	0.11612E-01	0.14531E+00	0.64873E-04
133	-0.14633E+00	0.87990E-02	0.14596E+00	0.57220E-04
134	-0.14631E+00	0.66471E-02	0.14649E+00	0.41414E-04
135	-0.14710E+00	0.50387E-02	0.14691E+00	0.34234E-04
136	-0.14731E+00	0.34917E-02	0.14722E+00	0.35822E-04
137	-0.14743E+00	0.19370E-02	0.14741E+00	0.35945E-04
138	-0.14752E+00	0.29107E-03	0.14752E+00	0.37037E-04
139	-0.14752E+00	0.36044E-04	0.14752E+00	0.36085E-04

631

5622

000835

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8300E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.11095E+00	-0.12962E-01	0.16595E-01	-0.53928E+01	-0.43214E-01	0.53739E+01
2	0.24105E+00	-0.16934E-01	0.40499E-01	-0.47577E+01	-0.91570E-01	0.47563E+01
3	0.34542E+00	-0.22093E-01	0.22763E-02	-0.38140E+01	-0.15026E+00	0.38526E+01
4	-0.82515E-01	0.11919E-01	-0.56025E-01	-0.30421E+01	0.14646E-01	0.30725E+01
5	0.16851E+00	0.88937E-02	0.16077E-01	-0.30985E+01	-0.64324E-01	0.31344E+01
6	-0.78142E-01	0.11224E-01	-0.91144E-01	-0.31434E+01	0.75177E-02	0.31990E+01
7	-0.13574E+00	-0.14342E-01	-0.81507E-01	-0.21467E+01	0.32851E-01	0.21625E+01
8	-0.24771E+00	-0.12267E-01	-0.13399E+00	-0.21510E+01	0.63433E-01	0.22449E+01
9	-0.69945E-01	-0.29574E+00	-0.16066E+00	-0.52565E+01	-0.30242E-01	0.52361E+01
10	-0.74080E-03	-0.34412E+00	-0.17411E+00	-0.47422E+01	-0.55645E-01	0.47425E+01
11	0.78227E-01	-0.30884E+00	-0.15037E+00	-0.39945E+01	-0.57538E-01	0.40298E+01
12	-0.53657E+00	-0.28251E+00	-0.36705E+00	-0.32144E+01	0.16129E+00	0.31927E+01
13	-0.56082E-01	-0.15359E+00	-0.11877E+00	-0.33073E+01	-0.14004E-01	0.33974E+01
14	-0.44975E+00	-0.17730E+00	-0.27344E+00	-0.33872E+01	0.80809E-01	0.35089E+01
15	-0.55523E+00	-0.81214E-01	-0.26343E+00	-0.23282E+01	0.18341E+00	0.23606E+01
16	-0.69192E+00	-0.78032E-01	-0.30006E+00	-0.24334E+01	0.19470E+00	0.25485E+01
17	-0.37893E-01	-0.30448E+00	-0.16943E+00	-0.50867E+01	-0.89503E-01	0.50102E+01
18	0.10543E+00	-0.36879E+00	-0.19567E+00	-0.46826E+01	-0.21254E+00	0.46608E+01
19	0.33146E+00	-0.41741E+00	-0.24020E+00	-0.40978E+01	-0.43073E+00	0.42406E+01
20	-0.72764E+00	-0.36363E+00	-0.46133E+00	-0.34698E+01	0.14777E+00	0.35037E+01
21	0.71603E-02	-0.36433E+00	-0.23386E+00	-0.36325E+01	-0.23256E+00	0.39790E+01
22	-0.68589E+00	-0.71729E+00	-0.65513E+00	-0.37760E+01	-0.70167E-02	0.42505E+01
23	-0.93444E+00	-0.76579E-01	-0.38646E+00	-0.27455E+01	0.29464E+00	0.28957E+01
24	-0.18839E+01	-0.51884E+00	-0.91154E+00	-0.29882E+01	0.57931E+00	0.30935E+01
25	-0.87997E+00	-0.24451E+00	-0.41693E+00	-0.31225E+01	0.20710E+00	0.35711E+01
26	-0.26095E+01	-0.12857E+01	-0.14973E+01	-0.32835E+01	0.71920E+00	0.39757E+01
27	0.35274E-01	-0.18654E+00	-0.12210E+00	-0.49493E+01	-0.14078E+00	0.47585E+01
28	0.20176E+00	-0.27063E+00	-0.19816E+00	-0.45818E+01	-0.38086E+00	0.45180E+01
29	0.66966E+00	-0.30366E+00	-0.30287E+00	-0.39631E+01	-0.10448E+01	0.42807E+01
30	-0.23425E+00	-0.42516E+00	-0.37644E+00	-0.38234E+01	-0.22306E+00	0.42434E+01
31	0.25743E+00	-0.42832E+00	-0.27556E+00	-0.36737E+01	-0.68884E+00	0.44313E+01
32	-0.29336E+00	-0.60863E+00	-0.55093E+00	-0.35757E+01	-0.49811E+00	0.44993E+01
33	-0.19677E+01	-0.94582E+00	-0.11327E+01	-0.36486E+01	0.36445E+00	0.42021E+01
34	-0.47364E+01	-0.26053E+01	-0.29515E+01	-0.33333E+01	0.11148E+01	0.45928E+01
35	-0.91445E+00	-0.25534E+00	-0.39719E+00	-0.38359E+01	0.33106E+00	0.45921E+01
36	0.41824E+00	0.34320E+00	0.27625E+00	-0.35383E+01	-0.55590E+00	0.47773E+01
37	-0.15329E+01	-0.11606E+01	-0.10249E+01	-0.39543E+01	0.35861E+00	0.49651E+01
38	0.20999E+00	0.47768E-01	-0.30150E-01	-0.48030E+01	-0.20433E+00	0.42312E+01
39	0.48607E+00	0.31527E-01	-0.18282E+00	-0.45051E+01	-0.60316E+00	0.40261E+01
40	0.87418E+00	-0.20157E+00	-0.50261E+00	-0.39490E+01	-0.18017E+01	0.41799E+01
41	0.12153E+01	0.32152E+00	-0.52511E+00	-0.41708E+01	-0.15826E+01	0.40103E+01
42	0.16435E+01	0.51626E-01	-0.78169E+00	-0.39703E+01	-0.19666E+01	0.33409E+01
43	0.59080E+00	0.54620E-01	-0.86524E-01	-0.37119E+01	-0.10321E+01	0.45363E+01
44	0.94092E+00	0.13998E+00	-0.96012E-01	-0.36529E+01	-0.16328E+01	0.37849E+01
45	0.16370E+01	0.46198E+00	0.12861E-01	-0.38094E+01	-0.16045E+01	0.37745E+01
46	0.83760E+00	-0.21118E+00	-0.65794E+00	-0.36638E+01	-0.11308E+01	0.31881E+01
47	-0.39830E+00	-0.48802E+00	-0.35791E+00	-0.37483E+01	-0.40632E+00	0.50259E+01
48	0.12321E+00	-0.22209E+00	0.38006E-02	-0.39762E+01	-0.36277E+00	0.50936E+01
49	0.55005E+00	-0.14421E+00	0.37692E-01	-0.39238E+01	-0.12855E+01	0.55109E+01
50	0.35233E+01	0.85801E+00	0.13321E+01	-0.33964E+01	-0.33553E+01	0.35576E+01
51	0.53572E+00	0.30931E+00	0.50317E+00	-0.16702E+00	-0.40620E+00	0.96868E+00
52	0.12063E+01	-0.72290E-03	0.41794E+00	0.11334E+01	-0.18852E+01	-0.61053E+01
53	0.14028E+01	-0.39342E+00	-0.55066E+00	-0.30460E+01	-0.17958E+01	0.29961E+01
54	0.50312E+00	0.43760E+00	0.14863E+00	-0.45107E+01	-0.24429E+00	0.32444E+01

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5622

55	0.82052E+00	0.31623E+00	-0.20693E+00	-0.42848E+01	-0.67608E+00	0.31609E+01
56	0.17396E+01	0.22251E+00	-0.11434E+01	-0.37774E+01	-0.18779E+01	0.28293E+01
57	0.14104E+01	0.18127E+00	-0.64018E+00	-0.33729E+01	-0.13689E+01	0.26588E+01
58	0.15227E+01	0.67658E-01	-0.81495E+00	-0.28195E+01	-0.16358E+01	0.23706E+01
59	0.17410E+00	0.38080E+00	0.54441E-01	-0.43749E+01	0.59828E-01	0.27020E+01
60	0.92052E+00	0.82133E+00	0.31913E+00	-0.40908E+01	-0.42039E+00	0.17729E+01
61	0.69536E+00	0.63889E+00	0.88191E-01	-0.40653E+01	-0.34434E+00	0.17715E+01
62	0.34911E+00	0.69241E+00	0.18036E+00	-0.38577E+01	0.84374E-01	0.93625E+00
63	0.93113E+00	0.56755E+00	-0.23952E+00	-0.39474E+01	-0.54935E+00	0.22286E+01
64	0.99948E+00	0.85926E+00	-0.19845E+00	-0.35548E+01	-0.45915E+00	0.12478E+01
65	0.18142E+01	0.41861E+00	-0.13996E+01	-0.36309E+01	-0.14892E+01	0.23182E+01
66	0.22728E+01	0.61086E+00	-0.15049E+01	-0.32017E+01	-0.16551E+01	0.15960E+01
67	0.17823E+01	0.95337E+00	-0.16102E+01	-0.27418E+01	-0.12404E+01	0.61169E+00
68	0.17594E+01	0.43100E+00	-0.75548E+00	-0.31545E+01	-0.12400E+01	0.21252E+01
69	0.14944E+01	0.54648E+00	-0.85313E+00	-0.29487E+01	-0.92042E+00	0.13513E+01
70	0.21961E+01	0.82981E+00	-0.65118E+00	-0.25067E+01	-0.11013E+01	0.71892E+00
71	0.18579E+01	0.38282E+00	-0.97045E+00	-0.26816E+01	-0.13199E+01	0.16230E+01
72	0.20855E+01	0.54821E+00	-0.10096E+01	-0.24065E+01	-0.11144E+01	0.98632E+00
73	0.43142E+00	0.41840E+00	0.13811E-01	-0.32551E+01	-0.76864E-01	-0.35046E+00
74	0.71004E+00	0.38272E+00	-0.49581E+00	-0.28776E+01	-0.20890E+00	-0.26278E+00
75	0.15819E+01	0.38691E+00	-0.17950E+01	-0.23756E+01	-0.55551E+00	-0.13003E+00
76	0.17417E+01	0.53127E+00	-0.94313E+00	-0.26773E+01	-0.47374E+00	0.72643E+00
77	0.12773E+01	0.65908E+00	-0.90783E+00	-0.17529E+01	-0.31575E+00	-0.34714E+00
78	0.10784E+01	-0.78027E-01	-0.12735E+01	-0.13569E+01	-0.30969E+00	-0.28732E+00
79	0.20942E+01	0.57298E+00	-0.94753E+00	-0.18631E+01	-0.52360E+00	0.24613E+00
80	0.22962E+01	0.65570E+00	-0.71930E+00	-0.12783E+01	-0.20190E+00	-0.27653E+00
81	0.12710E+01	0.28952E+00	-0.11595E+01	-0.72465E+00	-0.27037E+00	-0.20374E+00
82	0.13317E+01	0.55858E-01	-0.11920E+01	-0.59876E+00	-0.22268E+00	-0.33547E-01
83	0.20462E+01	0.34319E+00	-0.10318E+01	-0.11552E+01	-0.17065E+00	0.14594E-01
84	0.25358E+01	0.62172E+00	-0.88182E+00	-0.12324E+01	-0.56992E+00	-0.62902E-01
85	0.28968E+01	0.48029E+00	-0.95828E+00	-0.18486E+01	-0.75264E+00	0.70544E+00
86	0.28269E+01	0.47598E+00	-0.11287E+01	-0.14825E+01	-0.70238E+00	0.53427E+00
87	0.20399E+01	0.37911E+00	-0.13182E+01	-0.18494E+01	-0.11199E+01	0.42695E+00
88	0.21974E+01	0.34887E+00	-0.11035E+01	-0.20435E+01	-0.15467E+01	0.13641E+01
89	0.23826E+01	0.39907E+00	-0.10856E+01	-0.18220E+01	-0.16397E+01	0.13216E+01
90	0.25563E+01	0.29724E+00	-0.13049E+01	-0.12694E+01	-0.17013E+01	0.53566E+00
91	0.28270E+01	0.65160E+00	-0.94362E+00	-0.12477E+01	-0.18373E+01	0.10471E+01
92	0.27409E+01	0.55308E+00	-0.10604E+01	-0.98525E+00	-0.18220E+01	0.81447E+00
93	0.16710E+01	-0.68806E+00	-0.55837E+00	-0.21993E+01	-0.20734E+01	0.23875E+01
94	0.18325E+01	0.22044E+00	-0.38119E+00	-0.21645E+01	-0.19000E+01	0.22418E+01
95	0.12306E+01	0.62762E+00	-0.36561E+00	-0.15640E+01	-0.19215E+01	0.17395E+01
96	0.15776E+01	0.15124E+00	-0.90259E+00	-0.22177E+01	-0.17888E+01	0.18043E+01
97	0.10596E+01	0.37167E+00	-0.58718E+00	-0.18250E+01	-0.19063E+01	0.15221E+01
98	0.13674E+01	0.33248E+00	-0.90917E+00	-0.14915E+01	-0.18049E+01	0.13877E+01
99	0.13888E+01	-0.10692E+00	-0.13568E+01	-0.17470E+01	-0.16950E+01	0.13458E+01
100	0.11233E+01	-0.75599E-01	-0.12325E+01	-0.12836E+01	-0.17877E+01	0.11079E+01
101	0.14229E+01	0.20326E+00	-0.88342E+00	-0.99689E+00	-0.18347E+01	0.90460E+00
102	0.10953E+01	-0.12484E+00	-0.15534E+01	-0.10273E+01	-0.17247E+01	0.91711E+00
103	0.74874E+00	0.14462E+00	-0.11649E+01	-0.33796E+00	-0.17151E+01	0.51553E+00
104	0.85864E+00	0.30302E+00	-0.10485E+01	-0.14849E+00	-0.17183E+01	0.43888E+00
105	0.16941E+01	-0.68425E-01	-0.87714E-01	-0.19637E+01	-0.24791E+01	0.21352E+01
106	0.26137E+01	0.14487E+01	0.15120E+01	-0.16170E+00	-0.26028E+01	0.10853E+01
107	0.20287E+01	0.10549E+01	0.98675E+00	-0.10374E+01	-0.25198E+01	0.14781E+01
108	0.16222E+01	0.92868E+00	0.72586E+00	-0.10715E+01	-0.24507E+01	0.15038E+01
109	0.13418E+01	0.61706E+00	0.62723E+00	-0.44381E+00	-0.24716E+01	0.10897E+01
110	-0.44290E-03	-0.34068E+00	-0.47571E+00	-0.15551E+01	-0.23161E+01	0.16109E+01
111	-0.64337E+00	-0.58454E+00	-0.64218E+00	-0.11169E+01	-0.22516E+01	0.93838E+00
112	-0.67460E+00	-0.61188E+00	-0.69289E+00	-0.17358E+01	-0.22318E+01	0.93126E+00
113	-0.31665E+00	-0.48350E+00	-0.10762E+01	-0.18015E+01	-0.19592E+01	0.17555E+01
114	-0.10344E+01	-0.83761E+00	-0.97350E+00	-0.15322E+01	-0.19363E+01	0.90881E+00

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115	-0.11104E+01	-0.30130E+00	-0.11200E+01	-0.26730E+01	-0.19011E+01	0.83466E+00
116	-0.45536E+00	-0.41789E+00	-0.10462E+01	-0.20288E+01	-0.16034E+01	0.15378E+01
117	-0.11965E+00	-0.29411E+00	-0.67842E+00	-0.22135E+01	-0.14909E+01	0.82685E+00
118	-0.20715E+00	-0.34337E+00	-0.84791E+00	-0.18909E+01	-0.14499E+01	0.76796E+00
119	-0.10076E+00	-0.44315E+00	-0.11020E+01	-0.15404E+01	-0.12569E+01	0.11688E+01
120	0.15661E+00	-0.13961E+00	-0.74940E+00	-0.15384E+01	-0.11310E+01	0.63457E+00
121	0.97557E-01	-0.17743E+00	-0.85916E+00	-0.12749E+01	-0.11556E+01	0.60458E+00
122	-0.21945E+00	-0.64253E+00	-0.13556E+01	-0.11908E+01	-0.10076E+01	0.93137E+00
123	-0.20205E+00	-0.37285E+00	-0.11351E+01	-0.95119E+00	-0.93780E+00	0.50293E+00
124	-0.23358E+00	-0.39659E+00	-0.11902E+01	-0.67170E+00	-0.92603E+00	0.40853E+00
125	0.26160E-02	-0.13586E+00	-0.11199E+01	-0.51107E+00	-0.84700E+00	0.53642E+00
126	-0.32667E+00	-0.46114E+00	-0.12688E+01	-0.29963E+00	-0.82333E+00	0.27954E+00
127	-0.32999E+00	-0.46650E+00	-0.12718E+01	-0.20577E-01	-0.82351E+00	0.20828E+00
128	-0.70476E+00	-0.58743E+00	-0.15148E+01	-0.15434E+00	-0.73277E+00	0.33129E+00
129	-0.14996E+01	-0.11965E+01	-0.20006E+01	0.12589E+00	-0.64233E+00	0.93130E-01
183	0.21532E+01	-0.19953E+00	0.58908E-01	-0.31722E+01	-0.26129E+01	0.35563E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.32784E+00	0.21856E+01	-0.18578E+01	-0.48416E+02	-0.61072E+01	0.19839E+02
131	-0.37137E-01	-0.24758E+00	0.21044E+00	-0.12389E+03	-0.17660E+02	0.53316E+02
132	0.45439E-01	0.30293E+00	-0.25749E+00	-0.20773E+03	-0.27284E+02	0.93071E+02
133	-0.21754E-01	-0.14503E+00	0.12327E+00	-0.30166E+03	-0.35714E+02	0.13905E+03
134	-0.20564E-01	-0.13710E+00	0.11653E+00	-0.40306E+03	-0.42165E+02	0.19752E+03
135	0.89529E-01	0.59636E+00	-0.50733E+00	-0.43523E+03	-0.43386E+02	0.25246E+03
136	-0.51046E-01	-0.34031E+00	0.28926E+00	-0.55270E+03	-0.45797E+02	0.29309E+03
137	-0.12723E+00	-0.84822E+00	0.72099E+00	-0.55190E+03	-0.38913E+02	0.31009E+03
138	0.51125E+00	0.34084E+01	-0.25277E+01	-0.57003E+03	-0.11852E+02	0.33786E+03
139	0.28941E+00	0.19294E+01	-0.44437E+00	-0.55868E+03	0.46231E+02	0.35327E+03
140	-0.51560E+00	-0.34373E+01	0.29217E+01	-0.70695E+03	0.56608E+02	0.40421E+03
141	-0.52421E+00	-0.34947E+01	0.29705E+01	-0.71195E+03	0.61506E+02	0.42979E+03
142	-0.60507E+00	-0.40338E+01	0.34287E+01	-0.74790E+03	0.60282E+02	0.46094E+03
143	-0.62760E+00	-0.41840E+01	0.35564E+01	0.26187E+03	0.20921E+03	-0.53676E+03
144	-0.66359E+00	-0.44240E+01	0.37604E+01	0.25513E+03	0.19268E+03	-0.51861E+03
145	0.35456E+00	0.23658E+01	-0.67641E+01	-0.70947E+02	0.13803E+03	-0.10223E+04
146	0.15940E+00	0.10627E+01	-0.47658E+01	-0.11279E+03	0.10608E+03	-0.84359E+03
147	0.17270E+00	0.11513E+01	-0.47341E+01	-0.10564E+03	0.11726E+03	-0.83417E+03
148	0.18833E+00	0.12555E+01	0.10413E+01	-0.10014E+03	0.13030E+03	-0.83546E+03
149	0.20655E+00	0.13770E+01	0.98943E+00	-0.86972E+02	0.14633E+03	-0.84761E+03
150	0.24989E+00	0.16660E+01	0.19582E+00	-0.45998E+02	0.17286E+03	-0.82703E+03
151	0.30411E+00	0.20274E+01	0.20105E+02	-0.21797E+02	0.20114E+03	-0.84432E+03
152	0.25612E+00	0.17075E+01	0.36366E+02	-0.22638E+02	0.16876E+03	-0.83815E+03
153	0.18127E+00	0.12085E+01	0.32228E+02	-0.73587E+01	0.12074E+03	-0.81997E+03
154	0.78519E-02	0.52546E-01	0.62292E+02	0.90408E+01	0.66541E+01	-0.79828E+03
155	-0.24278E+00	-0.16185E+01	0.51521E+02	-0.60499E+01	-0.16410E+03	-0.74797E+03
156	-0.44464E+00	-0.29643E+01	0.43589E+02	0.13609E+02	-0.29683E+03	-0.69468E+03
157	-0.60495E+00	-0.40330E+01	0.34846E+02	0.11324E+02	-0.40493E+03	-0.61950E+03
158	-0.72979E+00	-0.42633E+01	0.28636E+02	0.20873E+02	-0.48742E+03	-0.54686E+03
159	-0.82129E+00	-0.54753E+01	0.20305E+02	0.37781E+02	-0.54638E+03	-0.45441E+03
160	-0.87996E+00	-0.58619E+01	0.13798E+02	0.40043E+02	-0.58502E+03	-0.36847E+03
161	-0.99950E+00	-0.66633E+01	0.63728E+01	0.41777E+02	-0.62292E+03	-0.26295E+03
162	-0.10163E+01	-0.67789E+01	-0.10315E+01	0.37896E+02	-0.59503E+03	-0.18721E+03
163	-0.11552E+01	-0.77015E+01	-0.26183E+01	0.44490E+02	-0.67581E+03	-0.13415E+03
164	-0.11293E+01	-0.75288E+01	-0.35900E+01	0.73119E+02	-0.65621E+03	-0.10106E+03

165	-0.63125E+03	-0.92591E+02	-0.32373E+01	-0.33606E+02	-0.66226E+03	-0.83983E+02
166	-0.51306E+03	-0.68819E+02	-0.92566E+01	-0.24820E+02	-0.61438E+03	-0.75623E+02
167	-0.40713E+03	-0.50851E+02	-0.10660E+02	-0.19695E+02	-0.52381E+03	-0.68741E+02
168	-0.31093E+03	-0.36946E+02	-0.10102E+02	-0.14568E+02	-0.43120E+03	-0.62934E+02
169	-0.19766E+03	-0.19140E+02	-0.11674E+02	-0.98348E+01	-0.36860E+03	-0.56459E+02
170	-0.85344E+02	0.24499E+01	-0.15218E+02	-0.45021E+01	-0.32841E+03	-0.49088E+02
171	0.23234E+02	0.21917E+02	-0.17187E+02	0.26002E+01	-0.25583E+03	-0.33890E+02
172	0.94635E+02	0.30493E+02	-0.15512E+02	0.97430E+01	-0.16097E+03	-0.28133E+02
173	0.94672E+02	0.24475E+02	-0.95569E+01	0.13670E+02	-0.78525E+02	-0.20939E+02
174	0.56277E+02	0.11775E+02	-0.29501E+01	0.14373E+02	-0.20478E+02	-0.16698E+02
175	0.13045E+02	0.11296E+01	0.82634E+00	0.11223E+02	-0.66263E+01	-0.15546E+02
176	-0.23375E+01	-0.15220E+01	0.10847E+01	0.81508E+01	-0.14542E+02	-0.15061E+02
177	-0.36944E+01	-0.10979E+01	0.49575E+00	0.57321E+01	-0.19277E+02	-0.12587E+02
178	-0.12043E+01	-0.18238E+00	0.78507E-02	0.39938E+01	-0.15083E+02	-0.91222E+01
179	0.27925E+00	0.11554E+00	-0.59395E-01	0.31369E+01	-0.10723E+02	-0.64428E+01
180	0.24724E-01	0.58296E-01	-0.45734E-01	0.22226E+01	-0.62440E+01	-0.38926E+01
181	0.11845E+00	0.10451E+00	-0.73009E-01	0.14690E+01	-0.28315E+01	-0.13967E+01
182	-0.42068E+00	-0.19537E+00	0.11501E+00	0.40017E+00	0.58622E+00	-0.50709E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3400E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.43476E-01	-0.75074E-04	-0.43509E-01	0.00000E+00
3	0.81220E-01	0.84239E-04	-0.81289E-01	0.00000E+00
4	0.90772E-01	0.14016E-03	-0.90835E-01	0.00000E+00
5	0.10400E+00	0.33803E-04	-0.10401E+00	0.00000E+00
6	0.11288E+00	0.33391E-05	-0.11288E+00	0.00000E+00
7	0.10413E+00	0.74891E-03	-0.10403E+00	0.00000E+00
8	0.11313E+00	0.55257E-03	-0.11312E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.42475E-01	0.42260E-03	-0.42216E-01	0.00000E+00
11	0.80123E-01	0.97739E-03	-0.79810E-01	0.00000E+00
12	0.90195E-01	0.11687E-02	-0.89918E-01	0.00000E+00
13	0.10423E+00	0.10246E-02	-0.10394E+00	0.00000E+00
14	0.11378E+00	0.76234E-03	-0.11377E+00	0.00000E+00
15	0.10478E+00	0.16630E-02	-0.10473E+00	0.00000E+00
16	0.11487E+00	0.11273E-02	-0.11491E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.41473E-01	0.66749E-03	-0.41295E-01	0.00000E+00
19	0.79295E-01	0.15817E-02	-0.78931E-01	0.00000E+00
20	0.90020E-01	0.19315E-02	-0.89601E-01	0.00000E+00
21	0.10531E+00	0.17213E-02	-0.10510E+00	0.00000E+00
22	0.11646E+00	0.12258E-02	-0.11664E+00	0.00000E+00
23	0.10609E+00	0.21789E-02	-0.10581E+00	0.00000E+00
24	0.11861E+00	0.12067E-02	-0.11912E+00	0.00000E+00
25	0.11989E+00	0.15216E-02	-0.12072E+00	0.00000E+00
26	0.12066E+00	0.14432E-02	-0.12171E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.40129E-01	0.45104E-03	-0.38635E-01	0.00000E+00
29	0.77715E-01	0.12210E-02	-0.75127E-01	0.00000E+00
30	0.89117E-01	0.16702E-02	-0.86589E-01	0.00000E+00
31	0.10641E+00	0.18621E-02	-0.10554E+00	0.00000E+00
32	0.12143E+00	0.11956E-02	-0.12276E+00	0.00000E+00
33	0.10638E+00	0.18579E-02	-0.10505E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.39691E-01	0.22392E-03	-0.37285E-01	0.00000E+00
36	0.77081E-01	0.71134E-03	-0.72810E-01	0.00000E+00
37	0.88487E-01	0.94529E-03	-0.85906E-01	0.00000E+00
38	0.10629E+00	0.12718E-02	-0.10409E+00	0.00000E+00
39	0.12240E+00	0.13822E-02	-0.12420E+00	0.00000E+00
40	0.12221E+00	0.13783E-02	-0.12389E+00	0.00000E+00
41	0.12201E+00	0.13727E-02	-0.12360E+00	0.00000E+00
42	0.12180E+00	0.13552E-02	-0.12326E+00	0.00000E+00
43	0.87085E-01	-0.11492E-03	-0.76569E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.37735E-01	-0.27425E-03	-0.30165E-01	0.00000E+00
46	0.73751E-01	-0.53326E-03	-0.58929E-01	0.00000E+00
47	0.12245E+00	0.13822E-02	-0.12421E+00	0.00000E+00
48	0.12247E+00	0.13824E-02	-0.12430E+00	0.00000E+00
49	0.10623E+00	0.10750E-02	-0.10556E+00	0.00000E+00
50	0.12255E+00	0.13966E-02	-0.12472E+00	0.00000E+00
51	0.10450E+00	0.10645E-03	-0.93637E-01	0.00000E+00
52	0.11969E+00	0.17664E-02	-0.10962E+00	0.00000E+00
53	0.12238E+00	0.13802E-02	-0.12389E+00	0.00000E+00
54	0.84619E-01	-0.39985E-03	-0.67855E-01	0.00000E+00
55	0.10147E+00	-0.37302E-04	-0.82261E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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5922

57	0.35207E-01	-0.39560E-03	-0.21335E-01	0.00000E+00
58	0.68948E-01	-0.12995E-02	-0.43025E-01	0.00000E+00
59	0.11513E+00	0.60643E-03	-0.94444E-01	0.00000E+00
60	0.11846E+00	0.14855E-02	-0.10503E+00	0.00000E+00
61	0.12257E+00	0.14113E-03	-0.12496E+00	0.00000E+00
62	0.79164E-01	-0.16592E-02	-0.49288E-01	0.00000E+00
63	0.94159E-01	-0.18052E-02	-0.53991E-01	0.00000E+00
64	0.12042E+00	0.17784E-02	-0.11040E+00	0.00000E+00
65	0.12259E+00	0.14255E-02	-0.12519E+00	0.00000E+00
66	0.12277E+00	0.14526E-02	-0.12566E+00	0.00000E+00
67	0.12295E+00	0.14769E-02	-0.12613E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.32988E-01	-0.98902E-03	-0.13788E-01	0.00000E+00
70	0.63532E-01	-0.24627E-02	-0.27480E-01	0.00000E+00
71	0.10784E+00	-0.19414E-02	-0.68339E-01	0.00000E+00
72	0.12064E+00	0.18339E-02	-0.10717E+00	0.00000E+00
73	0.86531E-01	-0.34436E-02	-0.30028E-01	0.00000E+00
74	0.12452E+00	0.19130E-02	-0.11057E+00	0.00000E+00
75	0.12310E+00	0.14915E-02	-0.12658E+00	0.00000E+00
76	0.12407E+00	0.15084E-02	-0.12739E+00	0.00000E+00
77	0.98562E-01	-0.35617E-02	-0.43628E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.31041E-01	-0.14134E-02	-0.68934E-02	0.00000E+00
80	0.58410E-01	-0.31762E-02	-0.12675E-01	0.00000E+00
81	0.66059E-01	-0.41413E-02	-0.14384E-01	0.00000E+00
82	0.77890E-01	-0.45331E-02	-0.17762E-01	0.00000E+00
83	0.12010E+00	-0.17888E-02	-0.77566E-01	0.00000E+00
84	0.10226E+00	-0.46652E-02	-0.31450E-01	0.00000E+00
85	0.12611E+00	0.15288E-02	-0.12847E+00	0.00000E+00
86	0.12681E+00	0.16355E-02	-0.11471E+00	0.00000E+00
87	0.88735E-01	-0.49157E-02	-0.21437E-01	0.00000E+00
88	0.12575E+00	0.11734E-03	-0.96833E-01	0.00000E+00
89	0.12795E+00	0.15364E-02	-0.12951E+00	0.00000E+00
90	0.62363E-01	-0.29191E-02	0.77650E-02	0.00000E+00
91	0.67721E-01	-0.29789E-02	0.90412E-02	0.00000E+00
92	0.71468E-01	-0.29181E-02	0.89668E-02	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.21069E-01	0.00000E+00	0.13474E-01	0.00000E+00
95	0.39252E-01	0.00000E+00	0.24175E-01	0.00000E+00
96	0.43599E-01	0.00000E+00	0.26637E-01	0.00000E+00
97	0.49159E-01	0.00000E+00	0.28015E-01	0.00000E+00
98	0.51134E-01	0.00000E+00	0.28189E-01	0.00000E+00
99	0.58881E-01	-0.19615E-02	0.18163E-01	0.00000E+00
100	0.78149E-01	-0.33519E-02	0.28685E-02	0.00000E+00
101	0.11257E+00	-0.42103E-02	-0.35651E-01	0.00000E+00
102	0.13279E+00	0.15188E-02	-0.13104E+00	0.00000E+00
103	0.12731E+00	-0.16914E-02	-0.32509E-01	0.00000E+00
104	0.13619E+00	0.13407E-02	-0.12015E+00	0.00000E+00
105	0.13685E+00	0.14931E-02	-0.13247E+00	0.00000E+00
106	0.13237E+00	-0.16050E-02	-0.86458E-01	0.00000E+00
107	0.14184E+00	0.12464E-02	-0.12427E+00	0.00000E+00
108	0.14032E+00	0.14332E-02	-0.13330E+00	0.00000E+00
109	0.14314E+00	0.13622E-02	-0.13498E+00	0.00000E+00
110	0.13945E+00	-0.13960E-02	-0.91822E-01	0.00000E+00
111	0.14614E+00	0.12268E-02	-0.12754E+00	0.00000E+00
112	0.14547E+00	0.12727E-02	-0.13601E+00	0.00000E+00
113	0.14269E+00	-0.12070E-02	-0.10036E+00	0.00000E+00
114	0.14717E+00	0.11621E-02	-0.13686E+00	0.00000E+00
115	0.14836E+00	0.10454E-02	-0.13755E+00	0.00000E+00
116	0.14892E+00	0.92754E-03	-0.13801E+00	0.00000E+00

637

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000641

117	0.14797E+00	0.80780E-03	-0.12940E+00	0.00000E+00
118	0.14894E+00	0.86991E-03	-0.13818E+00	0.00000E+00
119	0.14887E+00	0.77530E-03	-0.13835E+00	0.00000E+00
120	0.14930E+00	0.21956E-03	-0.13128E+00	0.00000E+00
121	0.14872E+00	0.64240E-03	-0.13849E+00	0.00000E+00
122	0.14871E+00	0.52650E-03	-0.13869E+00	0.28843E-04
123	0.14362E+00	0.27349E-03	-0.13885E+00	0.52689E-04
124	0.14646E+00	-0.13924E-03	-0.13902E+00	0.81772E-04
125	0.14818E+00	-0.75508E-03	-0.13919E+00	0.11936E-03
126	0.14748E+00	-0.22552E-02	-0.13946E+00	0.17263E-03
127	0.14659E+00	-0.41308E-02	-0.13973E+00	0.19594E-03
128	0.14468E+00	-0.84164E-02	-0.14028E+00	0.18065E-03
129	0.14324E+00	-0.11847E-01	-0.14078E+00	0.12720E-03
130	0.14235E+00	-0.14177E-01	-0.14133E+00	0.53763E-04
131	0.14235E+00	-0.14314E-01	-0.14216E+00	-0.34159E-04
132	0.14314E+00	-0.11864E-01	-0.14290E+00	-0.65246E-04
133	0.14391E+00	-0.90330E-02	-0.14356E+00	-0.57685E-04
134	0.14440E+00	-0.68508E-02	-0.14409E+00	-0.42267E-04
135	0.14470E+00	-0.51937E-02	-0.14452E+00	-0.35387E-04
136	0.14491E+00	-0.35952E-02	-0.14483E+00	-0.36898E-04
137	0.14504E+00	-0.19934E-02	-0.14501E+00	-0.36982E-04
138	0.14512E+00	-0.29920E-03	-0.14513E+00	-0.38040E-04
139	0.14513E+00	-0.37068E-04	-0.14513E+00	-0.37108E-04

638

5622

000632

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8400E+01

639

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.10977E+00	0.90945E-02	-0.16152E-01	0.52716E+01	0.40753E-01	-0.52520E+01
2	-0.23438E+00	0.13122E-01	-0.38295E-01	0.46604E+01	0.87903E-01	-0.46500E+01
3	-0.32831E+00	0.19184E-01	-0.63325E-03	0.37458E+01	0.14757E+00	-0.37845E+01
4	0.30234E-01	-0.14341E-01	0.45212E-01	0.29935E+01	-0.11337E-01	-0.30203E+01
5	-0.15697E+00	-0.10650E-01	-0.12910E-01	0.30495E+01	0.63465E-01	-0.30824E+01
6	0.78862E-01	-0.12449E-01	0.91160E-01	0.30912E+01	-0.82266E-02	-0.31451E+01
7	0.13758E+00	0.14784E-01	0.84156E-01	0.21173E+01	-0.32716E-01	-0.21333E+01
8	0.24906E+00	0.10807E-01	0.13771E+00	0.21214E+01	-0.62489E-01	-0.22130E+01
9	0.58859E-01	0.28871E+00	0.14659E+00	0.51395E+01	0.29637E-01	-0.51174E+01
10	-0.37722E-02	0.31563E+00	0.16442E+00	0.46445E+01	0.54616E-01	-0.46435E+01
11	-0.66765E-01	0.28480E+00	0.15630E+00	0.39174E+01	0.56482E-01	-0.39535E+01
12	0.52811E+00	0.26912E+00	0.36332E+00	0.31567E+01	-0.15718E+00	-0.31333E+01
13	0.63140E-01	0.14357E+00	0.12460E+00	0.32471E+01	0.13690E-01	-0.33384E+01
14	0.44040E+00	0.15666E+00	0.27009E+00	0.33233E+01	-0.78485E-01	-0.34453E+01
15	0.55096E+00	0.76607E-01	0.26649E+00	0.22915E+01	-0.17916E+00	-0.23251E+01
16	0.68900E+00	0.74869E-01	0.30709E+00	0.23946E+01	-0.18994E+00	-0.25081E+01
17	0.20659E-01	0.25860E+00	0.14736E+00	0.49786E+01	0.87475E-01	-0.48931E+01
18	-0.10812E+00	0.31796E+00	0.18256E+00	0.45866E+01	0.20827E+00	-0.45599E+01
19	-0.30004E+00	0.36899E+00	0.23379E+00	0.40099E+01	0.42356E+00	-0.41552E+01
20	0.71079E+00	0.33877E+00	0.45497E+00	0.33954E+01	-0.14166E+00	-0.34390E+01
21	-0.14785E-02	0.32235E+00	0.23671E+00	0.35545E+01	0.22943E+00	-0.39041E+01
22	0.66472E+00	0.63352E+00	0.62810E+00	0.36918E+01	0.86268E-02	-0.41673E+01
23	0.92037E+00	0.62607E-01	0.38750E+00	0.26921E+01	-0.28661E+00	-0.28472E+01
24	0.18516E+01	0.49150E+00	0.90245E+00	0.29200E+01	-0.56586E+00	-0.30389E+01
25	0.86120E+00	0.19101E+00	0.40422E+00	0.30555E+01	-0.20093E+00	-0.35079E+01
26	0.25099E+01	0.11550E+01	0.14233E+01	0.31964E+01	-0.70331E+00	-0.39033E+01
27	-0.55098E-01	0.13205E+00	0.96496E-01	0.48507E+01	0.13793E+00	-0.46436E+01
28	-0.20273E+00	0.20730E+00	0.18312E+00	0.44938E+01	0.37375E+00	-0.44167E+01
29	-0.61832E+00	0.23696E+00	0.32258E+00	0.38863E+01	0.10277E+01	-0.41906E+01
30	0.23690E+00	0.35830E+00	0.36786E+00	0.37452E+01	0.22276E+00	-0.41597E+01
31	-0.25817E+00	0.34322E+00	0.25793E+00	0.36061E+01	0.67830E+00	-0.43449E+01
32	0.28237E+00	0.52325E+00	0.53060E+00	0.35117E+01	0.49190E+00	-0.44102E+01
33	0.19009E+01	0.63934E+00	0.10843E+01	0.35780E+01	-0.35463E+00	-0.41262E+01
34	0.45971E+01	0.26536E+01	0.28545E+01	0.37636E+01	-0.10934E+01	-0.45102E+01
35	0.83840E+00	0.14534E+00	0.34259E+00	0.37708E+01	-0.32386E+00	-0.45097E+01
36	-0.40933E+00	-0.39973E+00	-0.27565E+00	0.34748E+01	0.54918E+00	-0.46931E+01
37	0.14500E+01	0.10399E+01	0.96364E+00	0.38831E+01	-0.35089E+00	-0.43773E+01
38	-0.22693E+00	-0.96042E-01	0.83519E-02	0.47142E+01	0.20029E+00	-0.41217E+01
39	-0.48383E+00	-0.86201E-01	0.17276E+00	0.44247E+01	0.59253E+00	-0.39293E+01
40	-0.82545E+00	0.13155E+00	0.52153E+00	0.38352E+01	0.17758E+01	-0.40912E+01
41	-0.11607E+01	-0.37522E+00	0.55010E+00	0.41037E+01	0.15562E+01	-0.39238E+01
42	-0.15851E+01	-0.10109E+00	0.80832E+00	0.39050E+01	0.19365E+01	-0.32603E+01
43	-0.58275E+00	-0.12675E+00	0.78598E-01	0.36519E+01	0.10170E+01	-0.44482E+01
44	-0.91699E+00	-0.19168E+00	0.10205E+00	0.35960E+01	0.16096E+01	-0.37069E+01
45	-0.16066E+01	-0.51012E+00	-0.44083E-02	0.37483E+01	0.15831E+01	-0.36979E+01
46	-0.81735E+00	0.15671E+00	0.65926E+00	0.36048E+01	0.11131E+01	-0.31174E+01
47	0.37383E+00	0.40509E+00	0.33507E+00	0.36325E+01	0.40149E+00	-0.49378E+01
48	-0.13159E+00	0.11451E+00	-0.49889E-01	0.39050E+01	0.35698E+00	-0.50042E+01
49	-0.66207E+00	0.59905E-01	-0.57109E-01	0.38553E+01	0.12677E+01	-0.54174E+01
50	-0.34533E+01	-0.89513E+00	-0.13020E+01	0.33412E+01	0.33103E+01	-0.34901E+01
51	-0.52747E+00	-0.31772E+00	-0.48236E+00	0.16470E+00	0.40027E+00	-0.95035E+00
52	-0.11070E+01	0.79639E-01	-0.32790E+00	-0.10857E+01	0.18611E+01	0.60364E+01
53	-0.13665E+01	0.34162E+00	0.55862E+00	0.29954E+01	0.17732E+01	-0.29367E+01
54	-0.51027E+00	-0.46346E+00	-0.15984E+00	0.44348E+01	0.24097E+00	-0.31427E+01

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5622

55	-0.51541E+00	-0.35940E+00	0.20261E+00	0.42122E+01	0.66676E+00	-0.30717E+01
56	-0.16839E+01	-0.26423E+00	0.11706E+01	0.37165E+01	0.18529E+01	-0.27545E+01
57	-0.13776E+01	-0.22151E+00	0.65136E+00	0.33188E+01	0.13519E+01	-0.25940E+01
58	-0.14854E+01	-0.10976E+00	0.82619E+00	0.27745E+01	0.16166E+01	-0.23180E+01
59	-0.19476E+00	-0.41369E+00	-0.73221E-01	0.43031E+01	-0.60771E-01	-0.26037E+01
60	-0.91323E+00	-0.82947E+00	-0.31429E+00	0.40250E+01	0.41670E+00	-0.16775E+01
61	-0.69587E+00	-0.65213E+00	-0.88304E-01	0.40007E+01	0.34459E+00	-0.16763E+01
62	-0.34946E+00	-0.69496E+00	-0.17870E+00	0.37939E+01	-0.85383E-01	-0.83753E+00
63	-0.92576E+00	-0.59534E+00	0.24059E+00	0.38823E+01	0.54347E+00	-0.21442E+01
64	-0.93671E+00	-0.86412E+00	0.21178E+00	0.34973E+01	0.45563E+00	-0.11682E+01
65	-0.17762E+01	-0.45872E+00	0.14219E+01	0.35754E+01	0.14752E+01	-0.22488E+01
66	-0.22264E+01	-0.62862E+00	0.15365E+01	0.31479E+01	0.16392E+01	-0.15324E+01
67	-0.17436E+01	-0.94723E+00	0.16466E+01	0.27000E+01	0.12276E+01	-0.55750E+00
68	-0.17330E+01	-0.46973E+00	0.76489E+00	0.31068E+01	0.12289E+01	-0.20666E+01
69	-0.14681E+01	-0.56563E+00	0.87061E+00	0.29087E+01	0.91104E+00	-0.12989E+01
70	-0.21535E+01	-0.82547E+00	0.68406E+00	0.24688E+01	0.10865E+01	-0.68128E+00
71	-0.18199E+01	-0.40977E+00	0.98835E+00	0.26443E+01	0.13077E+01	-0.15789E+01
72	-0.20529E+01	-0.56053E+00	0.10304E+01	0.23724E+01	0.10984E+01	-0.95194E+00
73	-0.42854E+00	-0.41846E+00	-0.12978E-01	0.31974E+01	0.70333E-01	0.40492E+00
74	-0.70234E+00	-0.38399E+00	0.49731E+00	0.28258E+01	0.19169E+00	0.30977E+00
75	-0.15609E+01	-0.38802E+00	0.17977E+01	0.23334E+01	0.51134E+00	0.16716E+00
76	-0.17198E+01	-0.54396E+00	0.95416E+00	0.26332E+01	0.44200E+00	-0.68959E+00
77	-0.12553E+01	-0.64960E+00	0.91500E+00	0.17221E+01	0.28882E+00	0.37700E+00
78	-0.10571E+01	0.87233E-01	0.12752E+01	0.13312E+01	0.28350E+00	0.30637E+00
79	-0.20592E+01	-0.57158E+00	0.96571E+00	0.18323E+01	0.49272E+00	-0.21951E+00
80	-0.22555E+01	-0.64450E+00	0.73502E+00	0.12550E+01	0.16784E+00	0.30026E+00
81	-0.12519E+01	-0.28461E+00	0.11601E+01	0.71103E+00	0.24366E+00	0.21340E+00
82	-0.13055E+01	-0.46460E-01	0.11924E+01	0.58776E+00	0.19722E+00	0.42970E-01
83	-0.20115E+01	-0.34076E+00	0.10413E+01	0.11352E+01	0.13669E+00	0.31009E-02
84	-0.24697E+01	-0.61142E+00	0.90452E+00	0.12183E+01	0.53925E+00	0.83510E-01
85	-0.28514E+01	-0.46212E+00	0.97854E+00	0.12139E+01	0.72238E+00	-0.68997E+00
86	-0.27745E+01	-0.47903E+00	0.11500E+01	0.14556E+01	0.67296E+00	-0.52208E+00
87	-0.19935E+01	-0.37233E+00	0.13505E+01	0.18218E+01	0.11030E+01	-0.39896E+00
88	-0.21563E+01	-0.37251E+00	0.11211E+01	0.20141E+01	0.15327E+01	-0.13340E+01
89	-0.23462E+01	-0.42564E+00	0.10974E+01	0.18022E+01	0.16256E+01	-0.12981E+01
90	-0.24988E+01	-0.27275E+00	0.13357E+01	0.12526E+01	0.16864E+01	-0.52085E+00
91	-0.27831E+01	-0.63382E+00	0.95969E+00	0.12332E+01	0.18238E+01	-0.10320E+01
92	-0.26893E+01	-0.55120E+00	0.10816E+01	0.97464E+00	0.18098E+01	-0.80638E+00
93	-0.16270E+01	0.63303E+00	0.56635E+00	0.21657E+01	0.20491E+01	-0.23411E+01
94	-0.13347E+01	-0.25805E+00	0.39835E+00	0.21307E+01	0.18788E+01	-0.21965E+01
95	-0.12076E+01	-0.64411E+00	0.38654E+00	0.15446E+01	0.19029E+01	-0.17069E+01
96	-0.15329E+01	-0.18234E+00	0.91829E+00	0.21857E+01	0.17691E+01	-0.17680E+01
97	-0.10172E+01	-0.38775E+00	0.60668E+00	0.12037E+01	0.18881E+01	-0.14951E+01
98	-0.13267E+01	-0.34961E+00	0.92577E+00	0.14703E+01	0.17881E+01	-0.13610E+01
99	-0.13389E+01	0.89265E-01	0.13773E+01	0.17205E+01	0.16771E+01	-0.13193E+01
100	-0.10866E+01	0.60529E-01	0.12455E+01	0.12654E+01	0.17721E+01	-0.10892E+01
101	-0.13667E+01	-0.21095E+00	0.39636E+00	0.98682E+00	0.18205E+01	-0.89106E+00
102	-0.10784E+01	0.10757E+00	0.15499E+01	0.10095E+01	0.17131E+01	-0.90662E+00
103	-0.73586E+00	-0.14601E+00	0.11653E+01	0.33894E+00	0.17049E+01	-0.50961E+00
104	-0.84413E+00	-0.30041E+00	0.10490E+01	0.15278E+01	0.17089E+01	-0.43594E+00
105	-0.16436E+01	0.32583E-01	0.10714E+00	0.19358E+01	0.24484E+01	-0.20911E+01
106	-0.25244E+01	-0.14088E+01	-0.14419E+01	0.16451E+00	0.25699E+01	-0.10641E+01
107	-0.19662E+01	-0.10490E+01	-0.94233E+00	0.10261E+01	0.24883E+01	-0.14458E+01
108	-0.15660E+01	-0.92453E+00	-0.63487E+00	0.10602E+01	0.24209E+01	-0.14716E+01
109	-0.12713E+01	-0.58987E+00	-0.57046E+00	0.44111E+00	0.24422E+01	-0.10687E+01
110	0.24957E-01	-0.31571E+00	0.49173E+00	0.15333E+01	0.22894E+01	-0.15784E+01
111	0.68309E+00	0.59651E+00	0.66008E+00	0.11022E+01	0.22177E+01	-0.92044E+00
112	0.71584E+00	0.62573E+00	0.72969E+00	0.17121E+01	0.22083E+01	-0.91363E+00
113	0.51510E+00	0.43351E+00	0.10709E+01	0.17736E+01	0.19396E+01	-0.17212E+01
114	0.10640E+01	0.84396E+00	0.10027E+01	0.15092E+01	0.19193E+01	-0.89149E+00

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115	0.11391E+01	0.88770E+00	0.11467E+01	0.26341E+01	0.13848E+01	-0.86804E+00
116	0.45543E+00	0.37396E+00	0.10383E+01	0.19954E+01	0.15913E+01	-0.15088E+01
117	0.15417E+00	0.30459E+00	0.70506E+00	0.21792E+01	0.14827E+01	-0.81113E+00
118	0.24092E+00	0.35437E+00	0.87213E+00	0.18600E+01	0.14425E+01	-0.75356E+00
119	0.10711E+00	0.40972E+00	0.10961E+01	0.15109E+01	0.12518E+01	-0.11475E+01
120	-0.12519E+00	0.14984E+00	0.76902E+00	0.15106E+01	0.11788E+01	-0.67156E+00
121	-0.66309E-01	0.18871E+00	0.87735E+00	0.12495E+01	0.11541E+01	-0.59320E+00
122	0.21825E+00	0.60943E+00	0.13425E+01	0.11606E+01	0.10076E+01	-0.91491E+00
123	0.21348E+00	0.37283E+00	0.11378E+01	0.92882E+00	0.94051E+00	-0.49328E+00
124	0.24541E+00	0.39803E+00	0.11923E+01	0.65278E+00	0.92918E+00	-0.40073E+00
125	0.41228E-02	0.13084E+00	0.11174E+01	0.49104E+00	0.85027E+00	-0.52834E+00
126	0.32902E+00	0.45803E+00	0.12630E+01	0.28464E+00	0.82812E+00	-0.27407E+00
127	0.33282E+00	0.46467E+00	0.12659E+01	0.59243E-02	0.82858E+00	-0.20414E+00
128	0.69685E+00	0.57799E+00	0.15015E+01	0.13932E+00	0.73862E+00	-0.32711E+00
129	0.14836E+01	0.11838E+01	0.19797E+01	-0.13727E+00	0.65000E+00	-0.91336E-01
183	-0.20996E+01	0.15010E+00	-0.42699E-01	0.31192E+01	0.25802E+01	-0.34896E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.29699E+00	-0.19799E+01	0.16829E+01	0.47943E+02	0.68444E+01	-0.12590E+02
131	0.43221E-01	0.28814E+00	-0.24492E+00	0.12299E+03	0.19113E+02	-0.52138E+02
132	-0.35561E-01	-0.23703E+00	0.20151E+00	0.20602E+03	0.29695E+02	-0.90978E+02
133	0.28243E-01	0.18829E+00	-0.16004E+00	0.29882E+03	0.39075E+02	-0.13587E+03
134	0.34812E-01	0.23205E+00	-0.19727E+00	0.40380E+03	0.46494E+02	-0.19300E+03
135	-0.68374E-01	-0.45582E+00	0.38745E+00	0.47949E+03	0.48384E+02	-0.24668E+03
136	0.65978E-01	0.43985E+00	-0.37387E+00	0.54595E+03	0.51138E+02	-0.28645E+03
137	0.14506E+00	0.96705E+00	-0.82199E+00	0.54632E+03	0.44828E+02	-0.30309E+03
138	-0.50628E+00	-0.33752E+01	0.25110E+01	0.56402E+03	0.21550E+02	-0.33024E+03
139	-0.36400E+00	-0.24267E+01	0.91330E+00	0.55357E+03	-0.28848E+02	-0.34511E+03
140	0.34914E+00	0.23276E+01	-0.19784E+01	0.69888E+03	-0.35648E+02	-0.39481E+03
141	0.36676E+00	0.24451E+01	-0.20783E+01	0.70401E+03	-0.40261E+02	-0.41964E+03
142	0.42466E+00	0.28310E+01	-0.24064E+01	0.73394E+03	-0.39003E+02	-0.45008E+03
143	0.44304E+00	0.29536E+01	-0.25106E+01	-0.25494E+03	-0.13556E+03	0.52887E+03
144	0.45414E+00	0.30276E+01	-0.25735E+01	-0.24871E+03	-0.16933E+03	0.51134E+03
145	-0.31202E+00	-0.20801E+01	0.68432E+01	0.56381E+02	-0.12226E+03	0.10029E+04
146	-0.14223E+00	-0.94818E+00	0.47530E+01	0.99310E+02	-0.94849E+02	0.82639E+03
147	-0.15545E+00	-0.10364E+01	0.47233E+01	0.93964E+02	-0.10586E+03	0.81727E+03
148	-0.17105E+00	-0.11403E+01	-0.96859E+00	0.87426E+02	-0.11887E+03	0.81853E+03
149	-0.18925E+00	-0.12617E+01	-0.91781E+00	0.73651E+02	-0.13499E+03	0.83039E+03
150	-0.23067E+00	-0.15378E+01	-0.12699E+00	0.34717E+02	-0.16072E+03	0.81033E+03
151	-0.28159E+00	-0.16773E+01	-0.19742E+02	0.97001E+01	-0.18782E+03	0.82730E+03
152	-0.23516E+00	-0.15677E+01	-0.35765E+02	0.10799E+02	-0.15645E+03	0.82133E+03
153	-0.16235E+00	-0.10824E+01	-0.31712E+02	-0.36665E+01	-0.10968E+03	0.80364E+03
154	0.73769E-02	0.49179E-01	-0.61352E+02	-0.19378E+02	0.20519E+01	0.78250E+03
155	0.25322E+00	0.16881E+01	-0.50811E+02	-0.34462E+01	0.16969E+03	0.73332E+03
156	0.45098E+00	0.30065E+01	-0.42953E+02	-0.22171E+02	0.29981E+03	0.68114E+03
157	0.60775E+00	0.40516E+01	-0.34379E+02	-0.18736E+02	0.40570E+03	0.60748E+03
158	0.72949E+00	0.48633E+01	-0.28218E+02	-0.27360E+02	0.48624E+03	0.53624E+03
159	0.81829E+00	0.54553E+01	-0.20043E+02	-0.42367E+02	0.54368E+03	0.44558E+03
160	0.87405E+00	0.58270E+01	-0.13609E+02	-0.43692E+02	0.58096E+03	0.36128E+03
161	0.99157E+00	0.66105E+01	-0.62741E+01	-0.43887E+02	0.61762E+03	0.25774E+03
162	0.10072E+01	0.67143E+01	0.11352E+01	-0.39217E+02	0.58916E+03	0.18340E+03
163	0.11425E+01	0.76170E+01	0.26656E+01	-0.44867E+02	0.66826E+03	0.13133E+03
164	0.11146E+01	0.74307E+01	0.35938E+01	-0.72711E+02	0.64758E+03	0.99127E+02

165	0.62144E+03	0.90511E+02	0.35739E+01	0.32757E+02	0.65275E+03	0.82486E+02
166	0.50457E+03	0.67316E+02	0.94235E+01	0.24086E+02	0.60539E+03	0.74239E+02
167	0.40005E+03	0.49717E+02	0.10696E+02	0.19033E+02	0.51598E+03	0.67452E+02
168	0.30522E+03	0.36108E+02	0.10060E+02	0.13979E+02	0.42459E+03	0.61726E+02
169	0.19370E+03	0.17637E+02	0.11568E+02	0.93138E+01	0.36278E+03	0.55343E+02
170	0.83205E+02	-0.26059E+01	0.15043E+02	0.40611E+01	0.32301E+03	0.48079E+02
171	-0.23482E+02	-0.21728E+02	0.16962E+02	-0.29294E+01	0.25133E+03	0.38037E+02
172	-0.93592E+02	-0.30117E+02	0.15292E+02	-0.99529E+01	0.15777E+03	0.27453E+02
173	-0.93424E+02	-0.24142E+02	0.94130E+01	-0.13793E+02	0.76581E+02	0.20434E+02
174	-0.55412E+02	-0.11601E+02	0.29035E+01	-0.14451E+02	0.19485E+02	0.16234E+02
175	-0.12819E+02	-0.11165E+01	-0.81040E+00	-0.11313E+02	0.59841E+01	0.15125E+02
176	0.23076E+01	0.14386E+01	-0.10607E+01	-0.82580E+01	0.13835E+02	0.14669E+02
177	0.36027E+01	0.10659E+01	-0.48104E+00	-0.58365E+01	0.18507E+02	0.12260E+02
178	0.11542E+01	0.17604E+00	-0.93686E-02	-0.40747E+01	0.14484E+02	0.88823E+01
179	-0.26542E+00	-0.10817E+00	0.54090E-01	-0.31850E+01	0.10307E+02	0.62784E+01
180	-0.19231E-01	-0.55677E-01	0.43884E-01	-0.22450E+01	0.60081E+01	0.37962E+01
181	-0.11456E+00	-0.99746E-01	0.69183E-01	-0.14647E+01	0.27255E+01	0.13664E+01
182	0.41179E+00	0.19124E+00	-0.11258E+00	-0.39079E+00	-0.55582E+00	0.95626E-02

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3500E+01 (FOR FOURTER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.21843E-01	0.38602E-04	0.21668E-01	0.00000E+00
3	-0.40890E-01	-0.35170E-04	0.40990E-01	0.00000E+00
4	-0.45319E-01	-0.78865E-04	0.46037E-01	0.00000E+00
5	-0.52752E-01	-0.44848E-04	0.52777E-01	0.00000E+00
6	-0.57460E-01	0.26309E-05	0.57462E-01	0.00000E+00
7	-0.52856E-01	-0.12938E-03	0.52716E-01	0.00000E+00
8	-0.57578E-01	0.14418E-04	0.57526E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.21197E-01	-0.84764E-04	0.20991E-01	0.00000E+00
11	-0.40329E-01	-0.20068E-03	0.39994E-01	0.00000E+00
12	-0.45625E-01	-0.21036E-03	0.45253E-01	0.00000E+00
13	-0.52912E-01	-0.27234E-04	0.52516E-01	0.00000E+00
14	-0.57916E-01	0.19507E-03	0.57680E-01	0.00000E+00
15	-0.53178E-01	0.32752E-04	0.52625E-01	0.00000E+00
16	-0.58482E-01	0.40735E-03	0.57974E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.20807E-01	0.18626E-05	0.20213E-01	0.00000E+00
19	-0.39997E-01	0.31439E-04	0.38982E-01	0.00000E+00
20	-0.45593E-01	0.87496E-04	0.44484E-01	0.00000E+00
21	-0.53444E-01	0.39056E-03	0.52426E-01	0.00000E+00
22	-0.59299E-01	0.78099E-03	0.58454E-01	0.00000E+00
23	-0.53803E-01	0.82008E-03	0.52245E-01	0.00000E+00
24	-0.60400E-01	0.15519E-02	0.59210E-01	0.00000E+00
25	-0.61048E-01	0.19280E-02	0.59733E-01	0.00000E+00
26	-0.61438E-01	0.22305E-02	0.60070E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.20462E-01	0.33218E-03	0.18356E-01	0.00000E+00
29	-0.39613E-01	0.95490E-03	0.36079E-01	0.00000E+00
30	-0.45424E-01	0.11274E-02	0.41874E-01	0.00000E+00
31	-0.54195E-01	0.16653E-02	0.51483E-01	0.00000E+00
32	-0.61837E-01	0.26803E-02	0.60433E-01	0.00000E+00
33	-0.54275E-01	0.18085E-02	0.50990E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.20379E-01	0.45655E-03	0.17479E-01	0.00000E+00
36	-0.39497E-01	0.11547E-02	0.34532E-01	0.00000E+00
37	-0.45270E-01	0.15837E-02	0.40069E-01	0.00000E+00
38	-0.54312E-01	0.21319E-02	0.50276E-01	0.00000E+00
39	-0.62313E-01	0.26628E-02	0.60804E-01	0.00000E+00
40	-0.62216E-01	0.26564E-02	0.60726E-01	0.00000E+00
41	-0.62121E-01	0.26514E-02	0.60654E-01	0.00000E+00
42	-0.62019E-01	0.26475E-02	0.60581E-01	0.00000E+00
43	-0.44830E-01	0.19121E-02	0.35422E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.19693E-01	0.58678E-03	0.13072E-01	0.00000E+00
46	-0.38221E-01	0.14811E-02	0.25866E-01	0.00000E+00
47	-0.62333E-01	0.26627E-02	0.60762E-01	0.00000E+00
48	-0.62345E-01	0.26630E-02	0.60832E-01	0.00000E+00
49	-0.54308E-01	0.22254E-02	0.49931E-01	0.00000E+00
50	-0.62364E-01	0.26771E-02	0.61080E-01	0.00000E+00
51	-0.53645E-01	0.24241E-02	0.43831E-01	0.00000E+00
52	-0.61127E-01	0.22141E-02	0.51960E-01	0.00000E+00
53	-0.62294E-01	0.26497E-02	0.60524E-01	0.00000E+00
54	-0.43688E-01	0.18379E-02	0.30029E-01	0.00000E+00
55	-0.52242E-01	0.22344E-02	0.36801E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.18464E-01	0.71212E-03	0.77278E-02	0.00000E+00
58	-0.35829E-01	0.15200E-02	0.16183E-01	0.00000E+00
59	-0.59022E-01	0.25033E-02	0.42692E-01	0.00000E+00
60	-0.60573E-01	0.22645E-02	0.49170E-01	0.00000E+00
61	-0.62396E-01	0.26812E-02	0.61212E-01	0.00000E+00
62	-0.41006E-01	0.20536E-02	0.13631E-01	0.00000E+00
63	-0.45583E-01	0.26414E-02	0.22559E-01	0.00000E+00
64	-0.61497E-01	0.22543E-02	0.52327E-01	0.00000E+00
65	-0.62408E-01	0.26850E-02	0.61343E-01	0.00000E+00
66	-0.62501E-01	0.25935E-02	0.61605E-01	0.00000E+00
67	-0.62594E-01	0.27046E-02	0.61871E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.17205E-01	0.68122E-03	0.33512E-02	0.00000E+00
70	-0.32960E-01	0.18351E-02	0.71032E-02	0.00000E+00
71	-0.55469E-01	0.33034E-02	0.26525E-01	0.00000E+00
72	-0.61664E-01	0.22114E-02	0.50219E-01	0.00000E+00
73	-0.44593E-01	0.29968E-02	0.10310E-01	0.00000E+00
74	-0.63639E-01	0.23853E-02	0.51886E-01	0.00000E+00
75	-0.62672E-01	0.27179E-02	0.62124E-01	0.00000E+00
76	-0.63174E-01	0.27507E-02	0.62591E-01	0.00000E+00
77	-0.50610E-01	0.34818E-02	0.12167E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.16081E-01	0.77733E-03	-0.76437E-03	0.00000E+00
80	-0.30095E-01	0.19332E-02	-0.14729E-02	0.00000E+00
81	-0.33952E-01	0.25938E-02	-0.15610E-02	0.00000E+00
82	-0.39861E-01	0.30928E-02	-0.10627E-02	0.00000E+00
83	-0.61516E-01	0.38885E-02	0.30719E-01	0.00000E+00
84	-0.51972E-01	0.40527E-02	0.41483E-02	0.00000E+00
85	-0.64230E-01	0.27945E-02	0.63213E-01	0.00000E+00
86	-0.65809E-01	0.27977E-02	0.54035E-01	0.00000E+00
87	-0.45239E-01	0.36312E-02	-0.22317E-03	0.00000E+00
88	-0.64382E-01	0.32626E-02	0.42760E-01	0.00000E+00
89	-0.65189E-01	0.28424E-02	0.63825E-01	0.00000E+00
90	-0.31417E-01	0.18773E-02	-0.13086E-01	0.00000E+00
91	-0.33953E-01	0.20866E-02	-0.14560E-01	0.00000E+00
92	-0.35738E-01	0.22153E-02	-0.14940E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.10340E-01	0.00000E+00	-0.10178E-01	0.00000E+00
95	-0.19279E-01	0.00000E+00	-0.18581E-01	0.00000E+00
96	-0.21373E-01	0.00000E+00	-0.20588E-01	0.00000E+00
97	-0.24033E-01	0.00000E+00	-0.22124E-01	0.00000E+00
98	-0.24868E-01	0.00000E+00	-0.22528E-01	0.00000E+00
99	-0.29237E-01	0.13233E-02	-0.18211E-01	0.00000E+00
100	-0.39180E-01	0.26615E-02	-0.12407E-01	0.00000E+00
101	-0.56720E-01	0.44018E-02	0.58207E-02	0.00000E+00
102	-0.67696E-01	0.29265E-02	0.64728E-01	0.00000E+00
103	-0.65067E-01	0.42503E-02	0.33007E-01	0.00000E+00
104	-0.69608E-01	0.33364E-02	0.56923E-01	0.00000E+00
105	-0.69629E-01	0.30091E-02	0.65589E-01	0.00000E+00
106	-0.67429E-01	0.45659E-02	0.35046E-01	0.00000E+00
107	-0.72520E-01	0.37012E-02	0.59238E-01	0.00000E+00
108	-0.71640E-01	0.31052E-02	0.66404E-01	0.00000E+00
109	-0.73128E-01	0.32000E-02	0.67153E-01	0.00000E+00
110	-0.70657E-01	0.49712E-02	0.38118E-01	0.00000E+00
111	-0.74696E-01	0.39871E-02	0.61177E-01	0.00000E+00
112	-0.74352E-01	0.32992E-02	0.67638E-01	0.00000E+00
113	-0.72460E-01	0.50292E-02	0.43579E-01	0.00000E+00
114	-0.75263E-01	0.33998E-02	0.68441E-01	0.00000E+00
115	-0.75903E-01	0.34974E-02	0.68967E-01	0.00000E+00
116	-0.76213E-01	0.35357E-02	0.69389E-01	0.00000E+00

000648

644

5622

117	-0.75646E-01	0.43656E-02	0.62548E-01	0.00000E+00
118	-0.76226E-01	0.36267E-02	0.69570E-01	0.00000E+00
119	-0.76202E-01	0.36874E-02	0.69817E-01	0.00000E+00
120	-0.76389E-01	0.48396E-02	0.64114E-01	0.00000E+00
121	-0.76149E-01	0.37684E-02	0.70096E-01	0.00000E+00
122	-0.76141E-01	0.38372E-02	0.70231E-01	-0.17078E-04
123	-0.76089E-01	0.39867E-02	0.70347E-01	-0.31072E-04
124	-0.75993E-01	0.42296E-02	0.70463E-01	-0.48001E-04
125	-0.75834E-01	0.45901E-02	0.70584E-01	-0.69660E-04
126	-0.75425E-01	0.54616E-02	0.70786E-01	-0.99829E-04
127	-0.74913E-01	0.65419E-02	0.70982E-01	-0.11231E-03
128	-0.73832E-01	0.89719E-02	0.71385E-01	-0.10096E-03
129	-0.73043E-01	0.10852E-01	0.71755E-01	-0.67654E-04
130	-0.72509E-01	0.12013E-01	0.72158E-01	-0.22841E-04
131	-0.72755E-01	0.11685E-01	0.72770E-01	0.29196E-04
132	-0.73339E-01	0.98390E-02	0.73307E-01	0.47104E-04
133	-0.73897E-01	0.77872E-02	0.73778E-01	0.42525E-04
134	-0.74270E-01	0.60872E-02	0.74159E-01	0.34751E-04
135	-0.74526E-01	0.46175E-02	0.74460E-01	0.32118E-04
136	-0.74713E-01	0.31714E-02	0.74682E-01	0.32537E-04
137	-0.74822E-01	0.17524E-02	0.74815E-01	0.32410E-04
138	-0.74896E-01	0.26070E-03	0.74896E-01	0.32891E-04
139	-0.74896E-01	0.32430E-04	0.74896E-01	0.32448E-04

645

5822

000649

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8500E+01

646

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.73427E-01	0.24527E-01	0.78745E-04	-0.26349E+01	-0.11315E-01	0.26087E+01
2	0.13599E+00	0.20899E-01	-0.32527E-02	-0.23442E+01	-0.40365E-01	0.23528E+01
3	0.14297E+00	0.79802E-02	-0.31846E-01	-0.18973E+01	-0.10629E+00	0.19298E+01
4	-0.91866E-02	0.43069E-01	0.65254E-01	-0.15173E+01	-0.29506E-01	0.15059E+01
5	0.43135E-01	0.19548E-01	-0.22383E-01	-0.15576E+01	-0.53110E-01	0.15571E+01
6	-0.33592E-01	0.66166E-01	-0.73767E-01	-0.15606E+01	-0.32575E-02	0.15868E+01
7	-0.94407E-01	-0.11024E-01	-0.83605E-01	-0.10632E+01	0.15066E-01	0.10783E+01
8	-0.14924E+00	0.41425E-02	-0.12759E+00	-0.10644E+01	0.20712E-01	0.11162E+01
9	0.28266E-01	-0.11635E-01	-0.21889E-01	-0.25636E+01	-0.19524E-01	0.25191E+01
10	0.34588E-01	-0.31039E-01	-0.75293E-01	-0.23297E+01	-0.40992E-01	0.23115E+01
11	0.19808E-02	-0.36580E-01	-0.19778E+00	-0.19562E+01	-0.64020E-01	0.19805E+01
12	-0.26555E+00	-0.90187E-01	-0.23770E+00	-0.15682E+01	0.53721E-01	0.15788E+01
13	-0.54256E-01	-0.29188E-01	-0.15158E+00	-0.16132E+01	-0.28656E-01	0.16823E+01
14	-0.20106E+00	0.26191E-01	-0.19310E+00	-0.16365E+01	0.81170E-02	0.17124E+01
15	-0.30523E+00	-0.21296E-01	-0.21627E+00	-0.11306E+01	0.67010E-01	0.11672E+01
16	-0.39425E+00	-0.27323E-01	-0.27421E+00	-0.11846E+01	0.63103E-01	0.12543E+01
17	0.77454E-01	0.92251E-01	0.10279E-01	-0.25096E+01	-0.49385E-01	0.23544E+01
18	0.79019E-01	0.91544E-01	-0.86422E-01	-0.22996E+01	-0.12407E+00	0.22208E+01
19	0.25796E-01	0.62917E-01	-0.33815E+00	-0.19507E+01	-0.27509E+00	0.20392E+01
20	-0.33083E+00	-0.69893E-01	-0.30355E+00	-0.16235E+01	0.13492E-01	0.17027E+01
21	-0.18030E-01	0.47105E-01	-0.19749E+00	-0.17043E+01	-0.15777E+00	0.19360E+01
22	-0.27573E+00	0.96448E-01	-0.30351E+00	-0.17514E+01	-0.51162E-01	0.20437E+01
23	-0.47262E+00	0.42501E-01	-0.30151E+00	-0.12871E+01	0.98163E-01	0.14206E+01
24	-0.93667E+00	-0.14078E+00	-0.56346E+00	-0.13429E+01	0.23589E+00	0.15111E+01
25	-0.40746E+00	0.19439E+00	-0.24291E+00	-0.14339E+01	0.50815E-01	0.17484E+01
26	-0.95391E+00	0.46068E-01	-0.51872E+00	-0.14051E+01	0.30408E+00	0.19395E+01
27	0.13160E+00	0.20829E+00	0.51602E-01	-0.24809E+01	-0.74723E-01	0.21851E+01
28	0.11567E+00	0.21738E+00	-0.94337E-01	-0.22879E+01	-0.20855E+00	0.21084E+01
29	0.10181E+00	0.23309E+00	-0.43951E+00	-0.19440E+01	-0.59383E+00	0.20206E+01
30	-0.16496E+00	0.15587E+00	-0.26573E+00	-0.18245E+01	-0.17348E+00	0.20368E+01
31	0.17755E+00	0.28621E+00	-0.13400E+00	-0.18055E+01	-0.39594E+00	0.21364E+01
32	-0.11663E+00	0.18491E+00	-0.30230E+00	-0.17668E+01	-0.30683E+00	0.21609E+01
33	-0.78812E+00	0.10683E+00	-0.45407E+00	-0.17354E+01	0.12508E+00	0.20575E+01
34	-0.19801E+01	-0.72247E+00	-0.12464E+01	-0.18509E+01	0.52590E+00	0.22588E+01
35	-0.96803E-01	0.53368E+00	0.10691E-01	-0.18830E+01	0.14320E+00	0.22599E+01
36	0.20300E+00	0.57747E+00	0.84226E-01	-0.17163E+01	-0.34028E+00	0.23688E+01
37	-0.42866E+00	0.55006E-01	-0.32866E+00	-0.19185E+01	0.15622E+00	0.24667E+01
38	0.21178E+00	0.29126E+00	0.69936E-01	-0.24443E+01	-0.10751E+00	0.18618E+01
39	0.27305E+00	0.33013E+00	-0.12880E+00	-0.22846E+01	-0.32582E+00	0.18059E+01
40	0.24799E+00	0.31257E+00	-0.56942E+00	-0.20270E+01	-0.10186E+01	0.19628E+01
41	0.42645E+00	0.50442E+00	-0.63322E+00	-0.21438E+01	-0.86344E+00	0.18554E+01
42	0.67859E+00	0.30007E+00	-0.81207E+00	-0.20256E+01	-0.10860E+01	0.14639E+01
43	0.31691E+00	0.50040E+00	-0.91039E-01	-0.18839E+01	-0.58256E+00	0.21907E+01
44	0.40131E+00	0.38262E+00	-0.22176E+00	-0.18737E+01	-0.91799E+00	0.17697E+01
45	0.30953E+00	0.56639E+00	-0.16880E+00	-0.19413E+01	-0.90720E+00	0.17732E+01
46	0.38572E+00	0.17928E+00	-0.53891E+00	-0.18657E+01	-0.61984E+00	0.14247E+01
47	-0.98653E-01	0.23117E+00	-0.16259E+00	-0.18301E+01	-0.25336E+00	0.25034E+01
48	0.41283E+00	0.53739E+00	0.19376E+00	-0.19330E+01	-0.19227E+00	0.25400E+01
49	0.43748E+00	0.47507E+00	0.72097E-01	-0.19345E+01	-0.72294E+00	0.27892E+01
50	0.16607E+01	0.73286E+00	0.48999E+00	-0.17117E+01	-0.18819E+01	0.17027E+01
51	0.22352E+00	0.19852E+00	0.58856E-01	-0.86443E-01	-0.21958E+00	0.46577E+00
52	-0.10539E+00	-0.78832E+00	-0.60460E+00	0.39327E+00	-0.10702E+01	-0.35921E+01
53	0.62020E+00	0.67523E-01	-0.52457E+00	-0.15272E+01	-0.10172E+01	0.13939E+01
54	0.31968E+00	0.38832E+00	0.95477E-01	-0.23273E+01	-0.12890E+00	0.12661E+01

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5622

55	0.44975E+00	0.39223E+00	-0.19681E+00	-0.21374E+01	-0.36031E+00	0.12820E+01
56	0.75869E+00	0.34105E+00	-0.10365E+01	-0.19328E+01	-0.10204E+01	0.11588E+01
57	0.65900E+00	0.32308E+00	-0.59773E+00	-0.17211E+01	-0.75730E+00	0.11192E+01
58	0.69357E+00	0.27061E+00	-0.72300E+00	-0.14277E+01	-0.92175E+00	0.10191E+01
59	0.16001E+00	0.33409E+00	0.65943E-01	-0.22568E+01	0.47034E-01	0.94139E+00
60	0.48046E+00	0.46236E+00	0.92478E-01	-0.21051E+01	-0.21930E+00	0.40383E+00
61	0.37159E+00	0.37320E+00	-0.21412E-01	-0.20958E+01	-0.18776E+00	0.40417E+00
62	0.14178E+00	0.33130E+00	0.22658E-01	-0.19654E+01	0.59562E-01	-0.96171E-01
63	0.49332E+00	0.43035E+00	-0.25665E+00	-0.20136E+01	-0.26980E+00	0.73087E+00
64	0.48450E+00	0.47422E+00	-0.28702E+00	-0.18121E+01	-0.22589E+00	0.17179E+00
65	0.87427E+00	0.42393E+00	-0.11568E+01	-0.18519E+01	-0.73705E+00	0.85007E+00
66	0.10961E+01	0.41983E+00	-0.12493E+01	-0.16173E+01	-0.82533E+00	0.47425E+00
67	0.84836E+00	0.49223E+00	-0.13066E+01	-0.13999E+01	-0.60060E+00	-0.77303E-01
68	0.87460E+00	0.43662E+00	-0.67406E+00	-0.16119E+01	-0.63350E+00	0.81135E+00
69	0.71237E+00	0.39268E+00	-0.75150E+00	-0.15179E+01	-0.44873E+00	0.34934E+00
70	0.10423E+01	0.43842E+00	-0.70316E+00	-0.12720E+01	-0.52301E+00	0.71680E-01
71	0.87343E+00	0.35457E+00	-0.65689E+00	-0.13743E+01	-0.67153E+00	0.58391E+00
72	0.10264E+01	0.37254E+00	-0.87117E+00	-0.12238E+01	-0.51876E+00	0.24967E+00
73	0.20944E+00	0.19920E+00	-0.43964E-01	-0.16217E+01	-0.12210E-01	-0.67022E+00
74	0.34621E+00	0.18396E+00	-0.38079E+00	-0.14275E+01	-0.31379E-01	-0.56220E+00
75	0.80864E+00	0.19323E+00	-0.12140E+01	-0.11750E+01	-0.79927E-01	-0.40199E+00
76	0.86190E+00	0.34536E+00	-0.75292E+00	-0.13330E+01	-0.79485E-01	0.80352E-01
77	0.61319E+00	0.31984E+00	-0.69387E+00	-0.86915E+00	-0.31142E-01	-0.44976E+00
78	0.47122E+00	-0.16871E+00	-0.89298E+00	-0.65665E+00	-0.29514E-01	-0.33796E+00
79	0.10028E+01	0.31002E+00	-0.79469E+00	-0.91762E+00	-0.99762E-01	-0.96809E-01
80	0.11062E+01	0.32254E+00	-0.61721E+00	-0.62112E+00	0.86401E-01	-0.33534E+00
81	0.64076E+00	0.14171E+00	-0.77953E+00	-0.35761E+00	-0.14641E-02	-0.20317E+00
82	0.63930E+00	-0.72437E-01	-0.82039E+00	-0.28858E+00	0.22393E-01	-0.91058E-01
83	0.99319E+00	0.19041E+00	-0.76750E+00	-0.56506E+00	0.10506E+00	-0.12254E+00
84	0.12063E+01	0.30214E+00	-0.77445E+00	-0.60601E+00	-0.11618E+00	-0.19004E+00
85	0.14099E+01	0.32089E+00	-0.83807E+00	-0.91189E+00	-0.20073E+00	0.22963E+00
86	0.13508E+01	0.29053E+00	-0.95543E+00	-0.70573E+00	-0.17160E+00	0.18390E+00
87	0.91577E+00	0.16550E+00	-0.11348E+01	-0.92105E+00	-0.51407E+00	-0.26557E-01
88	0.10584E+01	0.33227E+00	-0.94235E+00	-0.10331E+01	-0.79129E+00	0.54014E+00
89	0.11831E+01	0.38017E+00	-0.91862E+00	-0.95320E+00	-0.83916E+00	0.55902E+00
90	0.11760E+01	0.14834E+00	-0.11361E+01	-0.64414E+00	-0.87164E+00	0.16869E+00
91	0.14062E+01	0.45624E+00	-0.86399E+00	-0.64830E+00	-0.95487E+00	0.48635E+00
92	0.13092E+01	0.31557E+00	-0.96572E+00	-0.51535E+00	-0.95248E+00	0.41287E+00
93	0.73825E+00	-0.77723E-01	-0.52982E+00	-0.11281E+01	-0.11811E+01	0.10860E+01
94	0.84792E+00	0.33905E+00	-0.49013E+00	-0.10946E+01	-0.10846E+01	0.10170E+01
95	0.49754E+00	0.46467E+00	-0.50863E+00	-0.82135E+00	-0.11350E+01	0.81340E+00
96	0.67624E+00	0.25755E+00	-0.82257E+00	-0.11381E+01	-0.10276E+01	0.76973E+00
97	0.38458E+00	0.30841E+00	-0.63476E+00	-0.96907E+00	-0.11284E+01	0.71570E+00
98	0.58193E+00	0.29335E+00	-0.83016E+00	-0.76062E+00	-0.10768E+01	0.62029E+00
99	0.53884E+00	0.36289E-01	-0.11340E+01	-0.88553E+00	-0.97992E+00	0.55401E+00
100	0.45885E+00	0.39674E-01	-0.10047E+01	-0.65845E+00	-0.10769E+01	0.51418E+00
101	0.64202E+00	0.15894E+00	-0.78666E+00	-0.53514E+00	-0.11203E+01	0.44338E+00
102	0.55279E+00	0.24104E-01	-0.11158E+01	-0.50933E+00	-0.10643E+01	0.45677E+00
103	0.37560E+00	0.87559E-01	-0.87434E+00	-0.20599E+00	-0.10894E+01	0.28001E+00
104	0.43957E+00	0.16654E+00	-0.79340E+00	-0.12106E+00	-0.10979E+01	0.26658E+00
105	0.66820E+00	0.14102E+00	-0.33497E+00	-0.10219E+01	-0.14224E+01	0.94306E+00
106	0.98164E+00	0.58148E+00	0.34711E+00	-0.13234E+00	-0.14814E+01	0.50754E+00
107	0.79240E+00	0.54973E+00	0.17726E+00	-0.56590E+00	-0.14408E+01	0.63911E+00
108	0.58606E+00	0.48651E+00	0.38771E-01	-0.58523E+00	-0.14123E+01	0.65636E+00
109	0.33747E+00	0.15914E+00	-0.10881E+00	-0.26699E+00	-0.14320E+01	0.51084E+00
110	-0.18667E+00	-0.86193E-01	-0.52810E+00	-0.81331E+00	-0.13568E+01	0.71719E+00
111	-0.66892E+00	-0.47199E+00	-0.75966E+00	-0.59355E+00	-0.13414E+01	0.44054E+00
112	-0.68440E+00	-0.48731E+00	-0.78301E+00	-0.90719E+00	-0.13374E+01	0.43830E+00
113	-0.50823E+00	-0.39365E-01	-0.76300E+00	-0.90880E+00	-0.11941E+01	0.80996E+00
114	-0.82381E+00	-0.57314E+00	-0.89395E+00	-0.78516E+00	-0.12068E+01	0.42671E+00

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115	-0.85259E+00	-0.69526E+00	-0.96584E+00	-0.13643E+01	-0.11904E+01	0.41700E+00
116	-0.29452E+00	0.43606E-03	-0.72543E+00	-0.10100E+01	-0.10354E+01	0.71040E+00
117	-0.31071E+00	-0.28103E+00	-0.70495E+00	-0.11107E+01	-0.10063E+01	0.33828E+00
118	-0.35766E+00	-0.31329E+00	-0.78999E+00	-0.93663E+00	-0.98720E+00	0.36221E+00
119	-0.12479E+00	-0.83032E-01	-0.77466E+00	-0.73262E+00	-0.88019E+00	0.54671E+00
120	-0.12392E+00	-0.18594E+00	-0.70045E+00	-0.73836E+00	-0.86598E+00	0.32171E+00
121	-0.15743E+00	-0.21450E+00	-0.75550E+00	-0.59516E+00	-0.85524E+00	0.28544E+00
122	-0.14021E+00	-0.13696E+00	-0.86913E+00	-0.51551E+00	-0.76968E+00	0.43828E+00
123	-0.22410E+00	-0.26871E+00	-0.82921E+00	-0.41381E+00	-0.75790E+00	0.23657E+00
124	-0.24451E+00	-0.29268E+00	-0.85700E+00	-0.26681E+00	-0.75436E+00	0.19351E+00
125	-0.57763E-01	-0.50672E-01	-0.78703E+00	-0.16539E+00	-0.69653E+00	0.27745E+00
126	-0.25132E+00	-0.30911E+00	-0.85632E+00	-0.62397E-01	-0.70062E+00	0.13222E+00
127	-0.25585E+00	-0.32065E+00	-0.85614E+00	0.91555E-01	-0.70298E+00	0.99304E-01
128	-0.40989E+00	-0.30938E+00	-0.94537E+00	0.22221E-01	-0.64464E+00	0.18515E+00
129	-0.85039E+00	-0.69779E+00	-0.12009E+01	0.17354E+00	-0.60223E+00	0.47274E-01
130	0.94575E+00	0.16840E+00	-0.20625E+00	-0.15899E+01	-0.14939E+01	0.17084E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.11525E-02	-0.76832E-02	0.65307E-02	-0.24013E+02	-0.12584E+02	0.90845E+01
131	-0.70307E-01	-0.46871E+00	0.39841E+00	-0.66633E+02	-0.27747E+02	0.20063E+02
132	-0.41511E-01	-0.27674E+00	0.23523E+00	-0.11099E+03	-0.44122E+02	0.35574E+02
133	-0.58526E-01	-0.39017E+00	0.33164E+00	-0.15965E+03	-0.59598E+02	0.54001E+02
134	-0.10453E+00	-0.69686E+00	0.59233E+00	-0.21419E+03	-0.73831E+02	0.78735E+02
135	-0.79580E-01	-0.53063E+00	0.45095E+00	-0.25128E+03	-0.81703E+02	0.10291E+03
136	-0.12569E+00	-0.83794E+00	0.71225E+00	-0.28566E+03	-0.86793E+02	0.12165E+03
137	-0.19035E+00	-0.12690E+01	0.10757E+01	-0.29221E+03	-0.87196E+02	0.12926E+03
138	0.27130E+00	0.18027E+01	-0.14227E+01	-0.30115E+03	-0.10951E+03	0.14169E+03
139	0.64248E+00	0.42832E+01	-0.33518E+01	-0.30058E+03	-0.15178E+03	0.14628E+03
140	0.79806E+00	0.53205E+01	-0.45225E+01	-0.37132E+03	-0.18291E+03	0.16805E+03
141	0.73257E+00	0.48838E+01	-0.41512E+01	-0.37683E+03	-0.19247E+03	0.17767E+03
142	0.82914E+00	0.55276E+01	-0.46935E+01	-0.39315E+03	-0.18397E+03	0.19170E+03
143	0.84686E+00	0.55457E+01	-0.47932E+01	0.11538E+03	-0.10935E+03	-0.28990E+03
144	0.10434E+01	0.69558E+01	-0.59125E+01	0.11347E+03	-0.11801E+03	-0.28455E+03
145	-0.21944E+00	-0.14630E+01	-0.46106E+01	0.61838E+02	-0.82659E+02	-0.49121E+03
146	-0.77554E-01	-0.51703E+00	-0.27304E+01	0.23473E+02	-0.56322E+02	-0.38878E+03
147	-0.70095E-01	-0.46750E+00	-0.27311E+01	0.22150E+02	-0.50764E+02	-0.38576E+03
148	-0.61080E-01	-0.40720E+00	0.21944E+00	0.26229E+02	-0.43197E+02	-0.38610E+03
149	-0.50422E-01	-0.33615E+00	0.19901E+00	0.38249E+02	-0.33169E+02	-0.39049E+03
150	-0.44025E-01	-0.29350E+00	-0.27237E+00	0.49800E+02	-0.24198E+02	-0.38250E+03
151	-0.46859E-01	-0.31239E+00	0.93190E+01	0.70357E+02	-0.20944E+02	-0.38963E+03
152	-0.66261E-01	-0.44174E+00	0.18040E+02	0.68508E+02	-0.34262E+02	-0.38727E+03
153	-0.98569E-01	-0.65713E+00	0.16048E+02	0.72223E+02	-0.55422E+02	-0.37954E+03
154	-0.17932E+00	-0.11955E+01	0.31277E+02	0.77929E+02	-0.10885E+03	-0.37021E+03
155	-0.29337E+00	-0.19392E+01	0.26160E+02	0.63912E+02	-0.19097E+03	-0.34769E+03
156	-0.39222E+00	-0.26143E+01	0.21318E+02	0.69751E+02	-0.25317E+03	-0.32342E+03
157	-0.46402E+00	-0.30935E+01	0.17558E+02	0.60868E+02	-0.30277E+03	-0.28887E+03
158	-0.51692E+00	-0.34461E+01	0.14113E+02	0.60392E+02	-0.33840E+03	-0.25536E+03
159	-0.55197E+00	-0.36798E+01	0.10063E+02	0.58459E+02	-0.36225E+03	-0.21265E+03
160	-0.54942E+00	-0.37261E+01	0.65774E+01	0.53200E+02	-0.37477E+03	-0.17301E+03
161	-0.62835E+00	-0.41890E+01	0.26523E+01	0.43950E+02	-0.38896E+03	-0.12388E+03
162	-0.62686E+00	-0.41791E+01	-0.15136E+01	0.35889E+02	-0.36495E+03	-0.88563E+02
163	-0.70008E+00	-0.46672E+01	-0.23500E+01	0.31687E+02	-0.40881E+03	-0.63880E+02
164	-0.66777E+00	-0.44515E+01	-0.26711E+01	0.45266E+02	-0.38771E+03	-0.51698E+02

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165	-0.36751E+03	-0.50666E+02	-0.45913E+01	-0.18101E+02	-0.34542E+03	-0.44978E+02
166	-0.29577E+03	-0.37110E+02	-0.75672E+01	-0.12828E+02	-0.35637E+03	-0.40081E+02
167	-0.23260E+03	-0.27295E+02	-0.76265E+01	-0.97715E+01	-0.30264E+03	-0.36058E+02
168	-0.17573E+03	-0.19764E+02	-0.66954E+01	-0.67190E+01	-0.24802E+03	-0.32663E+02
169	-0.10956E+03	-0.90767E+01	-0.73469E+01	-0.38988E+01	-0.21059E+03	-0.23882E+02
170	-0.44358E+02	0.27997E+01	-0.93207E+01	-0.73909E+00	-0.18585E+03	-0.24599E+02
171	0.20812E+02	0.13356E+02	-0.10344E+02	0.34340E+01	-0.14201E+03	-0.18736E+02
172	0.58287E+02	0.18523E+02	-0.92245E+01	0.75632E+01	-0.85511E+02	-0.12654E+02
173	0.56997E+02	0.14675E+02	-0.56269E+01	0.97496E+01	-0.37435E+02	-0.87502E+01
174	0.32807E+02	0.69374E+01	-0.17325E+01	0.99724E+01	-0.42617E+01	-0.66398E+01
175	0.73943E+01	0.71077E+00	0.43809E+00	0.79330E+01	0.22297E+01	-0.63910E+01
176	-0.13795E+01	-0.78362E+00	0.55721E+00	0.59847E+01	-0.31452E+01	-0.64494E+01
177	-0.18116E+01	-0.50390E+00	0.22728E+00	0.43848E+01	-0.62082E+01	-0.54410E+01
178	-0.44286E+00	-0.75534E-01	0.19608E-01	0.31109E+01	-0.50062E+01	-0.39305E+01
179	0.72527E-01	0.23235E-01	-0.18338E-02	0.23354E+01	-0.36196E+01	-0.28077E+01
180	-0.12954E-01	0.23516E-01	-0.18544E-01	0.15714E+01	-0.21344E+01	-0.17134E+01
181	0.49986E-01	0.31632E-01	-0.17736E-01	0.89355E+00	-0.96838E+00	-0.64622E+00
182	-0.19561E+00	-0.90832E-01	0.53471E-01	0.18000E+00	0.13520E+00	-0.37821E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8600E+01 (FOR FOURIER TERM, NUMBER 1)

650

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.15456E-01	0.32956E-04	0.15783E-01	0.00000E+00
3	-0.28626E-01	0.38920E-05	0.28522E-01	0.00000E+00
4	-0.31800E-01	0.13584E-04	0.31486E-01	0.00000E+00
5	-0.35945E-01	0.51149E-04	0.35913E-01	0.00000E+00
6	-0.38712E-01	-0.90377E-05	0.38712E-01	0.00000E+00
7	-0.35953E-01	-0.61275E-03	0.36115E-01	0.00000E+00
8	-0.38821E-01	-0.63329E-03	0.38938E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.15527E-01	-0.36264E-03	0.15594E-01	0.00000E+00
11	-0.28479E-01	-0.77181E-03	0.28737E-01	0.00000E+00
12	-0.31560E-01	-0.96751E-03	0.31969E-01	0.00000E+00
13	-0.36026E-01	-0.11213E-02	0.36403E-01	0.00000E+00
14	-0.39031E-01	-0.12108E-02	0.39569E-01	0.00000E+00
15	-0.36299E-01	-0.21257E-02	0.37457E-01	0.00000E+00
16	-0.39389E-01	-0.21457E-02	0.40626E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.15200E-01	-0.92366E-03	0.16165E-01	0.00000E+00
19	-0.28333E-01	-0.21558E-02	0.29980E-01	0.00000E+00
20	-0.31635E-01	-0.27178E-02	0.33465E-01	0.00000E+00
21	-0.36595E-01	-0.30167E-02	0.38556E-01	0.00000E+00
22	-0.39921E-01	-0.31166E-02	0.42143E-01	0.00000E+00
23	-0.37062E-01	-0.47447E-02	0.40198E-01	0.00000E+00
24	-0.40650E-01	-0.49345E-02	0.44165E-01	0.00000E+00
25	-0.41101E-01	-0.63121E-02	0.45384E-01	0.00000E+00
26	-0.41369E-01	-0.69204E-02	0.46095E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.14309E-01	-0.14596E-02	0.16849E-01	0.00000E+00
29	-0.27316E-01	-0.36864E-02	0.31584E-01	0.00000E+00
30	-0.31084E-01	-0.49093E-02	0.35550E-01	0.00000E+00
31	-0.36812E-01	-0.63451E-02	0.41791E-01	0.00000E+00
32	-0.41620E-01	-0.76267E-02	0.46842E-01	0.00000E+00
33	-0.36639E-01	-0.66769E-02	0.43312E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.13941E-01	-0.14499E-02	0.17044E-01	0.00000E+00
36	-0.26800E-01	-0.36998E-02	0.32007E-01	0.00000E+00
37	-0.30645E-01	-0.49704E-02	0.36055E-01	0.00000E+00
38	-0.36499E-01	-0.65852E-02	0.42671E-01	0.00000E+00
39	-0.42002E-01	-0.78756E-02	0.48151E-01	0.00000E+00
40	-0.41927E-01	-0.78545E-02	0.47871E-01	0.00000E+00
41	-0.41852E-01	-0.78343E-02	0.47601E-01	0.00000E+00
42	-0.41769E-01	-0.77976E-02	0.47263E-01	0.00000E+00
43	-0.29931E-01	-0.43823E-02	0.36737E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.12921E-01	-0.11570E-02	0.17533E-01	0.00000E+00
46	-0.25417E-01	-0.23374E-02	0.33064E-01	0.00000E+00
47	-0.42025E-01	-0.73756E-02	0.48270E-01	0.00000E+00
48	-0.42027E-01	-0.73763E-02	0.48243E-01	0.00000E+00
49	-0.36434E-01	-0.65263E-02	0.42738E-01	0.00000E+00
50	-0.42050E-01	-0.79259E-02	0.43292E-01	0.00000E+00
51	-0.35732E-01	-0.57691E-02	0.42985E-01	0.00000E+00
52	-0.41062E-01	-0.75763E-02	0.43018E-01	0.00000E+00
53	-0.42020E-01	-0.78497E-02	0.43371E-01	0.00000E+00
54	-0.29270E-01	-0.39639E-02	0.37230E-01	0.00000E+00
55	-0.34935E-01	-0.53378E-02	0.43560E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.12296E-01	-0.62004E-03	0.17959E-01	0.00000E+00
58	-0.24441E-01	-0.20871E-02	0.33879E-01	0.00000E+00
59	-0.39718E-01	-0.67499E-02	0.48412E-01	0.00000E+00
60	-0.40644E-01	-0.73465E-02	0.48023E-01	0.00000E+00
61	-0.42057E-01	-0.79555E-02	0.48339E-01	0.00000E+00
62	-0.28193E-01	-0.28551E-02	0.38418E-01	0.00000E+00
63	-0.33581E-01	-0.39723E-02	0.44843E-01	0.00000E+00
64	-0.41309E-01	-0.76799E-02	0.43366E-01	0.00000E+00
65	-0.42064E-01	-0.79838E-02	0.48383E-01	0.00000E+00
66	-0.42117E-01	-0.80402E-02	0.48471E-01	0.00000E+00
67	-0.42171E-01	-0.80981E-02	0.48564E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.12168E-01	-0.34451E-03	0.17769E-01	0.00000E+00
70	-0.23743E-01	-0.10742E-02	0.33841E-01	0.00000E+00
71	-0.38338E-01	-0.52050E-02	0.50242E-01	0.00000E+00
72	-0.41373E-01	-0.76997E-02	0.48784E-01	0.00000E+00
73	-0.32562E-01	-0.24443E-02	0.44887E-01	0.00000E+00
74	-0.42584E-01	-0.81567E-02	0.50044E-01	0.00000E+00
75	-0.42216E-01	-0.81475E-02	0.48642E-01	0.00000E+00
76	-0.42501E-01	-0.82412E-02	0.48769E-01	0.00000E+00
77	-0.37037E-01	-0.34085E-02	0.50084E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.12161E-01	0.94742E-04	0.17927E-01	0.00000E+00
80	-0.23425E-01	-0.17315E-03	0.33531E-01	0.00000E+00
81	-0.26658E-01	-0.37639E-03	0.37762E-01	0.00000E+00
82	-0.31546E-01	-0.10327E-02	0.43505E-01	0.00000E+00
83	-0.42623E-01	-0.66338E-02	0.54593E-01	0.00000E+00
84	-0.40364E-01	-0.32259E-02	0.53615E-01	0.00000E+00
85	-0.43104E-01	-0.83626E-02	0.48929E-01	0.00000E+00
86	-0.43954E-01	-0.86033E-02	0.51268E-01	0.00000E+00
87	-0.35903E-01	-0.18045E-02	0.48526E-01	0.00000E+00
88	-0.43497E-01	-0.77163E-02	0.52991E-01	0.00000E+00
89	-0.43632E-01	-0.84741E-02	0.49072E-01	0.00000E+00
90	-0.29330E-01	-0.34275E-03	0.35988E-01	0.00000E+00
91	-0.32143E-01	-0.83752E-03	0.38788E-01	0.00000E+00
92	-0.33908E-01	-0.13158E-02	0.40262E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.11749E-01	0.00000E+00	0.12244E-01	0.00000E+00
95	-0.21906E-01	0.00000E+00	0.22876E-01	0.00000E+00
96	-0.24499E-01	0.00000E+00	0.25476E-01	0.00000E+00
97	-0.27634E-01	0.00000E+00	0.28647E-01	0.00000E+00
98	-0.29174E-01	0.00000E+00	0.29524E-01	0.00000E+00
99	-0.30205E-01	-0.41155E-03	0.33972E-01	0.00000E+00
100	-0.35850E-01	-0.17941E-02	0.43422E-01	0.00000E+00
101	-0.44485E-01	-0.47531E-02	0.56330E-01	0.00000E+00
102	-0.45017E-01	-0.86261E-02	0.49259E-01	0.00000E+00
103	-0.45065E-01	-0.75298E-02	0.56775E-01	0.00000E+00
104	-0.46060E-01	-0.92675E-02	0.52634E-01	0.00000E+00
105	-0.46115E-01	-0.87638E-02	0.49395E-01	0.00000E+00
106	-0.46657E-01	-0.83011E-02	0.57853E-01	0.00000E+00
107	-0.47622E-01	-0.98377E-02	0.53349E-01	0.00000E+00
108	-0.47050E-01	-0.88823E-02	0.49479E-01	0.00000E+00
109	-0.47770E-01	-0.89829E-02	0.49498E-01	0.00000E+00
110	-0.49263E-01	-0.94352E-02	0.53323E-01	0.00000E+00
111	-0.48800E-01	-0.10359E-01	0.53624E-01	0.00000E+00
112	-0.48364E-01	-0.90669E-02	0.49455E-01	0.00000E+00
113	-0.49525E-01	-0.96804E-02	0.57432E-01	0.00000E+00
114	-0.48757E-01	-0.91272E-02	0.49338E-01	0.00000E+00
115	-0.49019E-01	-0.91725E-02	0.49151E-01	0.00000E+00
116	-0.49119E-01	-0.91976E-02	0.48879E-01	0.00000E+00

55055

117	-0.49221E-01	-0.10585E-01	0.53151E-01	0.00000E+00
118	-0.49119E-01	-0.92050E-02	0.48719E-01	0.00000E+00
119	-0.49034E-01	-0.92054E-02	0.48408E-01	0.00000E+00
120	-0.49319E-01	-0.10779E-01	0.52183E-01	0.00000E+00
121	-0.49001E-01	-0.91976E-02	0.47996E-01	0.00000E+00
122	-0.48999E-01	-0.91858E-02	0.47982E-01	-0.30326E-05
123	-0.48988E-01	-0.91587E-02	0.47954E-01	-0.58131E-05
124	-0.48970E-01	-0.91120E-02	0.47926E-01	-0.95281E-05
125	-0.48935E-01	-0.90380E-02	0.47892E-01	-0.14839E-04
126	-0.48841E-01	-0.88419E-02	0.47834E-01	-0.23664E-04
127	-0.48712E-01	-0.85739E-02	0.47775E-01	-0.29285E-04
128	-0.48392E-01	-0.78678E-02	0.47652E-01	-0.33346E-04
129	-0.48083E-01	-0.71449E-02	0.47536E-01	-0.31687E-04
130	-0.47781E-01	-0.63813E-02	0.47409E-01	-0.26885E-04
131	-0.47441E-01	-0.53999E-02	0.47217E-01	-0.17580E-04
132	-0.47242E-01	-0.47339E-02	0.47058E-01	-0.12844E-04
133	-0.47097E-01	-0.41660E-02	0.46926E-01	-0.12997E-04
134	-0.46960E-01	-0.34961E-02	0.46825E-01	-0.16439E-04
135	-0.46826E-01	-0.26585E-02	0.46748E-01	-0.19196E-04
136	-0.46725E-01	-0.17993E-02	0.46690E-01	-0.18367E-04
137	-0.46669E-01	-0.98689E-03	0.46659E-01	-0.18145E-04
138	-0.46632E-01	-0.14420E-03	0.46633E-01	-0.17847E-04
139	-0.46632E-01	-0.18117E-04	0.46632E-01	-0.18106E-04

652

000656

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8600E+01

653

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.35698E-01	-0.71705E-01	-0.15371E-02	-0.19087E+01	-0.22160E-01	0.19301E+01
2	-0.59604E-02	-0.65901E-01	0.29681E-01	-0.16410E+01	-0.19815E-01	0.16236E+01
3	0.80954E-01	-0.46429E-01	0.59327E-01	-0.12308E+01	0.34324E-01	0.12675E+01
4	-0.10858E+00	-0.89540E-01	-0.17225E+00	-0.10180E+01	0.69821E-01	0.10580E+01
5	0.74385E-01	-0.27784E-01	0.62098E-01	-0.10143E+01	0.28108E-01	0.10449E+01
6	-0.63698E-01	-0.10399E+00	0.37025E-01	-0.10594E+01	0.29299E-01	0.10756E+01
7	-0.71734E-02	-0.20240E-02	0.58379E-01	-0.74852E+00	0.16859E-01	0.73769E+00
8	-0.49240E-01	-0.22759E-01	0.78663E-01	-0.75628E+00	0.51777E-01	0.76981E+00
9	-0.18676E+00	-0.36901E+00	-0.18552E+00	-0.16992E+01	0.86873E-02	0.19572E+01
10	-0.14311E+00	-0.37983E+00	-0.10449E+00	-0.16684E+01	0.31917E-01	0.17011E+01
11	-0.31150E-01	-0.31980E+00	0.16909E+00	-0.14095E+01	0.10368E+00	0.13997E+01
12	-0.22082E+00	-0.18866E+00	-0.17546E-01	-0.11489E+01	0.12360E+00	0.10868E+01
13	-0.13239E-01	-0.12235E+00	0.13658E+00	-0.11768E+01	0.66851E-01	0.11437E+01
14	-0.25416E+00	-0.27698E+00	0.15006E-01	-0.12355E+01	0.11720E+00	0.12322E+01
15	-0.14658E+00	-0.57036E-01	0.39947E-01	-0.85817E+00	0.12218E+00	0.82014E+00
16	-0.16229E+00	-0.39901E-01	0.15667E+00	-0.88711E+00	0.15127E+00	0.89124E+00
17	-0.27436E+00	-0.63278E+00	-0.28807E+00	-0.18235E+01	-0.94983E-03	0.20357E+01
18	-0.12759E+00	-0.69398E+00	-0.12771E+00	-0.16755E+01	0.14419E-01	0.18074E+01
19	0.20119E+00	-0.68930E+00	0.33718E+00	-0.15761E+01	0.91904E-01	0.15709E+01
20	-0.37974E+00	-0.34073E+00	-0.18777E-01	-0.13867E+01	0.20018E+00	0.12487E+01
21	-0.72404E-01	-0.58052E+00	0.56129E-01	-0.14298E+01	0.72317E-01	0.13848E+01
22	-0.44858E+00	-0.11584E+01	-0.26986E+00	-0.15222E+01	0.14674E+00	0.15218E+01
23	-0.34280E+00	-0.19183E+00	0.90461E-01	-0.10950E+01	0.22207E+00	0.10051E+01
24	-0.63763E+00	-0.39701E+00	-0.57197E-01	-0.13017E+01	0.31301E+00	0.10754E+01
25	-0.43007E+00	-0.74164E+00	-0.80283E-01	-0.12367E+01	0.21391E+00	0.12089E+01
26	-0.15771E+01	-0.18073E+01	-0.93023E+00	-0.15609E+01	0.36004E+00	0.13438E+01
27	-0.31180E+00	-0.75527E+00	-0.33174E+00	-0.17252E+01	-0.10629E-01	0.20887E+01
28	-0.95187E-01	-0.85410E+00	-0.12502E+00	-0.15813E+01	-0.17143E-01	0.18768E+01
29	0.46451E+00	-0.90745E+00	0.47256E+00	-0.14132E+01	-0.10964E-01	0.16770E+01
30	-0.87711E-01	-0.89779E+00	0.20804E-01	-0.14209E+01	0.13353E+00	0.15232E+01
31	-0.17092E+00	-0.11711E+01	-0.12430E+00	-0.12704E+01	-0.44245E-02	0.15648E+01
32	-0.27040E+00	-0.11356E+01	-0.11942E+00	-0.12140E+01	0.54473E-01	0.16007E+01
33	-0.11099E+01	-0.15154E+01	-0.61115E+00	-0.13465E+01	0.28093E+00	0.13960E+01
34	-0.22646E+01	-0.22233E+01	-0.13431E+01	-0.13412E+01	0.41687E+00	0.14864E+01
35	-0.99667E+00	-0.13758E+01	-0.49259E+00	-0.12790E+01	0.15577E+00	0.14834E+01
36	-0.24402E-01	-0.77890E+00	0.13891E+00	-0.12358E+01	0.48305E-01	0.14902E+01
37	-0.11082E+01	-0.15527E+01	-0.59911E+00	-0.13498E+01	0.16513E+00	0.15222E+01
38	-0.27088E+00	-0.66097E+00	-0.26637E+00	-0.16313E+01	-0.20844E-01	0.21259E+01
39	-0.75063E-01	-0.73600E+00	-0.40841E-01	-0.15125E+01	-0.47077E-01	0.19090E+01
40	0.37981E+00	-0.95197E+00	0.48462E+00	-0.12451E+01	-0.61370E-01	0.16736E+01
41	0.48026E+00	-0.68728E+00	0.60904E+00	-0.12949E+01	-0.10990E+00	0.16852E+01
42	0.48769E+00	-0.63572E+00	0.65517E+00	-0.12955E+01	-0.13088E+00	0.16628E+01
43	-0.37501E-01	-0.96863E+00	0.45704E-01	-0.11672E+01	-0.44097E-01	0.15816E+01
44	0.22515E+00	-0.63140E+00	0.29967E+00	-0.11190E+01	-0.11951E+00	0.14897E+01
45	0.26239E+00	-0.60245E+00	0.33479E+00	-0.11853E+01	-0.73522E-01	0.14693E+01
46	0.13012E+00	-0.68424E+00	0.24296E+00	-0.11580E+01	-0.84278E-01	0.14686E+01
47	-0.40823E+00	-0.11017E+01	-0.13559E+00	-0.12720E+01	-0.46920E-01	0.15236E+01
48	-0.59264E+00	-0.12547E+01	-0.27029E+00	-0.13433E+01	-0.68040E-01	0.15305E+01
49	-0.22568E+00	-0.11154E+01	-0.67784E-01	-0.12788E+01	-0.10128E+00	0.15295E+01
50	0.10497E+01	-0.38481E+00	0.72915E+00	-0.10558E+01	-0.35243E+00	0.12602E+01
51	0.27615E+00	0.48790E-01	0.59820E+00	-0.47357E-01	-0.67896E-01	0.31789E+00
52	0.14004E+01	0.11784E+01	0.14945E+01	0.50877E+00	-0.16282E+00	-0.16986E+00
53	0.32933E+00	-0.63706E+00	0.33833E+00	-0.97397E+00	-0.80732E-01	0.11909E+01
54	-0.13801E+00	-0.40108E+00	-0.10451E+00	-0.15213E+01	-0.24100E-01	0.21758E+01

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2229

55	-0.18646E-01	-0.53304E+00	0.75226E-01	-0.14550E+01	-0.60207E-01	0.19483E+01
56	0.44229E+00	-0.51689E+00	0.68600E+00	-0.12506E+01	-0.12557E+00	0.16872E+01
57	0.24776E+00	-0.50267E+00	0.38464E+00	-0.10901E+01	-0.66708E-01	0.14554E+01
58	0.30398E+00	-0.50600E+00	0.43665E+00	-0.90737E+00	-0.49886E-01	0.12077E+01
59	-0.20390E+00	-0.35546E+00	-0.15428E+00	-0.15028E+01	-0.24808E-01	0.21977E+01
60	0.73903E-01	-0.29003E-01	0.14833E+00	-0.14670E+01	-0.60492E-01	0.21757E+01
61	0.36266E-02	-0.81639E-01	0.37026E-01	-0.14550E+01	-0.30639E-01	0.21726E+01
62	0.12767E+00	0.15102E+00	0.16864E+00	-0.14863E+01	-0.20387E-01	0.21907E+01
63	0.37640E-01	-0.29136E+00	0.17363E+00	-0.14023E+01	-0.10662E+00	0.19683E+01
64	0.17079E+00	0.25041E-01	0.31854E+00	-0.13466E+01	-0.91375E-01	0.19399E+01
65	0.32693E+00	-0.44096E+00	0.64376E+00	-0.12273E+01	-0.26634E+00	0.17168E+01
66	0.45694E+00	-0.16089E+00	0.72770E+00	-0.11741E+01	-0.29381E+00	0.15915E+01
67	0.38311E+00	0.14036E+00	0.73228E+00	-0.10643E+01	-0.26670E+00	0.15629E+01
68	0.26192E+00	-0.39896E+00	0.43530E+00	-0.10349E+01	-0.17122E+00	0.14401E+01
69	0.29514E+00	-0.19431E+00	0.47574E+00	-0.10021E+01	-0.18391E+00	0.14990E+01
70	0.55022E+00	0.89736E-01	0.65971E+00	-0.93017E+00	-0.26752E+00	0.12604E+01
71	0.38323E+00	-0.29381E+00	0.54822E+00	-0.85609E+00	-0.18796E+00	0.12046E+01
72	0.44693E+00	-0.11506E+00	0.58191E+00	-0.82662E+00	-0.28781E+00	0.11348E+01
73	0.95480E-01	0.99505E-01	0.11275E+00	-0.14620E+01	-0.64502E-01	0.18436E+01
74	0.17824E+00	0.11009E+00	0.21158E+00	-0.13084E+01	-0.18414E+00	0.16035E+01
75	0.31967E+00	0.10915E+00	0.36708E+00	-0.10636E+01	-0.51230E+00	0.12546E+01
76	0.44089E+00	-0.35562E-01	0.46561E+00	-0.10226E+01	-0.43415E+00	0.12507E+01
77	0.38450E+00	0.22264E+00	0.40652E+00	-0.80142E+00	-0.32465E+00	0.94876E+00
78	0.51961E+00	0.37712E+00	0.42298E+00	-0.67520E+00	-0.34968E+00	0.64471E+00
79	0.62670E+00	0.93135E-01	0.56660E+00	-0.74136E+00	-0.47339E+00	0.85788E+00
80	0.85424E+00	0.28095E+00	0.59852E+00	-0.57008E+00	-0.49749E+00	0.61159E+00
81	0.35588E+00	0.11386E+00	0.27640E+00	-0.34172E+00	-0.35836E+00	0.33010E+00
82	0.55590E+00	0.38787E+00	0.41376E+00	-0.28934E+00	-0.37527E+00	0.23444E+00
83	0.74791E+00	0.12329E+00	0.49037E+00	-0.45067E+00	-0.49657E+00	0.41713E+00
84	0.62113E+00	0.18284E+00	0.63462E+00	-0.50567E+00	-0.52178E+00	0.49784E+00
85	0.83656E+00	-0.16403E-01	0.68132E+00	-0.63273E+00	-0.58626E+00	0.64941E+00
86	0.89595E+00	0.74770E-01	0.73861E+00	-0.49341E+00	-0.58521E+00	0.40513E+00
87	0.58351E+00	0.55311E-01	0.71854E+00	-0.63374E+00	-0.30039E+00	0.90619E+00
88	0.46751E+00	-0.24639E+00	0.60337E+00	-0.64366E+00	-0.21868E+00	0.84622E+00
89	0.47593E+00	-0.24637E+00	0.60691E+00	-0.48181E+00	-0.23517E+00	0.67746E+00
90	0.67165E+00	-0.18334E-01	0.73012E+00	-0.37276E+00	-0.26175E+00	0.43824E+00
91	0.59787E+00	-0.68173E-01	0.69383E+00	-0.29961E+00	-0.25184E+00	0.39463E+00
92	0.66833E+00	0.63921E-01	0.73790E+00	-0.19210E+00	-0.23864E+00	0.18588E+00
93	0.40642E+00	-0.77790E+00	0.32735E+00	-0.65486E+00	-0.82142E-01	0.98208E+00
94	0.44502E+00	-0.43455E+00	0.50391E+00	-0.68976E+00	-0.45011E-01	0.97129E+00
95	0.31409E+00	-0.16676E+00	0.53921E+00	-0.44197E+00	0.50667E-01	0.67044E+00
96	0.40320E+00	-0.36273E+00	0.54057E+00	-0.65541E+00	-0.19471E-01	0.89910E+00
97	0.29534E+00	-0.18335E+00	0.50794E+00	-0.45613E+00	0.56929E-01	0.55068E+00
98	0.31367E+00	-0.19400E+00	0.54185E+00	-0.45460E+00	0.83002E-01	0.60371E+00
99	0.42937E+00	-0.26766E+00	0.60026E+00	-0.52827E+00	0.39031E-02	0.71701E+00
100	0.27016E+00	-0.20338E+00	0.49294E+00	-0.35154E+00	0.10428E+00	0.40914E+00
101	0.29844E+00	-0.79750E-01	0.49051E+00	-0.22290E+00	0.13821E+00	0.26466E+00
102	0.14057E+00	-0.18840E+00	0.39225E+00	-0.26304E+00	0.14152E+00	0.22442E+00
103	0.68658E-01	-0.67135E-02	0.34286E+00	-0.43950E-01	0.21771E+00	0.80676E-01
104	0.79407E-01	0.36133E-01	0.32689E+00	0.47325E-01	0.23107E+00	-0.13028E-01
105	0.63523E+00	-0.41303E+00	0.54951E+00	-0.57333E+00	-0.14671E+00	0.96770E+00
106	0.11775E+01	0.57846E+00	0.11672E+01	0.30387E-01	-0.21354E+00	0.40165E+00
107	0.80625E+00	0.15199E+00	0.84312E+00	-0.26872E+00	-0.12494E+00	0.71343E+00
108	0.63497E+00	0.11311E+00	0.79056E+00	-0.27880E+00	-0.14652E+00	0.70649E+00
109	0.78034E+00	0.32864E+00	0.91825E+00	-0.70657E-01	-0.12705E+00	0.40130E+00
110	0.14436E+00	-0.33902E+00	0.39631E+00	-0.42796E+00	-0.75237E-01	0.69923E+00
111	0.20428E+00	0.23886E-01	0.56563E+00	-0.29738E+00	0.31874E-02	0.34354E+00
112	0.19524E+00	0.20428E-01	0.54646E+00	-0.47822E+00	0.82429E-02	0.33788E+00
113	-0.20794E+00	-0.52610E+00	0.16289E+00	-0.55872E+00	0.70851E-01	0.69628E+00
114	0.12088E-02	-0.92979E-01	0.40059E+00	-0.44704E+00	0.14118E+00	0.33045E+00

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115	-0.13897E-01	-0.96517E-01	0.35387E+00	-0.76764E+00	0.15449E+00	0.31717E+00
116	-0.13721E+00	-0.49975E+00	0.14699E+00	-0.61241E+00	0.22105E+00	0.57955E+00
117	0.21992E+00	0.55931E-01	0.44209E+00	-0.66276E+00	0.32016E+00	0.29751E+00
118	0.20068E+00	0.57552E-01	0.39236E+00	-0.57484E+00	0.33540E+00	0.27194E+00
119	0.18577E-01	-0.34692E+00	0.19509E+00	-0.51370E+00	0.35910E+00	0.41535E+00
120	0.23476E+00	0.85687E-01	0.36082E+00	-0.50560E+00	0.43846E+00	0.24325E+00
121	0.22565E+00	0.94522E-01	0.32922E+00	-0.43776E+00	0.44970E+00	0.21116E+00
122	-0.71611E-01	-0.39552E+00	0.71140E-01	-0.45884E+00	0.45379E+00	0.30590E+00
123	0.52713E-01	-0.99431E-03	0.17354E+00	-0.37962E+00	0.52581E+00	0.17641E+00
124	0.53068E-01	0.15646E-01	0.15779E+00	-0.30837E+00	0.53386E+00	0.13994E+00
125	0.43040E-01	-0.81494E-01	0.18153E+00	-0.28991E+00	0.50328E+00	0.11022E+00
126	-0.90194E-02	-0.85151E-02	0.52959E-01	-0.24206E+00	0.54626E+00	0.96103E-01
127	-0.43542E-02	0.74334E-02	0.78673E-01	-0.18820E+00	0.55074E+00	0.70228E-01
128	-0.10682E+00	-0.11796E+00	0.79785E-02	-0.20366E+00	0.53413E+00	0.27123E-01
129	-0.20192E+00	-0.10738E+00	-0.95866E-01	-0.16833E+00	0.55694E+00	0.22131E-01
183	0.64917E+00	-0.65182E+00	0.46221E+00	-0.10128E+01	-0.16207E+00	0.12483E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.32686E+00	0.21790E+01	-0.18522E+01	-0.17542E+02	0.18698E+02	0.91444E+01
131	0.87937E-01	0.58625E+00	-0.49831E+00	-0.33500E+02	0.35264E+02	0.33058E+02
132	0.15332E+00	0.10221E+01	-0.86881E+00	-0.57585E+02	0.56844E+02	0.56363E+02
133	0.10554E+00	0.70357E+00	-0.59804E+00	-0.86299E+02	0.78219E+02	0.82002E+02
134	0.21348E+00	0.14232E+01	-0.12097E+01	-0.11955E+03	0.99673E+02	0.11107E+03
135	0.30577E+00	0.20384E+01	-0.17327E+01	-0.14920E+03	0.11465E+03	0.13608E+03
136	0.21256E+00	0.14171E+01	-0.12045E+01	-0.16904E+03	0.12223E+03	0.15191E+03
137	0.24727E+00	0.16485E+01	-0.14012E+01	-0.15611E+03	0.13224E+03	0.15948E+03
138	0.17059E+00	0.11372E+01	-0.69343E+00	-0.16074E+03	0.21855E+03	0.17077E+03
139	-0.84044E+00	-0.56029E+01	0.58249E+01	-0.14908E+03	0.39071E+03	0.18289E+03
140	-0.22427E+01	-0.14951E+02	0.12708E+02	-0.20208E+03	0.47239E+03	0.20631E+03
141	-0.21196E+01	-0.14131E+02	0.12011E+02	-0.19926E+03	0.47795E+03	0.22077E+03
142	-0.24416E+01	-0.16277E+02	0.13836E+02	-0.21139E+03	0.47976E+03	0.23248E+03
143	-0.25009E+01	-0.16672E+02	0.14172E+02	0.97952E+02	0.52639E+03	-0.90087E+02
144	-0.28559E+01	-0.19039E+02	0.16183E+02	0.95272E+02	0.52338E+03	-0.75518E+02
145	0.97023E+00	0.64683E+01	0.71951E+00	-0.20448E+03	0.37581E+03	-0.33621E+03
146	0.39020E+00	0.26013E+01	-0.72960E+00	-0.18863E+03	0.27279E+03	-0.32285E+03
147	0.39259E+00	0.26173E+01	-0.67624E+00	-0.17793E+03	0.27626E+03	-0.31506E+03
148	0.39484E+00	0.26323E+01	0.10243E+01	-0.17677E+03	0.27815E+03	-0.31639E+03
149	0.39714E+00	0.26476E+01	0.98087E+00	-0.18230E+03	0.27910E+03	-0.32490E+03
150	0.44373E+00	0.29582E+01	0.89311E+00	-0.15401E+03	0.29609E+03	-0.31281E+03
151	0.52541E+00	0.35027E+01	0.68849E+01	-0.16060E+03	0.32908E+03	-0.32169E+03
152	0.50052E+00	0.33368E+01	0.11682E+02	-0.15725E+03	0.31285E+03	-0.31757E+03
153	0.46624E+00	0.31083E+01	0.10224E+02	-0.14373E+03	0.29184E+03	-0.30856E+03
154	0.40071E+00	0.26714E+01	0.18749E+02	-0.13295E+03	0.24940E+03	-0.29781E+03
155	0.31130E+00	0.20753E+01	0.14918E+02	-0.12582E+03	0.19037E+03	-0.27641E+03
156	0.23626E+00	0.15750E+01	0.12860E+02	-0.11148E+03	0.14208E+03	-0.25457E+03
157	0.17204E+00	0.11469E+01	0.10111E+02	-0.97593E+02	0.10100E+03	-0.22543E+03
158	0.11666E+00	0.77775E+00	0.86294E+01	-0.84313E+02	0.65770E+02	-0.19740E+03
159	0.69159E-01	0.46106E+00	0.61240E+01	-0.62047E+02	0.37180E+02	-0.16284E+03
160	0.29505E-01	0.19670E+00	0.45853E+01	-0.48899E+02	0.12498E+02	-0.13050E+03
161	-0.45862E-02	-0.32535E-01	0.29826E+01	-0.30232E+02	-0.76069E+01	-0.92664E+02
162	-0.29730E-01	-0.19820E+00	0.17099E+01	-0.19342E+02	-0.20465E+02	-0.65713E+02
163	-0.57765E-01	-0.38510E+00	0.15209E+01	-0.58251E+01	-0.35000E+02	-0.46563E+02
164	-0.90220E-01	-0.60146E+00	0.98539E+00	0.19405E+01	-0.53009E+02	-0.24851E+02

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165	-0.66502E+02	-0.15936E+02	0.50718E+01	-0.56509E+01	-0.65488E+02	-0.14655E+02
166	-0.59624E+02	-0.13107E+02	0.33853E+01	-0.50478E+01	-0.63140E+02	-0.13875E+02
167	-0.51642E+02	-0.99587E+01	0.17224E+01	-0.46562E+01	-0.56202E+02	-0.13214E+02
168	-0.43476E+02	-0.74011E+01	0.56729E+00	-0.42492E+01	-0.48451E+02	-0.12649E+02
169	-0.32393E+02	-0.49527E+01	-0.13120E+00	-0.38677E+01	-0.44185E+02	-0.12004E+02
170	-0.20546E+02	-0.25891E+01	-0.70013E+00	-0.33963E+01	-0.42715E+02	-0.11222E+02
171	-0.66956E+01	0.31736E-01	-0.11915E+01	-0.26913E+01	-0.38257E+02	-0.10014E+02
172	0.30202E+01	0.16961E+01	-0.13536E+01	-0.18291E+01	-0.30629E+02	-0.85391E+01
173	0.61500E+01	0.18534E+01	-0.10018E+01	-0.11842E+01	-0.21869E+02	-0.73072E+01
174	0.58644E+01	0.12274E+01	-0.40998E+00	-0.72147E+00	-0.14082E+02	-0.61545E+01
175	0.19490E+01	0.14608E+00	0.81283E-01	-0.67328E+00	-0.94389E+01	-0.53273E+01
176	-0.81632E-01	-0.26222E+00	0.19158E+00	-0.75512E+00	-0.88156E+01	-0.47645E+01
177	-0.81178E+00	-0.28821E+00	0.12522E+00	-0.75824E+00	-0.87913E+01	-0.38998E+01
178	-0.46089E+00	-0.59943E-01	-0.21718E-01	-0.60494E+00	-0.66600E+01	-0.28420E+01
179	0.14675E+00	0.66865E-01	-0.49327E-01	-0.33650E+00	-0.46673E+01	-0.19684E+01
180	0.31369E-01	0.16415E-01	-0.14538E-01	-0.13024E+00	-0.26958E+01	-0.11689E+01
181	0.35388E-01	0.49157E-01	-0.41188E-01	0.10815E+00	-0.12267E+01	-0.37776E+00
182	-0.11422E+00	-0.53057E-01	0.31239E-01	0.11504E+00	0.34164E+00	0.46425E-01

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OTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8700E+01 (FOR FOURIER TERM, NUMBER 1)

657

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.36686E-01	-0.54149E-04	-0.39166E-01	0.00000E+00
3	0.73272E-01	0.16038E-04	-0.73172E-01	0.00000E+00
4	0.82323E-01	0.15169E-04	-0.81926E-01	0.00000E+00
5	0.94946E-01	-0.64726E-04	-0.94907E-01	0.00000E+00
6	0.10392E+00	0.12803E-04	-0.10392E+00	0.00000E+00
7	0.95092E-01	0.97444E-03	-0.95328E-01	0.00000E+00
8	0.10422E+00	0.89199E-03	-0.10441E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.38682E-01	0.59038E-03	-0.38817E-01	0.00000E+00
11	0.72974E-01	0.12830E-02	-0.73377E-01	0.00000E+00
12	0.82062E-01	0.15809E-02	-0.82659E-01	0.00000E+00
13	0.95381E-01	0.16644E-02	-0.96015E-01	0.00000E+00
14	0.10490E+00	0.16167E-02	-0.10572E+00	0.00000E+00
15	0.96139E-01	0.31285E-02	-0.97947E-01	0.00000E+00
16	0.10603E+00	0.28594E-02	-0.10792E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.38025E-01	0.13239E-02	-0.39501E-01	0.00000E+00
19	0.72745E-01	0.31470E-02	-0.75223E-01	0.00000E+00
20	0.82436E-01	0.39485E-02	-0.85148E-01	0.00000E+00
21	0.96958E-01	0.41689E-02	-0.99966E-01	0.00000E+00
22	0.10767E+00	0.40160E-02	-0.11110E+00	0.00000E+00
23	0.98108E-01	0.63253E-02	-0.10290E+00	0.00000E+00
24	0.10988E+00	0.60200E-02	-0.11539E+00	0.00000E+00
25	0.11121E+00	0.77049E-02	-0.11801E+00	0.00000E+00
26	0.11200E+00	0.83207E-02	-0.11956E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.36563E-01	0.17503E-02	-0.39662E-01	0.00000E+00
29	0.71179E-01	0.45927E-02	-0.76418E-01	0.00000E+00
30	0.81792E-01	0.61846E-02	-0.87417E-01	0.00000E+00
31	0.98260E-01	0.79007E-02	-0.10540E+00	0.00000E+00
32	0.11278E+00	0.89403E-02	-0.12119E+00	0.00000E+00
33	0.98122E-01	0.82408E-02	-0.10601E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.36004E-01	0.15971E-02	-0.39444E-01	0.00000E+00
36	0.70394E-01	0.42758E-02	-0.76169E-01	0.00000E+00
37	0.81120E-01	0.58004E-02	-0.87159E-01	0.00000E+00
38	0.97988E-01	0.77943E-02	-0.10618E+00	0.00000E+00
39	0.11384E+00	0.93234E-02	-0.12381E+00	0.00000E+00
40	0.11363E+00	0.92986E-02	-0.12325E+00	0.00000E+00
41	0.11342E+00	0.92736E-02	-0.12271E+00	0.00000E+00
42	0.11319E+00	0.92247E-02	-0.12205E+00	0.00000E+00
43	0.79838E-01	0.45063E-02	-0.85230E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.34164E-01	0.95344E-03	-0.37534E-01	0.00000E+00
46	0.67673E-01	0.27030E-02	-0.72374E-01	0.00000E+00
47	0.11390E+00	0.93234E-02	-0.12400E+00	0.00000E+00
48	0.11391E+00	0.93243E-02	-0.12400E+00	0.00000E+00
49	0.97902E-01	0.76167E-02	-0.10607E+00	0.00000E+00
50	0.11398E+00	0.93911E-02	-0.12431E+00	0.00000E+00
51	0.96409E-01	0.61964E-02	-0.10232E+00	0.00000E+00
52	0.11142E+00	0.92304E-02	-0.11736E+00	0.00000E+00
53	0.11386E+00	0.92933E-02	-0.12401E+00	0.00000E+00
54	0.78104E-01	0.38281E-02	-0.82542E-01	0.00000E+00
55	0.94181E-01	0.56510E-02	-0.98524E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.32501E-01	-0.33230E-04	-0.34548E-01	0.00000E+00
58	0.64663E-01	0.12660E-02	-0.67515E-01	0.00000E+00
59	0.10767E+00	0.76617E-02	-0.11163E+00	0.00000E+00
60	0.11032E+00	0.38159E-02	-0.11540E+00	0.00000E+00
61	0.11401E+00	0.94343E-02	-0.12450E+00	0.00000E+00
62	0.74694E-01	0.18873E-02	-0.77099E-01	0.00000E+00
63	0.59487E-01	0.31334E-02	-0.91211E-01	0.00000E+00
64	0.11215E+00	0.93595E-02	-0.11828E+00	0.00000E+00
65	0.11403E+00	0.94756E-02	-0.12470E+00	0.00000E+00
66	0.11419E+00	0.95574E-02	-0.12509E+00	0.00000E+00
67	0.11436E+00	0.96394E-02	-0.12549E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.31608E-01	-0.51145E-03	-0.31787E-01	0.00000E+00
70	0.61665E-01	-0.64215E-03	-0.61487E-01	0.00000E+00
71	0.10296E+00	0.45474E-02	-0.10377E+00	0.00000E+00
72	0.11244E+00	0.94266E-02	-0.11757E+00	0.00000E+00
73	0.85046E-01	0.39971E-03	-0.83137E-01	0.00000E+00
74	0.11613E+00	0.10006E-01	-0.12117E+00	0.00000E+00
75	0.11451E+00	0.97063E-02	-0.12585E+00	0.00000E+00
76	0.11541E+00	0.98277E-02	-0.12650E+00	0.00000E+00
77	0.97304E-01	0.15970E-02	-0.93869E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.30953E-01	-0.12989E-02	-0.29268E-01	0.00000E+00
80	0.59292E-01	-0.21846E-02	-0.55328E-01	0.00000E+00
81	0.67444E-01	-0.25192E-02	-0.62643E-01	0.00000E+00
82	0.79943E-01	-0.18492E-02	-0.73197E-01	0.00000E+00
83	0.11523E+00	0.64319E-02	-0.11492E+00	0.00000E+00
84	0.10419E+00	0.11178E-02	-0.95093E-01	0.00000E+00
85	0.11733E+00	0.99849E-02	-0.12735E+00	0.00000E+00
86	0.12033E+00	0.10367E-01	-0.12517E+00	0.00000E+00
87	0.91402E-01	-0.96747E-03	-0.32876E-01	0.00000E+00
88	0.11873E+00	0.86038E-02	-0.12041E+00	0.00000E+00
89	0.11906E+00	0.10123E-01	-0.12817E+00	0.00000E+00
90	0.70105E-01	-0.14327E-02	-0.52867E-01	0.00000E+00
91	0.76553E-01	-0.64675E-03	-0.56634E-01	0.00000E+00
92	0.80787E-01	0.15697E-03	-0.58925E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.26918E-01	0.00000E+00	-0.14792E-01	0.00000E+00
95	0.49721E-01	0.00000E+00	-0.27556E-01	0.00000E+00
96	0.55280E-01	0.00000E+00	-0.30775E-01	0.00000E+00
97	0.62260E-01	0.00000E+00	-0.34851E-01	0.00000E+00
98	0.65231E-01	0.00000E+00	-0.36415E-01	0.00000E+00
99	0.69870E-01	-0.54435E-03	-0.46437E-01	0.00000E+00
100	0.86644E-01	0.51470E-03	-0.66032E-01	0.00000E+00
101	0.11501E+00	0.36995E-02	-0.10140E+00	0.00000E+00
102	0.12360E+00	0.10296E-01	-0.12933E+00	0.00000E+00
103	0.12237E+00	0.76882E-02	-0.12074E+00	0.00000E+00
104	0.12726E+00	0.10975E-01	-0.13012E+00	0.00000E+00
105	0.12737E+00	0.10450E-01	-0.13038E+00	0.00000E+00
106	0.12742E+00	0.88441E-02	-0.12441E+00	0.00000E+00
107	0.13257E+00	0.11619E-01	-0.13351E+00	0.00000E+00
108	0.13060E+00	0.10562E-01	-0.13131E+00	0.00000E+00
109	0.13320E+00	0.10648E-01	-0.13207E+00	0.00000E+00
110	0.13424E+00	0.10676E-01	-0.12784E+00	0.00000E+00
111	0.13656E+00	0.12307E-01	-0.13579E+00	0.00000E+00
112	0.13536E+00	0.10703E-01	-0.13267E+00	0.00000E+00
113	0.13614E+00	0.10926E-01	-0.13031E+00	0.00000E+00
114	0.13691E+00	0.10722E-01	-0.13308E+00	0.00000E+00
115	0.13792E+00	0.10720E-01	-0.13329E+00	0.00000E+00
116	0.13849E+00	0.10697E-01	-0.13327E+00	0.00000E+00

658

5622

298000

117	0.13517E+00	0.12475E-01	-0.13627E+00	0.00000E+00
118	0.13851E+00	0.10680E-01	-0.13320E+00	0.00000E+00
119	0.13846E+00	0.10637E-01	-0.13295E+00	0.00000E+00
120	0.13897E+00	0.12557E-01	-0.13602E+00	0.00000E+00
121	0.13831E+00	0.10569E-01	-0.13256E+00	0.00000E+00
122	0.13830E+00	0.10504E-01	-0.13264E+00	0.16233E-04
123	0.13825E+00	0.10361E-01	-0.13268E+00	0.29851E-04
124	0.13816E+00	0.10126E-01	-0.13273E+00	0.46764E-04
125	0.13800E+00	0.97709E-02	-0.13277E+00	0.69143E-04
126	0.13759E+00	0.88905E-02	-0.13283E+00	0.10240E-03
127	0.13705E+00	0.77641E-02	-0.13289E+00	0.11912E-03
128	0.13586E+00	0.50769E-02	-0.13300E+00	0.11753E-03
129	0.13487E+00	0.27344E-02	-0.13311E+00	0.92676E-04
130	0.13415E+00	0.81473E-03	-0.13322E+00	0.55351E-04
131	0.13374E+00	-0.41450E-03	-0.13339E+00	0.58179E-05
132	0.13386E+00	-0.11352E-03	-0.13355E+00	-0.14133E-04
133	0.13405E+00	0.49741E-03	-0.13371E+00	-0.11004E-04
134	0.13412E+00	0.71704E-03	-0.13384E+00	-0.72839E-06
135	0.13412E+00	0.55687E-03	-0.13395E+00	0.45520E-05
136	0.13411E+00	0.35780E-03	-0.13403E+00	0.32059E-05
137	0.13411E+00	0.19030E-03	-0.13409E+00	0.33389E-05
138	0.13411E+00	0.25167E-04	-0.13411E+00	0.26019E-05
139	0.13411E+00	0.34283E-05	-0.13411E+00	0.33946E-05

659

5622

000863

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.3700E+01

660

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.36207E-01	0.10202E+00	-0.10537E-01	0.47526E+01	0.36838E-01	-0.47361E+01
2	-0.21493E-01	0.94524E-01	-0.68497E-01	0.42325E+01	0.40388E-01	-0.42602E+01
3	-0.12408E+00	0.69770E-01	-0.11529E+00	0.35410E+01	-0.33608E-01	-0.35279E+01
4	0.23358E+00	0.14640E+00	0.25360E+00	0.29227E+01	-0.11231E+00	-0.29795E+01
5	-0.93644E-01	0.29984E-01	-0.98963E-01	0.29363E+01	-0.39945E-01	-0.29790E+01
6	0.17341E+00	0.10531E+00	-0.36886E-01	0.30104E+01	-0.71094E-01	-0.30461E+01
7	0.10253E+00	0.16057E-01	-0.48016E-01	0.22027E+01	-0.48582E-01	-0.21894E+01
8	0.23740E+00	0.34579E-01	-0.48923E-01	0.22176E+01	-0.12393E+00	-0.22595E+01
9	0.23531E+00	0.51947E+00	0.24448E+00	0.47156E+01	-0.56009E-02	-0.48104E+01
10	0.13245E+00	0.55790E+00	0.13616E+00	0.43169E+01	-0.39487E-01	-0.43758E+01
11	0.10394E+00	0.48541E+00	-0.23274E+00	0.37654E+01	-0.17363E+00	-0.37750E+01
12	0.58038E+00	0.34275E+00	0.14977E+00	0.31502E+01	-0.27036E+00	-0.30582E+01
13	0.10754E+00	0.19758E+00	-0.16537E+00	0.32233E+01	-0.12204E+00	-0.32163E+01
14	0.58440E+00	0.38411E+00	0.41472E-01	0.33343E+01	-0.24109E+00	-0.33952E+01
15	0.50792E+00	0.96170E-01	-0.18962E-01	0.24188E+01	-0.28028E+00	-0.23723E+01
16	0.61960E+00	0.81029E-01	-0.85999E-01	0.25063E+01	-0.33847E+00	-0.25481E+01
17	0.28156E+00	0.76745E+00	0.32201E+00	0.45742E+01	0.28761E-01	-0.48612E+01
18	0.81458E-01	0.87982E+00	0.12232E+00	0.43078E+01	0.42523E-01	-0.45116E+01
19	-0.29152E+00	0.91912E+00	-0.44766E+00	0.39998E+01	-0.16424E-01	-0.41084E+01
20	0.85310E+00	0.53340E+00	0.14602E+00	0.35358E+01	-0.38294E+00	-0.34112E+01
21	0.12925E+00	0.79607E+00	-0.71378E-01	0.36636E+01	-0.44369E-01	-0.38005E+01
22	0.90353E+00	0.15942E+01	0.47898E+00	0.38448E+01	-0.25399E+00	-0.41120E+01
23	0.94591E+00	0.23559E+00	0.25198E-02	0.28949E+01	-0.48400E+00	-0.28539E+01
24	0.18114E+01	0.71395E+00	0.45247E+00	0.32472E+01	-0.74767E+00	-0.30342E+01
25	0.10125E+01	0.90336E+00	0.17026E+00	0.33059E+01	-0.44497E+00	-0.34299E+01
26	0.31935E+01	0.25938E+01	0.15594E+01	0.36790E+01	-0.88245E+00	-0.37949E+01
27	0.25976E+00	0.80257E+00	0.31474E+00	0.44163E+01	0.65521E-01	-0.48544E+01
28	-0.37234E-01	0.95901E+00	0.72949E-01	0.41609E+01	0.16161E+00	-0.45640E+01
29	-0.77212E+00	0.10676E+01	-0.62098E+00	0.37444E+01	0.39435E+00	-0.42823E+01
30	0.22832E+00	0.11217E+01	-0.26828E-01	0.37523E+01	-0.12694E+00	-0.41148E+01
31	0.75009E-01	0.14329E+01	0.84495E-01	0.35055E+01	0.25826E+00	-0.42486E+01
32	0.44427E+00	0.14659E+01	0.19631E+00	0.33910E+01	0.99532E-01	-0.43217E+01
33	0.23595E+01	0.21163E+01	0.11269E+01	0.36702E+01	-0.60552E+00	-0.39734E+01
34	0.51899E+01	0.39573E+01	0.29630E+01	0.37776E+01	-0.11302E+01	-0.42760E+01
35	0.14858E+01	0.14840E+01	0.48382E+00	0.37125E+01	-0.38811E+00	-0.42724E+01
36	-0.18881E+00	0.58554E+00	-0.50607E+00	0.34861E+01	0.13418E+00	-0.43641E+01
37	0.19578E+01	0.21953E+01	0.95358E+00	0.38462E+01	-0.41466E+00	-0.44852E+01
38	0.10276E+00	0.54335E+00	0.16457E+00	0.42655E+01	0.10043E+00	-0.47167E+01
39	-0.21637E+00	0.64433E+00	-0.67121E-01	0.40718E+01	0.28495E+00	-0.44204E+01
40	-0.79238E+00	0.10439E+01	-0.57265E+00	0.35701E+01	0.78987E+00	-0.42409E+01
41	-0.10874E+01	0.42072E+00	-0.74170E+00	0.37413E+01	0.74010E+00	-0.41689E+01
42	-0.13108E+01	0.53025E+00	-0.68771E+00	0.36513E+01	0.92769E+00	-0.38615E+01
43	-0.28296E+00	0.92194E+00	-0.24888E+00	0.34139E+01	0.46535E+00	-0.43156E+01
44	-0.79547E+00	0.47990E+00	-0.56810E+00	0.33320E+01	0.84060E+00	-0.38508E+01
45	-0.12119E+01	0.25810E+00	-0.70616E+00	0.34999E+01	0.74413E+00	-0.38235E+01
46	-0.59731E+00	0.74097E+00	-0.22405E+00	0.33810E+01	0.54564E+00	-0.35624E+01
47	0.63945E+00	0.13773E+01	0.11995E+00	0.36451E+01	0.74278E-01	-0.45153E+01
48	0.38854E+00	0.12914E+01	-0.35199E-01	0.38434E+01	0.25862E+00	-0.45499E+01
49	-0.15645E+00	0.11894E+01	-0.20134E+00	0.37330E+01	0.67831E+00	-0.47240E+01
50	-0.32517E+01	-0.21251E+00	-0.18311E+01	0.31723E+01	0.19593E+01	-0.34576E+01
51	-0.75547E+00	-0.33495E+00	-0.12199E+01	0.15178E+00	0.27845E+00	-0.91115E+00
52	-0.22598E+01	-0.13444E+01	-0.20969E+01	-0.11168E+01	0.10498E+01	0.28305E+01
53	-0.11403E+01	0.87175E+00	-0.39847E+00	0.28331E+01	0.63625E+00	-0.31180E+01
54	-0.22933E+00	0.51201E-02	-0.15151E+00	0.40378E+01	0.12055E+00	-0.44269E+01

000684

6622

55	-0.43797E+00	0.22740E+00	-0.24773E+00	0.39244E+01	0.32788E+00	-0.41443E+01
56	-0.13180E+01	0.26601E+00	-0.59873E+00	0.34992E+01	0.36667E+00	-0.36965E+01
57	-0.10391E+01	0.31532E+00	-0.45451E+00	0.31485E+01	0.61168E+00	-0.33266E+01
58	-0.11613E+01	0.39655E+00	-0.44432E+00	0.26768E+01	0.70700E+00	-0.23754E+01
59	-0.57379E-01	-0.65501E-01	-0.77945E-01	0.39723E+01	0.10283E-01	-0.42591E+01
60	-0.66483E+00	-0.67885E+00	-0.57472E+00	0.38281E+01	0.23495E+00	-0.38828E+01
61	-0.51359E+00	-0.54327E+00	-0.40703E+00	0.33054E+01	0.17915E+00	-0.38784E+01
62	-0.51110E+00	-0.92360E+00	-0.59914E+00	0.37837E+01	-0.59764E-02	-0.35726E+01
63	-0.63689E+00	-0.20867E+00	-0.38468E+00	0.37148E+01	0.34987E+00	-0.38115E+01
64	-0.85192E+00	-0.75455E+00	-0.59957E+00	0.34829E+01	0.30285E+00	-0.33950E+01
65	-0.12643E+01	0.70854E-01	-0.47374E+00	0.33981E+01	0.92863E+00	-0.35362E+01
66	-0.16512E+01	-0.34865E+00	-0.54758E+00	0.31251E+01	0.10400E+01	-0.30642E+01
67	-0.13068E+01	-0.85617E+00	-0.48443E+00	0.27624E+01	0.84010E+00	-0.26444E+01
68	-0.12751E+01	0.34623E-01	-0.52837E+00	0.29682E+01	0.71123E+00	-0.30856E+01
69	-0.11851E+01	-0.24637E+00	-0.51697E+00	0.28374E+01	0.60654E+00	-0.28733E+01
70	-0.18481E+01	-0.67322E+00	-0.85107E+00	0.25132E+01	0.80525E+00	-0.22702E+01
71	-0.14502E+01	-0.97443E-02	-0.55432E+00	0.25407E+01	0.76812E+00	-0.25592E+01
72	-0.16955E+01	-0.29127E+00	-0.60932E+00	0.23607E+01	0.84091E+00	-0.22086E+01
73	-0.43013E+00	-0.51481E+00	-0.30127E+00	0.35438E+01	0.10530E+00	-0.26899E+01
74	-0.64916E+00	-0.50790E+00	-0.24161E+00	0.31570E+01	0.30735E+00	-0.23718E+01
75	-0.11575E+01	-0.48318E+00	0.78300E-01	0.25997E+01	0.87213E+00	-0.18943E+01
76	-0.15569E+01	-0.41398E+00	-0.49412E+00	0.27262E+01	0.77587E+00	-0.22656E+01
77	-0.11498E+01	-0.69766E+00	-0.33131E+00	0.19490E+01	0.54505E+00	-0.13220E+01
78	-0.12846E+01	-0.60461E+00	-0.22697E+00	0.15744E+01	0.59191E+00	-0.87914E+00
79	-0.19356E+01	-0.50450E+00	-0.59034E+00	0.19559E+01	0.87132E+00	-0.14437E+01
80	-0.22994E+01	-0.72111E+00	-0.69545E+00	0.14066E+01	0.76098E+00	-0.80809E+00
81	-0.10817E+01	-0.30731E+00	-0.17039E-01	0.80666E+00	0.58839E+00	-0.42813E+00
82	-0.14220E+01	-0.66627E+00	-0.24371E+00	0.68318E+00	0.60506E+00	-0.33754E+00
83	-0.20316E+01	-0.34743E+00	-0.39975E+00	0.11855E+01	0.74701E+00	-0.63349E+00
84	-0.23977E+01	-0.58160E+00	-0.69378E+00	0.13245E+01	0.97890E+00	-0.72160E+00
85	-0.26629E+01	-0.32297E+00	-0.79046E+00	0.18165E+01	0.11675E+01	-0.13426E+01
86	-0.26899E+01	-0.40670E+00	-0.77410E+00	0.14332E+01	0.11459E+01	-0.87508E+00
87	-0.17908E+01	-0.30791E+00	-0.58896E+00	0.18343E+01	0.86327E+00	-0.16200E+01
88	-0.17454E+01	-0.99259E-02	-0.57859E+00	0.19535E+01	0.91458E+00	-0.19267E+01
89	-0.18858E+01	-0.49608E-01	-0.62010E+00	0.16567E+01	0.98247E+00	-0.16530E+01
90	-0.21699E+01	-0.13366E+00	-0.61144E+00	0.11891E+01	0.10664E+01	-0.91155E+00
91	-0.22814E+01	-0.35615E+00	-0.80030E+00	0.10980E+01	0.11128E+01	-0.10934E+01
92	-0.22881E+01	-0.41381E+00	-0.75951E+00	0.80181E+00	0.10890E+01	-0.65488E+00
93	-0.13558E+01	0.11649E+01	-0.36352E+00	0.20313E+01	0.95641E+00	-0.25386E+01
94	-0.14978E+01	0.26261E+00	-0.70467E+00	0.20354E+01	0.82070E+00	-0.24891E+01
95	-0.93486E+00	-0.27722E+00	-0.73372E+00	0.14808E+01	0.69649E+00	-0.18299E+01
96	-0.13058E+01	0.20910E+00	-0.53143E+00	0.20834E+01	0.73889E+00	-0.21869E+01
97	-0.85009E+00	-0.10600E+00	-0.56801E+00	0.16487E+01	0.68101E+00	-0.15503E+01
98	-0.10709E+01	-0.39192E-01	-0.49565E+00	0.14628E+01	0.60580E+00	-0.15693E+01
99	-0.11871E+01	0.34491E+00	-0.33255E+00	0.16701E+01	0.66725E+00	-0.17082E+01
100	-0.89378E+00	0.22185E+00	-0.25742E+00	0.12122E+01	0.57484E+00	-0.11421E+01
101	-0.11116E+01	-0.94342E-01	-0.42921E+00	0.90752E+00	0.55143E+00	-0.83656E+00
102	-0.78955E+00	0.24307E+00	-0.17510E-01	0.91946E+00	0.52441E+00	-0.75325E+00
103	-0.52746E+00	-0.12174E+00	-0.97383E-01	0.31689E+00	0.40383E+00	-0.37451E+00
104	-0.57640E+00	-0.22498E+00	-0.11651E+00	0.65878E-01	0.38892E+00	-0.18551E+00
105	-0.16998E+01	0.37223E+00	-0.89750E+00	0.18127E+01	0.12648E+01	-0.24130E+01
106	-0.28310E+01	-0.15679E+01	-0.23980E+01	0.66392E-01	0.14323E+01	-0.10999E+01
107	-0.20869E+01	-0.87438E+00	-0.17653E+01	0.93213E+00	0.13528E+01	-0.17474E+01
108	-0.17094E+01	-0.76256E+00	-0.15567E+01	0.96917E+00	0.12648E+01	-0.17501E+01
109	-0.16295E+01	-0.79856E+00	-0.16102E+01	0.34836E+00	0.12455E+01	-0.11047E+01
110	-0.16604E+00	0.47274E+00	-0.43628E+00	0.14048E+01	0.11002E+01	-0.17808E+01
111	0.18272E+00	0.25205E+00	-0.47276E+00	0.10071E+01	0.95248E+00	-0.95061E+00
112	0.21244E+00	0.27428E+00	-0.42069E+00	0.15841E+01	0.94100E+00	-0.94077E+00
113	0.69503E+00	0.73504E+00	0.12702E+00	0.17355E+01	0.72290E+00	-0.18654E+01
114	0.67922E+00	0.55635E+00	-0.63983E-01	0.14342E+01	0.60664E+00	-0.92010E+00

661

115	0.74938E+00	0.59150E+00	0.73106E-01	0.24922E+01	0.57066E+00	-0.89127E+00
116	0.39512E+00	0.67076E+00	0.12870E+00	0.19269E+01	0.33497E+00	-0.15891E+01
117	-0.14468E+00	0.51239E-01	-0.31054E+00	0.21134E+01	0.13372E+00	-0.83530E+00
118	-0.67100E-01	0.83149E-01	-0.14849E+00	0.18209E+01	0.91488E-01	-0.77038E+00
119	-0.24240E-02	0.53189E+00	0.11182E+00	0.15366E+01	-0.32459E-01	-0.11817E+01
120	-0.34729E+00	-0.82399E-01	-0.18425E+00	0.15410E+01	-0.19046E+00	-0.68835E+00
121	-0.29775E+00	-0.65255E-01	-0.77544E-01	0.13021E+01	-0.21905E+00	-0.60284E+00
122	0.17578E+00	0.76510E+00	0.43205E+00	0.12519E+01	-0.28776E+00	-0.89172E+00
123	0.39897E-02	0.11835E+00	0.22046E+00	0.10509E+01	-0.42895E+00	-0.50192E+00
124	0.26108E-01	0.11752E+00	0.27629E+00	0.80101E+00	-0.44580E+00	-0.40204E+00
125	-0.90051E-01	0.17025E+00	0.19518E+00	0.66318E+00	-0.42911E+00	-0.41201E+00
126	0.87500E-01	0.14790E+00	0.37203E+00	0.51248E+00	-0.50538E+00	-0.27479E+00
127	0.86847E-01	0.13654E+00	0.38175E+00	0.26317E+00	-0.51057E+00	-0.20121E+00
128	0.41961E+00	0.41066E+00	0.60048E+00	0.35396E+00	-0.51809E+00	-0.18454E+00
129	0.86655E+00	0.61561E+00	0.92817E+00	0.18920E+00	-0.58712E+00	-0.75513E-01
163	-0.19651E+01	0.70317E+00	-0.86599E+00	0.29958E+01	0.13393E+01	-0.34445E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.3700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.46019E+00	-0.30679E+01	0.26077E+01	0.53606E+02	-0.25465E+02	-0.25137E+02
131	-0.87667E-01	-0.58445E+00	0.49676E+00	0.11758E+03	-0.43961E+02	-0.78252E+02
132	-0.20319E+00	-0.13546E+01	0.11514E+01	0.19771E+03	-0.70459E+02	-0.13328E+03
133	-0.11276E+00	-0.75173E+00	0.63897E+00	0.28795E+03	-0.97217E+02	-0.19393E+03
134	-0.22029E+00	-0.14655E+01	0.12483E+01	0.39002E+03	-0.12482E+03	-0.26458E+03
135	-0.37426E+00	-0.24951E+01	0.21208E+01	0.46889E+03	-0.14599E+03	-0.32661E+03
136	-0.19343E+00	-0.12395E+01	0.10961E+01	0.53085E+03	-0.15555E+03	-0.36826E+03
137	-0.18300E+00	-0.12200E+01	0.10370E+01	0.51883E+03	-0.17199E+03	-0.38745E+03
138	-0.52331E+00	-0.34838E+01	0.23738E+01	0.53284E+03	-0.31123E+03	-0.41662E+03
139	0.59893E+00	0.39929E+01	-0.55475E+01	0.51357E+03	-0.58984E+03	-0.44174E+03
140	0.26339E+01	0.17559E+02	-0.14925E+02	0.65776E+03	-0.71408E+03	-0.49909E+03
141	0.25109E+01	0.16739E+02	-0.14228E+02	0.65526E+03	-0.72424E+03	-0.53188E+03
142	0.23889E+01	0.19260E+02	-0.16371E+02	0.68637E+03	-0.72666E+03	-0.56256E+03
143	0.29651E+01	0.19767E+02	-0.16802E+02	-0.25436E+03	-0.86703E+03	0.36797E+03
144	0.33706E+01	0.22470E+02	-0.19100E+02	-0.25062E+03	-0.85582E+03	0.33767E+03
145	-0.15894E+01	-0.10575E+02	0.31995E+01	0.25710E+03	-0.62751E+03	0.96238E+03
146	-0.64863E+00	-0.43242E+01	0.37956E+01	0.26541E+03	-0.46069E+03	0.86605E+03
147	-0.65952E+00	-0.43968E+01	0.37060E+01	0.24963E+03	-0.47146E+03	0.85049E+03
148	-0.67179E+00	-0.44786E+01	-0.16235E+01	0.24468E+03	-0.48167E+03	0.85360E+03
149	-0.68583E+00	-0.45722E+01	-0.15375E+01	0.24373E+03	-0.49265E+03	0.87246E+03
150	-0.77764E+00	-0.51843E+01	-0.97152E+00	0.18897E+03	-0.53103E+03	0.84620E+03
151	-0.92835E+00	-0.61890E+01	-0.19594E+02	0.18254E+03	-0.59663E+03	0.86817E+03
152	-0.87333E+00	-0.58222E+01	-0.34801E+02	0.18028E+03	-0.55998E+03	0.86053E+03
153	-0.79146E+00	-0.52764E+01	-0.50876E+02	0.15597E+03	-0.50861E+03	0.84039E+03
154	-0.61433E+00	-0.40955E+01	-0.58837E+02	0.13520E+03	-0.39266E+03	0.81606E+03
155	-0.36215E+00	-0.24143E+01	-0.48433E+02	0.13906E+03	-0.22257E+03	0.76258E+03
156	-0.15421E+00	-0.10281E+01	-0.41411E+02	0.11216E+03	-0.86831E+02	0.70583E+03
157	0.17319E-01	0.11546E+00	-0.33287E+02	0.10024E+03	0.26677E+02	0.62762E+03
158	0.15806E+00	0.10537E+01	-0.27792E+02	0.80460E+02	0.11831E+03	0.55130E+03
159	0.26984E+00	0.17939E+01	-0.19981E+02	0.49434E+02	0.18879E+03	0.45563E+03
160	0.35282E+00	0.23521E+01	-0.14313E+02	0.34020E+02	0.24226E+03	0.36584E+03
161	0.45249E+00	0.30166E+01	-0.79360E+01	0.15650E+02	0.28719E+03	0.25829E+03
162	0.48951E+00	0.32634E+01	-0.14689E+01	0.63698E+01	0.29014E+03	0.18128E+03
163	0.58106E+00	0.38737E+01	-0.72570E+00	-0.14309E+02	0.34113E+03	0.12738E+03
164	0.60439E+00	0.40293E+01	0.39026E+00	-0.34064E+02	0.35195E+03	0.78771E+02

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165	0.35082E+03	0.58120E+02	-0.40690E+01	0.16934E+02	0.36745E+03	0.55800E+02
166	0.28904E+03	0.44313E+02	0.40223E+00	0.12456E+02	0.34346E+03	0.51146E+02
167	0.23324E+03	0.32922E+02	0.28078E+01	0.98468E+01	0.29537E+03	0.47297E+02
168	0.18212E+03	0.24048E+02	0.38019E+01	0.72098E+01	0.24552E+03	0.44048E+02
169	0.12125E+03	0.13279E+02	0.52372E+01	0.47810E+01	0.21305E+03	0.40412E+02
170	0.60243E+02	0.18514E+01	0.74071E+01	0.20016E+01	0.19387E+03	0.36215E+02
171	-0.40463E+01	-0.94770E+01	0.88351E+01	-0.17792E+01	0.15721E+03	0.30234E+02
172	-0.43633E+02	-0.15110E+02	0.83377E+01	-0.57249E+01	0.10709E+03	0.23630E+02
173	-0.47555E+02	-0.12764E+02	0.53920E+01	-0.80218E+01	0.60701E+02	0.18859E+02
174	-0.31238E+02	-0.66720E+01	0.18767E+01	-0.86519E+01	0.25564E+02	0.15358E+02
175	-0.32377E+01	-0.79168E+00	-0.37973E+00	-0.70388E+01	0.13143E+02	0.13643E+02
176	0.99765E+00	0.90075E+00	-0.65320E+00	-0.52667E+01	0.15442E+02	0.12652E+02
177	0.24062E+01	0.74431E+00	-0.32188E+00	-0.37070E+01	0.17271E+02	0.10416E+02
178	0.83525E+00	0.13173E+00	0.12877E-01	-0.25507E+01	0.13168E+02	0.75432E+01
179	-0.23445E+00	-0.53478E-01	0.50895E-01	-0.20328E+01	0.94028E+01	0.53334E+01
180	0.13406E-01	-0.26124E-01	0.28461E-01	-0.14707E+01	0.55440E+01	0.32320E+01
181	-0.82531E-01	-0.87781E-01	0.67845E-01	-0.10595E+01	0.25427E+01	0.11435E+01
182	0.35024E+00	0.16266E+00	-0.95760E-01	-0.33044E+00	-0.56753E+00	-0.18894E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.8800E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.38209E-01	0.14061E-04	0.38945E-01	0.00000E+00
3	-0.72754E-01	-0.17911E-03	0.72662E-01	0.00000E+00
4	-0.81832E-01	-0.15891E-03	0.81257E-01	0.00000E+00
5	-0.94451E-01	0.47375E-04	0.94387E-01	0.00000E+00
6	-0.10346E+00	-0.13037E-04	0.10347E+00	0.00000E+00
7	-0.94548E-01	-0.10922E-02	0.94802E-01	0.00000E+00
8	-0.10378E+00	-0.10247E-02	0.10396E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.38035E-01	-0.53649E-03	0.38198E-01	0.00000E+00
11	-0.72146E-01	-0.13123E-02	0.72643E-01	0.00000E+00
12	-0.81356E-01	-0.16427E-02	0.81999E-01	0.00000E+00
13	-0.94794E-01	-0.17379E-02	0.95173E-01	0.00000E+00
14	-0.10446E+00	-0.16979E-02	0.10531E+00	0.00000E+00
15	-0.95483E-01	-0.28530E-02	0.97466E-01	0.00000E+00
16	-0.10559E+00	-0.26419E-02	0.10758E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.37170E-01	-0.97756E-03	0.38866E-01	0.00000E+00
19	-0.71681E-01	-0.25421E-02	0.74501E-01	0.00000E+00
20	-0.81572E-01	-0.32282E-02	0.84556E-01	0.00000E+00
21	-0.96205E-01	-0.34525E-02	0.99540E-01	0.00000E+00
22	-0.10723E+00	-0.33524E-02	0.11085E+00	0.00000E+00
23	-0.97234E-01	-0.46515E-02	0.10255E+00	0.00000E+00
24	-0.10942E+00	-0.43102E-02	0.11525E+00	0.00000E+00
25	-0.11073E+00	-0.52579E-02	0.11793E+00	0.00000E+00
26	-0.11151E+00	-0.55127E-02	0.11951E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.35929E-01	-0.90827E-03	0.39142E-01	0.00000E+00
29	-0.70375E-01	-0.28354E-02	0.75916E-01	0.00000E+00
30	-0.81113E-01	-0.39705E-02	0.87092E-01	0.00000E+00
31	-0.97598E-01	-0.51997E-02	0.10519E+00	0.00000E+00
32	-0.11229E+00	-0.56836E-02	0.12117E+00	0.00000E+00
33	-0.97558E-01	-0.53267E-02	0.10587E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.35541E-01	-0.68627E-03	0.39000E-01	0.00000E+00
36	-0.69804E-01	-0.23018E-02	0.75803E-01	0.00000E+00
37	-0.80614E-01	-0.33273E-02	0.86987E-01	0.00000E+00
38	-0.97492E-01	-0.47991E-02	0.10612E+00	0.00000E+00
39	-0.11332E+00	-0.59490E-02	0.12383E+00	0.00000E+00
40	-0.11311E+00	-0.59352E-02	0.12325E+00	0.00000E+00
41	-0.11290E+00	-0.59205E-02	0.12269E+00	0.00000E+00
42	-0.11268E+00	-0.58922E-02	0.12204E+00	0.00000E+00
43	-0.79615E-01	-0.19227E-02	0.85380E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.34302E-01	0.48983E-04	0.37405E-01	0.00000E+00
46	-0.67774E-01	-0.64903E-03	0.72573E-01	0.00000E+00
47	-0.11338E+00	-0.59487E-02	0.12402E+00	0.00000E+00
48	-0.11339E+00	-0.59496E-02	0.12402E+00	0.00000E+00
49	-0.97425E-01	-0.46118E-02	0.10605E+00	0.00000E+00
50	-0.11346E+00	-0.60052E-02	0.12436E+00	0.00000E+00
51	-0.96095E-01	-0.31817E-02	0.10272E+00	0.00000E+00
52	-0.11094E+00	-0.52836E-02	0.11806E+00	0.00000E+00
53	-0.11335E+00	-0.59221E-02	0.12406E+00	0.00000E+00
54	-0.78095E-01	-0.13780E-02	0.83013E-01	0.00000E+00
55	-0.94036E-01	-0.27295E-02	0.99347E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.33091E-01	0.50456E-03	0.34982E-01	0.00000E+00
58	-0.65168E-01	0.37691E-03	0.68099E-01	0.00000E+00
59	-0.10729E+00	-0.45207E-02	0.11283E+00	0.00000E+00
60	-0.10988E+00	-0.54763E-02	0.11630E+00	0.00000E+00
61	-0.11348E+00	-0.60411E-02	0.12458E+00	0.00000E+00
62	-0.75028E-01	0.14896E-03	0.77940E-01	0.00000E+00
63	-0.89514E-01	-0.82127E-03	0.92475E-01	0.00000E+00
64	-0.11166E+00	-0.59885E-02	0.11904E+00	0.00000E+00
65	-0.11550E+00	-0.60756E-02	0.12479E+00	0.00000E+00
66	-0.11367E+00	-0.61439E-02	0.12522E+00	0.00000E+00
67	-0.11383E+00	-0.62125E-02	0.12566E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.32192E-01	0.10265E-02	0.52184E-01	0.00000E+00
70	-0.62352E-01	0.16370E-02	0.62427E-01	0.00000E+00
71	-0.10266E+00	-0.20007E-02	0.10556E+00	0.00000E+00
72	-0.11194E+00	-0.60396E-02	0.11858E+00	0.00000E+00
73	-0.85159E-01	0.97496E-03	0.84389E-01	0.00000E+00
74	-0.11555E+00	-0.65482E-02	0.12240E+00	0.00000E+00
75	-0.11397E+00	-0.62678E-02	0.12606E+00	0.00000E+00
76	-0.11486E+00	-0.63694E-02	0.12679E+00	0.00000E+00
77	-0.97059E-01	-0.17043E-03	0.95536E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.31530E-01	0.15369E-02	0.29913E-01	0.00000E+00
80	-0.59804E-01	0.25341E-02	0.56617E-01	0.00000E+00
81	-0.67810E-01	0.29149E-02	0.64151E-01	0.00000E+00
82	-0.80007E-01	0.22962E-02	0.74983E-01	0.00000E+00
83	-0.11454E+00	-0.38079E-02	0.11730E+00	0.00000E+00
84	-0.10340E+00	-0.45818E-03	0.96814E-01	0.00000E+00
85	-0.11674E+00	-0.65032E-02	0.12774E+00	0.00000E+00
86	-0.11966E+00	-0.69763E-02	0.12663E+00	0.00000E+00
87	-0.91062E-01	0.14562E-02	0.84814E-01	0.00000E+00
88	-0.11804E+00	-0.54947E-02	0.12235E+00	0.00000E+00
89	-0.11843E+00	-0.66224E-02	0.12866E+00	0.00000E+00
90	-0.70411E-01	0.15527E-02	0.56997E-01	0.00000E+00
91	-0.76660E-01	0.68153E-03	0.61076E-01	0.00000E+00
92	-0.80742E-01	-0.17229E-03	0.63442E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.27396E-01	0.00000E+00	0.17594E-01	0.00000E+00
95	-0.50425E-01	0.00000E+00	0.32791E-01	0.00000E+00
96	-0.55966E-01	0.00000E+00	0.36434E-01	0.00000E+00
97	-0.62937E-01	0.00000E+00	0.40922E-01	0.00000E+00
98	-0.65921E-01	0.00000E+00	0.42571E-01	0.00000E+00
99	-0.70224E-01	0.52701E-03	0.51718E-01	0.00000E+00
100	-0.86382E-01	-0.46170E-03	0.70087E-01	0.00000E+00
101	-0.11369E+00	-0.31349E-02	0.10324E+00	0.00000E+00
102	-0.12290E+00	-0.67736E-02	0.12998E+00	0.00000E+00
103	-0.12142E+00	-0.50918E-02	0.12350E+00	0.00000E+00
104	-0.12647E+00	-0.74697E-02	0.13196E+00	0.00000E+00
105	-0.12661E+00	-0.69143E-02	0.13118E+00	0.00000E+00
106	-0.12630E+00	-0.63627E-02	0.12749E+00	0.00000E+00
107	-0.13170E+00	-0.81830E-02	0.13571E+00	0.00000E+00
108	-0.12981E+00	-0.70199E-02	0.13225E+00	0.00000E+00
109	-0.13239E+00	-0.71082E-02	0.13316E+00	0.00000E+00
110	-0.13289E+00	-0.84704E-02	0.13145E+00	0.00000E+00
111	-0.13565E+00	-0.90043E-02	0.13533E+00	0.00000E+00
112	-0.13456E+00	-0.71725E-02	0.13390E+00	0.00000E+00
113	-0.13488E+00	-0.86478E-02	0.13392E+00	0.00000E+00
114	-0.13612E+00	-0.72079E-02	0.13444E+00	0.00000E+00
115	-0.13725E+00	-0.72269E-02	0.13480E+00	0.00000E+00
116	-0.13779E+00	-0.72311E-02	0.13491E+00	0.00000E+00

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117	-0.13729E+00	-0.93544E-02	0.13907E+00	0.00000E+00
118	-0.13782E+00	-0.72302E-02	0.13490E+00	0.00000E+00
119	-0.13781E+00	-0.72098E-02	0.13477E+00	0.00000E+00
120	-0.13809E+00	-0.97866E-02	0.13910E+00	0.00000E+00
121	-0.13771E+00	-0.71755E-02	0.13452E+00	0.00000E+00
122	-0.13770E+00	-0.71449E-02	0.13457E+00	-0.74432E-05
123	-0.13768E+00	-0.70789E-02	0.13459E+00	-0.13571E-04
124	-0.13764E+00	-0.69717E-02	0.13462E+00	-0.21104E-04
125	-0.13757E+00	-0.68113E-02	0.13464E+00	-0.30983E-04
126	-0.13739E+00	-0.64167E-02	0.13468E+00	-0.45601E-04
127	-0.13716E+00	-0.59140E-02	0.13472E+00	-0.52984E-04
128	-0.13663E+00	-0.47179E-02	0.13479E+00	-0.52194E-04
129	-0.13620E+00	-0.36685E-02	0.13485E+00	-0.41848E-04
130	-0.13587E+00	-0.27768E-02	0.13493E+00	-0.26793E-04
131	-0.13567E+00	-0.21409E-02	0.13505E+00	-0.39805E-05
132	-0.13572E+00	-0.22050E-02	0.13517E+00	0.53175E-05
133	-0.13580E+00	-0.24128E-02	0.13529E+00	0.27968E-05
134	-0.13579E+00	-0.22832E-02	0.13540E+00	-0.68794E-05
135	-0.13572E+00	-0.17314E-02	0.13550E+00	-0.13368E-04
136	-0.13567E+00	-0.11420E-02	0.13556E+00	-0.11232E-04
137	-0.13564E+00	-0.62135E-03	0.13561E+00	-0.11140E-04
138	-0.13562E+00	-0.36926E-04	0.13562E+00	-0.10225E-04
139	-0.13562E+00	-0.11199E-04	0.13562E+00	-0.11159E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8800E+01

667

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.49272E-01	-0.27859E-01	0.10456E+00	-0.46804E+01	-0.62813E-01	0.47342E+01
2	0.14131E+00	-0.36914E-01	0.18114E+00	-0.42599E+01	-0.79062E-01	0.42424E+01
3	0.25885E+00	-0.20308E-01	0.16548E+00	-0.35531E+01	0.19058E-01	0.35427E+01
4	-0.20441E+00	-0.79902E-01	-0.30821E+00	-0.29397E+01	0.14444E+00	0.30622E+01
5	0.16936E+00	0.49419E-03	0.12215E+00	-0.29405E+01	0.47643E-01	0.30286E+01
6	-0.11895E+00	-0.71218E-01	0.85281E-01	-0.30281E+01	0.67089E-01	0.30852E+01
7	-0.78144E-01	0.20179E-02	0.65824E-01	-0.22392E+01	0.48826E-01	0.22302E+01
8	-0.21428E+00	-0.22590E-01	0.73470E-01	-0.22363E+01	0.12399E+00	0.22944E+01
9	-0.77170E-01	-0.32832E+00	-0.95944E-01	-0.46127E+01	0.18771E-02	0.47287E+01
10	-0.40467E-02	-0.39170E+00	0.26166E-01	-0.42573E+01	0.30629E-01	0.43510E+01
11	0.52183E-01	-0.35826E+00	0.36782E+00	-0.37170E+01	0.16049E+00	0.37811E+01
12	-0.48550E+00	-0.27809E+00	-0.65347E-01	-0.31138E+01	0.27047E+00	0.30846E+01
13	-0.32953E-01	-0.17710E+00	0.23109E+00	-0.31805E+01	0.11831E+00	0.32292E+01
14	-0.43143E+00	-0.26796E+00	0.10179E+00	-0.32777E+01	0.23814E+00	0.34029E+01
15	-0.47288E+00	-0.86537E-01	0.55636E-01	-0.24022E+01	0.28311E+00	0.23955E+01
16	-0.57148E+00	-0.74940E-01	0.13605E+00	-0.24859E+01	0.34107E+00	0.25595E+01
17	-0.30783E-01	-0.35480E+00	-0.49509E-01	-0.44645E+01	-0.26999E-01	0.47816E+01
18	0.12662E+00	-0.49207E+00	0.13687E+00	-0.42225E+01	-0.37355E-01	0.44803E+01
19	0.36051E+00	-0.57323E+00	0.62240E+00	-0.38600E+01	0.33808E-01	0.40841E+01
20	-0.66300E+00	-0.38857E+00	0.31834E-01	-0.33869E+01	0.38195E+00	0.34038E+01
21	0.15136E-01	-0.52475E+00	0.27652E+00	-0.35085E+01	0.54258E-01	0.37700E+01
22	-0.64892E+00	-0.10537E+01	-0.12114E+00	-0.36680E+01	0.26426E+00	0.40680E+01
23	-0.82348E+00	-0.14209E+00	0.12196E+00	-0.27960E+01	0.48747E+00	0.28482E+01
24	-0.16704E+01	-0.57376E+00	-0.29959E+00	-0.30744E+01	0.75449E+00	0.30114E+01
25	-0.80467E+00	-0.51591E+00	0.10916E+00	-0.31617E+01	0.45372E+00	0.33947E+01
26	-0.26247E+01	-0.17807E+01	-0.10677E+01	-0.34089E+01	0.89067E+00	0.37475E+01
27	0.48814E-01	-0.23873E+00	0.36466E-01	-0.43411E+01	-0.57119E-01	0.47850E+01
28	0.26051E+00	-0.40186E+00	0.25033E+00	-0.41086E+01	-0.14014E+00	0.45368E+01
29	0.73383E+00	-0.57075E+00	0.79654E+00	-0.36690E+01	-0.33993E+00	0.42490E+01
30	-0.79000E-01	-0.65434E+00	0.30739E+00	-0.36405E+01	0.15153E+00	0.40638E+01
31	0.16404E+00	-0.85146E+00	0.27321E+00	-0.34378E+01	-0.22560E+00	0.41997E+01
32	-0.18386E+00	-0.90054E+00	0.16473E+00	-0.33451E+01	-0.62964E-01	0.42696E+01
33	-0.19727E+01	-0.14315E+01	-0.66019E+00	-0.35873E+01	0.61741E+00	0.39213E+01
34	-0.46991E+01	-0.32598E+01	-0.24498E+01	-0.37489E+01	0.11236E+01	0.42138E+01
35	-0.99410E+00	-0.78592E+00	0.29992E-01	-0.37117E+01	0.39191E+00	0.42115E+01
36	0.39744E+00	-0.10145E+00	0.81888E+00	-0.34410E+01	-0.99390E-01	0.43017E+01
37	-0.15191E+01	-0.15805E+01	-0.49418E+00	-0.38273E+01	0.41880E+00	0.44139E+01
38	0.23403E+00	0.69286E-01	0.21180E+00	-0.42424E+01	-0.88220E-01	0.46723E+01
39	0.46362E+00	-0.48228E-01	0.40551E+00	-0.40557E+01	-0.25454E+00	0.44159E+01
40	0.80994E+00	-0.50191E+00	0.77563E+00	-0.35701E+01	-0.71309E+00	0.42103E+01
41	0.10758E+01	0.17887E+00	0.94186E+00	-0.37380E+01	-0.67008E+00	0.41678E+01
42	0.13688E+01	-0.17723E-01	0.68858E+00	-0.36318E+01	-0.84933E+00	0.38754E+01
43	0.51355E+00	-0.37765E+00	0.58780E+00	-0.34004E+01	-0.42163E+00	0.42692E+01
44	0.10414E+01	0.12057E-01	0.89820E+00	-0.33106E+01	-0.77462E+00	0.38360E+01
45	0.14788E+01	0.25155E+00	0.10595E+01	-0.34957E+01	-0.69005E+00	0.38153E+01
46	0.79280E+00	-0.29625E+00	0.51630E+00	-0.33638E+01	-0.50550E+00	0.35818E+01
47	-0.34214E+00	-0.85975E+00	0.24303E+00	-0.36263E+01	-0.47602E-01	0.44450E+01
48	0.11545E-02	-0.71656E+00	0.46039E+00	-0.38381E+01	-0.24652E+00	0.44757E+01
49	0.43887E+00	-0.69017E+00	0.55539E+00	-0.37146E+01	-0.63123E+00	0.46401E+01
50	0.35424E+01	0.67264E+00	0.22371E+01	-0.31498E+01	-0.18423E+01	0.34449E+01
51	0.89074E+00	0.57575E+00	0.13920E+01	-0.14841E+00	-0.26755E+00	0.90146E+00
52	0.23461E+01	0.14692E+01	0.22329E+01	0.10984E+01	-0.98305E+00	-0.25701E+01
53	0.13727E+01	-0.47021E+00	0.72175E+01	-0.28683E+01	-0.79142E+00	0.31339E+01
54	0.55216E+00	0.56766E+00	0.50194E+00	-0.40907E+01	-0.10813E+00	0.44203E+01

000671

55	0.76110E+00	0.34367E+00	0.57952E+00	-0.39405E+01	-0.30202E+00	0.41708E+01
56	0.13731E+01	-0.19027E+00	0.78154E+00	-0.35126E+01	-0.82023E+00	0.37298E+01
57	0.12611E+01	0.10032E+00	0.75035E+00	-0.31475E+01	-0.59108E+00	0.33659E+01
58	0.13960E+01	-0.40307E-01	0.75594E+00	-0.26676E+01	-0.68940E+00	0.29245E+01
59	0.42635E+00	0.62300E+00	0.44295E+00	-0.40444E+01	-0.82840E-02	0.42720E+01
60	0.92846E+00	0.10476E+01	0.81221E+00	-0.39123E+01	-0.21293E+00	0.39261E+01
61	0.76866E+00	0.92259E+00	0.65959E+00	-0.38971E+01	-0.16054E+00	0.39241E+01
62	0.72851E+00	0.11042E+01	0.71707E+00	-0.38537E+01	0.57200E-02	0.36506E+01
63	0.92453E+00	0.67444E+00	0.68327E+00	-0.37490E+01	-0.32616E+00	0.38598E+01
64	0.10474E+01	0.10086E+01	0.78632E+00	-0.35193E+01	-0.28344E+00	0.34618E+01
65	0.13983E+01	0.40490E+00	0.67578E+00	-0.34304E+01	-0.88382E+00	0.35895E+01
66	0.17869E+01	0.65126E+00	0.71778E+00	-0.31219E+01	-0.10060E+01	0.31235E+01
67	0.14453E+01	0.97737E+00	0.60228E+00	-0.28040E+01	-0.80424E+00	0.27124E+01
68	0.15333E+01	0.35794E+00	0.83307E+00	-0.29830E+01	-0.71253E+00	0.31475E+01
69	0.13691E+01	0.50224E+00	0.73124E+00	-0.28571E+01	-0.59136E+00	0.29113E+01
70	0.19876E+01	0.82657E+00	0.10172E+01	-0.25282E+01	-0.79204E+00	0.23210E+01
71	0.16379E+01	0.27127E+00	0.80321E+00	-0.25563E+01	-0.79100E+00	0.26130E+01
72	0.18665E+01	0.47003E+00	0.81423E+00	-0.23590E+01	-0.83701E+00	0.22385E+01
73	0.51251E+00	0.62456E+00	0.39143E+00	-0.36152E+01	-0.90279E-01	0.29001E+01
74	0.73126E+00	0.60539E+00	0.35567E+00	-0.31725E+01	-0.26740E+00	0.25526E+01
75	0.12048E+01	0.56626E+00	0.77547E-01	-0.25834E+01	-0.77042E+00	0.20275E+01
76	0.16362E+01	0.53636E+00	0.64313E+00	-0.26749E+01	-0.69870E+00	0.23222E+01
77	0.11649E+01	0.69284E+00	0.42286E+00	-0.19098E+01	-0.48617E+00	0.14388E+01
78	0.13430E+01	0.69521E+00	0.39507E+00	-0.15777E+01	-0.54652E+00	0.96818E+00
79	0.19551E+01	0.54442E+00	0.70357E+00	-0.19074E+01	-0.79820E+00	0.14912E+01
80	0.22461E+01	0.67686E+00	0.76722E+00	-0.13682E+01	-0.72295E+00	0.87544E+00
81	0.10746E+01	0.29727E+00	0.12209E+00	-0.78464E+00	-0.54421E+00	0.48029E+00
82	0.14254E+01	0.72437E+00	0.38556E+00	-0.68947E+00	-0.57564E+00	0.35589E+00
83	0.20054E+01	0.33929E+00	0.50302E+00	-0.11484E+01	-0.71120E+00	0.65395E+00
84	0.23650E+01	0.56220E+00	0.78173E+00	-0.12926E+01	-0.91064E+00	0.74705E+00
85	0.27053E+01	0.43666E+00	0.94908E+00	-0.17762E+01	-0.10965E+01	0.13767E+01
86	0.26483E+01	0.33738E+00	0.85702E+00	-0.13939E+01	-0.10788E+01	0.88619E+00
87	0.13385E+01	0.28095E+00	0.67698E+00	-0.18235E+01	-0.86820E+00	0.15855E+01
88	0.19188E+01	0.19451E+00	0.82014E+00	-0.19648E+01	-0.97403E+00	0.19798E+01
89	0.20727E+01	0.21102E+00	0.88909E+00	-0.16883E+01	-0.10636E+01	0.17251E+01
90	0.23213E+01	0.24854E+00	0.83740E+00	-0.12212E+01	-0.11603E+01	0.91017E+00
91	0.24391E+01	0.43106E+00	0.10478E+01	-0.11521E+01	-0.12329E+01	0.11522E+01
92	0.24221E+01	0.44055E+00	0.99569E+00	-0.86575E+00	-0.12154E+01	0.71149E+00
93	0.16182E+01	-0.77575E+00	0.71407E+00	-0.20191E+01	-0.91832E+00	0.25866E+01
94	0.17116E+01	0.35851E-01	0.10082E+01	-0.20798E+01	-0.80026E+00	0.25172E+01
95	0.12283E+01	0.54558E+00	0.10685E+01	-0.14924E+01	-0.67982E+00	0.18518E+01
96	0.15498E+01	0.85259E-01	0.87012E+00	-0.20730E+01	-0.72838E+00	0.22490E+01
97	0.10800E+01	0.34235E+00	0.90098E+00	-0.16662E+01	-0.67020E+00	0.15843E+01
98	0.13097E+01	0.23357E+00	0.82862E+00	-0.14638E+01	-0.60562E+00	0.16038E+01
99	0.13798E+01	-0.16896E+00	0.63204E+00	-0.16581E+01	-0.66808E+00	0.17615E+01
100	0.11304E+01	-0.60994E-01	0.59790E+00	-0.12370E+01	-0.58354E+00	0.11765E+01
101	0.13483E+01	0.22710E+00	0.77747E+00	-0.95719E+00	-0.56802E+00	0.86507E+00
102	0.10352E+01	-0.15919E+00	0.36866E+00	-0.95122E+00	-0.55431E+00	0.80428E+00
103	0.78995E+00	0.20669E+00	0.46540E+00	-0.38470E+00	-0.42213E+00	0.38512E+00
104	0.80235E+00	0.24805E+00	0.45510E+00	-0.12944E+00	-0.41077E+00	0.19745E+00
105	0.19339E+01	-0.31630E-02	0.12131E+01	-0.17723E+01	-0.11772E+01	0.24552E+01
106	0.29877E+01	0.13035E+01	0.26113E+01	-0.70912E-01	-0.13396E+01	0.10996E+01
107	0.23091E+01	0.11967E+01	0.20467E+01	-0.92031E+00	-0.12611E+01	0.17677E+01
108	0.19354E+01	0.10777E+01	0.18425E+01	-0.95459E+00	-0.11729E+01	0.17702E+01
109	0.18141E+01	0.10503E+01	0.18524E+01	-0.34376E+00	-0.11516E+01	0.11040E+01
110	0.41568E+00	-0.15446E+00	0.74507E+00	-0.13739E+01	-0.10076E+01	0.18047E+01
111	0.40236E-01	0.59456E-02	0.74530E+00	-0.98684E+00	-0.65386E+00	0.94873E+00
112	0.90438E-02	-0.22514E-01	0.69577E+00	-0.15532E+01	-0.84469E+00	0.93766E+00
113	-0.44620E+00	-0.47965E+00	0.17997E+00	-0.16988E+01	-0.63354E+00	0.18758E+01
114	-0.43406E+00	-0.29610E+00	0.37182E+00	-0.14092E+01	-0.51228E+00	0.91531E+00

660

5622

000672

115	-0.50589E+00	-0.33802E+00	0.23416E+00	-0.24515E+01	-0.47937E+00	0.88506E+00
116	-0.15981E+00	-0.43593E+00	0.12507E+00	-0.18985E+01	-0.24760E+00	0.16112E+01
117	0.38834E+00	0.19713E+00	0.63789E+00	-0.20879E+01	-0.38324E-01	0.82720E+00 669
118	0.30836E+00	0.15520E+00	0.47987E+00	-0.18079E+01	0.69897E-03	0.76144E+00
119	0.19721E+00	-0.38623E+00	0.13934E+00	-0.15253E+01	0.11976E+00	0.11951E+01
120	0.61746E+00	0.33316E+00	0.55039E+00	-0.15445E+01	0.28495E+00	0.67795E+00
121	0.56521E+00	0.30693E+00	0.44599E+00	-0.13196E+01	0.31103E+00	0.59134E+00
122	0.20757E-01	-0.66437E+00	-0.12372E+00	-0.12637E+01	0.37427E+00	0.90055E+00
123	0.31460E+00	0.14976E+00	0.19383E+00	-0.10877E+01	0.52270E+00	0.49007E+00
124	0.28967E+00	0.14248E+00	0.13880E+00	-0.85465E+00	0.53775E+00	0.38925E+00
125	0.27445E+00	-0.14755E+00	0.95278E-01	-0.70959E+00	0.51181E+00	0.40352E+00
126	0.28239E+00	0.14100E+00	0.36000E-01	-0.58717E+00	0.59206E+00	0.26289E+00
127	0.27993E+00	0.14521E+00	0.75631E-01	-0.32561E+00	0.59601E+00	0.18743E+00
128	-0.13871E+00	-0.28912E+00	-0.22536E+00	-0.43004E+00	0.59656E+00	0.17658E+00
129	-0.41499E+00	-0.27317E+00	-0.39794E+00	-0.29873E+00	0.66347E+00	0.71920E-01
183	0.22235E+01	-0.26296E+00	0.12169E+01	-0.29650E+01	-0.12466E+01	0.34358E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.53297E+00	0.35532E+01	-0.30202E+01	-0.55021E+02	0.26827E+02	0.25396E+02
131	0.35753E-01	0.23836E+00	-0.20260E+00	-0.11884E+03	0.46340E+02	0.80253E+02
132	0.11493E+00	0.76623E+00	-0.65130E+00	-0.19779E+03	0.75312E+02	0.13632E+03
133	0.31368E-01	0.20912E+00	-0.17775E+00	-0.23602E+03	0.10496E+03	0.19766E+03
134	0.63200E-01	0.45467E+00	-0.38647E+00	-0.33492E+03	0.13584E+03	0.26876E+03
135	0.19294E+00	0.12863E+01	-0.10933E+01	-0.45809E+03	0.16007E+03	0.33063E+03
136	0.45784E-01	0.30523E+00	-0.25944E+00	-0.51948E+03	0.17096E+03	0.37197E+03
137	0.19601E-02	0.13067E-01	-0.11107E-01	-0.51402E+03	0.18706E+03	0.39104E+03
138	0.48553E+00	0.32369E+01	-0.21296E+01	-0.52614E+03	0.33423E+03	0.42027E+03
139	-0.13683E+00	-0.91218E+00	0.30086E+01	-0.50681E+03	0.62741E+03	0.44588E+03
140	-0.17039E+01	-0.11393E+02	0.96838E+01	-0.64334E+03	0.75999E+03	0.50317E+03
141	-0.16447E+01	-0.10965E+02	0.93199E+01	-0.63897E+03	0.77095E+03	0.53625E+03
142	-0.15466E+01	-0.12310E+02	0.10464E+02	-0.66726E+03	0.77408E+03	0.56670E+03
143	-0.19073E+01	-0.12715E+02	0.10808E+02	0.25011E+03	0.91104E+03	-0.35299E+03
144	-0.22883E+01	-0.15256E+02	0.12967E+02	0.24898E+03	0.90064E+03	-0.32218E+03
145	0.16767E+01	0.11178E+02	-0.47107E+01	-0.19135E+03	0.67373E+03	-0.95187E+03
146	0.68539E+00	0.45693E+01	-0.44047E+01	-0.20375E+03	0.49830E+03	-0.86201E+03
147	0.69754E+00	0.46505E+01	-0.43083E+01	-0.19070E+03	0.50964E+03	-0.84570E+03
148	0.71178E+00	0.47452E+01	0.89972E+00	-0.18661E+03	0.52123E+03	-0.84848E+03
149	0.72851E+00	0.48568E+01	0.81597E+00	-0.18572E+03	0.53428E+03	-0.86730E+03
150	0.82600E+00	0.55200E+01	0.21259E+00	-0.13540E+03	0.57529E+03	-0.83963E+03
151	0.99433E+00	0.66289E+01	0.18322E+02	-0.13052E+03	0.64878E+03	-0.86137E+03
152	0.94920E+00	0.63280E+01	0.33256E+02	-0.13228E+03	0.61818E+03	-0.85248E+03
153	0.87879E+00	0.58586E+01	0.29459E+02	-0.11441E+03	0.57354E+03	-0.83104E+03
154	0.71673E+00	0.47782E+01	0.57020E+02	-0.99462E+02	0.46685E+03	-0.80504E+03
155	0.48247E+00	0.32165E+01	0.47006E+02	-0.11156E+03	0.30757E+03	-0.74982E+03
156	0.29033E+00	0.19356E+01	0.40271E+02	-0.91093E+02	0.18149E+03	-0.69177E+03
157	0.13294E+00	0.88629E+00	0.32333E+02	-0.87591E+02	0.76223E+02	-0.61213E+03
158	0.45653E-02	0.30435E-01	0.27212E+02	-0.73288E+02	-0.79245E+01	-0.53489E+03
159	-0.96476E-01	-0.64313E+00	0.19535E+02	-0.50436E+02	-0.72422E+02	-0.43801E+03
160	-0.17059E+00	-0.11373E+01	0.14321E+02	-0.39454E+02	-0.12058E+03	-0.34754E+03
161	-0.24311E+00	-0.16207E+01	0.78952E+01	-0.28452E+02	-0.15730E+03	-0.23872E+03
162	-0.26944E+00	-0.17963E+01	0.10892E+01	-0.22197E+02	-0.16251E+03	-0.16110E+03
163	-0.31987E+00	-0.21326E+01	0.68625E+00	0.30033E+01	-0.18852E+03	-0.10838E+03
164	-0.33399E+00	-0.22265E+01	-0.37679E+00	0.14555E+02	-0.19513E+03	-0.63723E+02

165	-0.16112E+03	-0.28379E+02	0.32376E+01	-0.42974E+01	-0.20264E+03	-0.44413E+02
166	-0.13025E+03	-0.21414E+02	0.93861E+00	-0.23996E+01	-0.18965E+03	-0.41792E+02
167	-0.10403E+03	-0.15644E+02	-0.51576E+00	-0.13806E+01	-0.16350E+03	-0.39649E+02
168	-0.80528E+02	-0.11218E+02	-0.12503E+01	-0.35063E+00	-0.13649E+03	-0.37883E+02
169	-0.53351E+02	-0.62903E+01	-0.19797E+01	0.52255E+00	-0.11974E+03	-0.35956E+02
170	-0.26672E+02	-0.13073E+01	-0.29174E+01	0.15027E+01	-0.11151E+03	-0.33728E+02
171	0.18524E+01	0.36634E+01	-0.35042E+01	0.28281E+01	-0.95762E+02	-0.30457E+02
172	0.18135E+02	0.59336E+01	-0.32557E+01	0.41578E+01	-0.74326E+02	-0.26609E+02
173	0.19145E+02	0.49042E+01	-0.20438E+01	0.48325E+01	-0.52970E+02	-0.23450E+02
174	0.14316E+02	0.26001E+01	-0.50786E+00	0.48067E+01	-0.36100E+02	-0.20405E+02
175	0.37804E+01	-0.22829E-01	0.47925E+00	0.38039E+01	-0.26694E+02	-0.17948E+02
176	-0.82056E+00	-0.83843E+00	0.60154E+00	0.28062E+01	-0.25579E+02	-0.16046E+02
177	-0.22743E+01	-0.75704E+00	0.33845E+00	0.18279E+01	-0.25072E+02	-0.13020E+02
178	-0.10641E+01	-0.13672E+00	-0.42041E-01	0.11794E+01	-0.18649E+02	-0.94297E+01
179	0.37410E+00	0.14560E+00	-0.92210E-01	0.11213E+01	-0.13193E+02	-0.66225E+01
180	0.17186E-01	0.35111E-01	-0.34565E-01	0.95267E+00	-0.77290E+01	-0.39856E+01
181	0.10569E+00	0.13012E+00	-0.10318E+00	0.94855E+00	-0.35390E+01	-0.13645E+01
182	-0.41281E+00	-0.19173E+00	0.11288E+00	0.40210E+00	0.87900E+00	0.75105E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.3900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.72327E-02	0.22725E-04	-0.75404E-02	0.00000E+00
3	0.14491E-01	0.75614E-04	-0.14459E-01	0.00000E+00
4	0.16656E-01	0.50393E-04	-0.16409E-01	0.00000E+00
5	0.19728E-01	-0.23327E-04	-0.19701E-01	0.00000E+00
6	0.22194E-01	0.51324E-05	-0.22194E-01	0.00000E+00
7	0.19773E-01	0.12620E-03	-0.19919E-01	0.00000E+00
8	0.22290E-01	0.12970E-03	-0.22383E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.74619E-02	0.28969E-04	-0.76124E-02	0.00000E+00
11	0.14602E-01	0.11197E-03	-0.14921E-01	0.00000E+00
12	0.16710E-01	0.15357E-03	-0.17077E-01	0.00000E+00
13	0.19912E-01	0.17834E-03	-0.20315E-01	0.00000E+00
14	0.22472E-01	0.19054E-03	-0.22887E-01	0.00000E+00
15	0.20151E-01	0.29002E-03	-0.21116E-01	0.00000E+00
16	0.22763E-01	0.29438E-03	-0.23718E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.75220E-02	0.25158E-04	-0.83035E-02	0.00000E+00
19	0.14840E-01	0.17981E-03	-0.16227E-01	0.00000E+00
20	0.17064E-01	0.26397E-03	-0.18566E-01	0.00000E+00
21	0.20427E-01	0.33119E-03	-0.22090E-01	0.00000E+00
22	0.23185E-01	0.36346E-03	-0.24889E-01	0.00000E+00
23	0.20788E-01	0.41914E-03	-0.23461E-01	0.00000E+00
24	0.23733E-01	0.43140E-03	-0.26417E-01	0.00000E+00
25	0.24854E-01	0.52908E-03	-0.27320E-01	0.00000E+00
26	0.24242E-01	0.54155E-03	-0.27839E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.76976E-02	-0.79880E-04	-0.94235E-02	0.00000E+00
29	0.15159E-01	0.63317E-04	-0.18334E-01	0.00000E+00
30	0.17507E-01	0.20142E-03	-0.20981E-01	0.00000E+00
31	0.21103E-01	0.43114E-03	-0.24971E-01	0.00000E+00
32	0.24434E-01	0.52907E-03	-0.28381E-01	0.00000E+00
33	0.21182E-01	0.42063E-03	-0.25507E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.77883E-02	-0.12206E-03	-0.98400E-02	0.00000E+00
36	0.15278E-01	-0.69320E-04	-0.19098E-01	0.00000E+00
37	0.17621E-01	0.65515E-04	-0.21856E-01	0.00000E+00
38	0.21254E-01	0.31832E-03	-0.25975E-01	0.00000E+00
39	0.24694E-01	0.56875E-03	-0.29282E-01	0.00000E+00
40	0.24641E-01	0.56741E-03	-0.29080E-01	0.00000E+00
41	0.24588E-01	0.56593E-03	-0.28986E-01	0.00000E+00
42	0.24529E-01	0.56400E-03	-0.28663E-01	0.00000E+00
43	0.17869E-01	-0.83483E-04	-0.23557E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.81484E-02	-0.17054E-03	-0.11551E-01	0.00000E+00
46	0.15855E-01	-0.94075E-04	-0.22253E-01	0.00000E+00
47	0.24712E-01	0.56874E-03	-0.29378E-01	0.00000E+00
48	0.24711E-01	0.56880E-03	-0.29347E-01	0.00000E+00
49	0.21270E-01	0.29230E-03	-0.26112E-01	0.00000E+00
50	0.24725E-01	0.58043E-03	-0.29419E-01	0.00000E+00
51	0.21386E-01	0.16503E-03	-0.27720E-01	0.00000E+00
52	0.24497E-01	0.74095E-03	-0.31110E-01	0.00000E+00
53	0.24716E-01	0.56868E-03	-0.29492E-01	0.00000E+00
54	0.18056E-01	0.49001E-04	-0.25301E-01	0.00000E+00
55	0.21522E-01	0.39110E-03	-0.29830E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.84024E-02	-0.13524E-03	-0.13316E-01	0.00000E+00
58	0.16156E-01	0.19177E-03	-0.25332E-01	0.00000E+00
59	0.24300E-01	0.89093E-03	-0.33478E-01	0.00000E+00
60	0.24412E-01	0.73271E-03	-0.31721E-01	0.00000E+00
61	0.24729E-01	0.58864E-03	-0.29472E-01	0.00000E+00
62	0.18450E-01	0.41014E-03	-0.28957E-01	0.00000E+00
63	0.21750E-01	0.83760E-03	-0.34107E-01	0.00000E+00
64	0.24658E-01	0.77616E-03	-0.31420E-01	0.00000E+00
65	0.24733E-01	0.59634E-03	-0.29523E-01	0.00000E+00
66	0.24766E-01	0.61182E-03	-0.29626E-01	0.00000E+00
67	0.24798E-01	0.62819E-03	-0.29733E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.84610E-02	-0.31146E-04	-0.14272E-01	0.00000E+00
70	0.16302E-01	0.18098E-03	-0.27401E-01	0.00000E+00
71	0.24599E-01	0.14199E-02	-0.38513E-01	0.00000E+00
72	0.24624E-01	0.86079E-03	-0.32318E-01	0.00000E+00
73	0.21921E-01	0.96201E-03	-0.36801E-01	0.00000E+00
74	0.25538E-01	0.10135E-02	-0.33394E-01	0.00000E+00
75	0.24326E-01	0.64173E-03	-0.29830E-01	0.00000E+00
76	0.25003E-01	0.66915E-03	-0.30008E-01	0.00000E+00
77	0.24737E-01	0.16714E-02	-0.41293E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.35563E-02	-0.14624E-03	-0.15246E-01	0.00000E+00
80	0.16309E-01	0.18290E-03	-0.29086E-01	0.00000E+00
81	0.18519E-01	0.42173E-03	-0.32984E-01	0.00000E+00
82	0.21738E-01	0.98562E-03	-0.38312E-01	0.00000E+00
83	0.26989E-01	0.21938E-02	-0.42165E-01	0.00000E+00
84	0.26988E-01	0.26662E-02	-0.46323E-01	0.00000E+00
85	0.29373E-01	0.70645E-03	-0.30239E-01	0.00000E+00
86	0.26357E-01	0.11528E-02	-0.34469E-01	0.00000E+00
87	0.24507E-01	0.16646E-02	-0.42907E-01	0.00000E+00
88	0.26822E-01	0.16572E-02	-0.38306E-01	0.00000E+00
89	0.25705E-01	0.74229E-03	-0.30460E-01	0.00000E+00
90	0.21280E-01	0.53245E-03	-0.38098E-01	0.00000E+00
91	0.23283E-01	0.11117E-02	-0.40953E-01	0.00000E+00
92	0.24494E-01	0.16134E-02	-0.42272E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.91294E-02	0.00000E+00	-0.16733E-01	0.00000E+00
95	0.16901E-01	0.00000E+00	-0.30624E-01	0.00000E+00
96	0.18874E-01	0.00000E+00	-0.33851E-01	0.00000E+00
97	0.21382E-01	0.00000E+00	-0.37115E-01	0.00000E+00
98	0.22669E-01	0.00000E+00	-0.38145E-01	0.00000E+00
99	0.22501E-01	0.64569E-03	-0.39351E-01	0.00000E+00
100	0.25556E-01	0.20160E-02	-0.43734E-01	0.00000E+00
101	0.29103E-01	0.39797E-02	-0.48539E-01	0.00000E+00
102	0.26564E-01	0.79269E-03	-0.30772E-01	0.00000E+00
103	0.28303E-01	0.27911E-02	-0.44077E-01	0.00000E+00
104	0.27620E-01	0.13914E-02	-0.35764E-01	0.00000E+00
105	0.27273E-01	0.84529E-03	-0.31052E-01	0.00000E+00
106	0.29071E-01	0.33791E-02	-0.45042E-01	0.00000E+00
107	0.28540E-01	0.16941E-02	-0.36621E-01	0.00000E+00
108	0.27872E-01	0.89326E-03	-0.31298E-01	0.00000E+00
109	0.28351E-01	0.94175E-03	-0.31502E-01	0.00000E+00
110	0.29809E-01	0.43871E-02	-0.45532E-01	0.00000E+00
111	0.29150E-01	0.20755E-02	-0.37118E-01	0.00000E+00
112	0.28749E-01	0.98712E-03	-0.31665E-01	0.00000E+00
113	0.29638E-01	0.40911E-02	-0.44091E-01	0.00000E+00
114	0.29029E-01	0.10314E-02	-0.31779E-01	0.00000E+00
115	0.29244E-01	0.10729E-02	-0.31848E-01	0.00000E+00
116	0.29343E-01	0.11144E-02	-0.31863E-01	0.00000E+00

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117	0.27331E-01	0.24549E-02	-0.37071E-01	0.00000E+00
118	0.29357E-01	0.11347E-02	-0.31854E-01	0.00000E+00
119	0.29377E-01	0.11602E-02	-0.31818E-01	0.00000E+00
120	0.29141E-01	0.29316E-02	-0.36659E-01	0.00000E+00
121	0.29382E-01	0.11972E-02	-0.31751E-01	0.00000E+00
122	0.29387E-01	0.12262E-02	-0.31705E-01	-0.78934E-05
123	0.29414E-01	0.12972E-02	-0.31667E-01	-0.14568E-04
124	0.29459E-01	0.14111E-02	-0.31628E-01	-0.22811E-04
125	0.29539E-01	0.15823E-02	-0.31589E-01	-0.33578E-04
126	0.29742E-01	0.20052E-02	-0.31526E-01	-0.48947E-04
127	0.29998E-01	0.25361E-02	-0.31464E-01	-0.55680E-04
128	0.30550E-01	0.37538E-02	-0.31340E-01	-0.51526E-04
129	0.30965E-01	0.47264E-02	-0.31225E-01	-0.35934E-04
130	0.31219E-01	0.53677E-02	-0.31104E-01	-0.14047E-04
131	0.31217E-01	0.53618E-02	-0.30922E-01	0.10096E-04
132	0.31003E-01	0.46482E-02	-0.30772E-01	0.18364E-04
133	0.30795E-01	0.38373E-02	-0.30643E-01	0.17004E-04
134	0.30643E-01	0.30946E-02	-0.30543E-01	0.16103E-04
135	0.30523E-01	0.23410E-02	-0.30467E-01	0.16627E-04
136	0.30435E-01	0.15931E-02	-0.30409E-01	0.16031E-04
137	0.30385E-01	0.38256E-03	-0.30378E-01	0.16148E-04
138	0.30352E-01	0.12959E-03	-0.30352E-01	0.16062E-04
139	0.30352E-01	0.16270E-04	-0.30352E-01	0.16261E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.8900E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.48442E-02	-0.16035E-01	-0.57356E-01	0.89824E+00	0.14749E-01	-0.92798E+00
2	-0.25271E-02	-0.11948E-01	-0.35474E-01	0.88157E+00	0.80187E-02	-0.87857E+00
3	0.21015E-02	-0.17024E-01	-0.34919E-01	0.79406E+00	-0.55429E-01	-0.73257E+00
4	0.77740E-01	0.29684E-01	0.10828E+00	0.69260E+00	-0.62715E-01	-0.74101E+00
5	-0.13610E-01	-0.12835E-01	-0.55193E-01	0.67876E+00	-0.44378E-01	-0.70811E+00
6	0.39787E-01	0.29053E-03	-0.76571E-01	0.70315E+00	-0.38460E-01	-0.71824E+00
7	0.13685E-01	-0.56997E-02	-0.49927E-01	0.58338E+00	-0.18015E-01	-0.57634E+00
8	0.53632E-01	-0.78100E-03	-0.67905E-01	0.57920E+00	-0.49457E-01	-0.58312E+00
9	-0.20471E-01	-0.18443E-01	-0.48792E-01	0.91554E+00	-0.14528E-01	-0.97333E+00
10	-0.80209E-02	-0.17364E-02	-0.97959E-01	0.88601E+00	-0.42688E-01	-0.93529E+00
11	0.56340E-01	0.12021E-01	-0.21612E+00	0.80791E+00	-0.12251E+00	-0.84193E+00
12	0.10118E+00	0.25671E-01	-0.74531E-01	0.71390E+00	-0.99774E-01	-0.71774E+00
13	0.34946E-01	0.62006E-02	-0.14266E+00	0.71707E+00	-0.77602E-01	-0.72800E+00
14	0.85720E-01	0.16007E-01	-0.14864E+00	0.73607E+00	-0.10806E+00	-0.77801E+00
15	0.99430E-01	0.66609E-02	-0.95763E-01	0.59962E+00	-0.97969E-01	-0.59710E+00
16	0.11991E+00	0.28015E-02	-0.14164E+00	0.61229E+00	-0.12548E+00	-0.62193E+00
17	-0.50072E-01	-0.69995E-01	-0.10151E+00	0.92613E+00	-0.23091E-01	-0.10829E+01
18	-0.30858E-01	-0.31726E-01	-0.17584E+00	0.89431E+00	-0.67678E-01	-0.10302E+01
19	0.43915E-01	0.10695E-01	-0.36142E+00	0.82489E+00	-0.19534E+00	-0.92487E+00
20	0.12460E+00	0.23522E-01	-0.16774E+00	0.74451E+00	-0.16662E+00	-0.77756E+00
21	0.30124E-01	0.31897E-01	-0.23250E+00	0.75389E+00	-0.12316E+00	-0.81326E+00
22	0.10726E+00	0.96050E-01	-0.21554E+00	0.78125E+00	-0.15921E+00	-0.87564E+00
23	0.16210E+00	0.80361E-02	-0.17695E+00	0.65323E+00	-0.17429E+00	-0.66050E+00
24	0.30413E+00	0.77975E-01	-0.12843E+00	0.69544E+00	-0.22569E+00	-0.67858E+00
25	0.14954E+00	0.35117E-01	-0.23012E+00	0.71029E+00	-0.18812E+00	-0.72590E+00
26	0.41141E+00	0.19328E+00	-0.81873E-01	0.73800E+00	-0.25562E+00	-0.77953E+00
27	-0.75261E-01	-0.12162E+00	-0.14240E+00	0.94132E+00	-0.27064E-01	-0.11760E+01
28	-0.60557E-01	-0.86889E-01	-0.24048E+00	0.89276E+00	-0.76392E-01	-0.11090E+01
29	0.52873E-02	-0.64442E-02	-0.46044E+00	0.79590E+00	-0.21516E+00	-0.99416E+00
30	-0.33794E-02	0.11146E-01	-0.31716E+00	0.77346E+00	-0.17567E+00	-0.87483E+00
31	-0.11064E-01	0.50125E-01	-0.30364E+00	0.74483E+00	-0.13331E+00	-0.88811E+00
32	-0.10972E-01	0.12934E-01	-0.34012E+00	0.72666E+00	-0.15476E+00	-0.89967E+00
33	0.36941E+00	0.18413E+00	-0.11287E+00	0.78919E+00	-0.23182E+00	-0.80024E+00
34	0.85681E+00	0.52545E+00	0.21196E+00	0.82787E+00	-0.25555E+00	-0.82831E+00
35	0.28448E-01	-0.27918E-01	-0.34309E+00	0.82170E+00	-0.10737E+00	-0.82810E+00
36	-0.50836E-01	-0.41180E-01	-0.38566E+00	0.76363E+00	-0.15192E+00	-0.81611E+00
37	0.11485E+00	0.11077E+00	-0.25994E+00	0.82965E+00	-0.11291E+00	-0.80942E+00
38	-0.10325E+00	-0.16424E+00	-0.18219E+00	0.97221E+00	-0.33081E-01	-0.13058E+01
39	-0.80053E-01	-0.12993E+00	-0.30005E+00	0.92613E+00	-0.93279E-01	-0.12175E+01
40	0.18173E-01	-0.21619E-01	-0.51371E+00	0.81736E+00	-0.27748E+00	-0.10100E+01
41	-0.31167E-01	-0.19423E+00	-0.61061E+00	0.84055E+00	-0.23318E+00	-0.10533E+01
42	-0.85804E-01	-0.85600E-01	-0.65486E+00	0.84396E+00	-0.25673E+00	-0.11162E+01
43	-0.82048E-01	-0.58795E-01	-0.41000E+00	0.75293E+00	-0.14770E+00	-0.89008E+00
44	-0.20452E+00	-0.13907E+00	-0.52013E+00	0.73901E+00	-0.15571E+00	-0.90510E+00
45	-0.25279E+00	-0.18993E+00	-0.59900E+00	0.79958E+00	-0.19879E+00	-0.90558E+00
46	-0.12030E+00	-0.34054E-01	-0.48368E+00	0.77286E+00	-0.13814E+00	-0.98394E+00
47	0.52206E-02	0.43182E-01	-0.33487E+00	0.80148E+00	-0.12381E+00	-0.80739E+00
48	-0.20649E+00	-0.84035E-01	-0.46946E+00	0.82845E+00	0.10787E-01	-0.79906E+00
49	-0.14109E+00	-0.25974E-01	-0.43626E+00	0.80803E+00	-0.10602E+00	-0.74774E+00
50	-0.76639E+00	-0.28512E+00	-0.81981E+00	0.69898E+00	-0.13676E+00	-0.74622E+00
51	-0.36780E+00	-0.32805E+00	-0.62874E+00	0.29884E-01	0.97685E-02	-0.17029E+00
52	-0.24179E+00	0.31367E-01	-0.45659E+00	-0.85624E-01	-0.10590E+00	-0.69689E+00
53	-0.23149E+00	-0.13941E-01	-0.56795E+00	0.66533E+00	-0.20372E+00	-0.77525E+00
54	-0.14736E+00	-0.20336E+00	-0.23022E+00	0.10127E+01	-0.32607E-01	-0.15185E+01

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55	-0.14840E+00	-0.13977E+00	-0.37362E+00	0.95560E+00	-0.85358E-01	-0.13875E+01
56	-0.10835E+00	-0.77762E-01	-0.72514E+00	0.87141E+00	-0.23651E+00	-0.12279E+01
57	-0.18453E+00	-0.60835E-01	-0.58918E+00	0.77008E+00	-0.16838E+00	-0.10565E+01
58	-0.21467E+00	-0.36721E-01	-0.65981E+00	0.65413E+00	-0.20376E+00	-0.88887E+00
59	-0.15222E+00	-0.18528E+00	-0.19527E+00	0.10270E+01	0.21526E-01	-0.16269E+01
60	-0.19122E+00	-0.21965E+00	-0.28848E+00	0.10381E+01	-0.25745E-01	-0.17434E+01
61	-0.18324E+00	-0.21714E+00	-0.29017E+00	0.10293E+01	-0.25012E-01	-0.17435E+01
62	-0.16610E+00	-0.20155E+00	-0.21341E+00	0.10458E+01	0.23652E-01	-0.18629E+01
63	-0.20672E+00	-0.14967E+00	-0.41947E+00	0.95458E+00	-0.12027E-01	-0.15371E+01
64	-0.22816E+00	-0.16346E+00	-0.43343E+00	0.95057E+00	0.13470E-02	-0.16485E+01
65	-0.20986E+00	-0.92348E-01	-0.79188E+00	0.83950E+00	-0.33841E-01	-0.13363E+01
66	-0.27663E+00	-0.11440E+00	-0.85134E+00	0.80124E+00	-0.12979E-01	-0.13168E+01
67	-0.27158E+00	-0.98602E-01	-0.81603E+00	0.81055E+00	0.24029E-01	-0.14348E+01
68	-0.27870E+00	-0.10151E+00	-0.69922E+00	0.72136E+00	-0.38082E-01	-0.11273E+01
69	-0.24611E+00	-0.15426E-01	-0.62067E+00	0.74512E+00	0.98110E-02	-0.12714E+01
70	-0.37390E+00	-0.97851E-01	-0.72596E+00	0.69961E+00	0.60932E-01	-0.11642E+01
71	-0.25178E+00	-0.95761E-02	-0.71374E+00	0.62788E+00	-0.19649E-01	-0.98270E+00
72	-0.35895E+00	-0.22318E-01	-0.74967E+00	0.60571E+00	0.77861E-01	-0.10015E+01
73	-0.11761E+00	-0.14598E+00	-0.18479E+00	0.10822E+01	0.14709E-01	-0.19540E+01
74	-0.17900E+00	-0.16013E+00	-0.36212E+00	0.94835E+00	0.53149E-01	-0.16948E+01
75	-0.20625E+00	-0.15344E+00	-0.68488E+00	0.75578E+00	0.17774E+00	-0.13086E+01
76	-0.32924E+00	-0.45187E-01	-0.63895E+00	0.67793E+00	0.18397E+00	-0.11614E+01
77	-0.25318E+00	-0.12924E+00	-0.55765E+00	0.55064E+00	0.12574E+00	-0.10170E+01
78	-0.49252E+00	-0.50138E+00	-0.76093E+00	0.52032E+00	0.17237E+00	-0.70855E+00
79	-0.40340E+00	-0.57920E-01	-0.69552E+00	0.49510E+00	0.22947E+00	-0.81841E+00
80	-0.55295E+00	-0.15718E+00	-0.71848E+00	0.39084E+00	0.30350E+00	-0.62547E+00
81	-0.21758E+00	-0.69381E-01	-0.50557E+00	0.23116E+00	0.18217E+00	-0.37443E+00
82	-0.42772E+00	-0.45510E+00	-0.71003E+00	0.22627E+00	0.22563E+00	-0.22501E+00
83	-0.50900E+00	-0.85458E-01	-0.68034E+00	0.29525E+00	0.30640E+00	-0.37663E+00
84	-0.50193E+00	-0.77347E-01	-0.73740E+00	0.35418E+00	0.28273E+00	-0.46035E+00
85	-0.55465E+00	-0.86949E-01	-0.84728E+00	0.39600E+00	0.32782E+00	-0.58826E+00
86	-0.54880E+00	-0.63825E-01	-0.85578E+00	0.25699E+00	0.33499E+00	-0.33331E+00
87	-0.27845E+00	0.14360E+00	-0.69989E+00	0.45865E+00	0.90822E-01	-0.78465E+00
88	-0.31311E+00	-0.19276E-01	-0.79991E+00	0.46333E+00	0.10370E-01	-0.69418E+00
89	-0.35550E+00	-0.31853E-01	-0.85639E+00	0.38058E+00	0.32926E-01	-0.55602E+00
90	-0.36208E+00	0.20648E-01	-0.83132E+00	0.31418E+00	0.72613E-01	-0.34306E+00
91	-0.37306E+00	-0.57796E-01	-0.88630E+00	0.23944E+00	0.71973E-01	-0.31158E+00
92	-0.37605E+00	-0.62626E-01	-0.88881E+00	0.14725E+00	0.71718E-01	-0.13541E+00
93	-0.29045E+00	0.37428E-01	-0.58724E+00	0.48222E+00	-0.22363E+00	-0.66493E+00
94	-0.25361E+00	-0.43616E-01	-0.66061E+00	0.52180E+00	-0.22978E+00	-0.68199E+00
95	-0.19008E+00	-0.19676E+00	-0.69802E+00	0.39751E+00	-0.30074E+00	-0.46384E+00
96	-0.26279E+00	-0.52037E-01	-0.74800E+00	0.51217E+00	-0.22784E+00	-0.68289E+00
97	-0.16612E+00	-0.15675E+00	-0.67813E+00	0.40728E+00	-0.29870E+00	-0.38029E+00
98	-0.19405E+00	-0.55331E-01	-0.72933E+00	0.39339E+00	-0.29600E+00	-0.44246E+00
99	-0.20910E+00	0.73496E-01	-0.73942E+00	0.42123E+00	-0.22552E+00	-0.55620E+00
100	-0.20204E+00	-0.36954E-01	-0.73444E+00	0.32521E+00	-0.29605E+00	-0.29077E+00
101	-0.24245E+00	-0.10222E+00	-0.73679E+00	0.27071E+00	-0.31369E+00	-0.18230E+00
102	-0.21112E+00	0.60915E-02	-0.75958E+00	0.21023E+00	-0.26946E+00	-0.14673E+00
103	-0.24493E+00	-0.94769E-01	-0.71077E+00	0.17563E+00	-0.33784E+00	-0.46193E-01
104	-0.20074E+00	-0.34618E-01	-0.56045E+00	0.82358E-01	-0.34091E+00	0.31217E-01
105	-0.39055E+00	-0.99197E-01	-0.64655E+00	0.41338E+00	-0.21232E+00	-0.67531E+00
106	-0.64180E+00	-0.49159E+00	-0.83632E+00	0.46204E-01	-0.15629E+00	-0.24674E+00
107	-0.47254E+00	-0.31089E+00	-0.71349E+00	0.24095E+00	-0.17510E+00	-0.50160E+00
108	-0.39607E+00	-0.25911E+00	-0.68748E+00	0.25095E+00	-0.20010E+00	-0.49351E+00
109	-0.39216E+00	-0.33698E+00	-0.69859E+00	0.10503E+00	-0.21919E+00	-0.24848E+00
110	-0.11386E+00	-0.68641E-01	-0.50596E+00	0.31160E+00	-0.24760E+00	-0.47186E+00
111	-0.46460E-01	-0.13215E+00	-0.49194E+00	0.23779E+00	-0.30838E+00	-0.21255E+00
112	-0.39417E-01	-0.12394E+00	-0.48257E+00	0.34786E+00	-0.30954E+00	-0.20794E+00
113	0.33436E-01	-0.89066E-02	-0.45190E+00	0.38346E+00	-0.33515E+00	-0.45956E+00
114	0.49952E-01	-0.63510E-01	-0.42422E+00	0.32478E+00	-0.39387E+00	-0.20134E+00

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115	0.64993E-01	-0.56295E-01	-0.39873E+00	0.52102E+00	-0.39939E+00	-0.19188E+00
116	-0.44299E-01	-0.30086E-01	-0.48323E+00	0.40715E+00	-0.42629E+00	-0.37701E+00
117	-0.14609E+00	-0.18321E+00	-0.51141E+00	0.45802E+00	-0.50243E+00	-0.17701E+00
118	-0.12983E+00	-0.17197E+00	-0.48198E+00	0.39871E+00	-0.50901E+00	-0.15966E+00
119	-0.12527E+00	-0.17644E-01	-0.49264E+00	0.33711E+00	-0.50721E+00	-0.26367E+00
120	-0.23366E+00	-0.23230E+00	-0.53147E+00	0.36091E+00	-0.56998E+00	-0.14003E+00
121	-0.22352E+00	-0.22556E+00	-0.51257E+00	0.31743E+00	-0.57426E+00	-0.11869E+00
122	-0.10336E+00	0.72241E-01	-0.43473E+00	0.23672E+00	-0.55467E+00	-0.17219E+00
123	-0.26446E+00	-0.24917E+00	-0.52636E+00	0.29355E+00	-0.60832E+00	-0.96299E-01
124	-0.25989E+00	-0.24758E+00	-0.51653E+00	0.25789E+00	-0.61095E+00	-0.72544E-01
125	-0.17211E+00	0.34293E-01	-0.46094E+00	0.21051E+00	-0.56550E+00	-0.31754E-01
126	-0.35613E+00	-0.30668E+00	-0.56781E+00	0.23760E+00	-0.59719E+00	-0.47024E-01
127	-0.35465E+00	-0.30621E+00	-0.56448E+00	0.19179E+00	-0.59809E+00	-0.29354E-01
128	-0.29324E+00	-0.11095E+00	-0.50744E+00	0.18216E+00	-0.56182E+00	0.21245E-01
129	-0.53003E+00	-0.43463E+00	-0.57204E+00	0.23729E+00	-0.56086E+00	-0.86154E-02
133	-0.43782E+00	-0.82933E-01	-0.64291E+00	0.66882E+00	-0.22319E+00	-0.74691E+00

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.8900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.63621E-01	-0.42414E+00	0.36052E+00	0.15850E+02	-0.14545E+02	-0.79995E+01
131	0.54180E-02	0.36120E-01	-0.30702E-01	0.29534E+02	-0.26781E+02	-0.26854E+02
132	-0.12327E-01	-0.82179E-01	0.69852E-01	0.48053E+02	-0.43181E+02	-0.44795E+02
133	-0.14463E-02	-0.96423E-02	0.81959E-02	0.68081E+02	-0.59755E+02	-0.63484E+02
134	-0.15832E-02	-0.10555E-01	0.89715E-02	0.89630E+02	-0.76503E+02	-0.83468E+02
135	-0.20130E-01	-0.13420E+00	0.11407E+00	0.10504E+03	-0.88797E+02	-0.99443E+02
136	0.22530E-02	0.15020E-01	-0.12767E-01	0.11748E+03	-0.94782E+02	-0.10866E+03
137	0.14361E-01	0.95875E-01	-0.81494E-01	0.11885E+03	-0.10020E+03	-0.11362E+03
138	-0.13273E+00	-0.88490E+00	0.53687E+00	0.11871E+03	-0.16518E+03	-0.12026E+03
139	-0.16101E+00	-0.10734E+01	0.11789E+00	0.11432E+03	-0.29263E+03	-0.12901E+03
140	0.16161E+00	0.10774E+01	-0.91581E+00	0.14044E+03	-0.35456E+03	-0.14321E+03
141	0.15693E+00	0.10462E+01	-0.88928E+00	0.13730E+03	-0.35850E+03	-0.15237E+03
142	0.17654E+00	0.11769E+01	-0.10004E+01	0.13908E+03	-0.36068E+03	-0.15818E+03
143	0.18081E+00	0.12054E+01	-0.10246E+01	-0.41919E+02	-0.38828E+03	0.12310E+02
144	0.17296E+00	0.11531E+01	-0.98013E+00	-0.45760E+02	-0.38850E+03	0.16269E+01
145	-0.72664E+00	-0.48443E+01	0.10615E+01	0.15861E+02	-0.30204E+03	0.17978E+03
146	-0.29402E+00	-0.19601E+01	0.11512E+01	0.30297E+02	-0.22233E+03	0.19140E+03
147	-0.29701E+00	-0.19801E+01	0.11070E+01	0.25830E+02	-0.22531E+03	0.18503E+03
148	-0.30067E+00	-0.20045E+01	0.75641E-01	0.25751E+02	-0.22814E+03	0.18602E+03
149	-0.30516E+00	-0.20344E+01	0.11089E+00	0.28761E+02	-0.23115E+03	0.19242E+03
150	-0.34399E+00	-0.22933E+01	0.22303E+00	0.17618E+02	-0.24480E+03	0.18342E+03
151	-0.41426E+00	-0.27617E+01	-0.33207E+01	0.20160E+02	-0.27543E+03	0.18934E+03
152	-0.40855E+00	-0.27237E+01	-0.62441E+01	0.22021E+02	-0.27131E+03	0.18566E+03
153	-0.39820E+00	-0.26547E+01	-0.54786E+01	0.20499E+02	-0.26459E+03	0.17901E+03
154	-0.37101E+00	-0.24734E+01	-0.10703E+02	0.19571E+02	-0.24645E+03	0.17088E+03
155	-0.33061E+00	-0.22041E+01	-0.87283E+01	0.26225E+02	-0.21829E+03	0.15616E+03
156	-0.29822E+00	-0.19881E+01	-0.73353E+01	0.24248E+02	-0.19682E+03	0.14101E+03
157	-0.27223E+00	-0.18149E+01	-0.58159E+01	0.27534E+02	-0.17886E+03	0.12150E+03
158	-0.25114E+00	-0.16743E+01	-0.48712E+01	0.26111E+02	-0.16490E+03	0.10272E+03
159	-0.23452E+00	-0.15635E+01	-0.34411E+01	0.26582E+02	-0.15365E+03	0.80094E+02
160	-0.22158E+00	-0.14772E+01	-0.27214E+01	0.24772E+02	-0.14523E+03	0.59109E+02
161	-0.23377E+00	-0.15585E+01	-0.15420E+01	0.26571E+02	-0.14317E+03	0.34779E+02
162	-0.23306E+00	-0.15537E+01	-0.40160E+00	0.24752E+02	-0.13397E+03	0.17813E+02
163	-0.26506E+00	-0.17671E+01	-0.69754E+00	0.15955E+02	-0.15420E+03	0.76040E+01
164	-0.25828E+00	-0.17219E+01	-0.48758E+00	0.25028E+02	-0.14883E+03	-0.42602E+01

165	-0.16991E+03	-0.23736E+02	-0.17788E+01	-0.13401E+02	-0.15200E+03	-0.76432E+01
166	-0.14111E+03	-0.17927E+02	-0.32456E+01	-0.10896E+02	-0.14071E+03	-0.57978E+01
167	-0.11330E+03	-0.13556E+02	-0.34029E+01	-0.93483E+01	-0.11955E+03	-0.42596E+01
168	-0.87394E+02	-0.10036E+02	-0.30767E+01	-0.78032E+01	-0.97866E+02	-0.29268E+01
169	-0.55847E+02	-0.48679E+01	-0.34672E+01	-0.63148E+01	-0.82466E+02	-0.14030E+01
170	-0.23999E+02	0.97838E+00	-0.44783E+01	-0.46183E+01	-0.71182E+02	0.32465E+00
171	0.78222E+01	0.64619E+01	-0.50602E+01	-0.23427E+01	-0.50745E+02	0.26208E+01
172	0.27338E+02	0.90226E+01	-0.46076E+01	0.13825E-01	-0.23964E+02	0.48201E+01
173	0.27864E+02	0.73367E+01	-0.28755E+01	0.14196E+01	-0.18921E+01	0.59228E+01
174	0.15260E+02	0.34811E+01	-0.10147E+01	0.19260E+01	0.12901E+02	0.58723E+01
175	0.34460E+01	0.54343E+00	0.29388E-01	0.13814E+01	0.13444E+02	0.48121E+01
176	-0.39396E+00	-0.12699E+00	0.92179E-01	0.81535E+00	0.94438E+01	0.37915E+01
177	-0.20514E+00	-0.26216E-01	0.15378E-01	0.55880E+00	0.69925E+01	0.28918E+01
178	0.35127E-01	-0.56325E-02	0.27542E-01	0.41934E+00	0.47881E+01	0.20773E+01
179	-0.10278E+00	-0.30062E-01	0.21254E-01	0.25138E+00	0.33833E+01	0.14584E+01
180	0.16356E-01	0.73140E-02	-0.56619E-03	0.11290E+00	0.20234E+01	0.88069E+00
181	-0.12893E-01	-0.31531E-01	0.28377E-01	-0.72214E-01	0.94499E+00	0.28685E+00
182	0.88296E-01	0.41015E-01	-0.24149E-01	-0.87301E-01	-0.26398E+00	-0.36535E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9000E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.37352E-01	-0.61050E-04	-0.37532E-01	0.00000E+00
3	0.70035E-01	0.62935E-04	-0.70040E-01	0.00000E+00
4	0.78354E-01	0.96454E-04	-0.73258E-01	0.00000E+00
5	0.89911E-01	0.17661E-05	-0.89901E-01	0.00000E+00
6	0.97777E-01	0.64114E-05	-0.97781E-01	0.00000E+00
7	0.90021E-01	0.82054E-03	-0.90022E-01	0.00000E+00
8	0.98016E-01	0.67874E-03	-0.98059E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.36702E-01	0.46945E-03	-0.36586E-01	0.00000E+00
11	0.69211E-01	0.10715E-02	-0.69136E-01	0.00000E+00
12	0.77566E-01	0.13005E-02	-0.77861E-01	0.00000E+00
13	0.90146E-01	0.12508E-02	-0.90135E-01	0.00000E+00
14	0.98602E-01	0.10809E-02	-0.98802E-01	0.00000E+00
15	0.90671E-01	0.21105E-02	-0.91112E-01	0.00000E+00
16	0.99587E-01	0.17085E-02	-0.10009E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.35787E-01	0.85011E-03	-0.36116E-01	0.00000E+00
19	0.68509E-01	0.20290E-02	-0.68969E-01	0.00000E+00
20	0.77767E-01	0.25093E-02	-0.78228E-01	0.00000E+00
21	0.91195E-01	0.24628E-02	-0.91841E-01	0.00000E+00
22	0.10102E+00	0.21218E-02	-0.10199E+00	0.00000E+00
23	0.91955E-01	0.33495E-02	-0.92986E-01	0.00000E+00
24	0.10296E+00	0.26603E-02	-0.10465E+00	0.00000E+00
25	0.10412E+00	0.33164E-02	-0.10634E+00	0.00000E+00
26	0.10481E+00	0.34315E-02	-0.10736E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.34389E-01	0.81547E-03	-0.34290E-01	0.00000E+00
29	0.66897E-01	0.21773E-02	-0.66585E-01	0.00000E+00
30	0.76871E-01	0.29375E-02	-0.76638E-01	0.00000E+00
31	0.92143E-01	0.35579E-02	-0.93352E-01	0.00000E+00
32	0.10550E+00	0.34385E-02	-0.10845E+00	0.00000E+00
33	0.92061E-01	0.36437E-02	-0.93151E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.33910E-01	0.61662E-03	-0.33278E-01	0.00000E+00
36	0.66211E-01	0.17395E-02	-0.64886E-01	0.00000E+00
37	0.76234E-01	0.23375E-02	-0.74690E-01	0.00000E+00
38	0.91945E-01	0.31390E-02	-0.92493E-01	0.00000E+00
39	0.10639E+00	0.36592E-02	-0.11003E+00	0.00000E+00
40	0.10621E+00	0.36499E-02	-0.10970E+00	0.00000E+00
41	0.10604E+00	0.36396E-02	-0.10937E+00	0.00000E+00
42	0.10584E+00	0.36153E-02	-0.10899E+00	0.00000E+00
43	0.74866E-01	0.11691E-02	-0.69054E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.32041E-01	0.20884E-04	-0.27756E-01	0.00000E+00
46	0.63124E-01	0.27177E-03	-0.54148E-01	0.00000E+00
47	0.10644E+00	0.36591E-02	-0.11008E+00	0.00000E+00
48	0.10645E+00	0.36596E-02	-0.11015E+00	0.00000E+00
49	0.91868E-01	0.29580E-02	-0.92100E-01	0.00000E+00
50	0.10652E+00	0.36896E-02	-0.11050E+00	0.00000E+00
51	0.90246E-01	0.18002E-02	-0.84301E-01	0.00000E+00
52	0.10392E+00	0.37155E-02	-0.98446E-01	0.00000E+00
53	0.10638E+00	0.36441E-02	-0.10987E+00	0.00000E+00
54	0.72723E-01	0.65724E-03	-0.62264E-01	0.00000E+00
55	0.67573E-01	0.13476E-02	-0.75390E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.29942E-01	-0.23437E-03	-0.20710E-01	0.00000E+00
58	0.59128E-01	-0.86540E-03	-0.41555E-01	0.00000E+00
59	0.99826E-01	0.23022E-02	-0.86438E-01	0.00000E+00
60	0.10279E+00	0.33632E-02	-0.94795E-01	0.00000E+00
61	0.10654E+00	0.37114E-02	-0.11070E+00	0.00000E+00
62	0.68122E-01	-0.10476E-02	-0.47652E-01	0.00000E+00
63	0.81370E-01	-0.20047E-03	-0.57031E-01	0.00000E+00
64	0.10457E+00	0.37551E-02	-0.99166E-01	0.00000E+00
65	0.10656E+00	0.37325E-02	-0.11090E+00	0.00000E+00
66	0.10672E+00	0.37736E-02	-0.11130E+00	0.00000E+00
67	0.10688E+00	0.38127E-02	-0.11171E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.26279E-01	-0.93971E-03	-0.14484E-01	0.00000E+00
70	0.54725E-01	-0.21408E-02	-0.28724E-01	0.00000E+00
71	0.93532E-01	-0.69229E-03	-0.65998E-01	0.00000E+00
72	0.10475E+00	0.37572E-02	-0.96723E-01	0.00000E+00
73	0.75026E-01	-0.27500E-02	-0.39786E-01	0.00000E+00
74	0.10820E+00	0.39671E-02	-0.99822E-01	0.00000E+00
75	0.10701E+00	0.38415E-02	-0.11209E+00	0.00000E+00
76	0.10787E+00	0.38876E-02	-0.11277E+00	0.00000E+00
77	0.85759E-01	-0.26432E-02	-0.45651E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.26810E-01	-0.14032E-02	-0.87626E-02	0.00000E+00
80	0.50662E-01	-0.30029E-02	-0.16412E-01	0.00000E+00
81	0.57392E-01	-0.38317E-02	-0.18667E-01	0.00000E+00
82	0.67869E-01	-0.40470E-02	-0.22697E-01	0.00000E+00
83	0.10468E+00	-0.16580E-03	-0.74703E-01	0.00000E+00
84	0.89589E-01	-0.36835E-02	-0.36538E-01	0.00000E+00
85	0.10969E+00	0.39463E-02	-0.11368E+00	0.00000E+00
86	0.11208E+00	0.38993E-02	-0.10349E+00	0.00000E+00
87	0.77569E-01	-0.42131E-02	-0.26922E-01	0.00000E+00
88	0.10945E+00	0.20612E-02	-0.89685E-01	0.00000E+00
89	0.11132E+00	0.39914E-02	-0.11456E+00	0.00000E+00
90	0.54774E-01	-0.25971E-02	0.30490E-03	0.00000E+00
91	0.59572E-01	-0.25286E-02	0.86508E-03	0.00000E+00
92	0.62923E-01	-0.23632E-02	0.49118E-03	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.18884E-01	0.00000E+00	0.92242E-02	0.00000E+00
95	0.35003E-01	0.00000E+00	0.15438E-01	0.00000E+00
96	0.38627E-01	0.00000E+00	0.18075E-01	0.00000E+00
97	0.43732E-01	0.00000E+00	0.18693E-01	0.00000E+00
98	0.45511E-01	0.00000E+00	0.18628E-01	0.00000E+00
99	0.51973E-01	-0.16632E-02	0.94193E-02	0.00000E+00
100	0.68768E-01	-0.26638E-02	-0.53221E-02	0.00000E+00
101	0.99075E-01	-0.26689E-02	-0.40811E-01	0.00000E+00
102	0.11564E+00	0.40311E-02	-0.11584E+00	0.00000E+00
103	0.11123E+00	0.17735E-03	-0.79373E-01	0.00000E+00
104	0.11870E+00	0.38923E-02	-0.10828E+00	0.00000E+00
105	0.11927E+00	0.40591E-02	-0.11703E+00	0.00000E+00
106	0.11592E+00	0.50651E-03	-0.82937E-01	0.00000E+00
107	0.12380E+00	0.40107E-02	-0.11184E+00	0.00000E+00
108	0.12238E+00	0.40533E-02	-0.11812E+00	0.00000E+00
109	0.12490E+00	0.40320E-02	-0.11907E+00	0.00000E+00
110	0.12255E+00	0.10710E-02	-0.87536E-01	0.00000E+00
111	0.12773E+00	0.41760E-02	-0.11458E+00	0.00000E+00
112	0.12701E+00	0.39900E-02	-0.11988E+00	0.00000E+00
113	0.12532E+00	0.14372E-02	-0.94114E-01	0.00000E+00
114	0.12854E+00	0.39224E-02	-0.12053E+00	0.00000E+00
115	0.12962E+00	0.38444E-02	-0.12103E+00	0.00000E+00
116	0.13013E+00	0.37579E-02	-0.12131E+00	0.00000E+00

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117	0.12942E+00	0.39144E-02	-0.11595E+00	0.00000E+00
118	0.13015E+00	0.37139E-02	-0.12139E+00	0.00000E+00
119	0.13010E+00	0.36370E-02	-0.12142E+00	0.00000E+00
120	0.13065E+00	0.34999E-02	-0.11717E+00	0.00000E+00
121	0.12996E+00	0.35254E-02	-0.12140E+00	0.00000E+00
122	0.12995E+00	0.34283E-02	-0.12156E+00	0.24197E-04
123	0.12986E+00	0.32153E-02	-0.12168E+00	0.44291E-04
124	0.12975E+00	0.28685E-02	-0.12181E+00	0.68909E-04
125	0.12951E+00	0.23487E-02	-0.12193E+00	0.10090E-03
126	0.12891E+00	0.10771E-02	-0.12213E+00	0.14670E-03
127	0.12815E+00	-0.52067E-03	-0.12233E+00	0.16738E-03
128	0.12651E+00	-0.42050E-02	-0.12273E+00	0.15657E-03
129	0.12525E+00	-0.72098E-02	-0.12310E+00	0.11312E-03
130	0.12443E+00	-0.93451E-02	-0.12349E+00	0.52469E-04
131	0.12431E+00	-0.97944E-02	-0.12410E+00	-0.21394E-04
132	0.12488E+00	-0.90513E-02	-0.12464E+00	-0.48143E-04
133	0.12545E+00	-0.59629E-02	-0.12512E+00	-0.42139E-04
134	0.12580E+00	-0.44228E-02	-0.12552E+00	-0.28803E-04
135	0.12600E+00	-0.33490E-02	-0.12583E+00	-0.22557E-04
136	0.12614E+00	-0.23282E-02	-0.12606E+00	-0.23963E-04
137	0.12622E+00	-0.12936E-02	-0.12620E+00	-0.24048E-04
138	0.12628E+00	-0.19522E-03	-0.12628E+00	-0.24968E-04
139	0.12628E+00	-0.24103E-04	-0.12628E+00	-0.24143E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9000E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.58347E-01	0.40756E-01	-0.13969E-01	0.45458E+01	0.38522E-01	-0.45450E+01
2	-0.15914E+00	0.42212E-01	-0.45904E-01	0.40427E+01	0.70334E-01	-0.40347E+01
3	-0.25882E+00	0.37874E-01	-0.32074E-01	0.32810E+01	0.86259E-01	-0.32998E+01
4	0.11311E+00	0.32132E-01	0.11083E+00	0.26517E+01	-0.40644E-01	-0.26885E+01
5	-0.13445E+00	0.65676E-02	-0.34252E-01	0.26894E+01	0.29846E-01	-0.27253E+01
6	0.94658E-01	0.27943E-01	0.50638E-01	0.27384E+01	-0.20933E-01	-0.27811E+01
7	0.11042E+00	0.13784E-01	0.39807E-01	0.19128E+01	-0.32779E-01	-0.19187E+01
8	0.21763E+00	0.19447E-01	0.75270E-01	0.19187E+01	-0.70259E-01	-0.19874E+01
9	0.10213E+00	0.33323E+00	0.16659E+00	0.44444E+01	0.20652E-01	-0.44597E+01
10	0.34471E-01	0.37564E+00	0.14278E+00	0.40375E+01	0.31912E-01	-0.40531E+01
11	-0.51306E-01	0.33119E+00	0.28344E-01	0.34495E+01	0.60734E-02	-0.34732E+01
12	0.48098E+00	0.27012E+00	0.26976E+00	0.28159E+01	-0.16547E+00	-0.27796E+01
13	0.52354E-01	0.15939E+00	0.34275E-01	0.28941E+01	-0.15156E-01	-0.29500E+01
14	0.42626E+00	0.21673E+00	0.18600E+00	0.29730E+01	-0.10622E+00	-0.30657E+01
15	0.47963E+00	0.78952E-01	0.16636E+00	0.20513E+01	-0.18373E+00	-0.20882E+01
16	0.59460E+00	0.75029E-01	0.17566E+00	0.21694E+01	-0.20457E+00	-0.22513E+01
17	0.84198E-01	0.39309E+00	0.18604E+00	0.42873E+01	0.70551E-01	-0.43153E+01
18	-0.70627E-01	0.46668E+00	0.15044E+00	0.39905E+01	0.16153E+00	-0.40259E+01
19	-0.32871E+00	0.50397E+00	0.37764E-01	0.35692E+01	0.30524E+00	-0.36881E+01
20	0.66388E+00	0.36943E+00	0.33014E+00	0.30695E+01	-0.17701E+00	-0.30650E+01
21	0.60422E-02	0.43815E+00	0.13529E+00	0.32079E+01	0.15673E+00	-0.34731E+01
22	0.65082E+00	0.85362E+00	0.54226E+00	0.33455E+01	-0.43039E-01	-0.37256E+01
23	0.82571E+00	0.10755E+00	0.25155E+00	0.24628E+01	-0.30053E+00	-0.25511E+01
24	0.16576E+01	0.51327E+00	0.70683E+00	0.27033E+01	-0.55065E+00	-0.27240E+01
25	0.80351E+00	0.37520E+00	0.31235E+00	0.28061E+01	-0.23108E+00	-0.31349E+01
26	0.24584E+01	0.14592E+01	0.13768E+01	0.29989E+01	-0.67389E+00	-0.34887E+01
27	0.24043E-01	0.31363E+00	0.14741E+00	0.41501E+01	0.11652E+00	-0.41377E+01
28	-0.17171E+00	0.41069E+00	0.13554E+00	0.38844E+01	0.30959E+00	-0.39373E+01
29	-0.67304E+00	0.45824E+00	0.42445E-01	0.34179E+01	0.83073E+00	-0.37514E+01
30	0.19122E+00	0.54380E+00	0.23982E+00	0.33553E+01	0.13968E+00	-0.37207E+01
31	-0.17099E+00	0.63104E+00	0.20276E+00	0.31936E+01	0.54401E+00	-0.38783E+01
32	0.28197E+00	0.76591E+00	0.41724E+00	0.31060E+01	0.37775E+00	-0.39411E+01
33	0.18244E+01	0.11165E+01	0.10044E+01	0.32401E+01	-0.36610E+00	-0.36815E+01
34	0.43271E+01	0.27853E+01	0.26431E+01	0.33907E+01	-0.99420E+00	-0.40141E+01
35	0.96225E+00	0.53947E+00	0.39339E+00	0.33768E+01	-0.30657E+00	-0.40127E+01
36	-0.34936E+00	-0.88214E-01	-0.30694E+00	0.31231E+01	0.42418E+00	-0.41608E+01
37	0.14907E+01	0.13182E+01	0.92824E+00	0.34893E+01	-0.33116E+00	-0.43180E+01
38	-0.14032E+00	0.68598E-01	0.39108E-01	0.40095E+01	0.16925E+00	-0.37330E+01
39	-0.40626E+00	0.10891E+00	0.90879E-01	0.38012E+01	0.49471E+00	-0.35575E+01
40	-0.82375E+00	0.38133E+00	0.19429E+00	0.33475E+01	0.14537E+01	-0.36706E+01
41	-0.11065E+01	-0.12158E+00	0.18167E+00	0.35338E+01	0.12931E+01	-0.35385E+01
42	-0.14352E+01	0.48574E-01	0.37214E+00	0.33762E+01	0.15998E+01	-0.30009E+01
43	-0.47939E+00	0.20595E+00	0.99963E-02	0.31886E+01	0.83155E+00	-0.39668E+01
44	-0.84940E+00	0.14073E-01	-0.72571E-01	0.31218E+01	0.13246E+01	-0.33516E+01
45	-0.13988E+01	-0.24015E+00	-0.15875E+00	0.32573E+01	0.12982E+01	-0.33356E+01
46	-0.72340E+00	0.28546E+00	0.39004E+00	0.31328E+01	0.92260E+00	-0.28667E+01
47	0.39958E+00	0.66261E+00	0.27185E+00	0.32995E+01	0.30407E+00	-0.43662E+01
48	0.44546E-01	0.50220E+00	0.29538E-01	0.35054E+01	0.30553E+00	-0.44212E+01
49	-0.45106E+00	0.43651E+00	-0.31353E-01	0.34274E+01	0.10442E+01	-0.47499E+01
50	-0.31097E+01	-0.60491E+00	-0.13073E+01	0.29358E+01	0.27421E+01	-0.31385E+01
51	-0.50469E+00	-0.25434E+00	-0.58700E+00	0.14461E+00	0.33918E+00	-0.85667E+00
52	-0.16202E+01	-0.72739E+00	-0.10404E+01	-0.10607E+01	0.15317E+01	0.48583E+01
53	-0.12360E+01	0.45724E+00	0.28484E+00	0.26314E+01	0.14536E+01	-0.26728E+01
54	-0.42735E+00	-0.36069E+00	-0.16903E+00	0.37601E+01	0.20613E+00	-0.29590E+01

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55	-0.69240E+00	-0.23073E+00	0.64034E-01	0.36138E+01	0.56531E+00	-0.28317E+01
56	-0.14847E+01	-0.14925E+00	0.66424E+00	0.32002E+01	0.15510E+01	-0.25980E+01
57	-0.12147E+01	-0.96869E-01	0.33745E+00	0.28727E+01	0.11208E+01	-0.24385E+01
58	-0.13235E+01	0.91158E-02	0.46448E+00	0.24213E+01	0.13276E+01	-0.21775E+01
59	-0.19740E+00	-0.37698E+00	-0.11651E+00	0.36596E+01	-0.40444E-01	-0.25280E+01
60	-0.81036E+00	-0.79616E+00	-0.37607E+00	0.34413E+01	0.36140E+00	-0.17633E+01
61	-0.63268E+00	-0.64691E+00	-0.18061E+00	0.34223E+01	0.30124E+00	-0.17615E+01
62	-0.43076E+00	-0.77380E+00	-0.30316E+00	0.32763E+01	-0.63812E-01	-0.10660E+01
63	-0.81026E+00	-0.52816E+00	0.59363E-01	0.33455E+01	0.48631E+00	-0.21292E+01
64	-0.90053E+00	-0.83719E+00	0.56255E-02	0.30252E+01	0.41093E+00	-0.13174E+0
65	-0.15190E+01	-0.36094E+00	0.89492E+00	0.31106E+01	0.13208E+01	-0.21999E+01
66	-0.19183E+01	-0.56375E+00	0.98901E+00	0.27409E+01	0.14588E+01	-0.15714E+01
67	-0.14914E+01	-0.90753E+00	0.11001E+01	0.23410E+01	0.11057E+01	-0.76309E+00
68	-0.15133E+01	-0.35035E+00	0.41474E+00	0.27102E+01	0.10801E+01	-0.20079E+01
69	-0.13116E+01	-0.51630E+00	0.49161E+00	0.25377E+01	0.81930E+00	-0.14006E+01
70	-0.19166E+01	-0.76944E+00	0.31954E+00	0.21577E+01	0.98320E+00	-0.82890E+00
71	-0.16229E+01	-0.32848E+00	0.56283E+00	0.23189E+01	0.11492E+01	-0.15804E+01
72	-0.18170E+01	-0.49979E+00	0.61245E+00	0.20893E+01	0.10024E+01	-0.10491E+01
73	-0.41292E+00	-0.43911E+00	-0.84581E-01	0.28052E+01	0.73367E-01	0.30990E-01
74	-0.64258E+00	-0.40568E+00	0.31264E+00	0.24831E+01	0.20459E+00	-0.17928E-01
75	-0.13455E+01	-0.39455E+00	0.13474E+01	0.20600E+01	0.55685E+00	-0.86081E-01
76	-0.15619E+01	-0.52029E+00	0.58772E+00	0.23330E+01	0.48941E+00	-0.83507E+00
77	-0.11205E+01	-0.61121E+00	0.62567E+00	0.15271E+01	0.32522E+00	0.15029E+00
78	-0.96613E+00	-0.91290E-02	0.94330E+00	0.11754E+01	0.32059E+00	0.14100E+00
79	-0.18633E+01	-0.53709E+00	0.59454E+00	0.16384E+01	0.54518E+00	-0.36176E+00
80	-0.20205E+01	-0.58463E+00	0.45504E+00	0.11196E+01	0.25738E+00	0.14189E+00
81	-0.10932E+01	-0.25820E+00	0.87466E+00	0.62637E+00	0.29137E+00	0.12231E+00
82	-0.11663E+01	-0.11281E+00	0.38425E+00	0.52100E+00	0.25152E+00	-0.96763E-02
83	-0.17955E+01	-0.29742E+00	0.73048E+00	0.10111E+01	0.23219E+00	-0.84049E-01
84	-0.22440E+01	-0.56034E+00	0.54868E+00	0.10933E+01	0.59787E+00	-0.31622E-01
85	-0.25727E+01	-0.42097E+00	0.56818E+00	0.16306E+01	0.77846E+00	-0.72935E+00
86	-0.25205E+01	-0.42016E+00	0.69791E+00	0.13303E+01	0.73970E+00	-0.54333E+00
87	-0.18224E+01	-0.40682E+00	0.81928E+00	0.16233E+01	0.10122E+01	-0.56138E+00
88	-0.19129E+01	-0.27427E+00	0.67191E+00	0.17865E+01	0.13424E+01	-0.13056E+01
89	-0.20767E+01	-0.31160E+00	0.64720E+00	0.15900E+01	0.14250E+01	-0.12467E+01
90	-0.22592E+01	-0.27004E+00	0.81138E+00	0.11037E+01	0.14787E+01	-0.54965E+00
91	-0.24790E+01	-0.53780E+00	0.51044E+00	0.10933E+01	0.15914E+01	-0.95439E+00
92	-0.24180E+01	-0.47757E+00	0.60293E+00	0.86534E+00	0.15757E+01	-0.71556E+00
93	-0.14599E+01	0.73346E+00	0.30547E+00	0.18771E+01	0.16765E+01	-0.21570E+01
94	-0.16459E+01	-0.10584E+00	0.10344E+00	0.18663E+01	0.15337E+01	-0.20278E+01
95	-0.11012E+01	-0.47979E+00	0.94553E-01	0.13357E+01	0.15213E+01	-0.15617E+01
96	-0.13936E+01	-0.85586E-01	0.50902E+00	0.19029E+01	0.14358E+01	-0.16801E+01
97	-0.94118E+00	-0.26843E+00	0.28326E+00	0.15559E+01	0.15069E+01	-0.13673E+01
98	-0.12026E+01	-0.25247E+00	0.52120E+00	0.12880E+01	0.14173E+01	-0.12727E+01
99	-0.12370E+01	0.11254E+00	0.86778E+00	0.15028E+01	0.13548E+01	-0.12769E+01
100	-0.98420E+00	0.99015E-01	0.80751E+00	0.11006E+01	0.13961E+01	-0.10044E+01
101	-0.12333E+01	-0.15555E+00	0.53109E+00	0.84376E+00	0.14224E+01	-0.80247E+00
102	-0.94003E+00	0.13429E+00	0.10874E+01	0.88644E+00	0.13314E+01	-0.81037E+00
103	-0.61156E+00	-0.11819E+00	0.81212E+00	0.26080E+00	0.12954E+01	-0.43475E+00
104	-0.70398E+00	-0.26130E+00	0.72422E+00	0.93201E-01	0.12932E+01	-0.34465E+00
105	-0.15737E+01	0.10506E+00	-0.15735E+00	0.16746E+01	0.19996E+01	-0.19517E+01
106	-0.24217E+01	-0.13304E+01	-0.15644E+01	0.93383E-01	0.21118E+01	-0.97229E+00
107	-0.18854E+01	-0.94329E+00	-0.10900E+01	0.86451E+00	0.20388E+01	-0.13633E+01
108	-0.15299E+01	-0.83076E+00	-0.86635E+00	0.89474E+00	0.19743E+01	-0.13831E+01
109	-0.13121E+01	-0.60796E+00	-0.80065E+00	0.34319E+00	0.19857E+01	-0.97623E+00
110	-0.88188E-01	0.31360E+00	0.20152E+00	0.13214E+01	0.18483E+01	-0.14728E+01
111	0.41649E+00	0.42617E+00	0.29962E+00	0.94046E+00	0.17670E+01	-0.84100E+00
112	0.44416E+00	0.44947E+00	0.34549E+00	0.14855E+01	0.17579E+01	-0.83466E+00
113	0.66892E+00	0.49104E+00	0.75152E+00	0.15710E+01	0.15249E+01	-0.15850E+01
114	0.80234E+00	0.67220E+00	0.62178E+00	0.13185E+01	0.14870E+01	-0.81584E+00

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115	0.36936E+00	0.70822E+00	0.75260E+00	0.23272E+01	0.14551E+01	-0.79405E+00
116	0.37771E+00	0.44391E+00	0.74525E+00	0.17747E+01	0.11987E+01	-0.13912E+01
117	0.16154E-01	0.20096E+00	0.38001E+00	0.19394E+01	0.10791E+01	-0.74378E+00
118	0.92839E-01	0.24105E+00	0.53163E+00	0.16624E+01	0.10417E+01	-0.69054E+00
119	0.56073E-01	0.42539E+00	0.78300E+00	0.13697E+01	0.87994E+00	-0.10565E+01
120	-0.19721E+00	0.77307E-01	0.47143E+00	0.13655E+01	0.79358E+00	-0.61664E+00
121	-0.14572E+00	0.10642E+00	0.57105E+00	0.11372E+01	0.76952E+00	-0.54406E+00
122	0.19162E+00	0.61719E+00	0.10380E+01	0.10773E+01	0.64855E+00	-0.84077E+00
123	0.14826E+00	0.29369E+00	0.84229E+00	0.86292E+00	0.56781E+00	-0.45316E+00
124	0.17511E+00	0.30932E+00	0.89379E+00	0.61813E+00	0.55549E+00	-0.36716E+00
125	-0.12682E-01	0.12691E+00	0.82598E+00	0.48568E+00	0.50107E+00	-0.46424E+00
126	0.27868E+00	0.37572E+00	0.98860E+00	0.29854E+00	0.46629E+00	-0.25113E+00
127	0.28092E+00	0.37630E+00	0.99360E+00	0.43703E-01	0.46491E+00	-0.18646E+00
128	0.64094E+00	0.52723E+00	0.12270E+01	0.17225E+00	0.39645E+00	-0.27356E+00
129	0.13476E+01	0.10411E+01	0.16783E+01	-0.74255E-01	0.31471E+00	-0.79152E-01
183	-0.19271E+01	0.29634E+00	-0.23560E+00	0.27440E+01	0.21115E+01	-0.31328E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9000E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.35831E+00	-0.23921E+01	0.20333E+01	0.44317E+02	-0.20411E+01	-0.18837E+02
131	-0.58330E-02	-0.33837E-01	0.33054E-01	0.10846E+03	0.12856E+01	-0.53101E+02
132	-0.80430E-01	-0.53620E+00	0.45577E+00	0.18196E+03	0.15087E+01	-0.91772E+02
133	-0.10896E-01	-0.72640E-01	0.61744E-01	0.26433E+03	0.96667E+00	-0.13575E+03
134	-0.32209E-01	-0.21472E+00	0.18252E+00	0.35759E+03	-0.99907E+00	-0.19015E+03
135	-0.13973E+00	-0.93153E+00	0.79180E+00	0.42608E+03	-0.49824E+01	-0.24032E+03
136	-0.50951E-02	-0.33968E-01	0.28872E-01	0.48478E+03	-0.55168E+01	-0.27668E+03
137	0.48233E-01	0.32155E+00	-0.27332E+00	0.48113E+03	-0.13839E+02	-0.29219E+03
138	-0.44384E+00	-0.29589E+01	0.21369E+01	0.49660E+03	-0.63452E+02	-0.31733E+03
139	-0.32669E-02	-0.21779E-01	-0.12598E+01	0.48417E+03	-0.16556E+03	-0.33305E+03
140	0.10210E+01	0.68068E+01	-0.57858E+01	0.61485E+03	-0.20085E+03	-0.37987E+03
141	0.99563E+00	0.66375E+01	-0.56419E+01	0.61734E+03	-0.20646E+03	-0.40435E+03
142	0.11329E+01	0.75523E+01	-0.64195E+01	0.64880E+03	-0.20612E+03	-0.43231E+03
143	0.11724E+01	0.78162E+01	-0.66438E+01	-0.23460E+03	-0.33670E+03	0.44827E+03
144	0.13811E+01	0.92075E+01	-0.78264E+01	-0.22865E+03	-0.32281E+03	0.42956E+03
145	-0.59753E+00	-0.39835E+01	0.52311E+01	0.12326E+03	-0.23184E+03	0.90412E+03
146	-0.25351E+00	-0.16901E+01	0.40109E+01	0.14248E+03	-0.17424E+03	0.75965E+03
147	-0.26478E+00	-0.17652E+01	0.39726E+01	0.13565E+03	-0.18396E+03	0.75036E+03
148	-0.27790E+00	-0.18527E+01	-0.10693E+01	0.13001E+03	-0.19493E+03	0.75197E+03
149	-0.29312E+00	-0.19541E+01	-0.10199E+01	0.12023E+03	-0.20815E+03	0.76416E+03
150	-0.34270E+00	-0.22847E+01	-0.36855E+00	0.80773E+02	-0.23440E+03	0.74488E+03
151	-0.41278E+00	-0.27519E+01	-0.17851E+02	0.63067E+02	-0.26800E+03	0.76171E+03
152	-0.36798E+00	-0.24532E+01	-0.32178E+02	0.63068E+02	-0.23788E+03	0.75649E+03
153	-0.29901E+00	-0.19934E+01	-0.28580E+02	0.46695E+02	-0.19398E+03	0.74054E+03
154	-0.14194E+00	-0.94627E+00	-0.55176E+02	0.30831E+02	-0.90784E+02	0.72132E+03
155	0.84601E-01	0.56401E+00	-0.45733E+02	0.40854E+02	0.62995E+02	0.67644E+03
156	0.26908E+00	0.17938E+01	-0.38951E+02	0.21150E+02	0.18404E+03	0.62864E+03
157	0.41798E+00	0.27866E+01	-0.31317E+02	0.18630E+02	0.28375E+03	0.56113E+03
158	0.53646E+00	0.35764E+01	-0.25971E+02	0.71606E+01	0.36167E+03	0.49554E+03
159	0.62618E+00	0.41746E+01	-0.13616E+02	-0.12935E+02	0.41896E+03	0.41201E+03
160	0.63686E+00	0.45790E+01	-0.12950E+02	-0.18553E+02	0.45890E+03	0.33397E+03
161	0.79496E+00	0.52997E+01	-0.65229E+01	-0.25713E+02	0.49657E+03	0.23850E+03
162	0.81719E+00	0.54479E+01	0.22747E+00	-0.25600E+02	0.47894E+03	0.16989E+03
163	0.93558E+00	0.62372E+01	0.13893E+01	-0.35731E+02	0.54736E+03	0.12144E+03
164	0.92514E+00	0.61676E+01	0.22852E+01	-0.62131E+02	0.53723E+03	0.88028E+02

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165	0.52165E+03	0.78031E+02	0.12158E+01	0.28024E+02	0.54639E+03	0.70888E+02
166	0.42545E+03	0.58446E+02	0.64733E+01	0.20848E+02	0.50754E+03	0.63998E+02
167	0.33881E+03	0.43265E+02	0.80420E+01	0.16651E+02	0.43336E+03	0.58321E+02
168	0.25990E+03	0.31488E+02	0.79085E+01	0.12448E+02	0.35733E+03	0.53527E+02
169	0.16665E+03	0.15837E+02	0.93528E+01	0.85646E+01	0.30622E+03	0.48177E+02
170	0.73950E+02	-0.12194E+01	0.12340E+02	0.41762E+01	0.27375E+03	0.42072E+02
171	-0.20451E+02	-0.17472E+02	0.14057E+02	-0.16917E+01	0.21459E+03	0.33568E+02
172	-0.76135E+02	-0.24799E+02	0.12780E+02	-0.76421E+01	0.13672E+03	0.24578E+02
173	-0.77169E+02	-0.20070E+02	0.79382E+01	-0.10957E+02	0.68392E+02	0.18519E+02
174	-0.46556E+02	-0.97844E+01	0.25066E+01	-0.11646E+02	0.19704E+02	0.14764E+02
175	-0.11033E+02	-0.98272E+00	-0.65766E+00	-0.91257E+01	0.72260E+01	0.13622E+02
176	0.18443E+01	0.12627E+01	-0.90360E+00	-0.66146E+01	0.13346E+02	0.13106E+02
177	0.31184E+01	0.93541E+00	-0.42013E+00	-0.46259E+01	0.17134E+02	0.10933E+02
178	0.10475E+01	0.15895E+00	-0.30218E-02	-0.32100E+01	0.13364E+02	0.79275E+01
179	-0.24684E+00	-0.10076E+00	0.54184E-01	-0.25365E+01	0.95051E+01	0.55974E+01
180	-0.18233E-01	-0.47144E-01	0.38298E-01	-0.18105E+01	0.55435E+01	0.33813E+01
181	-0.10043E+00	-0.92321E-01	0.66012E-01	-0.12253E+01	0.25184E+01	0.12075E+01
182	0.36462E+00	0.16933E+00	-0.99687E-01	-0.34693E+00	-0.53464E+00	-0.29102E-02

68A

000688

8622

TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9100E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.59118E-01	0.67199E-04	0.59481E-01	0.00000E+00
3	-0.11217E+00	-0.10940E-03	0.11219E+00	0.00000E+00
4	-0.12619E+00	-0.14404E-03	0.12599E+00	0.00000E+00
5	-0.14592E+00	0.93441E-05	0.14590E+00	0.00000E+00
6	-0.15983E+00	-0.38509E-05	0.15984E+00	0.00000E+00
7	-0.14617E+00	-0.10203E-02	0.14627E+00	0.00000E+00
8	-0.16026E+00	-0.78558E-03	0.16038E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.58479E-01	-0.58197E-03	0.58447E-01	0.00000E+00
11	-0.11129E+00	-0.13413E-02	0.11140E+00	0.00000E+00
12	-0.12575E+00	-0.16224E-02	0.12597E+00	0.00000E+00
13	-0.14653E+00	-0.14866E-02	0.14675E+00	0.00000E+00
14	-0.16129E+00	-0.11859E-02	0.16182E+00	0.00000E+00
15	-0.14754E+00	-0.25987E-02	0.14875E+00	0.00000E+00
16	-0.16300E+00	-0.19412E-02	0.16428E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.57434E-01	-0.10059E-02	0.58296E-01	0.00000E+00
19	-0.11070E+00	-0.24870E-02	0.11212E+00	0.00000E+00
20	-0.12608E+00	-0.30982E-02	0.12760E+00	0.00000E+00
21	-0.14859E+00	-0.29549E-02	0.15050E+00	0.00000E+00
22	-0.16543E+00	-0.23882E-02	0.16788E+00	0.00000E+00
23	-0.15003E+00	-0.40477E-02	0.15309E+00	0.00000E+00
24	-0.16881E+00	-0.29155E-02	0.17284E+00	0.00000E+00
25	-0.17079E+00	-0.37427E-02	0.17593E+00	0.00000E+00
26	-0.17197E+00	-0.38146E-02	0.17778E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.55845E-01	-0.79065E-03	0.56408E-01	0.00000E+00
29	-0.10696E+00	-0.23639E-02	0.11002E+00	0.00000E+00
30	-0.12533E+00	-0.33184E-02	0.12684E+00	0.00000E+00
31	-0.15070E+00	-0.41025E-02	0.15462E+00	0.00000E+00
32	-0.17316E+00	-0.36827E-02	0.17975E+00	0.00000E+00
33	-0.15069E+00	-0.41711E-02	0.15462E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.55314E-01	-0.46578E-03	0.55187E-01	0.00000E+00
36	-0.10819E+00	-0.16309E-02	0.10800E+00	0.00000E+00
37	-0.12463E+00	-0.23338E-02	0.12450E+00	0.00000E+00
38	-0.15063E+00	-0.33478E-02	0.15395E+00	0.00000E+00
39	-0.17469E+00	-0.40098E-02	0.18266E+00	0.00000E+00
40	-0.17433E+00	-0.39987E-02	0.18203E+00	0.00000E+00
41	-0.17407E+00	-0.39856E-02	0.18143E+00	0.00000E+00
42	-0.17374E+00	-0.39534E-02	0.18073E+00	0.00000E+00
43	-0.12296E+00	-0.78148E-03	0.11717E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.52979E-01	0.24020E-03	0.48188E-01	0.00000E+00
46	-0.10428E+00	0.68273E-04	0.94098E-01	0.00000E+00
47	-0.17476E+00	-0.40098E-02	0.18279E+00	0.00000E+00
48	-0.17479E+00	-0.40102E-02	0.18287E+00	0.00000E+00
49	-0.15055E+00	-0.30696E-02	0.15345E+00	0.00000E+00
50	-0.17490E+00	-0.40494E-02	0.18346E+00	0.00000E+00
51	-0.14836E+00	-0.16194E-02	0.14277E+00	0.00000E+00
52	-0.17093E+00	-0.46176E-02	0.16634E+00	0.00000E+00
53	-0.17468E+00	-0.40027E-02	0.18253E+00	0.00000E+00
54	-0.11993E+00	-0.47118E-03	0.10818E+00	0.00000E+00
55	-0.14455E+00	-0.15625E-02	0.13077E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

685

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000689

57	-0.49554E-01	0.11695E-02	0.33913E-01	0.00000E+00
58	-0.98315E-01	0.10039E-02	0.77403E-01	0.00000E+00
59	-0.16477E+00	-0.31561E-02	0.14982E+00	0.00000E+00
60	-0.16922E+00	-0.42281E-02	0.16123E+00	0.00000E+00
61	-0.17493E+00	-0.40319E-02	0.18381E+00	0.00000E+00
62	-0.11322E+00	0.10744E-02	0.68785E-01	0.00000E+00
63	-0.13523E+00	0.50120E-03	0.10611E+00	0.00000E+00
64	-0.17203E+00	-0.46918E-02	0.16764E+00	0.00000E+00
65	-0.17497E+00	-0.41129E-02	0.18415E+00	0.00000E+00
66	-0.17523E+00	-0.41736E-02	0.18484E+00	0.00000E+00
67	-0.17549E+00	-0.42321E-02	0.18554E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.47165E-01	0.13563E-02	0.30254E-01	0.00000E+00
70	-0.91422E-01	0.28681E-02	0.59553E-01	0.00000E+00
71	-0.15555E+00	-0.16347E-03	0.12238E+00	0.00000E+00
72	-0.17245E+00	-0.48605E-02	0.16454E+00	0.00000E+00
73	-0.12554E+00	0.30775E-02	0.82072E-01	0.00000E+00
74	-0.17818E+00	-0.52132E-02	0.16994E+00	0.00000E+00
75	-0.17572E+00	-0.42740E-02	0.18620E+00	0.00000E+00
76	-0.17714E+00	-0.43419E-02	0.18739E+00	0.00000E+00
77	-0.14364E+00	0.23298E-02	0.93801E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.44800E-01	0.21199E-02	0.22286E-01	0.00000E+00
80	-0.84980E-01	0.41303E-02	0.42227E-01	0.00000E+00
81	-0.96420E-01	0.51218E-02	0.48026E-01	0.00000E+00
82	-0.11427E+00	0.49387E-02	0.57468E-01	0.00000E+00
83	-0.17389E+00	-0.14460E-02	0.13787E+00	0.00000E+00
84	-0.15075E+00	0.29497E-02	0.83497E-01	0.00000E+00
85	-0.18014E+00	-0.44296E-02	0.18896E+00	0.00000E+00
86	-0.18457E+00	-0.50995E-02	0.17626E+00	0.00000E+00
87	-0.13073E+00	0.45911E-02	0.66797E-01	0.00000E+00
88	-0.18105E+00	-0.35157E-02	0.15794E+00	0.00000E+00
89	-0.18286E+00	-0.44976E-02	0.19049E+00	0.00000E+00
90	-0.93720E-01	0.32977E-02	0.22802E-01	0.00000E+00
91	-0.10225E+00	0.27327E-02	0.23650E-01	0.00000E+00
92	-0.10817E+00	0.20928E-02	0.25011E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.33005E-01	0.00000E+00	-0.34584E-02	0.00000E+00
95	-0.61262E-01	0.00000E+00	-0.57720E-02	0.00000E+00
96	-0.68097E-01	0.00000E+00	-0.62749E-02	0.00000E+00
97	-0.77023E-01	0.00000E+00	-0.52049E-02	0.00000E+00
98	-0.80588E-01	0.00000E+00	-0.44736E-02	0.00000E+00
99	-0.90174E-01	0.18875E-02	0.29596E-02	0.00000E+00
100	-0.11782E+00	0.21756E-02	0.34656E-01	0.00000E+00
101	-0.16660E+00	0.72580E-03	0.91346E-01	0.00000E+00
102	-0.19000E+00	-0.45565E-02	0.19272E+00	0.00000E+00
103	-0.18468E+00	-0.23667E-02	0.14615E+00	0.00000E+00
104	-0.19543E+00	-0.50985E-02	0.18447E+00	0.00000E+00
105	-0.19601E+00	-0.46035E-02	0.19478E+00	0.00000E+00
106	-0.19218E+00	-0.32328E-02	0.15215E+00	0.00000E+00
107	-0.20382E+00	-0.53864E-02	0.19054E+00	0.00000E+00
108	-0.20115E+00	-0.45983E-02	0.19667E+00	0.00000E+00
109	-0.20532E+00	-0.45750E-02	0.19833E+00	0.00000E+00
110	-0.20244E+00	-0.47436E-02	0.15939E+00	0.00000E+00
111	-0.21012E+00	-0.58367E-02	0.19514E+00	0.00000E+00
112	-0.20873E+00	-0.45215E-02	0.19977E+00	0.00000E+00
113	-0.20644E+00	-0.46892E-02	0.16851E+00	0.00000E+00
114	-0.21129E+00	-0.44342E-02	0.20091E+00	0.00000E+00
115	-0.21307E+00	-0.43333E-02	0.20179E+00	0.00000E+00
116	-0.21389E+00	-0.42269E-02	0.20233E+00	0.00000E+00

686

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000690

117	-0.21270E+00	-0.57073E-02	0.19732E+00	0.00000E+00
118	-0.21393E+00	-0.41739E-02	0.20250E+00	0.00000E+00
119	-0.21385E+00	-0.40775E-02	0.20260E+00	0.00000E+00
120	-0.21419E+00	-0.54518E-02	0.19907E+00	0.00000E+00
121	-0.21365E+00	-0.39419E-02	0.20263E+00	0.00000E+00
122	-0.21364E+00	-0.38196E-02	0.20284E+00	-0.30276E-04
123	-0.21355E+00	-0.35536E-02	0.20300E+00	-0.55199E-04
124	-0.21338E+00	-0.31208E-02	0.20317E+00	-0.85570E-04
125	-0.21309E+00	-0.24757E-02	0.20333E+00	-0.12484E-03
126	-0.21236E+00	-0.90402E-03	0.20361E+00	-0.18083E-03
127	-0.21143E+00	0.10653E-02	0.20388E+00	-0.20592E-03
128	-0.20942E+00	0.55927E-02	0.20443E+00	-0.19183E-03
129	-0.20788E+00	0.92704E-02	0.20493E+00	-0.13799E-03
130	-0.20690E+00	0.11869E-01	0.20548E+00	-0.63400E-04
131	-0.20680E+00	0.12349E-01	0.20632E+00	0.28680E-04
132	-0.20754E+00	0.10090E-01	0.20707E+00	0.62336E-04
133	-0.20830E+00	0.73906E-02	0.20775E+00	0.54424E-04
134	-0.20875E+00	0.54372E-02	0.20830E+00	0.36172E-04
135	-0.20901E+00	0.41208E-02	0.20874E+00	0.27743E-04
136	-0.20919E+00	0.28617E-02	0.20906E+00	0.29927E-04
137	-0.20930E+00	0.15879E-02	0.20926E+00	0.29658E-04
138	-0.20937E+00	0.24027E-03	0.20937E+00	0.30970E-04
139	-0.20937E+00	0.29548E-04	0.20937E+00	0.29606E-04

687

5628

000691

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9100E+01

68B

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.71202E-01	-0.40523E-01	0.47697E-01	-0.72112E+01	-0.52141E-01	0.72264E+01
2	0.18782E+00	-0.42379E-01	0.10655E+00	-0.65417E+01	-0.86995E-01	0.65320E+01
3	0.28180E+00	-0.35564E-01	0.10134E+00	-0.54286E+01	-0.72424E-01	0.54484E+01
4	-0.23259E+00	-0.75610E-01	-0.18907E+00	-0.44605E+01	0.88919E-01	0.45230E+01
5	0.14684E+00	0.77083E-02	0.30316E-01	-0.45102E+01	-0.82393E-02	0.46626E+01
6	-0.19033E+00	-0.31293E-02	-0.23462E-01	-0.45858E+01	0.68063E-01	0.46508E+01
7	-0.19754E+00	-0.22302E-01	-0.37978E-01	-0.33012E+01	0.64747E-01	0.33047E+01
8	-0.39132E+00	-0.21947E-01	-0.83578E-01	-0.33110E+01	0.14459E+00	0.34062E+01
9	-0.10639E+00	-0.38028E+00	-0.16507E+00	-0.70997E+01	-0.16336E-01	0.71545E+01
10	-0.53264E-01	-0.45202E+00	-0.11834E+00	-0.65429E+01	-0.80903E-02	0.65941E+01
11	-0.52162E-01	-0.41681E+00	0.73928E-01	-0.56709E+01	0.96324E-01	0.57270E+01
12	-0.80600E+00	-0.38250E+00	-0.35622E+00	-0.47024E+01	0.31828E+00	0.46489E+01
13	-0.15049E+00	-0.19385E+00	0.27429E-01	-0.48177E+01	0.87453E-01	0.49058E+01
14	-0.71221E+00	-0.26996E+00	-0.18008E+00	-0.49409E+01	0.24064E+00	0.51052E+01
15	-0.91035E+00	-0.10409E+00	-0.20156E+00	-0.35552E+01	0.34369E+00	0.35605E+01
16	-0.10109E+01	-0.99577E-01	-0.19847E+00	-0.36972E+01	0.39511E+00	0.38156E+01
17	-0.36576E-01	-0.37590E+00	-0.13459E+00	-0.69145E+01	-0.81981E-01	0.70234E+01
18	0.12529E+00	-0.49899E+00	-0.66231E-01	-0.64887E+01	-0.17985E+00	0.66164E+01
19	0.33922E+00	-0.60353E+00	0.13670E+00	-0.58372E+01	-0.29762E+00	0.60928E+01
20	-0.10766E+01	-0.49423E+00	-0.37635E+00	-0.50739E+01	0.37751E+00	0.51034E+01
21	-0.62425E-01	-0.55230E+00	-0.42900E-01	-0.52836E+01	-0.13932E+00	0.57301E+01
22	-0.10267E+01	-0.11317E+01	-0.61315E+00	-0.54958E+01	0.17891E+00	0.61390E+01
23	-0.13664E+01	-0.12376E+00	-0.27583E+00	-0.41424E+01	0.56717E+00	0.42836E+01
24	-0.27026E+01	-0.76587E+00	-0.98847E+00	-0.45068E+01	0.97379E+00	0.45506E+01
25	-0.13051E+01	-0.44538E+00	-0.29471E+00	-0.46801E+01	0.47570E+00	0.51918E+01
26	-0.38308E+01	-0.20197E+01	-0.13771E+01	-0.49429E+01	0.11784E+01	0.57501E+01
27	0.84020E-01	-0.19647E+00	-0.37631E-01	-0.67542E+01	-0.14862E+00	0.68272E+01
28	0.30002E+00	-0.34726E+00	0.31681E-02	-0.63506E+01	-0.39607E+00	0.65354E+01
29	0.86281E+00	-0.47555E+00	0.18539E+00	-0.56141E+01	-0.10711E+01	0.62261E+01
30	-0.28953E+00	-0.63773E+00	-0.11544E+00	-0.55233E+01	-0.91787E-01	0.61313E+01
31	0.28886E+00	-0.72781E+00	-0.35968E-01	-0.52912E+01	-0.71178E+00	0.63752E+01
32	-0.38376E+00	-0.90109E+00	-0.33107E+00	-0.51465E+01	-0.45745E+00	0.64714E+01
33	-0.29165E+01	-0.15430E+01	-0.13437E+01	-0.53979E+01	0.70241E+00	0.60540E+01
34	-0.69175E+01	-0.42303E+01	-0.39708E+01	-0.56558E+01	0.16591E+01	0.65702E+01
35	-0.12810E+01	-0.46825E+00	-0.20223E+00	-0.56438E+01	0.52949E+00	0.65687E+01
36	0.55410E+00	0.36100E+00	0.75149E+00	-0.52235E+01	-0.52980E+00	0.67850E+01
37	-0.21269E+01	-0.17193E+01	-0.10559E+01	-0.58050E+01	0.56993E+00	0.70130E+01
38	0.33868E+00	0.14754E+00	0.12667E+00	-0.65932E+01	-0.22098E+00	0.63184E+01
39	0.68400E+00	0.83270E-01	0.96153E-01	-0.62817E+01	-0.65684E+00	0.60418E+01
40	0.11226E+01	-0.33100E+00	0.77267E-02	-0.55944E+01	-0.19666E+01	0.61207E+01
41	0.15980E+01	0.50290E+00	0.78822E-01	-0.58939E+01	-0.17355E+01	0.59423E+01
42	0.21705E+01	0.79814E-01	-0.19017E+00	-0.56525E+01	-0.21878E+01	0.51762E+01
43	0.80985E+00	0.10834E-01	0.33408E+00	-0.53300E+01	-0.11341E+01	0.65084E+01
44	0.13828E+01	0.22512E+00	0.45088E+00	-0.52411E+01	-0.18738E+01	0.55906E+01
45	0.23193E+01	0.69245E+00	0.68272E+00	-0.54954E+01	-0.18002E+01	0.55757E+01
46	0.11704E+01	-0.30411E+00	-0.27548E+00	-0.52819E+01	-0.12673E+01	0.49158E+01
47	-0.55625E+00	-0.78131E+00	-0.11496E+00	-0.55154E+01	-0.36894E+00	0.70854E+01
48	0.29459E+00	-0.33201E+00	0.45967E+00	-0.58286E+01	-0.46539E+00	0.71606E+01
49	0.92005E+00	-0.27479E+00	0.49433E+00	-0.57385E+01	-0.14906E+01	0.76235E+01
50	0.52090E+01	0.12823E+01	0.25440E+01	-0.49582E+01	-0.40329E+01	0.51903E+01
51	0.10643E+01	0.72053E+00	0.13312E+01	-0.24097E+00	-0.51635E+00	0.13949E+01
52	0.18574E+01	0.49843E-01	0.11190E+01	0.15416E+01	-0.22358E+01	-0.68589E+01
53	0.20151E+01	-0.54636E+00	-0.51080E-01	-0.44750E+01	-0.20327E+01	0.45158E+01
54	0.73711E+00	0.72911E+00	0.43635E+00	-0.62505E+01	-0.27930E+00	0.53174E+01

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55	0.11955E+01	0.45905E+00	0.16759E+00	-0.60284E+01	-0.77137E+00	0.51483E+01
56	0.23456E+01	0.31425E+00	-0.55327E+00	-0.54198E+01	-0.21266E+01	0.46547E+01
57	0.19834E+01	0.24235E+00	-0.11893E+00	-0.49007E+01	-0.15480E+01	0.43265E+01
58	0.21648E+01	0.73481E-01	-0.26862E+00	-0.41674E+01	-0.18419E+01	0.33465E+01
59	0.37580E+00	0.65956E+00	0.27995E+00	-0.60932E+01	0.47927E-01	0.47510E+01
60	0.13855E+01	0.13227E+01	0.76094E+00	-0.57503E+01	-0.51987E+00	0.36873E+01
61	0.11179E+01	0.11026E+01	0.47808E+00	-0.57086E+01	-0.43789E+00	0.36848E+01
62	0.71796E+00	0.12361E+01	0.55874E+00	-0.54755E+01	0.79607E-01	0.27163E+01
63	0.14100E+01	0.87297E+00	0.19292E+00	-0.55906E+01	-0.71478E+00	0.41223E+01
64	0.15590E+01	0.13436E+01	0.29329E+00	-0.50358E+01	-0.61754E+00	0.29807E+01
65	0.25622E+01	0.59229E+00	-0.81253E+00	-0.51906E+01	-0.19416E+01	0.41300E+01
66	0.32087E+01	0.91335E+00	-0.89364E+00	-0.46150E+01	-0.21696E+01	0.31751E+01
67	0.25476E+01	0.13850E+01	-0.10820E+01	-0.40095E+01	-0.16712E+01	0.20406E+01
68	0.25578E+01	0.62104E+00	-0.13573E+00	-0.45575E+01	-0.15804E+01	0.37288E+01
69	0.21980E+01	0.73329E+00	-0.33341E+00	-0.43147E+01	-0.12284E+01	0.29181E+01
70	0.32156E+01	0.11338E+01	0.20657E-01	-0.37067E+01	-0.15111E+01	0.19907E+01
71	0.26692E+01	0.48701E+00	-0.38069E+00	-0.39367E+01	-0.16932E+01	0.30124E+01
72	0.30627E+01	0.72973E+00	-0.40775E+00	-0.35651E+01	-0.15489E+01	0.22333E+01
73	0.69919E+00	0.74204E+00	0.24908E+00	-0.47741E+01	-0.11905E+00	0.11463E+01
74	0.11062E+01	0.70085E+00	-0.21408E+00	-0.42396E+01	-0.34137E+00	0.10649E+01
75	0.22287E+01	0.68410E+00	-0.15238E+01	-0.35201E+01	-0.95334E+00	0.93428E+00
76	0.26130E+01	0.75249E+00	-0.45401E+00	-0.39391E+01	-0.85922E+00	0.19969E+01
77	0.19000E+01	0.99199E+00	-0.53753E+00	-0.25942E+01	-0.57141E+00	0.39118E+00
78	0.18563E+01	0.40922E+00	-0.83326E+00	-0.20767E+01	-0.59241E+00	0.22281E+00
79	0.31379E+01	0.81569E+00	-0.40673E+00	-0.27835E+01	-0.97586E+00	0.10616E+01
80	0.34448E+01	0.96271E+00	-0.18113E+00	-0.19275E+01	-0.57329E+00	0.15967E+00
81	0.18195E+01	0.43008E+00	-0.94620E+00	-0.10677E+01	-0.55436E+00	0.42680E-01
82	0.20593E+01	0.49757E+00	-0.81534E+00	-0.92614E+00	-0.51919E+00	0.15344E+00
83	0.30753E+01	0.48256E+00	-0.62460E+00	-0.17227E+01	-0.53628E+00	0.35788E+00
84	0.37956E+01	0.39288E+00	-0.29319E+00	-0.18847E+01	-0.10906E+01	0.32847E+00
85	0.43211E+01	0.66814E+00	-0.26857E+00	-0.27336E+01	-0.13960E+01	0.14832E+01
86	0.42551E+01	0.68042E+00	-0.44593E+00	-0.21824E+01	-0.13403E+01	0.10405E+01
87	0.29764E+01	0.40839E+00	-0.79984E+00	-0.27814E+01	-0.15711E+01	0.13749E+01
88	0.31629E+01	0.44698E+00	-0.46794E+00	-0.30273E+01	-0.20013E+01	0.24237E+01
89	0.34431E+01	0.52228E+00	-0.39181E+00	-0.26930E+01	-0.21390E+01	0.22481E+01
90	0.36667E+01	0.34260E+00	-0.70209E+00	-0.19274E+01	-0.22501E+01	0.10569E+01
91	0.40289E+01	0.88230E+00	-0.18116E+00	-0.19256E+01	-0.24161E+01	0.16497E+01
92	0.39282E+01	0.77631E+00	-0.32702E+00	-0.14034E+01	-0.23935E+01	0.11718E+01
93	0.24090E+01	-0.97558E+00	-0.52051E-01	-0.32487E+01	-0.23575E+01	0.36676E+01
94	0.26582E+01	0.27798E+00	0.26877E+00	-0.32535E+01	-0.21388E+01	0.34994E+01
95	0.17907E+01	0.97405E+00	0.32114E+00	-0.23910E+01	-0.20833E+01	0.26667E+01
96	0.22760E+01	0.19736E+00	-0.30198E+00	-0.33353E+01	-0.19988E+01	0.29754E+01
97	0.15287E+01	0.62020E+00	0.20020E-01	-0.27499E+01	-0.20638E+01	0.23189E+01
98	0.19371E+01	0.44536E+00	-0.33839E+00	-0.23166E+01	-0.19392E+01	0.22141E+01
99	0.19846E+01	-0.25899E+00	-0.88654E+00	-0.26709E+01	-0.18822E+01	0.22861E+01
100	0.16352E+01	-0.83051E-01	-0.74891E+00	-0.19931E+01	-0.19136E+01	0.17115E+01
101	0.20618E+01	0.35973E+00	-0.30875E+00	-0.15714E+01	-0.19489E+01	0.13424E+01
102	0.15780E+01	-0.19456E+00	-0.11530E+01	-0.15532E+01	-0.18554E+01	0.13189E+01
103	0.11803E+01	0.28286E+00	-0.71848E+00	-0.61832E+00	-0.17639E+01	0.70132E+00
104	0.12735E+01	0.42455E+00	-0.62714E+00	-0.26809E+00	-0.17629E+01	0.51437E+00
105	0.25445E+01	-0.48829E-01	0.60043E+00	-0.28933E+01	-0.28673E+01	0.53644E+01
106	0.40056E+01	0.23475E+01	0.28478E+01	-0.24578E+00	-0.30762E+01	0.16230E+01
107	0.30648E+01	0.16191E+01	0.20323E+01	-0.15480E+01	-0.29561E+01	0.23705E+01
108	0.24760E+01	0.14384E+01	0.16782E+01	-0.16039E+01	-0.28426E+01	0.23960E+01
109	0.21487E+01	0.11419E+01	0.15928E+01	-0.66520E+00	-0.28486E+01	0.16320E+01
110	0.12914E+00	-0.39803E+00	-0.32537E-01	-0.22890E+01	-0.26250E+01	0.25142E+01
111	-0.72232E+00	-0.53661E+00	-0.22947E+00	-0.16586E+01	-0.24679E+01	0.14062E+01
112	-0.76927E+00	-0.62905E+00	-0.30443E+00	-0.25600E+01	-0.24539E+01	0.13943E+01
113	-0.10615E+01	-0.63523E+00	-0.84993E+00	-0.26937E+01	-0.20863E+01	0.26856E+01
114	-0.13336E+01	-0.98523E+00	-0.73777E+00	-0.22863E+01	-0.19951E+01	0.13616E+01

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115	-0.14513E+01	-0.10515E+01	-0.95312E+00	-0.39530E+01	-0.19437E+01	0.13233E+01
116	-0.54028E+00	-0.53455E+00	-0.79788E+00	-0.30276E+01	-0.15407E+01	0.23388E+01
117	0.72367E-02	-0.18613E+00	-0.29577E+00	-0.33174E+01	-0.13160E+01	0.12374E+01
118	-0.12200E+00	-0.25924E+00	-0.54581E+00	-0.28520E+01	-0.12556E+01	0.11461E+01
119	-0.57052E-02	-0.56720E+00	-0.86657E+00	-0.23468E+01	-0.10137E+01	0.17640E+01
120	0.43499E+00	0.54862E-01	-0.38635E+00	-0.23691E+01	-0.84697E+00	0.10214E+01
121	0.34785E+00	0.58692E-03	-0.54988E+00	-0.19878E+01	-0.80876E+00	0.89803E+00
122	-0.19431E+00	-0.92945E+00	-0.12756E+01	-0.18540E+01	-0.64250E+00	0.13704E+01
123	-0.14596E-01	-0.23791E+00	-0.91016E+00	-0.15489E+01	-0.49248E+00	0.74583E+00
124	-0.60333E-01	-0.26858E+00	-0.99374E+00	-0.11494E+01	-0.47356E+00	0.60065E+00
125	0.16879E+00	-0.20987E+00	-0.93884E+00	-0.89192E+00	-0.42387E+00	0.71629E+00
126	-0.82956E-01	-0.29147E+00	-0.10490E+01	-0.64750E+00	-0.35682E+00	0.40923E+00
127	-0.89000E-01	-0.29737E+00	-0.10577E+01	-0.23808E+00	-0.35549E+00	0.29978E+00
128	-0.62216E+00	-0.64631E+00	-0.14177E+01	-0.39687E+00	-0.28125E+00	0.39548E+00
129	-0.14016E+01	-0.11087E+01	-0.18842E+01	-0.95460E-01	-0.16691E+00	0.12803E+00
183	0.31728E+01	-0.23531E+00	0.78489E+00	-0.46483E+01	-0.30254E+01	0.51861E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9100E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.41158E+00	0.27438E+01	-0.23323E+01	-0.78791E+02	0.11129E+02	0.34396E+02
131	-0.19797E-01	-0.13198E+00	0.11218E+00	-0.18739E+03	0.12307E+02	0.98043E+02
132	0.10644E+00	0.70957E+00	-0.60313E+00	-0.31290E+03	0.20173E+02	0.16801E+03
133	0.77745E-02	0.51830E-01	-0.44055E-01	-0.45219E+03	0.29292E+02	0.24615E+03
134	0.23501E-01	0.15667E+00	-0.13317E+00	-0.60875E+03	0.40556E+02	0.34055E+03
135	0.18450E+00	0.12300E+01	-0.10455E+01	-0.72230E+03	0.52830E+02	0.42586E+03
136	-0.24409E-01	-0.16273E+00	0.13832E+00	-0.81964E+03	0.56514E+02	0.48612E+03
137	-0.12319E+00	-0.82124E+00	0.69805E+00	-0.81848E+03	0.71333E+02	0.51262E+03
138	0.79430E+00	0.52954E+01	-0.37995E+01	-0.84136E+03	0.18133E+03	0.55438E+03
139	0.41994E+00	0.27996E+01	0.15250E-01	-0.82200E+03	0.40374E+03	0.58323E+03
140	-0.10814E+01	-0.72093E+01	0.61279E+01	-0.10354E+04	0.48976E+03	0.66208E+03
141	-0.10714E+01	-0.71429E+01	0.60715E+01	-0.10382E+04	0.50013E+03	0.70418E+03
142	-0.12381E+01	-0.82541E+01	0.70160E+01	-0.10850E+04	0.50097E+03	0.74940E+03
143	-0.12765E+01	-0.85117E+01	0.72350E+01	0.37431E+03	0.71720E+03	-0.68178E+03
144	-0.13414E+01	-0.89426E+01	0.76014E+01	0.36952E+03	0.69673E+03	-0.64719E+03
145	0.12956E+01	0.86374E+01	-0.91823E+01	-0.12747E+03	0.52367E+03	-0.14723E+04
146	0.54317E+00	0.36211E+01	-0.70417E+01	-0.19303E+03	0.39017E+03	-0.12624E+04
147	0.56268E+00	0.37512E+01	-0.69599E+01	-0.17945E+03	0.40726E+03	-0.12445E+04
148	0.58567E+00	0.39045E+01	0.13833E+01	-0.17137E+03	0.42621E+03	-0.12477E+04
149	0.61261E+00	0.40841E+01	0.12871E+01	-0.15925E+03	0.44882E+03	-0.12701E+04
150	0.71076E+00	0.47384E+01	0.18645E+00	-0.93686E+02	0.49722E+03	-0.12359E+04
151	0.85823E+00	0.57215E+01	0.29063E+02	-0.67154E+02	0.56681E+03	-0.12648E+04
152	0.78930E+00	0.52620E+01	0.52769E+02	-0.69477E+02	0.52012E+03	-0.12549E+04
153	0.68096E+00	0.45397E+01	0.46861E+02	-0.46718E+02	0.45071E+03	-0.12270E+04
154	0.42817E+00	0.28545E+01	0.90807E+02	-0.23735E+02	0.28625E+03	-0.11931E+04
155	0.61399E-01	0.40933E+00	0.75311E+02	-0.47170E+02	0.34195E+02	-0.11163E+04
156	-0.23598E+00	-0.15732E+01	0.63930E+02	-0.18379E+02	-0.16138E+03	-0.10344E+04
157	-0.47433E+00	-0.31622E+01	0.51260E+02	-0.22155E+02	-0.32219E+03	-0.91984E+03
158	-0.66244E+00	-0.44163E+01	0.42373E+02	-0.67363E+01	-0.44629E+03	-0.80849E+03
159	-0.80297E+00	-0.53531E+01	0.30142E+02	0.17054E+02	-0.53718E+03	-0.66755E+03
160	-0.89612E+00	-0.59741E+01	0.20940E+02	0.23290E+02	-0.59885E+03	-0.53603E+03
161	-0.10427E+01	-0.69510E+01	0.10123E+02	0.25303E+02	-0.65256E+03	-0.37597E+03
162	-0.10692E+01	-0.71279E+01	-0.66988E+00	0.23143E+02	-0.62818E+03	-0.26135E+03
163	-0.12177E+01	-0.81182E+01	-0.23654E+01	0.40928E+02	-0.71327E+03	-0.18240E+03
164	-0.11960E+01	-0.79732E+01	-0.38681E+01	0.68856E+02	-0.69623E+03	-0.12576E+03

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165	-0.65280E+03	-0.97346E+02	-0.18217E+01	-0.29137E+02	-0.70244E+03	-0.99188E+02
166	-0.52767E+03	-0.72263E+02	-0.83135E+01	-0.20247E+02	-0.65226E+03	-0.90229E+02
167	-0.41795E+03	-0.53132E+02	-0.10156E+02	-0.15147E+02	-0.55675E+03	-0.82866E+02
168	-0.31902E+03	-0.38506E+02	-0.98938E+01	-0.10030E+02	-0.45904E+03	-0.76677E+02
169	-0.20367E+03	-0.19203E+02	-0.11619E+02	-0.53551E+01	-0.39375E+03	-0.69801E+02
170	-0.89736E+02	0.17402E+01	-0.15269E+02	-0.93875E-01	-0.35314E+03	-0.61954E+02
171	0.26501E+02	0.21712E+02	-0.17340E+02	0.69132E+01	-0.27946E+03	-0.50990E+02
172	0.94319E+02	0.30575E+02	-0.15720E+02	0.13930E+02	-0.18272E+03	-0.39190E+02
173	0.94906E+02	0.24643E+02	-0.97477E+01	0.17698E+02	-0.97125E+02	-0.30998E+02
174	0.58021E+02	0.12072E+02	-0.30309E+01	0.18154E+02	-0.35557E+02	-0.25414E+02
175	0.13866E+02	0.11309E+01	0.90793E+00	0.14569E+02	-0.17718E+02	-0.23000E+02
176	-0.24377E+01	-0.17117E+01	0.12224E+01	0.11024E+02	-0.24019E+02	-0.21560E+02
177	-0.42671E+01	-0.12759E+01	0.56419E+00	0.79367E+01	-0.27844E+02	-0.17770E+02
178	-0.14127E+01	-0.20682E+00	-0.66375E-02	0.55433E+01	-0.21213E+02	-0.12853E+02
179	0.37985E+00	0.13168E+00	-0.56252E-01	0.43231E+01	-0.15150E+02	-0.91083E+01
180	-0.27475E-01	0.50306E-01	-0.48310E-01	0.30475E+01	-0.89337E+01	-0.55248E+01
181	0.14456E+00	0.14016E+00	-0.10235E+00	0.20347E+01	-0.40919E+01	-0.19818E+01
182	-0.60291E+00	-0.28000E+00	0.16484E+00	0.56831E+00	0.85936E+00	0.21975E-03

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9200E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT.	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.44305E-01	-0.40427E-04	-0.44707E-01	0.00000E+00
3	0.83389E-01	0.19954E-03	-0.83412E-01	0.00000E+00
4	0.93402E-01	0.22331E-03	-0.93152E-01	0.00000E+00
5	0.10717E+00	0.15443E-04	-0.10714E+00	0.00000E+00
6	0.11656E+00	0.68622E-05	-0.11657E+00	0.00000E+00
7	0.10727E+00	0.93678E-03	-0.10730E+00	0.00000E+00
8	0.11685E+00	0.78646E-03	-0.11692E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.43459E-01	0.43774E-03	-0.43331E-01	0.00000E+00
11	0.82247E-01	0.11114E-02	-0.82234E-01	0.00000E+00
12	0.92705E-01	0.13683E-02	-0.92755E-01	0.00000E+00
13	0.10740E+00	0.13101E-02	-0.10748E+00	0.00000E+00
14	0.11754E+00	0.11244E-02	-0.11787E+00	0.00000E+00
15	0.10799E+00	0.19939E-02	-0.10876E+00	0.00000E+00
16	0.11869E+00	0.15787E-02	-0.11952E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.42387E-01	0.62562E-03	-0.42937E-01	0.00000E+00
19	0.81410E-01	0.16757E-02	-0.82309E-01	0.00000E+00
20	0.92580E-01	0.21124E-02	-0.93493E-01	0.00000E+00
21	0.10850E+00	0.20622E-02	-0.10979E+00	0.00000E+00
22	0.12036E+00	0.17203E-02	-0.12194E+00	0.00000E+00
23	0.10940E+00	0.24600E-02	-0.11144E+00	0.00000E+00
24	0.12261E+00	0.16786E-02	-0.12532E+00	0.00000E+00
25	0.12394E+00	0.19934E-02	-0.12744E+00	0.00000E+00
26	0.12475E+00	0.19115E-02	-0.12871E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.41138E-01	0.25959E-03	-0.41275E-01	0.00000E+00
29	0.79937E-01	0.10951E-02	-0.80320E-01	0.00000E+00
30	0.91807E-01	0.16469E-02	-0.92474E-01	0.00000E+00
31	0.10979E+00	0.20903E-02	-0.11228E+00	0.00000E+00
32	0.12555E+00	0.16545E-02	-0.13006E+00	0.00000E+00
33	0.10977E+00	0.20700E-02	-0.11223E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.40774E-01	-0.53858E-06	-0.40340E-01	0.00000E+00
36	0.79370E-01	0.48813E-03	-0.78757E-01	0.00000E+00
37	0.91218E-01	0.85196E-03	-0.90662E-01	0.00000E+00
38	0.10969E+00	0.14512E-02	-0.11170E+00	0.00000E+00
39	0.12658E+00	0.18365E-02	-0.13206E+00	0.00000E+00
40	0.12638E+00	0.18343E-02	-0.13163E+00	0.00000E+00
41	0.12617E+00	0.18285E-02	-0.13121E+00	0.00000E+00
42	0.12594E+00	0.18133E-02	-0.13074E+00	0.00000E+00
43	0.89943E-01	-0.28340E-03	-0.85197E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.39147E-01	-0.51669E-03	-0.35039E-01	0.00000E+00
46	0.76469E-01	-0.71429E-03	-0.63328E-01	0.00000E+00
47	0.12664E+00	0.18384E-02	-0.13215E+00	0.00000E+00
48	0.12665E+00	0.18387E-02	-0.13221E+00	0.00000E+00
49	0.10963E+00	0.12682E-02	-0.11132E+00	0.00000E+00
50	0.12673E+00	0.18620E-02	-0.13264E+00	0.00000E+00
51	0.10795E+00	0.23019E-03	-0.10350E+00	0.00000E+00
52	0.12377E+00	0.23113E-02	-0.12028E+00	0.00000E+00
53	0.12658E+00	0.18349E-02	-0.13196E+00	0.00000E+00
54	0.87629E-01	-0.42802E-03	-0.78494E-01	0.00000E+00
55	0.10507E+00	0.29780E-03	-0.94652E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.36334E-01	-0.10110E-02	-0.28240E-01	0.00000E+00
58	0.71917E-01	-0.10140E-02	-0.55962E-01	0.00000E+00
59	0.11917E+00	0.14721E-02	-0.10818E+00	0.00000E+00
60	0.12251E+00	0.20505E-02	-0.11658E+00	0.00000E+00
61	0.12675E+00	0.18826E-02	-0.13289E+00	0.00000E+00
62	0.82463E-01	-0.10938E-02	-0.64065E-01	0.00000E+00
63	0.97960E-01	-0.63492E-03	-0.76350E-01	0.00000E+00
64	0.12453E+00	0.23634E-02	-0.12120E+00	0.00000E+00
65	0.12678E+00	0.19022E-02	-0.13313E+00	0.00000E+00
66	0.12696E+00	0.19408E-02	-0.13363E+00	0.00000E+00
67	0.12714E+00	0.19783E-02	-0.13413E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.34636E-01	-0.92385E-03	-0.22112E-01	0.00000E+00
70	0.66644E-01	-0.19444E-02	-0.43322E-01	0.00000E+00
71	0.11204E+00	-0.91655E-04	-0.87848E-01	0.00000E+00
72	0.12475E+00	0.25000E-02	-0.11893E+00	0.00000E+00
73	0.90542E-01	-0.19421E-02	-0.59063E-01	0.00000E+00
74	0.12870E+00	0.27663E-02	-0.12277E+00	0.00000E+00
75	0.12729E+00	0.20042E-02	-0.13460E+00	0.00000E+00
76	0.12827E+00	0.20472E-02	-0.13545E+00	0.00000E+00
77	0.10307E+00	-0.12922E-02	-0.67063E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.32727E-01	-0.13166E-02	-0.16714E-01	0.00000E+00
80	0.61549E-01	-0.24532E-02	-0.31145E-01	0.00000E+00
81	0.69637E-01	-0.30291E-02	-0.35201E-01	0.00000E+00
82	0.82149E-01	-0.28052E-02	-0.41617E-01	0.00000E+00
83	0.12459E+00	0.95634E-03	-0.98722E-01	0.00000E+00
84	0.10746E+00	-0.12887E-02	-0.59067E-01	0.00000E+00
85	0.13032E+00	0.21038E-02	-0.13658E+00	0.00000E+00
86	0.13304E+00	0.27422E-02	-0.12725E+00	0.00000E+00
87	0.93510E-01	-0.24803E-02	-0.47783E-01	0.00000E+00
88	0.13012E+00	0.19915E-02	-0.11363E+00	0.00000E+00
89	0.13217E+00	0.21490E-02	-0.13767E+00	0.00000E+00
90	0.67302E-01	-0.19480E-02	-0.17241E-01	0.00000E+00
91	0.73317E-01	-0.15121E-02	-0.18009E-01	0.00000E+00
92	0.77486E-01	-0.10444E-02	-0.18994E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.23547E-01	0.00000E+00	0.23409E-02	0.00000E+00
95	0.43885E-01	0.00000E+00	0.35869E-02	0.00000E+00
96	0.48852E-01	0.00000E+00	0.37871E-02	0.00000E+00
97	0.35335E-01	0.00000E+00	0.29049E-02	0.00000E+00
98	0.57974E-01	0.00000E+00	0.23434E-02	0.00000E+00
99	0.64777E-01	-0.10991E-02	-0.80816E-02	0.00000E+00
100	0.84234E-01	-0.10147E-02	-0.25670E-01	0.00000E+00
101	0.11839E+00	0.32588E-03	-0.64275E-01	0.00000E+00
102	0.13704E+00	0.21902E-02	-0.13926E+00	0.00000E+00
103	0.13193E+00	0.17020E-02	-0.10450E+00	0.00000E+00
104	0.14047E+00	0.28389E-02	-0.13308E+00	0.00000E+00
105	0.14111E+00	0.22259E-02	-0.14072E+00	0.00000E+00
106	0.13709E+00	0.24013E-02	-0.10872E+00	0.00000E+00
107	0.14609E+00	0.31623E-02	-0.13738E+00	0.00000E+00
108	0.14459E+00	0.22290E-02	-0.14207E+00	0.00000E+00
109	0.14739E+00	0.22229E-02	-0.14525E+00	0.00000E+00
110	0.14417E+00	0.36056E-02	-0.11392E+00	0.00000E+00
111	0.15036E+00	0.36004E-02	-0.14065E+00	0.00000E+00
112	0.14973E+00	0.21985E-02	-0.14428E+00	0.00000E+00
113	0.14711E+00	0.35167E-02	-0.12068E+00	0.00000E+00
114	0.15140E+00	0.21525E-02	-0.14510E+00	0.00000E+00
115	0.15259E+00	0.20985E-02	-0.14573E+00	0.00000E+00
116	0.15313E+00	0.20421E-02	-0.14613E+00	0.00000E+00

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117	0.15207E+00	0.36306E-02	-0.14223E+00	0.00000E+00
118	0.15315E+00	0.20145E-02	-0.14625E+00	0.00000E+00
119	0.15309E+00	0.19595E-02	-0.14635E+00	0.00000E+00
120	0.15305E+00	0.36202E-02	-0.14357E+00	0.00000E+00
121	0.15294E+00	0.13827E-02	-0.14640E+00	0.00000E+00
122	0.15294E+00	0.13135E-02	-0.14653E+00	0.17051E-04
123	0.15289E+00	0.16637E-02	-0.14663E+00	0.31009E-04
124	0.15280E+00	0.14207E-02	-0.14674E+00	0.47924E-04
125	0.15264E+00	0.10598E-02	-0.14685E+00	0.69643E-04
126	0.15223E+00	0.18568E-03	-0.14702E+00	0.10019E-03
127	0.15172E+00	-0.90239E-03	-0.14720E+00	0.11334E-03
128	0.15062E+00	-0.33737E-02	-0.14755E+00	0.10363E-03
129	0.14981E+00	-0.53394E-02	-0.14788E+00	0.72650E-04
130	0.14930E+00	-0.66741E-02	-0.14824E+00	0.30999E-04
131	0.14933E+00	-0.67325E-02	-0.14879E+00	-0.20800E-04
132	0.14980E+00	-0.52811E-02	-0.14929E+00	-0.38890E-04
133	0.15027E+00	-0.36179E-02	-0.14974E+00	-0.33211E-04
134	0.15053E+00	-0.24872E-02	-0.15011E+00	-0.19530E-04
135	0.15065E+00	-0.18935E-02	-0.15041E+00	-0.11777E-04
136	0.15074E+00	-0.13502E-02	-0.15063E+00	-0.14102E-04
137	0.15079E+00	-0.75555E-03	-0.15076E+00	-0.14296E-04
138	0.15083E+00	-0.11769E-03	-0.15083E+00	-0.15451E-04
139	0.15083E+00	-0.14327E-04	-0.15083E+00	-0.14373E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9200E+01

695

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.13856E+00	-0.25369E-01	-0.94826E-01	0.53817E+01	0.62999E-01	-0.53953E+01
2	-0.27592E+00	-0.12015E-01	-0.14534E+00	0.48119E+01	0.10835E+00	-0.48079E+01
3	-0.39258E+00	-0.88071E-02	-0.82759E-01	0.39102E+01	0.10580E+00	-0.39364E+01
4	0.11073E+00	-0.15914E-01	0.16476E+00	0.31494E+01	-0.73691E-01	-0.32432E+01
5	-0.21369E+00	-0.26822E-01	-0.67175E-01	0.31838E+01	0.25488E-01	-0.32602E+01
6	0.63374E-01	-0.73747E-02	0.64688E-02	0.32506E+01	-0.26638E-01	-0.33204E+01
7	0.10830E+00	-0.67328E-03	0.24000E-01	0.22799E+01	-0.39563E-01	-0.22905E+01
8	0.22998E+00	0.71725E-02	0.51572E-01	0.22739E+01	-0.86870E-01	-0.23683E+01
9	-0.72110E-02	0.20464E+00	0.63934E-01	0.52533E+01	0.20414E-01	-0.52855E+01
10	-0.82836E-01	0.27370E+00	0.29708E-01	0.47838E+01	0.28844E-01	-0.48325E+01
11	-0.13736E+00	0.26408E+00	-0.84530E-01	0.40652E+01	-0.14988E-01	-0.41389E+01
12	0.49394E+00	0.25614E+00	0.23470E+00	0.33067E+01	-0.20827E+00	-0.33103E+01
13	0.12286E-01	0.14481E+00	-0.34778E-01	0.33916E+01	-0.31766E-01	-0.34976E+01
14	0.38392E+00	0.15570E+00	0.81527E-01	0.34742E+01	-0.13835E+00	-0.36327E+01
15	0.52765E+00	0.78712E-01	0.14055E+00	0.24388E+01	-0.22786E+00	-0.24791E+01
16	0.64569E+00	0.71600E-01	0.12723E+00	0.25410E+01	-0.25507E+00	-0.26622E+01
17	-0.87040E-01	0.11531E+00	-0.33655E-02	0.50905E+01	0.67841E-01	-0.51531E+01
18	-0.21452E+00	0.22107E+00	-0.39414E-01	0.47201E+01	0.15254E+00	-0.48199E+01
19	-0.38570E+00	0.31510E+00	-0.13460E+00	0.41453E+01	0.27027E+00	-0.43782E+01
20	0.63955E+00	0.31266E+00	0.21831E+00	0.35337E+01	-0.23855E+00	-0.36236E+01
21	-0.86213E-01	0.30150E+00	-0.35420E-01	0.36860E+01	0.13418E+00	-0.40710E+01
22	0.56965E+00	0.62666E+00	0.32457E+00	0.38307E+01	-0.93757E-01	-0.43573E+01
23	0.86962E+00	0.58968E-01	0.15902E+00	0.28346E+01	-0.37724E+00	-0.29972E+01
24	0.18100E+01	0.49492E+00	0.65336E+00	0.30736E+01	-0.66861E+00	-0.31834E+01
25	0.78156E+00	0.13071E+00	0.11310E+00	0.32096E+01	-0.30672E+00	-0.36439E+01
26	0.24688E+01	0.11721E+01	0.11450E+01	0.33576E+01	-0.81351E+00	-0.40430E+01
27	-0.19057E+00	-0.71973E-01	-0.10008E+00	0.49746E+01	0.11806E+00	-0.49892E+01
28	-0.33103E+00	0.53278E-01	-0.10224E+00	0.46261E+01	0.29557E+00	-0.47443E+01
29	-0.71323E+00	0.17517E+00	-0.15770E+00	0.40131E+01	0.80558E+00	-0.44600E+01
30	0.95162E-01	0.31017E+00	0.78363E-02	0.38847E+01	0.85589E-01	-0.43486E+01
31	-0.37049E+00	0.32565E+00	-0.86136E-01	0.37330E+01	0.53633E+00	-0.45276E+01
32	0.12219E+00	0.46647E+00	0.13509E+00	0.36376E+01	0.34587E+00	-0.45984E+01
33	0.18649E+01	0.86284E+00	0.79821E+00	0.37500E+01	-0.47619E+00	-0.42581E+01
34	0.47062E+01	0.27271E+01	0.26687E+01	0.39553E+01	-0.11622E+01	-0.46258E+01
35	0.76373E+00	0.15570E+00	0.32512E-01	0.39555E+01	-0.36839E+00	-0.46251E+01
36	-0.54194E+00	-0.42186E+00	-0.63690E+00	0.36417E+01	0.39980E+00	-0.47834E+01
37	0.13888E+01	0.10321E+01	0.66402E+00	0.40710E+01	-0.39701E+00	-0.49481E+01
38	-0.37889E+00	-0.32813E+00	-0.22019E+00	0.48660E+01	0.16336E+00	-0.46039E+01
39	-0.61863E+00	-0.26582E+00	-0.17046E+00	0.45793E+01	0.48560E+00	-0.43784E+01
40	-0.92139E+00	0.59678E-01	-0.35683E-01	0.40259E+01	0.14460E+01	-0.43806E+01
41	-0.12506E+01	-0.56247E+00	-0.82993E-01	0.42402E+01	0.12841E+01	-0.42667E+01
42	-0.17159E+01	-0.20835E+00	0.11002E+00	0.40515E+01	0.16142E+01	-0.37105E+01
43	-0.72986E+00	-0.18592E+00	-0.33728E+00	0.37802E+01	0.83538E+00	-0.46268E+01
44	-0.11436E+01	-0.31043E+00	-0.41138E+00	0.37159E+01	0.13623E+01	-0.39745E+01
45	-0.13318E+01	-0.65642E+00	-0.58819E+00	0.39122E+01	0.13192E+01	-0.39666E+01
46	-0.98078E+00	0.10021E+00	0.13047E+00	0.37551E+01	0.93768E+00	-0.34980E+01
47	0.25260E+00	0.40432E+00	-0.14700E-01	0.38641E+01	0.28369E+00	-0.50014E+01
48	-0.26755E+00	0.14351E+00	-0.36826E+00	0.40939E+01	0.33033E+00	-0.50572E+01
49	-0.79462E+00	0.48732E-01	-0.44414E+00	0.40381E+01	0.10826E+01	-0.53981E+01
50	-0.38693E+01	-0.10491E+01	-0.19097E+01	0.34369E+01	0.28972E+01	-0.36726E+01
51	-0.78508E+00	-0.55699E+00	-0.96159E+00	0.16609E+00	0.36823E+00	-0.98021E+00
52	-0.13598E+01	-0.20072E-01	-0.79045E+00	-0.11637E+01	0.16082E+01	0.49631E+01
53	-0.16132E+01	0.26615E+00	-0.58954E-01	0.31569E+01	0.14934E+01	-0.31957E+01
54	-0.68140E+00	-0.69974E+00	-0.41495E+00	0.46264E+01	0.20016E+00	-0.38611E+01

55	-0.98614E+00	-0.50870E+00	-0.19976E+00	0.43945E+01	0.56048E+00	-0.37159E+01
56	-0.18393E+01	-0.33224E+00	0.38367E+00	0.39085E+01	0.15661E+01	-0.33243E+01
57	-0.15913E+01	-0.27057E+00	0.16499E-01	0.34991E+01	0.11464E+01	-0.30729E+01
58	-0.17300E+01	-0.12406E+00	0.11737E+00	0.29445E+01	0.13673E+01	-0.27158E+01
59	-0.34331E+00	-0.59043E+00	-0.26784E+00	0.45043E+01	-0.37735E-01	-0.34471E+01
60	-0.19780E+01	-0.97852E+00	-0.57723E+00	0.42397E+01	0.36196E+00	-0.26946E+01
61	-0.86740E+00	-0.81329E+00	-0.37544E+00	0.42045E+01	0.23987E+00	-0.26943E+01
62	-0.41717E+00	-0.73399E+00	-0.30392E+00	0.40000E+01	-0.56620E-01	-0.20392E+01
63	-0.11274E+01	-0.70313E+00	-0.19255E+00	0.40679E+01	0.49541E+00	-0.29747E+01
64	-0.11739E+01	-0.92399E+00	-0.21325E+00	0.36843E+01	0.42090E+00	-0.21600E+01
65	-0.19930E+01	-0.50456E+00	0.56452E+00	0.37302E+01	0.13486E+01	-0.29356E+01
66	-0.24622E+01	-0.66697E+00	0.61090E+00	0.33071E+01	0.15207E+01	-0.22665E+01
67	-0.19969E+01	-0.92471E+00	0.74451E+00	0.28911E+01	0.11626E+01	-0.14347E+01
68	-0.19791E+01	-0.49457E+00	0.46799E-01	0.32444E+01	0.11282E+01	-0.26427E+01
69	-0.16715E+01	-0.50825E+00	0.21988E+00	0.30561E+01	0.86087E+00	-0.20150E+01
70	-0.23910E+01	-0.83917E+00	-0.46562E-01	0.26361E+01	0.10672E+01	-0.13576E+01
71	-0.20355E+01	-0.35661E+00	0.23915E+00	0.27742E+01	0.12227E+01	-0.20973E+01
72	-0.22705E+01	-0.50331E+00	0.27298E+00	0.24992E+01	0.10977E+01	-0.15073E+01
73	-0.49441E+00	-0.48702E+00	-0.15996E+00	0.34511E+01	0.91592E-01	-0.87574E+00
74	-0.80436E+00	-0.45114E+00	0.16275E+00	0.30387E+01	0.25556E+00	-0.79827E+00
75	-0.16444E+01	-0.44575E+00	0.10756E+01	0.24940E+01	0.69743E+00	-0.68516E+00
76	-0.18406E+01	-0.45675E+00	0.35910E+00	0.27481E+01	0.59983E+00	-0.13617E+01
77	-0.13640E+01	-0.65110E+00	0.39361E+00	0.18114E+01	0.41629E+00	-0.31692E+00
78	-0.13536E+01	-0.31650E+00	0.56240E+00	0.14891E+01	0.43356E+00	-0.18581E+00
79	-0.22117E+01	-0.52844E+00	0.31366E+00	0.19220E+01	0.66976E+00	-0.72821E+00
80	-0.24079E+01	-0.63738E+00	0.15333E+00	0.13416E+01	0.42943E+00	-0.15261E+00
81	-0.13012E+01	-0.29126E+00	0.66823E+00	0.75075E+00	0.40686E+00	-0.49614E-01
82	-0.14652E+01	-0.35701E+00	0.57263E+00	0.66142E+00	0.38434E+00	-0.11874E+00
83	-0.21641E+01	-0.32259E+00	0.44813E+00	0.11961E+01	0.40395E+00	-0.26240E+00
84	-0.26617E+01	-0.59895E+00	0.22696E+00	0.12992E+01	0.74016E+00	-0.24414E+00
85	-0.30376E+01	-0.46852E+00	0.21119E+00	0.18839E+01	0.93144E+00	-0.99520E+00
86	-0.29484E+01	-0.41426E+00	0.38228E+00	0.14919E+01	0.89057E+00	-0.69770E+00
87	-0.21612E+01	-0.20466E+00	0.60192E+00	0.19354E+01	0.11180E+01	-0.86771E+00
88	-0.23690E+01	-0.31797E+00	0.30533E+00	0.21182E+01	0.14624E+01	-0.16835E+01
89	-0.25438E+01	-0.34717E+00	0.26222E+00	0.18711E+01	0.15687E+01	-0.15711E+01
90	-0.27293E+01	-0.30259E+00	0.44230E+00	0.13653E+01	0.16503E+01	-0.70864E+00
91	-0.29249E+01	-0.58849E+00	0.12783E+00	0.12885E+01	0.17787E+01	-0.11667E+01
92	-0.28700E+01	-0.53426E+00	0.21078E+00	0.10028E+01	0.17647E+01	-0.84729E+00
93	-0.19338E+01	0.55342E+00	-0.91269E-01	0.22898E+01	0.17338E+01	-0.25971E+01
94	-0.20834E+01	-0.26285E+00	-0.27719E+00	0.22824E+01	0.15848E+01	-0.24622E+01
95	-0.15064E+01	-0.77097E+00	-0.35262E+00	0.16661E+01	0.15574E+01	-0.18712E+01
96	-0.18264E+01	-0.20059E+00	0.12020E+00	0.23305E+01	0.14916E+01	-0.20867E+01
97	-0.13212E+01	-0.51388E+00	-0.14670E+00	0.19152E+01	0.15471E+01	-0.16317E+01
98	-0.15869E+01	-0.35693E+00	0.13511E+00	0.16099E+01	0.14645E+01	-0.15492E+01
99	-0.16225E+01	0.12809E+00	0.52910E+00	0.13624E+01	0.14134E+01	-0.15911E+01
100	-0.13751E+01	0.94984E-03	0.40804E+00	0.14004E+01	0.14508E+01	-0.12032E+01
101	-0.16595E+01	-0.29415E+00	0.93719E-01	0.11090E+01	0.14827E+01	-0.94831E+00
102	-0.12731E+01	0.13272E+00	0.73273E+00	0.11130E+01	0.14121E+01	-0.94772E+00
103	-0.10188E+01	-0.23397E+00	0.57665E+00	0.45399E+00	0.13544E+01	-0.50107E+00
104	-0.10675E+01	-0.30381E+00	0.32482E+00	0.21726E+00	0.13560E+01	-0.38341E+00
105	-0.19691E+01	-0.67816E-01	-0.51788E+00	0.20094E+01	0.20751E+01	-0.23713E+01
106	-0.30125E+01	-0.18076E+01	-0.21321E+01	0.17910E+00	0.22137E+01	-0.11373E+01
107	-0.23382E+01	-0.12686E+01	-0.15418E+01	0.10766E+01	0.21293E+01	-0.16588E+01
108	-0.19308E+01	-0.11397E+01	-0.12954E+01	0.11107E+01	0.20503E+01	-0.16769E+01
109	-0.17326E+01	-0.97224E+00	-0.12667E+01	0.46864E+00	0.20555E+01	-0.11420E+01
110	-0.26884E+00	0.16458E+00	-0.93390E-01	0.15911E+01	0.18984E+01	-0.17640E+01
111	0.25372E+00	0.22831E+00	-0.87283E-02	0.11527E+01	0.17889E+01	-0.93200E+00
112	0.28695E+00	0.26044E+00	0.42211E-01	0.17692E+01	0.17800E+01	-0.97198E+00
113	0.58074E+00	0.41235E+00	0.51848E+00	0.18510E+01	0.15229E+01	-0.18785E+01
114	0.65279E+00	0.49105E+00	0.31736E+00	0.15839E+01	0.14613E+01	-0.94735E+00

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115	0.73084E+00	0.54017E+00	0.46338E+00	0.27190E+01	0.14273E+01	-0.91854E+00
116	0.21822E+00	0.34860E+00	0.47004E+00	0.20933E+01	0.11446E+01	-0.16397E+01
117	-0.25266E+00	-0.41654E-01	0.13326E-01	0.22837E+01	0.98907E+00	-0.85683E+00
118	-0.16423E+00	0.11476E-01	0.18126E+00	0.19701E+01	0.94932E+00	-0.79166E+00 697
119	-0.12386E+00	0.40601E+00	0.32568E+00	0.16270E+01	0.77963E+00	-0.12307E+01
120	-0.55314E+00	-0.20737E+00	0.57580E-01	0.16450E+01	0.66649E+00	-0.70410E+00
121	-0.49439E+00	-0.16862E+00	0.16570E+00	0.13940E+01	0.64181E+00	-0.61750E+00
122	0.65289E-02	0.65311E+00	0.79383E+00	0.13169E+01	0.52337E+00	-0.95802E+00
123	-0.22354E+00	0.83979E-02	0.41937E+00	0.11020E+01	0.42134E+00	-0.51178E+00
124	-0.19369E+00	0.29807E-01	0.47279E+00	0.83893E+00	0.40956E+00	-0.41068E+00
125	-0.24730E+00	0.14104E+00	0.54266E+00	0.66822E+00	0.37206E+00	-0.50162E+00
126	-0.18345E+00	0.41359E-01	0.50088E+00	0.50586E+00	0.32820E+00	-0.27845E+00
127	-0.17950E+00	0.46631E-01	0.50548E+00	0.23375E+00	0.32788E+00	-0.20169E+00
128	0.24177E+00	0.37945E+00	0.81275E+00	0.34841E+00	0.27227E+00	-0.28330E+00
129	0.68193E+00	0.57123E+00	0.10372E+01	0.15498E+00	0.19174E+00	-0.90348E-01
183	-0.24371E+01	0.20091E-01	-0.66907E+00	0.32669E+01	0.21889E+01	-0.36726E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9200E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.41722E+00	-0.27815E+01	0.23642E+01	0.52756E+02	-0.61410E+01	-0.22530E+02
131	0.45464E-01	0.30309E+00	-0.25763E+00	0.12655E+03	-0.59936E+01	-0.65705E+02
132	-0.29535E-01	-0.19690E+00	0.16737E+00	0.21081E+03	-0.11284E+02	-0.11328E+03
133	0.38772E-01	0.25848E+00	-0.21971E+00	0.30508E+03	-0.17836E+02	-0.16689E+03
134	0.51239E-01	0.34193E+00	-0.29064E+00	0.41123E+03	-0.26380E+02	-0.23254E+03
135	-0.59387E-01	-0.39591E+00	0.33652E+00	0.48755E+03	-0.35864E+02	-0.29228E+03
136	0.75581E-01	0.50387E+00	-0.42829E+00	0.55534E+03	-0.38855E+02	-0.33476E+03
137	0.15681E+00	0.10454E+01	-0.88858E+00	0.55532E+03	-0.49349E+02	-0.35315E+03
138	-0.51566E+00	-0.34378E+01	0.24329E+01	0.57126E+03	-0.12500E+03	-0.38266E+03
139	-0.38743E+00	-0.25829E+01	0.53831E+00	0.55618E+03	-0.27801E+03	-0.40266E+03
140	0.49997E+00	0.33331E+01	-0.28332E+01	0.70315E+03	-0.33719E+03	-0.45812E+03
141	0.51132E+00	0.34088E+01	-0.28975E+01	0.70407E+03	-0.34486E+03	-0.48769E+03
142	0.56833E+00	0.37888E+01	-0.32205E+01	0.73757E+03	-0.34551E+03	-0.51987E+03
143	0.58997E+00	0.39332E+01	-0.33432E+01	-0.26868E+03	-0.49458E+03	0.48611E+03
144	0.61992E+00	0.41328E+01	-0.35129E+01	-0.26488E+03	-0.47996E+03	0.46239E+03
145	-0.89219E+00	-0.59480E+01	-0.70493E+01	-0.68267E+02	-0.36354E+03	0.10345E+04
146	-0.37499E+00	-0.24999E+01	0.51352E+01	0.11907E+03	-0.27149E+03	0.88328E+03
147	-0.38904E+00	-0.25936E+01	0.50747E+01	0.10944E+03	-0.28378E+03	0.87046E+03
148	-0.40579E+00	-0.27053E+01	-0.66059E+00	0.10476E+03	-0.29740E+03	0.87201E+03
149	-0.42556E+00	-0.28371E+01	-0.59580E+00	0.98282E+02	-0.31363E+03	0.88687E+03
150	-0.49487E+00	-0.32991E+01	0.18366E+00	0.51726E+02	-0.34821E+03	0.86187E+03
151	-0.59985E+00	-0.39990E+01	-0.19550E+02	0.36655E+02	-0.39770E+03	0.88100E+03
152	-0.55625E+00	-0.37033E+01	-0.35778E+02	0.39992E+02	-0.36790E+03	0.87243E+03
153	-0.48630E+00	-0.32420E+01	-0.31597E+02	0.27714E+02	-0.32272E+03	0.85091E+03
154	-0.31899E+00	-0.21266E+01	-0.61558E+02	0.14342E+02	-0.21226E+03	0.82538E+03
155	-0.75661E-01	-0.50441E+00	-0.50648E+02	0.33084E+02	-0.45895E+02	0.76948E+03
156	0.12007E+00	0.80049E+00	-0.43013E+02	0.15913E+02	0.83097E+02	0.71101E+03
157	0.27553E+00	0.18369E+01	-0.34135E+02	0.21504E+02	0.18843E+03	0.62977E+03
158	0.39707E+00	0.26472E+01	-0.28319E+02	0.12873E+02	0.26883E+03	0.55171E+03
159	0.48678E+00	0.32452E+01	-0.19827E+02	-0.25153E+01	0.32683E+03	0.45296E+03
160	0.54430E+00	0.36320E+01	-0.13816E+02	-0.56773E+01	0.36535E+03	0.36154E+03
161	0.63280E+00	0.42186E+01	-0.63440E+01	-0.57606E+01	0.39749E+03	0.24990E+03
162	0.64621E+00	0.43031E+01	0.64840E+00	-0.39579E+01	0.38117E+03	0.17025E+03
163	0.73237E+00	0.43824E+01	0.19454E+01	-0.19881E+02	0.42968E+03	0.11653E+03
164	0.71362E+00	0.47575E+01	0.30385E+01	-0.35654E+02	0.41624E+03	0.81319E+02

165	0.36754E+03	0.54644E+02	0.12345E+01	0.15961E+02	0.41677E+03	0.65883E+02
166	0.29550E+03	0.40341E+02	0.48450E+01	0.10968E+02	0.38680E+03	0.60567E+02
167	0.23276E+03	0.29509E+02	0.58103E+01	0.81487E+01	0.33009E+03	0.56211E+02
168	0.17643E+03	0.21205E+02	0.56016E+01	0.53297E+01	0.27221E+03	0.52578E+02
169	0.11109E+03	0.10330E+02	0.65147E+01	0.28027E+01	0.23385E+03	0.48576E+02
170	0.46976E+02	-0.13731E+01	0.84902E+01	-0.15876E-01	0.21071E+03	0.44019E+02
171	-0.17876E+02	-0.12390E+02	0.95239E+01	-0.37419E+01	0.16922E+03	0.37630E+02
172	-0.54180E+02	-0.16950E+02	0.84761E+01	-0.74019E+01	0.11541E+03	0.30671E+02
173	-0.52935E+02	-0.13369E+02	0.51115E+01	-0.92728E+01	0.67651E+02	0.25683E+02
174	-0.32575E+02	-0.63562E+01	0.13379E+01	-0.93207E+01	0.33672E+02	0.21925E+02
175	-0.74004E+01	-0.25909E+00	-0.77978E+00	-0.72008E+01	0.22645E+02	0.19752E+02
176	0.17574E+01	0.12806E+01	-0.90681E+00	-0.52309E+01	0.25347E+02	0.18141E+02
177	0.32064E+01	0.10087E+01	-0.45758E+00	-0.35672E+01	0.26817E+02	0.14860E+02
178	0.12963E+01	0.17033E+00	0.29263E-01	-0.24213E+01	0.20205E+02	0.10758E+02
179	-0.40805E+00	-0.16441E+00	0.95605E-01	-0.20610E+01	0.14283E+02	0.75626E+01
180	-0.33356E-01	-0.54167E-01	0.45443E-01	-0.15963E+01	0.83340E+01	0.45539E+01
181	-0.12992E+00	-0.14169E+00	0.10711E+00	-0.12936E+01	0.37998E+01	0.15830E+01
182	0.47599E+00	0.22107E+00	-0.13015E+00	-0.46223E+00	-0.89910E+00	-0.55535E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9300E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.46097E-02	0.16367E-04	-0.48701E-02	0.00000E+00
3	0.91392E-02	0.68299E-04	-0.91509E-02	0.00000E+00
4	0.10490E-01	0.49385E-04	-0.10278E-01	0.00000E+00
5	0.12349E-01	-0.17217E-04	-0.12324E-01	0.00000E+00
6	0.13809E-01	0.34804E-05	-0.13810E-01	0.00000E+00
7	0.12354E-01	0.23514E-03	-0.12452E-01	0.00000E+00
8	0.13871E-01	0.24390E-03	-0.13928E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.46997E-02	0.90786E-04	-0.48062E-02	0.00000E+00
11	0.91401E-02	0.25850E-03	-0.93668E-02	0.00000E+00
12	0.10419E-01	0.33455E-03	-0.10669E-01	0.00000E+00
13	0.12417E-01	0.38216E-03	-0.12883E-01	0.00000E+00
14	0.13988E-01	0.40448E-03	-0.14244E-01	0.00000E+00
15	0.12538E-01	0.55520E-03	-0.13167E-01	0.00000E+00
16	0.14178E-01	0.57130E-03	-0.14767E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.45539E-02	0.12968E-03	-0.51432E-02	0.00000E+00
19	0.90920E-02	0.41319E-03	-0.10060E-01	0.00000E+00
20	0.10497E-01	0.54130E-03	-0.11501E-01	0.00000E+00
21	0.12663E-01	0.63114E-03	-0.13746E-01	0.00000E+00
22	0.14443E-01	0.67423E-03	-0.15505E-01	0.00000E+00
23	0.12847E-01	0.71169E-03	-0.14540E-01	0.00000E+00
24	0.14804E-01	0.72745E-03	-0.16471E-01	0.00000E+00
25	0.15012E-01	0.79434E-03	-0.17045E-01	0.00000E+00
26	0.15136E-01	0.79753E-03	-0.17377E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.44194E-02	0.33522E-04	-0.56085E-02	0.00000E+00
29	0.89946E-02	0.30225E-03	-0.11030E-01	0.00000E+00
30	0.10550E-01	0.47146E-03	-0.12698E-01	0.00000E+00
31	0.12973E-01	0.68465E-03	-0.15370E-01	0.00000E+00
32	0.15260E-01	0.77875E-03	-0.17724E-01	0.00000E+00
33	0.12993E-01	0.67182E-03	-0.15638E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.43993E-02	-0.17139E-04	-0.57526E-02	0.00000E+00
36	0.89604E-02	0.16403E-03	-0.11317E-01	0.00000E+00
37	0.10537E-01	0.31660E-03	-0.13039E-01	0.00000E+00
38	0.13004E-01	0.57777E-03	-0.15847E-01	0.00000E+00
39	0.15429E-01	0.30496E-03	-0.18304E-01	0.00000E+00
40	0.15394E-01	0.80397E-03	-0.18175E-01	0.00000E+00
41	0.15360E-01	0.80282E-03	-0.18051E-01	0.00000E+00
42	0.15322E-01	0.80154E-03	-0.17906E-01	0.00000E+00
43	0.10504E-01	-0.13671E-04	-0.13552E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.44369E-02	-0.21751E-03	-0.62399E-02	0.00000E+00
46	0.89847E-02	-0.24568E-03	-0.12219E-01	0.00000E+00
47	0.15440E-01	0.80477E-03	-0.18361E-01	0.00000E+00
48	0.15440E-01	0.80500E-03	-0.18346E-01	0.00000E+00
49	0.12999E-01	0.54624E-03	-0.15897E-01	0.00000E+00
50	0.15450E-01	0.81748E-03	-0.18398E-01	0.00000E+00
51	0.12891E-01	0.21178E-03	-0.16276E-01	0.00000E+00
52	0.15128E-01	0.68404E-03	-0.18628E-01	0.00000E+00
53	0.15439E-01	0.79642E-03	-0.18416E-01	0.00000E+00
54	0.10468E-01	-0.18050E-03	-0.14013E-01	0.00000E+00
55	0.12749E-01	0.34412E-04	-0.16791E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.43763E-02	-0.34654E-03	-0.86234E-02	0.00000E+00
58	0.90540E-02	-0.49658E-03	-0.12895E-01	0.00000E+00
59	0.14721E-01	0.37243E-03	-0.19094E-01	0.00000E+00
60	0.14293E-01	0.58424E-03	-0.18735E-01	0.00000E+00
61	0.15453E-01	0.82437E-03	-0.18434E-01	0.00000E+00
62	0.10465E-01	-0.54372E-03	-0.14840E-01	0.00000E+00
63	0.12544E-01	-0.39950E-03	-0.17680E-01	0.00000E+00
64	0.15234E-01	0.70391E-03	-0.18815E-01	0.00000E+00
65	0.15456E-01	0.83105E-03	-0.18469E-01	0.00000E+00
66	0.15479E-01	0.84439E-03	-0.18540E-01	0.00000E+00
67	0.15502E-01	0.85801E-03	-0.18613E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.47174E-02	-0.40619E-03	-0.67203E-02	0.00000E+00
70	0.91537E-02	-0.65104E-03	-0.13049E-01	0.00000E+00
71	0.14448E-01	-0.17434E-03	-0.20247E-01	0.00000E+00
72	0.15294E-01	0.68584E-03	-0.19132E-01	0.00000E+00
73	0.12430E-01	-0.63719E-03	-0.17757E-01	0.00000E+00
74	0.15809E-01	0.79410E-03	-0.19831E-01	0.00000E+00
75	0.15522E-01	0.86956E-03	-0.18679E-01	0.00000E+00
76	0.15651E-01	0.89213E-03	-0.18800E-01	0.00000E+00
77	0.14155E-01	-0.43071E-03	-0.20099E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.48830E-02	-0.44509E-03	-0.68681E-02	0.00000E+00
80	0.92118E-02	-0.74942E-03	-0.13077E-01	0.00000E+00
81	0.10416E-01	-0.85641E-03	-0.14843E-01	0.00000E+00
82	0.12202E-01	-0.76184E-03	-0.17289E-01	0.00000E+00
83	0.16220E-01	0.21797E-03	-0.22527E-01	0.00000E+00
84	0.15424E-01	-0.26773E-03	-0.21669E-01	0.00000E+00
85	0.15925E-01	0.92258E-03	-0.18950E-01	0.00000E+00
86	0.16439E-01	0.90245E-03	-0.20553E-01	0.00000E+00
87	0.13817E-01	-0.60573E-03	-0.19475E-01	0.00000E+00
88	0.16417E-01	0.57664E-03	-0.21576E-01	0.00000E+00
89	0.16173E-01	0.95111E-03	-0.19110E-01	0.00000E+00
90	0.11600E-01	-0.42165E-03	-0.14982E-01	0.00000E+00
91	0.12531E-01	-0.23143E-03	-0.16166E-01	0.00000E+00
92	0.13092E-01	-0.47720E-04	-0.16785E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.50932E-02	0.00000E+00	-0.55318E-02	0.00000E+00
95	0.91542E-02	0.00000E+00	-0.10263E-01	0.00000E+00
96	0.10065E-01	0.00000E+00	-0.11329E-01	0.00000E+00
97	0.11137E-01	0.00000E+00	-0.12658E-01	0.00000E+00
98	0.11577E-01	0.00000E+00	-0.13097E-01	0.00000E+00
99	0.11873E-01	-0.13502E-03	-0.14553E-01	0.00000E+00
100	0.13764E-01	-0.24300E-04	-0.17958E-01	0.00000E+00
101	0.16887E-01	0.33992E-03	-0.23045E-01	0.00000E+00
102	0.16834E-01	0.99085E-03	-0.19327E-01	0.00000E+00
103	0.17233E-01	0.51745E-03	-0.23755E-01	0.00000E+00
104	0.17457E-01	0.10858E-02	-0.21473E-01	0.00000E+00
105	0.17390E-01	0.10302E-02	-0.19522E-01	0.00000E+00
106	0.17986E-01	0.85286E-03	-0.24493E-01	0.00000E+00
107	0.18272E-01	0.12897E-02	-0.22110E-01	0.00000E+00
108	0.17879E-01	0.10650E-02	-0.19696E-01	0.00000E+00
109	0.18231E-01	0.10976E-02	-0.19840E-01	0.00000E+00
110	0.19014E-01	0.14254E-02	-0.25146E-01	0.00000E+00
111	0.18900E-01	0.15265E-02	-0.22538E-01	0.00000E+00
112	0.18628E-01	0.11265E-02	-0.19956E-01	0.00000E+00
113	0.19200E-01	0.15168E-02	-0.24828E-01	0.00000E+00
114	0.18887E-01	0.11513E-02	-0.20038E-01	0.00000E+00
115	0.19090E-01	0.11729E-02	-0.20086E-01	0.00000E+00
116	0.19204E-01	0.11914E-02	-0.20094E-01	0.00000E+00

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117	0.19192E-01	0.17067E-02	-0.22592E-01	0.00000E+00
118	0.19215E-01	0.12000E-02	-0.20086E-01	0.00000E+00
119	0.19234E-01	0.12085E-02	-0.20054E-01	0.00000E+00
120	0.19328E-01	0.19163E-02	-0.22456E-01	0.00000E+00
121	0.19243E-01	0.12185E-02	-0.20001E-01	0.00000E+00
122	0.19245E-01	0.12297E-02	-0.19984E-01	-0.28531E-05
123	0.19254E-01	0.12545E-02	-0.19969E-01	-0.52551E-05
124	0.19271E-01	0.12955E-02	-0.19954E-01	-0.82104E-05
125	0.19300E-01	0.13572E-02	-0.19939E-01	-0.12055E-04
126	0.19373E-01	0.15084E-02	-0.19914E-01	-0.17511E-04
127	0.19465E-01	0.16979E-02	-0.19890E-01	-0.19851E-04
128	0.19661E-01	0.21305E-02	-0.19840E-01	-0.18212E-04
129	0.19807E-01	0.24705E-02	-0.19795E-01	-0.12353E-04
130	0.19890E-01	0.26812E-02	-0.19747E-01	-0.40990E-05
131	0.19876E-01	0.26371E-02	-0.19677E-01	0.44917E-05
132	0.19787E-01	0.23399E-02	-0.19622E-01	0.74115E-05
133	0.19703E-01	0.20088E-02	-0.19576E-01	0.71273E-05
134	0.19634E-01	0.16686E-02	-0.19542E-01	0.79346E-05
135	0.19569E-01	0.12629E-02	-0.19517E-01	0.91904E-05
136	0.19521E-01	0.85316E-03	-0.19498E-01	0.86298E-05
137	0.19495E-01	0.46903E-03	-0.19488E-01	0.85603E-05
138	0.19478E-01	0.68106E-04	-0.19478E-01	0.83948E-05
139	0.19476E-01	0.85748E-05	-0.19478E-01	0.85674E-05

701

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9300E+01

702

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.92236E-02	-0.30039E-02	-0.44123E-01	0.57175E+00	0.16454E-01	-0.59542E+00
2	-0.21777E-01	0.19444E-02	-0.67319E-01	0.56132E+00	0.15405E-01	-0.55688E+00
3	-0.42463E-01	-0.51473E-02	-0.58824E-01	0.50918E+00	-0.29041E-01	-0.49973E+00
4	0.48546E-01	0.17707E-01	0.96735E-01	0.44835E+00	-0.48051E-01	-0.49167E+00
5	-0.33862E-01	-0.23266E-02	-0.37423E-01	0.43741E+00	-0.27151E-01	-0.46581E+00
6	0.19980E-01	0.18130E-01	-0.46863E-01	0.45940E+00	-0.19545E-01	-0.47058E+00
7	0.16911E-02	-0.48190E-02	-0.34145E-01	0.37829E+00	-0.10528E-01	-0.37340E+00
8	0.29465E-01	0.40837E-02	-0.43636E-01	0.37380E+00	-0.29084E-01	-0.37852E+00
9	-0.14960E-01	0.23126E-01	-0.21536E-01	0.56698E+00	-0.40149E-02	-0.61082E+00
10	-0.30424E-01	0.39538E-01	-0.63754E-01	0.55608E+00	-0.15284E-01	-0.59055E+00
11	-0.29413E-01	0.40863E-01	-0.15876E+00	0.51958E+00	-0.54113E-01	-0.54240E+00
12	0.54272E-01	0.31153E-01	-0.48596E-01	0.46410E+00	-0.57840E-01	-0.46902E+00
13	-0.72811E-02	0.29442E-01	-0.96974E-01	0.46931E+00	-0.37285E-01	-0.47970E+00
14	0.41569E-01	0.33279E-01	-0.94636E-01	0.48424E+00	-0.60008E-01	-0.51464E+00
15	0.60237E-01	0.12587E-01	-0.58907E-01	0.39060E+00	-0.59478E-01	-0.38895E+00
16	0.70667E-01	0.11575E-01	-0.86163E-01	0.39943E+00	-0.75594E-01	-0.40793E+00
17	-0.44690E-01	-0.14611E-01	-0.61653E-01	0.54475E+00	-0.39807E-02	-0.65829E+00
18	-0.63114E-01	0.21353E-01	-0.11849E+00	0.54912E+00	-0.17621E-01	-0.63846E+00
19	-0.70653E-01	0.45069E-01	-0.25150E+00	0.52903E+00	-0.69394E-01	-0.59632E+00
20	0.62102E-01	0.36398E-01	-0.10737E+00	0.48507E+00	-0.91040E-01	-0.51245E+00
21	-0.27069E-01	0.52277E-01	-0.15291E+00	0.49744E+00	-0.48319E-01	-0.55132E+00
22	0.53315E-01	0.10147E+00	-0.12298E+00	0.52037E+00	-0.79822E-01	-0.59887E+00
23	0.95776E-01	0.12350E-01	-0.11105E+00	0.43080E+00	-0.10386E+00	-0.44114E+00
24	0.21396E+00	0.70664E-01	-0.62035E-01	0.46280E+00	-0.14439E+00	-0.45888E+00
25	0.82452E-01	0.38914E-01	-0.14112E+00	0.47614E+00	-0.10661E+00	-0.50422E+00
26	0.30614E+00	0.17846E+00	-0.76450E-02	0.49965E+00	-0.16565E+00	-0.55042E+00
27	-0.71578E-01	-0.64779E-01	-0.97378E-01	0.53287E+00	-0.19315E-02	-0.69439E+00
28	-0.95851E-01	-0.27889E-01	-0.16633E+00	0.53574E+00	-0.99195E-02	-0.67426E+00
29	-0.11381E+00	0.26503E-01	-0.30911E+00	0.50409E+00	-0.41648E-01	-0.63652E+00
30	-0.31693E-01	0.38867E-01	-0.19448E+00	0.51818E+00	-0.74433E-01	-0.59702E+00
31	-0.53960E-01	0.74935E-01	-0.18512E+00	0.48714E+00	-0.27359E-01	-0.61231E+00
32	-0.30827E-01	0.70409E-01	-0.18925E+00	0.47881E+00	-0.50186E-01	-0.62272E+00
33	0.23964E+00	0.14919E+00	-0.51736E-01	0.54216E+00	-0.13135E+00	-0.57047E+00
34	0.64017E+00	0.43111E+00	0.21684E+00	0.57627E+00	-0.17743E+00	-0.60255E+00
35	0.68027E-01	0.48904E-01	-0.16653E+00	0.57098E+00	-0.70838E-01	-0.60222E+00
36	-0.97226E-01	-0.22894E-01	-0.26195E+00	0.52120E+00	-0.47037E-01	-0.60461E+00
37	0.15206E+00	0.18059E+00	-0.83431E-01	0.58496E+00	-0.75153E-01	-0.61144E+00
38	-0.11163E+00	-0.14294E+00	-0.14534E+00	0.53297E+00	-0.15302E-02	-0.73172E+00
39	-0.12187E+00	-0.10751E+00	-0.21235E+00	0.53528E+00	-0.55838E-02	-0.70390E+00
40	-0.12075E+00	0.99015E-02	-0.33109E+00	0.48559E+00	-0.29161E-01	-0.63800E+00
41	-0.14327E+00	-0.13018E+00	-0.37697E+00	0.50400E+00	-0.12900E-01	-0.65272E+00
42	-0.17608E+00	-0.10829E+00	-0.39205E+00	0.49712E+00	-0.11227E-01	-0.65244E+00
43	-0.10985E+00	0.14811E-01	-0.24296E+00	0.47769E+00	-0.14329E-01	-0.61969E+00
44	-0.22454E+00	-0.87708E-01	-0.33668E+00	0.45642E+00	0.67025E-02	-0.59639E+00
45	-0.25579E+00	-0.11121E+00	-0.36419E+00	0.48786E+00	-0.76331E-02	-0.59208E+00
46	-0.15094E+00	-0.46010E-01	-0.29002E+00	0.46667E+00	-0.90382E-03	-0.60090E+00
47	-0.98668E-02	0.81250E-01	-0.18873E+00	0.55203E+00	-0.42580E-01	-0.61284E+00
48	-0.62729E-01	0.61866E-01	-0.21822E+00	0.58684E+00	0.22728E-01	-0.61233E+00
49	-0.83627E-01	0.97537E-01	-0.21272E+00	0.54905E+00	0.11974E-01	-0.60555E+00
50	-0.60977E+00	-0.17123E+00	-0.53456E+00	0.44976E+00	0.84397E-01	-0.52315E+00
51	-0.20603E+00	-0.15183E+00	-0.36285E+00	0.20536E-01	0.23558E-01	-0.13592E+00
52	-0.62945E+00	-0.59518E+00	-0.71146E+00	-0.16749E+00	0.32903E-01	-0.73823E-01
53	-0.24892E+00	0.10611E-02	-0.33365E+00	0.41097E+00	0.31191E-03	-0.50771E+00
54	-0.16669E+00	-0.24535E+00	-0.20665E+00	0.54608E+00	0.80957E-03	-0.78391E+00

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55	-0.16645E+00	-0.20353E+00	-0.26614E+00	0.53763E+00	0.33513E-02	-0.74360E+00
56	-0.15166E+00	-0.15482E+00	-0.39309E+00	0.48568E+00	0.56140E-02	-0.67407E+00
57	-0.21067E+00	-0.11482E+00	-0.34871E+00	0.43775E+00	0.37141E-02	-0.60371E+00
58	-0.23375E+00	-0.70240E-01	-0.36892E+00	0.37730E+00	-0.12250E-03	-0.52692E+00
59	-0.20529E+00	-0.29000E+00	-0.22323E+00	0.55933E+00	-0.89675E-02	-0.80800E+00
60	-0.20357E+00	-0.32356E+00	-0.25780E+00	0.57220E+00	0.92148E-02	-0.81900E+00
61	-0.18508E+00	-0.30866E+00	-0.23904E+00	0.57372E+00	0.44421E-02	-0.81895E+00
62	-0.24567E+00	-0.35447E+00	-0.25971E+00	0.59681E+00	0.70191E-02	-0.83786E+00
63	-0.19868E+00	-0.26314E+00	-0.29024E+00	0.53567E+00	0.28255E-01	-0.76358E+00
64	-0.20863E+00	-0.29362E+00	-0.29048E+00	0.52939E+00	0.25784E-01	-0.75968E+00
65	-0.14440E+00	-0.20237E+00	-0.38036E+00	0.49491E+00	0.83668E-01	-0.69826E+00
66	-0.18906E+00	-0.21770E+00	-0.38079E+00	0.45623E+00	0.99311E-01	-0.64103E+00
67	-0.14826E+00	-0.24962E+00	-0.34381E+00	0.42697E+00	0.82271E-01	-0.63152E+00
68	-0.23815E+00	-0.15699E+00	-0.37304E+00	0.42969E+00	0.70108E-01	-0.60715E+00
69	-0.21971E+00	-0.18814E+00	-0.34600E+00	0.41881E+00	0.65183E-01	-0.62223E+00
70	-0.28754E+00	-0.20604E+00	-0.37100E+00	0.37632E+00	0.10248E+00	-0.52073E+00
71	-0.25171E+00	-0.12354E+00	-0.38446E+00	0.37111E+00	0.86779E-01	-0.52578E+00
72	-0.27449E+00	-0.14630E+00	-0.36623E+00	0.34818E+00	0.11798E+00	-0.48277E+00
73	-0.11646E+00	-0.17471E+00	-0.12992E+00	0.61374E+00	0.17055E-01	-0.75689E+00
74	-0.12467E+00	-0.16466E+00	-0.15680E+00	0.52366E+00	0.52707E-01	-0.66619E+00
75	-0.11949E+00	-0.14374E+00	-0.18965E+00	0.41706E+00	0.15728E+00	-0.52558E+00
76	-0.26293E+00	-0.16976E+00	-0.30489E+00	0.40186E+00	0.14707E+00	-0.52271E+00
77	-0.15420E+00	-0.13615E+00	-0.19612E+00	0.31321E+00	0.10318E+00	-0.39926E+00
78	-0.18865E+00	-0.14848E+00	-0.18254E+00	0.25051E+00	0.11772E+00	-0.27173E+00
79	-0.28198E+00	-0.12514E+00	-0.29352E+00	0.29125E+00	0.16836E+00	-0.35978E+00
80	-0.31804E+00	-0.11372E+00	-0.25477E+00	0.21069E+00	0.17865E+00	-0.25421E+00
81	-0.12883E+00	-0.49967E-01	-0.13151E+00	0.12442E+00	0.12211E+00	-0.14116E+00
82	-0.20516E+00	-0.15701E+00	-0.18736E+00	0.10653E+00	0.13379E+00	-0.94697E-01
83	-0.28254E+00	-0.58586E-01	-0.22114E+00	0.16480E+00	0.17959E+00	-0.17071E+00
84	-0.32250E+00	-0.91058E-01	-0.28605E+00	0.19637E+00	0.19387E+00	-0.20270E+00
85	-0.40069E+00	-0.10492E+00	-0.37230E+00	0.26138E+00	0.22824E+00	-0.28888E+00
86	-0.37471E+00	-0.60275E-01	-0.35198E+00	0.20912E+00	0.23107E+00	-0.18647E+00
87	-0.26712E+00	-0.10218E+00	-0.36007E+00	0.26980E+00	0.12993E+00	-0.37278E+00
88	-0.28135E+00	-0.71462E-01	-0.39050E+00	0.29154E+00	0.11992E+00	-0.38786E+00
89	-0.30555E+00	-0.60052E-01	-0.41233E+00	0.24916E+00	0.13995E+00	-0.33501E+00
90	-0.35371E+00	-0.76302E-01	-0.41305E+00	0.17294E+00	0.15929E+00	-0.18897E+00
91	-0.36397E+00	-0.67294E-01	-0.44815E+00	0.17689E+00	0.17137E+00	-0.20816E+00
92	-0.36000E+00	-0.65216E-01	-0.43230E+00	0.13457E+00	0.16943E+00	-0.11569E+00
93	-0.27977E+00	0.65039E-01	-0.32809E+00	0.27463E+00	0.51957E-02	-0.44249E+00
94	-0.27555E+00	-0.53644E-01	-0.38581E+00	0.29950E+00	-0.17694E-02	-0.43057E+00
95	-0.21756E+00	-0.12362E+00	-0.39959E+00	0.21426E+00	-0.38037E-01	-0.30950E+00
96	-0.26999E+00	-0.80747E-01	-0.41376E+00	0.28835E+00	-0.81135E-02	-0.42040E+00
97	-0.19481E+00	-0.89585E-01	-0.37675E+00	0.23358E+00	-0.38082E-01	-0.26723E+00
98	-0.23042E+00	-0.76149E-01	-0.40179E+00	0.21676E+00	-0.43315E-01	-0.28607E+00
99	-0.23459E+00	-0.24357E-01	-0.39406E+00	0.23088E+00	-0.12075E-01	-0.34025E+00
100	-0.20105E+00	-0.23032E-01	-0.36777E+00	0.18072E+00	-0.46807E-01	-0.20395E+00
101	-0.22474E+00	-0.60608E-01	-0.37569E+00	0.14277E+00	-0.55853E-01	-0.14032E+00
102	-0.18261E+00	0.11063E-01	-0.34347E+00	0.13718E+00	-0.46795E-01	-0.13019E+00
103	-0.14659E+00	-0.50177E-01	-0.32051E+00	0.64640E-01	-0.86680E-01	-0.47013E-01
104	-0.13327E+00	-0.37141E-01	-0.30023E+00	0.16977E-01	-0.90154E-01	-0.36457E-02
105	-0.38308E+00	-0.93202E-01	-0.42492E+00	0.23625E+00	0.12260E-01	-0.43463E+00
106	-0.53679E+00	-0.36549E+00	-0.58593E+00	-0.10094E-01	0.40454E-01	-0.17693E+00
107	-0.44469E+00	-0.28130E+00	-0.51879E+00	0.11771E+00	0.20857E-01	-0.31809E+00
108	-0.38922E+00	-0.26086E+00	-0.49336E+00	0.12290E+00	0.12684E-01	-0.31607E+00
109	-0.36862E+00	-0.25958E+00	-0.43687E+00	0.29748E-01	0.39295E-02	-0.17771E+00
110	-0.16322E+00	-0.67732E-01	-0.33426E+00	0.17810E+00	-0.17484E-01	-0.31601E+00
111	-0.12127E+00	-0.11510E+00	-0.33764E+00	0.12581E+00	-0.52713E-01	-0.15245E+00
112	-0.11595E+00	-0.10921E+00	-0.33025E+00	0.20943E+00	-0.53752E-01	-0.15028E+00
113	-0.15751E-01	0.18349E-01	-0.24647E+00	0.24622E+00	-0.78649E-01	-0.31416E+00
114	-0.29799E-01	-0.55621E-01	-0.27151E+00	0.19493E+00	-0.11062E+00	-0.14673E+00

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115	-0.18245E-01	-0.47376E-01	-0.25087E+00	0.35145E+00	-0.11516E+00	-0.14128E+00
116	-0.44771E-01	0.23532E-01	-0.24387E+00	0.27604E+00	-0.14425E+00	-0.27268E+00
117	-0.15097E+00	-0.12643E+00	-0.31433E+00	0.30886E+00	-0.19149E+00	-0.13202E+00
118	-0.13809E+00	-0.11848E+00	-0.29009E+00	0.27207E+00	-0.19717E+00	-0.12070E+00
119	-0.96778E-01	0.17515E-01	-0.24603E+00	0.23730E+00	-0.20725E+00	-0.19987E+00
120	-0.17930E+00	-0.14164E+00	-0.29819E+00	0.24333E+00	-0.24675E+00	-0.10723E+00
121	-0.17056E+00	-0.13675E+00	-0.29122E+00	0.21433E+00	-0.25086E+00	-0.92441E-01
122	-0.56884E-01	0.83070E-01	-0.13455E+00	0.20826E+00	-0.25094E+00	-0.14702E+00
123	-0.14151E+00	-0.11837E+00	-0.24787E+00	0.19089E+00	-0.28715E+00	-0.76038E-01
124	-0.13704E+00	-0.11713E+00	-0.23782E+00	0.16078E+00	-0.28993E+00	-0.58776E-01
125	-0.94664E-01	0.14809E-01	-0.20997E+00	0.13927E+00	-0.27203E+00	-0.49483E-01
126	-0.14724E+00	-0.12390E+00	-0.23286E+00	0.13172E+00	-0.29375E+00	-0.38546E-01
127	-0.14604E+00	-0.12422E+00	-0.22956E+00	0.81073E-01	-0.29480E+00	-0.25453E-01
128	-0.51984E-01	0.56308E-02	-0.15927E+00	0.10437E+00	-0.28374E+00	-0.95703E-02
129	-0.66815E-01	-0.79109E-01	-0.16916E+00	0.99332E-01	-0.29297E+00	-0.75109E-02
183	-0.40406E+00	-0.36552E-01	-0.40432E+00	0.42285E+00	0.15371E-01	-0.52088E+00

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9300E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.12588E+00	-0.83921E+00	0.71333E+00	0.10283E+02	-0.90263E+01	-0.49922E+01
131	-0.86504E-02	-0.57669E-01	0.49019E-01	0.19105E+02	-0.16422E+02	-0.17025E+02
132	-0.11549E-01	-0.76994E-01	0.65445E-01	0.31155E+02	-0.26548E+02	-0.28384E+02
133	0.35245E-02	0.23496E-01	-0.19972E-01	0.44300E+02	-0.36745E+02	-0.40295E+02
134	0.83442E-02	0.58961E-01	-0.50117E-01	0.58636E+02	-0.47047E+02	-0.53238E+02
135	-0.56216E-02	-0.37477E-01	0.31856E-01	0.68617E+02	-0.54720E+02	-0.63791E+02
136	0.11576E-01	0.77174E-01	-0.65598E-01	0.77491E+02	-0.58377E+02	-0.70318E+02
137	0.21376E-01	0.14251E+00	-0.12113E+00	0.77492E+02	-0.61991E+02	-0.73560E+02
138	-0.65454E-01	-0.43636E+00	0.23302E+00	0.78255E+02	-0.10258E+03	-0.78387E+02
139	-0.11487E-01	-0.76582E-01	-0.44123E+00	0.74256E+02	-0.18267E+03	-0.83823E+02
140	0.24962E+00	0.16641E+01	-0.14145E+01	0.92794E+02	-0.22131E+03	-0.93679E+02
141	0.24143E+00	0.16095E+01	-0.13681E+01	0.90339E+02	-0.22397E+03	-0.99954E+02
142	0.25177E+00	0.16785E+01	-0.14267E+01	0.93241E+02	-0.22516E+03	-0.10467E+03
143	0.26557E+00	0.17705E+01	-0.15049E+01	-0.36904E+02	-0.24484E+03	0.30597E+02
144	0.39710E+00	0.26473E+01	-0.22502E+01	-0.37992E+02	-0.24409E+03	0.23986E+02
145	-0.45595E+00	-0.30397E+01	0.78911E+00	0.37830E+02	-0.18534E+03	0.14142E+03
146	-0.18475E+00	-0.12317E+01	0.77481E+00	0.32744E+02	-0.13764E+03	0.13931E+03
147	-0.18679E+00	-0.12453E+01	0.75096E+00	0.30836E+02	-0.13951E+03	0.13585E+03
148	-0.18927E+00	-0.12618E+01	0.10383E-01	0.30466E+02	-0.14147E+03	0.13649E+03
149	-0.19227E+00	-0.12815E+01	0.26120E-01	0.31214E+02	-0.14368E+03	0.14035E+03
150	-0.21693E+00	-0.14462E+01	0.10481E+00	0.23476E+02	-0.15252E+03	0.13495E+03
151	-0.26101E+00	-0.17401E+01	-0.24974E+01	0.24842E+02	-0.17172E+03	0.13914E+03
152	-0.25589E+00	-0.17060E+01	-0.47084E+01	0.25982E+02	-0.16811E+03	0.13743E+03
153	-0.24711E+00	-0.16474E+01	-0.41972E+01	0.23584E+02	-0.16256E+03	0.13368E+03
154	-0.22474E+00	-0.14983E+01	-0.83458E+01	0.22388E+02	-0.14770E+03	0.12909E+03
155	-0.19142E+00	-0.12761E+01	-0.69617E+01	0.25387E+02	-0.12486E+03	0.11973E+03
156	-0.16345E+00	-0.10897E+01	-0.61032E+01	0.23062E+02	-0.10641E+03	0.10989E+03
157	-0.13975E+00	-0.93165E+00	-0.50177E+01	0.22904E+02	-0.90499E+02	0.96529E+02
158	-0.11950E+00	-0.79665E+00	-0.43792E+01	0.20912E+02	-0.77186E+02	0.83500E+02
159	-0.10258E+00	-0.68385E+00	-0.32315E+01	0.17757E+02	-0.66287E+02	0.67194E+02
160	-0.88857E-01	-0.59238E+00	-0.26472E+01	0.15640E+02	-0.57381E+02	0.51872E+02
161	-0.86140E-01	-0.57427E+00	-0.17469E+01	0.13663E+02	-0.52176E+02	0.33572E+02
162	-0.81904E-01	-0.54602E+00	-0.42035E+00	0.12009E+02	-0.46585E+02	0.20573E+02
163	-0.90836E-01	-0.60557E+00	-0.64783E+00	0.50136E+01	-0.52912E+02	0.12022E+02
164	-0.84768E-01	-0.56512E+00	-0.49236E+00	0.54878E+01	-0.49256E+02	0.37218E+01

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165	-0.61329E+02	-0.80083E+01	-0.11109E+01	-0.46978E+01	-0.48625E+02	0.62929E+00
166	-0.50710E+02	-0.60023E+01	-0.15497E+01	-0.37653E+01	-0.44810E+02	0.12204E+01
167	-0.40574E+02	-0.45394E+01	-0.14777E+01	-0.31849E+01	-0.37833E+02	0.17169E+01
168	-0.31172E+02	-0.33831E+01	-0.12575E+01	-0.26035E+01	-0.30702E+02	0.21553E+01
169	-0.19805E+02	-0.15669E+01	-0.13600E+01	-0.20334E+01	-0.25418E+02	0.26653E+01
170	-0.83107E+01	0.54211E+00	-0.17231E+01	-0.13821E+01	-0.21175E+02	0.32409E+01
171	0.30811E+01	0.25100E+01	-0.19349E+01	-0.51032E+00	-0.13553E+02	0.39826E+01
172	0.10283E+02	0.34569E+01	-0.17694E+01	0.39192E+00	-0.35877E+01	0.46387E+01
173	0.10517E+02	0.28259E+01	-0.11193E+01	0.93147E+00	0.43428E+01	0.48726E+01
174	0.54462E+01	0.13467E+01	-0.44153E+00	0.11244E+01	0.95429E+01	0.46095E+01
175	0.12306E+01	0.28257E+00	-0.58996E-01	0.92227E+00	0.90731E+01	0.39391E+01
176	-0.70748E-01	0.50619E-01	-0.36497E-01	0.69841E+00	0.72746E+01	0.33125E+01
177	0.19397E+00	0.91224E-01	-0.42953E-01	0.57091E+00	0.61978E+01	0.26234E+01
178	0.20876E+00	0.19524E-01	0.17692E-01	0.43819E+00	0.44799E+01	0.19002E+01
179	-0.98427E-01	-0.39938E-01	0.27401E-01	0.25505E+00	0.31445E+01	0.13217E+01
180	-0.98639E-02	-0.54603E-02	0.58023E-02	0.10979E+00	0.19364E+01	0.73904E+00
181	-0.20432E-01	-0.32415E-01	0.27127E-01	-0.63207E-01	0.84216E+00	0.25468E+00
182	0.76247E-01	0.35419E-01	-0.20854E-01	-0.77779E-01	-0.23638E+00	-0.32880E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9400E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.43953E-01	0.30274E-04	0.44402E-01	0.00000E+00
3	-0.84232E-01	-0.96583E-04	0.84214E-01	0.00000E+00
4	-0.95152E-01	-0.10106E-03	0.94850E-01	0.00000E+00
5	-0.11068E+00	0.30736E-04	0.11063E+00	0.00000E+00
6	-0.12189E+00	-0.85919E-05	0.12189E+00	0.00000E+00
7	-0.11087E+00	-0.76863E-03	0.11105E+00	0.00000E+00
8	-0.12225E+00	-0.61200E-03	0.12240E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.43798E-01	-0.42793E-03	0.43927E-01	0.00000E+00
11	-0.83840E-01	-0.10007E-02	0.84180E-01	0.00000E+00
12	-0.94971E-01	-0.12215E-02	0.95427E-01	0.00000E+00
13	-0.11124E+00	-0.11504E-02	0.11171E+00	0.00000E+00
14	-0.12308E+00	-0.95613E-03	0.12376E+00	0.00000E+00
15	-0.11211E+00	-0.20505E-02	0.11366E+00	0.00000E+00
16	-0.12447E+00	-0.16046E-02	0.12605E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.43158E-01	-0.75286E-03	0.44356E-01	0.00000E+00
19	-0.83645E-01	-0.19312E-02	0.85672E-01	0.00000E+00
20	-0.95485E-01	-0.24337E-02	0.97661E-01	0.00000E+00
21	-0.11305E+00	-0.23955E-02	0.11559E+00	0.00000E+00
22	-0.12646E+00	-0.20344E-02	0.12935E+00	0.00000E+00
23	-0.11429E+00	-0.33213E-02	0.11835E+00	0.00000E+00
24	-0.12913E+00	-0.25722E-02	0.13384E+00	0.00000E+00
25	-0.13071E+00	-0.32928E-02	0.13661E+00	0.00000E+00
26	-0.13165E+00	-0.33910E-02	0.13825E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.42141E-01	-0.57571E-03	0.43877E-01	0.00000E+00
29	-0.82618E-01	-0.16865E-02	0.85765E-01	0.00000E+00
30	-0.95275E-01	-0.27046E-02	0.98897E-01	0.00000E+00
31	-0.11494E+00	-0.34804E-02	0.12049E+00	0.00000E+00
32	-0.13260E+00	-0.33411E-02	0.13998E+00	0.00000E+00
33	-0.11498E+00	-0.35416E-02	0.12086E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.41810E-01	-0.32204E-03	0.43326E-01	0.00000E+00
36	-0.82127E-01	-0.12997E-02	0.84909E-01	0.00000E+00
37	-0.94809E-01	-0.19482E-02	0.97911E-01	0.00000E+00
38	-0.11497E+00	-0.29116E-02	0.12073E+00	0.00000E+00
39	-0.13383E+00	-0.36052E-02	0.14262E+00	0.00000E+00
40	-0.13359E+00	-0.35955E-02	0.14204E+00	0.00000E+00
41	-0.13334E+00	-0.35844E-02	0.14149E+00	0.00000E+00
42	-0.13307E+00	-0.35590E-02	0.14085E+00	0.00000E+00
43	-0.93763E-01	-0.74605E-03	0.94057E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.40367E-01	0.21935E-03	0.39745E-01	0.00000E+00
46	-0.79723E-01	-0.57645E-04	0.77605E-01	0.00000E+00
47	-0.13390E+00	-0.36053E-02	0.14277E+00	0.00000E+00
48	-0.13392E+00	-0.36056E-02	0.14281E+00	0.00000E+00
49	-0.11492E+00	-0.27008E-02	0.12049E+00	0.00000E+00
50	-0.13400E+00	-0.36430E-02	0.14326E+00	0.00000E+00
51	-0.11345E+00	-0.15751E-02	0.11427E+00	0.00000E+00
52	-0.13107E+00	-0.41091E-02	0.13266E+00	0.00000E+00
53	-0.13385E+00	-0.35986E-02	0.14268E+00	0.00000E+00
54	-0.91771E-01	-0.58024E-03	0.89130E-01	0.00000E+00
55	-0.11085E+00	-0.16368E-02	0.10751E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.38339E-01	0.58919E-03	0.34643E-01	0.00000E+00
58	-0.75759E-01	0.45722E-03	0.68381E-01	0.00000E+00
59	-0.12662E+00	-0.31505E-02	0.12296E+00	0.00000E+00
60	-0.12982E+00	-0.38229E-02	0.12956E+00	0.00000E+00
61	-0.13403E+00	-0.36723E-02	0.14353E+00	0.00000E+00
62	-0.87333E-01	0.34412E-03	0.78472E-01	0.00000E+00
63	-0.10453E+00	-0.45462E-03	0.93642E-01	0.00000E+00
64	-0.13193E+00	-0.41896E-02	0.13375E+00	0.00000E+00
65	-0.13405E+00	-0.37002E-02	0.14380E+00	0.00000E+00
66	-0.13426E+00	-0.37551E-02	0.14434E+00	0.00000E+00
67	-0.13446E+00	-0.38092E-02	0.14489E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.36540E-01	0.10012E-02	0.29371E-01	0.00000E+00
70	-0.71023E-01	0.18325E-02	0.57470E-01	0.00000E+00
71	-0.12034E+00	-0.13534E-02	0.10768E+00	0.00000E+00
72	-0.13232E+00	-0.43608E-02	0.13222E+00	0.00000E+00
73	-0.97799E-01	0.13423E-02	0.78935E-01	0.00000E+00
74	-0.13677E+00	-0.47315E-02	0.13664E+00	0.00000E+00
75	-0.13463E+00	-0.38496E-02	0.14541E+00	0.00000E+00
76	-0.13574E+00	-0.39195E-02	0.14634E+00	0.00000E+00
77	-0.11208E+00	0.25753E-03	0.90006E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.34946E-01	0.16042E-02	0.24537E-01	0.00000E+00
80	-0.66532E-01	0.27461E-02	0.46657E-01	0.00000E+00
81	-0.75604E-01	0.32418E-02	0.53016E-01	0.00000E+00
82	-0.89770E-01	0.26587E-02	0.62812E-01	0.00000E+00
83	-0.13466E+00	-0.28515E-02	0.12075E+00	0.00000E+00
84	-0.11841E+00	-0.71198E-04	0.86351E-01	0.00000E+00
85	-0.13807E+00	-0.40110E-02	0.14757E+00	0.00000E+00
86	-0.14176E+00	-0.47709E-02	0.14170E+00	0.00000E+00
87	-0.10283E+00	0.19704E-02	0.72210E-01	0.00000E+00
88	-0.13958E+00	-0.39698E-02	0.13180E+00	0.00000E+00
89	-0.14018E+00	-0.40872E-02	0.14876E+00	0.00000E+00
90	-0.74798E-01	0.18817E-02	0.36421E-01	0.00000E+00
91	-0.81877E-01	0.10633E-02	0.38630E-01	0.00000E+00
92	-0.86751E-01	0.25719E-03	0.40415E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.26896E-01	0.00000E+00	0.56358E-02	0.00000E+00
95	-0.49914E-01	0.00000E+00	0.10781E-01	0.00000E+00
96	-0.55560E-01	0.00000E+00	0.12040E-01	0.00000E+00
97	-0.63830E-01	0.00000E+00	0.14555E-01	0.00000E+00
98	-0.66235E-01	0.00000E+00	0.15685E-01	0.00000E+00
99	-0.72844E-01	0.84413E-03	0.27273E-01	0.00000E+00
100	-0.94222E-01	-0.16790E-04	0.48521E-01	0.00000E+00
101	-0.13097E+00	-0.26390E-02	0.93378E-01	0.00000E+00
102	-0.14573E+00	-0.41691E-02	0.15050E+00	0.00000E+00
103	-0.14307E+00	-0.39580E-02	0.12773E+00	0.00000E+00
104	-0.15022E+00	-0.49610E-02	0.14820E+00	0.00000E+00
105	-0.15039E+00	-0.42423E-02	0.15210E+00	0.00000E+00
106	-0.14885E+00	-0.50105E-02	0.13249E+00	0.00000E+00
107	-0.15668E+00	-0.53893E-02	0.15295E+00	0.00000E+00
108	-0.15438E+00	-0.42755E-02	0.15356E+00	0.00000E+00
109	-0.15762E+00	-0.42951E-02	0.15483E+00	0.00000E+00
110	-0.15657E+00	-0.68198E-02	0.13774E+00	0.00000E+00
111	-0.16151E+00	-0.59839E-02	0.15644E+00	0.00000E+00
112	-0.16032E+00	-0.42906E-02	0.15591E+00	0.00000E+00
113	-0.15929E+00	-0.65723E-02	0.14299E+00	0.00000E+00
114	-0.16227E+00	-0.42608E-02	0.15677E+00	0.00000E+00
115	-0.16365E+00	-0.42187E-02	0.15741E+00	0.00000E+00
116	-0.16430E+00	-0.41719E-02	0.15777E+00	0.00000E+00

117	-0.16343E+00	-0.61574E-02	0.15789E+00	0.00000E+00
118	-0.16433E+00	-0.41481E-02	0.15787E+00	0.00000E+00
119	-0.16423E+00	-0.40966E-02	0.15790E+00	0.00000E+00
120	-0.16435E+00	-0.33069E-02	0.15876E+00	0.00000E+00
121	-0.16414E+00	-0.40252E-02	0.15785E+00	0.00000E+00
122	-0.16414E+00	-0.39575E-02	0.15797E+00	-0.16603E-04
123	-0.16409E+00	-0.38115E-02	0.15806E+00	-0.30161E-04
124	-0.16400E+00	-0.35747E-02	0.15815E+00	-0.46632E-04
125	-0.16384E+00	-0.32228E-02	0.15824E+00	-0.67905E-04
126	-0.16345E+00	-0.23666E-02	0.15839E+00	-0.98392E-04
127	-0.16294E+00	-0.12921E-02	0.15853E+00	-0.11240E-03
128	-0.16185E+00	0.11926E-02	0.15883E+00	-0.10578E-03
129	-0.16100E+00	0.32410E-02	0.15910E+00	-0.77751E-04
130	-0.16043E+00	0.47468E-02	0.15940E+00	-0.38619E-04
131	-0.16033E+00	0.52000E-02	0.15985E+00	0.11740E-04
132	-0.16069E+00	0.41331E-02	0.16027E+00	0.30935E-04
133	-0.16108E+00	0.27972E-02	0.16064E+00	0.26368E-04
134	-0.16130E+00	0.19206E-02	0.16095E+00	0.15006E-04
135	-0.16141E+00	0.14548E-02	0.16121E+00	0.95470E-05
136	-0.16148E+00	0.10164E-02	0.16139E+00	0.11177E-04
137	-0.16153E+00	0.56440E-03	0.16150E+00	0.10726E-04
138	-0.16156E+00	0.87036E-04	0.16156E+00	0.11601E-04
139	-0.16156E+00	0.10505E-04	0.16156E+00	0.10550E-04

708

000742

5622

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9400E+01

709

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.26827E-01	-0.33615E-01	0.59244E-01	-0.53800E+01	-0.40294E-01	0.54131E+01
2	0.91972E-01	-0.35297E-01	0.11906E+00	-0.49606E+01	-0.53894E-01	0.49500E+01
3	0.14562E+00	-0.24420E-01	0.13089E+00	-0.41973E+01	0.51072E-02	0.41967E+01
4	-0.22786E+00	-0.93029E-01	-0.20459E+00	-0.35036E+01	0.10443E+00	0.35695E+01
5	0.85617E-01	0.64661E-02	0.93393E-01	-0.35267E+01	0.31881E-01	0.35741E+01
6	-0.17469E+00	-0.11754E-01	0.37498E-01	-0.35933E+01	0.78274E-01	0.36411E+01
7	-0.14907E+00	-0.15167E-01	0.11442E-01	-0.26610E+01	0.58034E-01	0.26556E+01
8	-0.31267E+00	-0.17896E-01	-0.73388E-02	-0.26683E+01	0.13686E+00	0.27275E+01
9	-0.74382E-01	-0.26758E+00	-0.89452E-01	-0.53263E+01	-0.51347E-03	0.54101E+01
10	-0.48644E-01	-0.32642E+00	-0.18354E-01	-0.49693E+01	0.26333E-01	0.50371E+01
11	-0.93226E-01	-0.30976E+00	0.20990E+00	-0.43748E+01	0.15732E+00	0.44277E+01
12	-0.63004E+00	-0.28358E+00	-0.18671E+00	-0.36869E+01	0.28848E+00	0.36417E+01
13	-0.13591E+00	-0.13979E+00	0.12453E+00	-0.37676E+01	0.11782E+00	0.38229E+01
14	-0.56656E+00	-0.21233E+00	-0.23538E-01	-0.38671E+01	0.24596E+00	0.39980E+01
15	-0.62661E+00	-0.75670E-01	-0.64735E-01	-0.28517E+01	0.30534E+00	0.28426E+01
16	-0.78031E+00	-0.71391E-01	-0.31195E-01	-0.29573E+01	0.36237E+00	0.30343E+01
17	-0.55882E-02	-0.24456E+00	-0.37475E-01	-0.52060E+01	-0.40405E-01	0.54021E+01
18	0.10070E+00	-0.35755E+00	0.70200E-01	-0.49395E+01	-0.76285E-01	0.51239E+01
19	0.21401E+00	-0.45677E+00	0.36181E+00	-0.45080E+01	-0.66982E-01	0.47419E+01
20	-0.83293E+00	-0.36510E+00	-0.13782E+00	-0.39720E+01	0.37616E+00	0.39983E+01
21	-0.67605E-01	-0.43173E+00	0.13177E+00	-0.41221E+01	-0.83477E-02	0.44524E+01
22	-0.79471E+00	-0.90342E+00	-0.28719E+00	-0.42893E+01	0.23599E+00	0.47794E+01
23	-0.10560E+01	-0.99408E-01	-0.62930E-01	-0.32973E+01	0.51201E+00	0.33818E+01
24	-0.20754E+01	-0.59663E+00	-0.59042E+00	-0.35844E+01	0.82649E+00	0.35795E+01
25	-0.10149E+01	-0.37357E+00	-0.54391E-01	-0.37102E+01	0.45991E+00	0.40511E+01
26	-0.29710E+01	-0.16129E+01	-0.12799E+01	-0.39240E+01	0.98704E+00	0.44711E+01
27	0.96388E-01	-0.92525E-01	0.56335E-01	-0.51000E+01	-0.85416E-01	0.53345E+01
28	0.25122E+00	-0.22503E+00	0.16518E+00	-0.48369E+01	-0.22353E+00	0.51256E+01
29	0.62578E+00	-0.36947E+00	0.47285E+00	-0.43242E+01	-0.59288E+00	0.48855E+01
30	-0.18825E+00	-0.48895E+00	0.14251E+00	-0.42945E+01	0.54110E-01	0.47741E+01
31	0.20049E+00	-0.59654E+00	0.17621E+00	-0.41073E+01	-0.39809E+00	0.49485E+01
32	-0.26011E+00	-0.68877E+00	-0.66235E-03	-0.39950E+01	-0.21131E+00	0.50222E+01
33	-0.22809E+01	-0.12566E+01	-0.86870E+00	-0.42509E+01	0.63987E+00	0.46941E+01
34	-0.53355E+01	-0.33469E+01	-0.29097E+01	-0.44503E+01	0.13135E+01	0.50683E+01
35	-0.95152E+00	-0.38713E+00	0.55814E-01	-0.44341E+01	0.43782E+00	0.50670E+01
36	0.42161E+00	0.23279E+00	0.78210E+00	-0.41094E+01	-0.26183E+00	0.52069E+01
37	-0.15880E+01	-0.13363E+01	-0.58368E+00	-0.45540E+01	0.46943E+00	0.53598E+01
38	0.29574E+00	0.18212E+00	0.20347E+00	-0.50030E+01	-0.12984E+00	0.50771E+01
39	0.53245E+00	0.10961E+00	0.27830E+00	-0.48064E+01	-0.38898E+00	0.48620E+01
40	0.80370E+00	-0.25614E+00	0.39641E+00	-0.43131E+01	-0.11696E+01	0.48254E+01
41	0.11607E+01	0.43767E+00	0.51222E+00	-0.45331E+01	-0.10361E+01	0.47211E+01
42	0.15856E+01	0.86118E-01	0.36215E+00	-0.43711E+01	-0.13272E+01	0.42426E+01
43	0.62004E+00	-0.65453E-02	0.51286E+00	-0.41315E+01	-0.68140E+00	0.50407E+01
44	0.11040E+01	0.20949E+00	0.67717E+00	-0.40598E+01	-0.11853E+01	0.44195E+01
45	0.17895E+01	0.57218E+00	0.89835E+00	-0.42747E+01	-0.11032E+01	0.44081E+01
46	0.90146E+00	-0.21599E+00	0.16105E+00	-0.41072E+01	-0.77554E+00	0.40023E+01
47	-0.40242E+00	-0.62455E+00	0.13626E+00	-0.43329E+01	-0.16797E+00	0.54076E+01
48	0.29970E+00	-0.24847E+00	0.60326E+00	-0.45689E+01	-0.32848E+00	0.54536E+01
49	0.71638E+00	-0.23247E+00	0.62536E+00	-0.44900E+01	-0.95389E+00	0.57357E+01
50	0.41235E+01	0.10395E+01	0.23185E+01	-0.38741E+01	-0.26826E+01	0.40588E+01
51	0.98073E+00	0.70618E+00	0.13512E+01	-0.18630E+00	-0.36194E+00	0.10776E+01
52	0.15296E+01	0.10466E+00	0.11662E+01	0.11494E+01	-0.14671E+01	-0.42472E+01
53	0.15718E+01	-0.39441E+00	0.37370E+01	-0.35159E+01	-0.12572E+01	0.36120E+01
54	0.65047E+00	0.63722E+00	0.46833E+00	-0.47853E+01	-0.17041E+00	0.45417E+01

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55	0.93583E+00	0.41643E+00	0.39270E+00	-0.46473E+01	-0.47194E+00	0.43695E+01
56	0.17302E+01	0.25376E+00	0.17343E+00	-0.42229E+01	-0.12958E+01	0.39616E+01
57	0.15252E+01	0.19016E+00	0.35720E+00	-0.38388E+01	-0.94513E+00	0.36447E+01
58	0.16750E+01	0.59551E-01	0.30324E+00	-0.32922E+01	-0.11234E+01	0.32246E+01
59	0.36995E+00	0.58730E+00	0.33756E+00	-0.46959E+01	0.16192E-01	0.42302E+01
60	0.11015E+01	0.10823E+01	0.74779E+00	-0.44578E+01	-0.34168E+00	0.35820E+01
61	0.92935E+00	0.94033E+00	0.56505E+00	-0.44217E+01	-0.28920E+00	0.35801E+01
62	0.63706E+00	0.10292E+01	0.56345E+00	-0.42712E+01	0.36806E-01	0.29933E+01
63	0.11372E+01	0.71031E+00	0.45496E+00	-0.43406E+01	-0.49193E+00	0.37655E+01
64	0.12665E+01	0.10615E+01	0.54312E+00	-0.39819E+01	-0.43511E+00	0.30494E+01
65	0.19613E+01	0.46692E+00	0.49816E-01	-0.40463E+01	-0.13393E+01	0.36768E+01
66	0.24604E+01	0.71114E+00	0.35738E-01	-0.36177E+01	-0.15146E+01	0.29915E+01
67	0.19839E+01	0.10300E+01	-0.12575E+00	-0.31926E+01	-0.11897E+01	0.22763E+01
68	0.20070E+01	0.49458E+00	0.44091E+00	-0.35697E+01	-0.10747E+01	0.32804E+01
69	0.17283E+01	0.51648E+00	0.24639E+00	-0.34127E+01	-0.87040E+00	0.28352E+01
70	0.25259E+01	0.88170E+00	0.56263E+00	-0.29553E+01	-0.11114E+01	0.20922E+01
71	0.20637E+01	0.33531E+00	0.27879E+00	-0.31130E+01	-0.11599E+01	0.27207E+01
72	0.24160E+01	0.51239E+00	0.28544E+00	-0.28356E+01	-0.11534E+01	0.21978E+01
73	0.58377E+00	0.63224E+00	0.31059E+00	-0.37939E+01	-0.11047E+00	0.13407E+01
74	0.91674E+00	0.60405E+00	0.10492E+00	-0.33768E+01	-0.32235E+00	0.16576E+01
75	0.17446E+01	0.58208E+00	-0.59193E+00	-0.28081E+01	-0.91283E+00	0.13730E+01
76	0.21037E+01	0.55340E+00	0.16411E+00	-0.31031E+01	-0.82264E+00	0.20941E+01
77	0.15261E+01	0.77053E+00	0.46339E-02	-0.20670E+01	-0.56138E+00	0.82745E+00
78	0.16356E+01	0.61573E+00	-0.96233E-01	-0.17002E+01	-0.59157E+00	0.53960E+00
79	0.25112E+01	0.60625E+00	0.22293E+00	-0.22162E+01	-0.93364E+00	0.12377E+01
80	0.27712E+01	0.74383E+00	0.32965E+00	-0.15542E+01	-0.66718E+00	0.46711E+00
81	0.14270E+01	0.33911E+00	-0.34113E+00	-0.85153E+00	-0.57342E+00	0.22739E+00
82	0.16963E+01	0.61954E+00	-0.14749E+00	-0.76298E+00	-0.56035E+00	0.24265E+00
83	0.24687E+01	0.36815E+00	-0.98446E-03	-0.13741E+01	-0.64312E+00	0.48930E+00
84	0.30237E+01	0.66864E+00	0.31211E+00	-0.15277E+01	-0.10460E+01	0.51885E+00
85	0.34381E+01	0.51584E+00	0.43670E+00	-0.21474E+01	-0.12987E+01	0.14010E+01
86	0.33929E+01	0.51380E+00	0.32563E+00	-0.16984E+01	-0.12658E+01	0.96205E+00
87	0.23108E+01	0.17663E+00	-0.13455E-01	-0.22300E+01	-0.11822E+01	0.15243E+01
88	0.24523E+01	0.31361E+00	0.27793E+00	-0.24031E+01	-0.13865E+01	0.21319E+01
89	0.26822E+01	0.38188E+00	0.37027E+00	-0.21328E+01	-0.14947E+01	0.19243E+01
90	0.23349E+01	0.21535E+00	0.13749E+00	-0.15646E+01	-0.15948E+01	0.98194E+00
91	0.30937E+01	0.65191E+00	0.53154E+00	-0.14489E+01	-0.17017E+01	0.13482E+01
92	0.30283E+01	0.52857E+00	0.43154E+00	-0.10879E+01	-0.16844E+01	0.89704E+00
93	0.18862E+01	-0.72381E+00	0.38346E+00	-0.25587E+01	-0.14639E+01	0.29591E+01
94	0.20396E+01	0.20314E+00	0.66368E+00	-0.25931E+01	-0.13085E+01	0.28619E+01
95	0.13975E+01	0.80325E+00	0.72253E+00	-0.19237E+01	-0.12197E+01	0.21518E+01
96	0.17852E+01	0.15767E+00	0.33416E+00	-0.26531E+01	-0.12128E+01	0.25056E+01
97	0.12022E+01	0.53696E+00	0.50063E+00	-0.21877E+01	-0.12064E+01	0.18580E+01
98	0.15016E+01	0.33324E+00	0.28683E+00	-0.13784E+01	-0.11231E+01	0.18289E+01
99	0.15430E+01	-0.25506E+00	-0.82848E-01	-0.21420E+01	-0.11335E+01	0.19522E+01
100	0.12994E+01	-0.35693E-01	0.51452E-02	-0.16138E+01	-0.11043E+01	0.13808E+01
101	0.16256E+01	0.32231E+00	0.30887E+00	-0.12355E+01	-0.11140E+01	0.10541E+01
102	0.12610E+01	-0.14617E+00	-0.26380E+00	-0.12359E+01	-0.10810E+01	0.10067E+01
103	0.10006E+01	0.26568E+00	-0.75767E-02	-0.55300E+00	-0.96940E+00	0.51852E+00
104	0.10355E+01	0.32512E+00	0.20210E-01	-0.24382E+00	-0.96585E+00	0.33195E+00
105	0.20451E+01	0.11331E-01	0.87138E+00	-0.22678E+01	-0.18302E+01	0.27603E+01
106	0.32401E+01	0.19632E+01	0.25639E+01	-0.19482E+00	-0.20114E+01	0.12864E+01
107	0.24652E+01	0.13250E+01	0.19119E+01	-0.12231E+01	-0.19181E+01	0.19672E+01
108	0.20081E+01	0.11256E+01	0.16501E+01	-0.12691E+01	-0.18223E+01	0.19801E+01
109	0.17929E+01	0.10333E+01	0.16110E+01	-0.52536E+00	-0.18137E+01	0.12946E+01
110	0.19005E+00	-0.23955E+00	0.33922E+00	-0.17899E+01	-0.16413E+01	0.20473E+01
111	-0.42737E+00	-0.29912E+00	0.20937E+00	-0.13044E+01	-0.14928E+01	0.11153E+01
112	-0.46476E+00	-0.33379E+00	0.15058E+00	-0.20047E+01	-0.14821E+01	0.11050E+01
113	-0.74051E+00	-0.44877E+00	-0.26953E+00	-0.21273E+01	-0.12115E+01	0.21635E+01
114	-0.92837E+00	-0.62339E+00	-0.19641E+00	-0.18040E+01	-0.11085E+01	0.10791E+01

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115	-0.10170E+01	-0.67674E+00	-0.36453E+00	-0.30990E+01	-0.10687E+01	0.10471E+01
116	-0.33433E+00	-0.36614E+00	-0.22059E+00	-0.23853E+01	-0.77234E+00	0.18711E+01
117	0.12793E+00	0.30000E-02	0.15733E+00	-0.26218E+01	-0.56488E+00	0.97891E+00
118	0.26667E-01	-0.54306E-01	-0.38013E-01	-0.22621E+01	-0.51784E+00	0.90470E+00
119	0.88038E-01	-0.39727E+00	-0.26926E+00	-0.18711E+01	-0.35140E+00	0.14032E+01
120	0.47934E+00	0.20172E+00	0.99495E-01	-0.19034E+01	-0.19188E+00	0.80576E+00
121	0.41127E+00	0.15982E+00	-0.28776E-01	-0.16096E+01	-0.16178E+00	0.70602E+00
122	-0.64831E-01	-0.71939E+00	-0.60622E+00	-0.14982E+01	-0.60122E-01	0.10687E+01
123	0.17599E+00	0.33617E-02	-0.28075E+00	-0.12876E+01	-0.81600E-01	0.53563E+00
124	0.14083E+00	-0.18545E-01	-0.34676E+00	-0.98346E+00	0.97024E-01	0.46865E+00
125	0.23702E+00	-0.17650E+00	-0.34945E+00	-0.77168E+00	0.10012E+00	0.52040E+00
126	0.18605E+00	0.32523E-02	-0.35540E+00	-0.61763E+00	0.16937E+00	0.31829E+00
127	0.18079E+00	-0.10790E-02	-0.36622E+00	-0.30119E+00	0.17115E+00	0.23024E+00
128	-0.23900E+00	-0.38332E+00	-0.65963E+00	-0.40560E+00	0.19708E+00	0.25912E+00
129	-0.62595E+00	-0.49292E+00	-0.87731E+00	-0.23149E+00	0.27560E+00	0.95504E-01
183	0.25112E+01	-0.13390E+00	0.99718E+00	-0.36408E+01	-0.19317E+01	0.40570E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9400E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	0.31624E+00	0.21082E+01	-0.17920E+01	-0.65312E+02	0.18638E+02	0.29409E+02
131	-0.22800E-02	-0.15200E-01	0.12920E-01	-0.14904E+03	0.28660E+02	0.86506E+02
132	0.96602E-01	0.64401E+00	-0.54741E+00	-0.24817E+03	0.46054E+02	0.14718E+03
133	0.19685E-01	0.12457E+00	-0.10588E+00	-0.35769E+03	0.64307E+02	0.21391E+03
134	0.34459E-01	0.22973E+00	-0.19527E+00	-0.48020E+03	0.84010E+02	0.29252E+03
135	0.15991E+00	0.10661E+01	-0.90614E+00	-0.56897E+03	0.10112E+03	0.36203E+03
136	-0.32711E-02	-0.21808E-01	0.18536E-01	-0.64439E+03	0.10786E+03	0.40973E+03
137	-0.75983E-01	-0.50659E+00	0.43060E+00	-0.64367E+03	0.12198E+03	0.43136E+03
138	0.63747E+00	0.42493E+01	-0.29797E+01	-0.65964E+03	0.24430E+03	0.46466E+03
139	0.33480E+00	0.22320E+01	0.30997E+00	-0.64290E+03	0.48904E+03	0.49057E+03
140	-0.98637E+00	-0.65758E+01	0.55894E+01	-0.80773E+03	0.59288E+03	0.55455E+03
141	-0.96915E+00	-0.64610E+01	0.54918E+01	-0.80739E+03	0.60275E+03	0.58992E+03
142	-0.11146E+01	-0.74308E+01	0.63161E+01	-0.84110E+03	0.60480E+03	0.62506E+03
143	-0.11474E+01	-0.76497E+01	0.65022E+01	0.28865E+03	0.77274E+03	-0.47756E+03
144	-0.12106E+01	-0.80708E+01	0.68602E+01	0.28749E+03	0.75874E+03	-0.44628E+03
145	0.14132E+01	0.94216E+01	-0.68533E+01	-0.11007E+03	0.57556E+03	-0.11374E+04
146	0.58451E+00	0.38967E+01	-0.55614E+01	-0.16299E+03	0.42657E+03	-0.10009E+04
147	0.59983E+00	0.39989E+01	-0.54772E+01	-0.15012E+03	0.44033E+03	-0.98470E+03
148	0.61793E+00	0.41195E+01	0.97808E+00	-0.14458E+03	0.45512E+03	-0.98776E+03
149	0.63923E+00	0.42616E+01	0.89081E+00	-0.13880E+03	0.47243E+03	-0.10077E+04
150	0.73400E+00	0.48933E+01	0.61441E-01	-0.84864E+02	0.51526E+03	-0.97860E+03
151	0.88474E+00	0.58982E+01	0.22445E+02	-0.68973E+02	0.58435E+03	-0.10029E+04
152	0.83204E+00	0.55470E+01	0.40874E+02	-0.71537E+02	0.54855E+03	-0.99437E+03
153	0.74866E+00	0.49911E+01	0.36318E+02	-0.53945E+02	0.49516E+03	-0.97150E+03
154	0.55286E+00	0.36857E+01	0.70496E+02	-0.36836E+02	0.36609E+03	-0.94347E+03
155	0.26809E+00	0.17873E+01	0.58504E+02	-0.56351E+02	0.17175E+03	-0.88137E+03
156	0.36472E-01	0.24315E+00	0.49746E+02	-0.34245E+02	0.19379E+02	-0.81509E+03
157	-0.14998E+00	-0.99939E+00	0.39928E+02	-0.38016E+02	-0.10652E+03	-0.72306E+03
158	-0.29820E+00	-0.19830E+01	0.33110E+02	-0.25600E+02	-0.20428E+03	-0.63340E+03
159	-0.41004E+00	-0.27336E+01	0.23546E+02	-0.80710E+01	-0.27683E+03	-0.52042E+03
160	-0.48598E+00	-0.32398E+01	0.16602E+02	-0.18656E+01	-0.32694E+03	-0.41484E+03
161	-0.58307E+00	-0.38871E+01	0.81838E+01	-0.85885E+00	-0.36717E+03	-0.28710E+03
162	-0.60362E+00	-0.40241E+01	-0.11351E+00	-0.74250E+00	-0.35672E+03	-0.19583E+03
163	-0.68920E+00	-0.45947E+01	-0.11544E+01	0.18194E+02	-0.40443E+03	-0.13379E+03
164	-0.68019E+00	-0.45346E+01	-0.23387E+01	0.31771E+02	-0.39707E+03	-0.85556E+02

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165	-0.35811E+03	-0.54723E+02	0.96886E-01	-0.11521E+02	-0.39998E+03	-0.64255E+02
166	-0.28721E+03	-0.40411E+02	-0.36560E+01	-0.67900E+01	-0.37181E+03	-0.59083E+02
167	-0.22679E+03	-0.29567E+02	-0.49455E+01	-0.41454E+01	-0.31782E+03	-0.54841E+02
168	-0.17288E+03	-0.21298E+02	-0.50258E+01	-0.14818E+01	-0.26256E+03	-0.51295E+02
169	-0.11096E+03	-0.10827E+02	-0.60403E+01	0.91266E+00	-0.22621E+03	-0.47374E+02
170	-0.50164E+02	0.38777E+00	-0.80276E+01	0.36004E+01	-0.20460E+03	-0.42887E+02
171	0.13597E+02	0.11211E+02	-0.91842E+01	0.71783E+01	-0.16518E+03	-0.36536E+02
172	0.49120E+02	0.16052E+02	-0.83759E+01	0.10728E+02	-0.11311E+03	-0.29524E+02
173	0.49801E+02	0.13009E+02	-0.52396E+01	0.12361E+02	-0.65852E+02	-0.24395E+02
174	0.31723E+02	0.65400E+01	-0.16409E+01	0.12586E+02	-0.30870E+02	-0.20427E+02
175	0.78993E+01	0.58524E+00	0.54568E+00	0.10349E+02	-0.18343E+02	-0.18139E+02
176	-0.13618E+01	-0.10528E+01	0.75397E+00	0.81076E+01	-0.20338E+02	-0.16606E+02
177	-0.27040E+01	-0.81487E+00	0.35261E+00	0.59457E+01	-0.21602E+02	-0.13546E+02
178	-0.91409E+00	-0.12561E+00	-0.15045E-01	0.41600E+01	-0.16137E+02	-0.97836E+01
179	0.23110E+00	0.82350E-01	-0.40801E-01	0.32276E+01	-0.11564E+02	-0.69499E+01
180	-0.55576E-01	0.20613E-01	-0.27859E-01	0.22671E+01	-0.68813E+01	-0.42274E+01
181	0.97772E-01	0.10294E+00	-0.77794E-01	0.15259E+01	-0.31741E+01	-0.15158E+01
182	-0.46440E+00	-0.21567E+00	0.12697E+00	0.43500E+00	0.67380E+00	0.45984E-02

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9500E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.60435E-01	-0.51586E-04	-0.61101E-01	0.00000E+00
3	0.11430E+00	0.21775E-03	-0.11427E+00	0.00000E+00
4	0.12831E+00	0.23147E-03	-0.12784E+00	0.00000E+00
5	0.14769E+00	-0.19531E-04	-0.14764E+00	0.00000E+00
6	0.16120E+00	0.12416E-04	-0.16121E+00	0.00000E+00
7	0.14787E+00	0.12862E-02	-0.14804E+00	0.00000E+00
8	0.16163E+00	0.11075E-02	-0.16181E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.59731E-01	0.64584E-03	-0.59718E-01	0.00000E+00
11	0.11317E+00	0.15646E-02	-0.11343E+00	0.00000E+00
12	0.12760E+00	0.19303E-02	-0.12801E+00	0.00000E+00
13	0.14817E+00	0.19063E-02	-0.14863E+00	0.00000E+00
14	0.16263E+00	0.17070E-02	-0.16362E+00	0.00000E+00
15	0.14913E+00	0.31592E-02	-0.15092E+00	0.00000E+00
16	0.16429E+00	0.26475E-02	-0.16617E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.58518E-01	0.11066E-02	-0.59884E-01	0.00000E+00
19	0.11242E+00	0.28456E-02	-0.11473E+00	0.00000E+00
20	0.12780E+00	0.35939E-02	-0.13026E+00	0.00000E+00
21	0.15012E+00	0.36421E-02	-0.15306E+00	0.00000E+00
22	0.16670E+00	0.32538E-02	-0.17016E+00	0.00000E+00
23	0.15153E+00	0.49141E-02	-0.15629E+00	0.00000E+00
24	0.16994E+00	0.40385E-02	-0.17564E+00	0.00000E+00
25	0.17186E+00	0.50514E-02	-0.17903E+00	0.00000E+00
26	0.17302E+00	0.52264E-02	-0.18105E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.56860E-01	0.89823E-03	-0.58774E-01	0.00000E+00
29	0.11056E+00	0.28380E-02	-0.11405E+00	0.00000E+00
30	0.12700E+00	0.40314E-02	-0.13104E+00	0.00000E+00
31	0.15208E+00	0.52061E-02	-0.15862E+00	0.00000E+00
32	0.17417E+00	0.52279E-02	-0.18318E+00	0.00000E+00
33	0.15204E+00	0.53222E-02	-0.15899E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.56336E-01	0.57789E-03	-0.57935E-01	0.00000E+00
36	0.10977E+00	0.20974E-02	-0.11272E+00	0.00000E+00
37	0.12622E+00	0.30859E-02	-0.12949E+00	0.00000E+00
38	0.15195E+00	0.45204E-02	-0.15871E+00	0.00000E+00
39	0.17567E+00	0.55726E-02	-0.18645E+00	0.00000E+00
40	0.17537E+00	0.55582E-02	-0.18574E+00	0.00000E+00
41	0.17507E+00	0.55421E-02	-0.18506E+00	0.00000E+00
42	0.17474E+00	0.55070E-02	-0.18426E+00	0.00000E+00
43	0.12460E+00	0.14882E-02	-0.12403E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.54185E-01	-0.14282E-03	-0.52657E-01	0.00000E+00
46	0.10612E+00	0.41052E-03	-0.10222E+00	0.00000E+00
47	0.17575E+00	0.55726E-02	-0.18664E+00	0.00000E+00
48	0.17577E+00	0.55732E-02	-0.18668E+00	0.00000E+00
49	0.15186E+00	0.42485E-02	-0.15835E+00	0.00000E+00
50	0.17588E+00	0.56249E-02	-0.18724E+00	0.00000E+00
51	0.14971E+00	0.27262E-02	-0.14986E+00	0.00000E+00
52	0.17195E+00	0.61168E-02	-0.17316E+00	0.00000E+00
53	0.17569E+00	0.55595E-02	-0.18650E+00	0.00000E+00
54	0.12175E+00	0.12157E-02	-0.11707E+00	0.00000E+00
55	0.14612E+00	0.27353E-02	-0.14052E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	0.51355E-01	-0.96296E-03	-0.43547E-01	0.00000E+00
58	0.10059E+00	-0.24917E-03	-0.89268E-01	0.00000E+00
59	0.16593E+00	0.43314E-02	-0.15997E+00	0.00000E+00
60	0.17028E+00	0.57231E-02	-0.16902E+00	0.00000E+00
61	0.17591E+00	0.56644E-02	-0.18758E+00	0.00000E+00
62	0.11552E+00	0.36465E-04	-0.10209E+00	0.00000E+00
63	0.13745E+00	0.11655E-02	-0.12122E+00	0.00000E+00
64	0.17302E+00	0.62316E-02	-0.17452E+00	0.00000E+00
65	0.17595E+00	0.57020E-02	-0.18791E+00	0.00000E+00
66	0.17620E+00	0.57762E-02	-0.18858E+00	0.00000E+00
67	0.17645E+00	0.58499E-02	-0.18926E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.48626E-01	-0.10444E-02	-0.38574E-01	0.00000E+00
70	0.94276E-01	-0.19276E-02	-0.75012E-01	0.00000E+00
71	0.15733E+00	0.24575E-02	-0.13875E+00	0.00000E+00
72	0.17342E+00	0.64399E-02	-0.17235E+00	0.00000E+00
73	0.12851E+00	-0.11926E-02	-0.10176E+00	0.00000E+00
74	0.17894E+00	0.69786E-02	-0.17785E+00	0.00000E+00
75	0.17666E+00	0.59054E-02	-0.18989E+00	0.00000E+00
76	0.17802E+00	0.60033E-02	-0.19103E+00	0.00000E+00
77	0.14641E+00	0.16609E-03	-0.11517E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	0.46714E-01	-0.17650E-02	-0.32563E-01	0.00000E+00
80	0.88349E-01	-0.30529E-02	-0.61021E-01	0.00000E+00
81	0.10013E+00	-0.36442E-02	-0.63971E-01	0.00000E+00
82	0.11823E+00	-0.29620E-02	-0.80883E-01	0.00000E+00
83	0.17509E+00	0.44933E-02	-0.15488E+00	0.00000E+00
84	0.15410E+00	0.27167E-03	-0.10915E+00	0.00000E+00
85	0.18089E+00	0.61316E-02	-0.19253E+00	0.00000E+00
86	0.18505E+00	0.71420E-02	-0.18411E+00	0.00000E+00
87	0.13466E+00	-0.20618E-02	-0.92032E-01	0.00000E+00
88	0.18176E+00	0.60261E-02	-0.17027E+00	0.00000E+00
89	0.18347E+00	0.62411E-02	-0.19398E+00	0.00000E+00
90	0.99519E-01	-0.22279E-02	-0.47104E-01	0.00000E+00
91	0.10856E+00	-0.13420E-02	-0.50099E-01	0.00000E+00
92	0.11469E+00	-0.43596E-03	-0.52366E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.36061E-01	0.00000E+00	-0.67185E-02	0.00000E+00
95	0.67083E-01	0.00000E+00	-0.13345E-01	0.00000E+00
96	0.74704E-01	0.00000E+00	-0.15065E-01	0.00000E+00
97	0.84510E-01	0.00000E+00	-0.18325E-01	0.00000E+00
98	0.88627E-01	0.00000E+00	-0.19784E-01	0.00000E+00
99	0.97232E-01	-0.10837E-02	-0.35087E-01	0.00000E+00
100	0.12397E+00	-0.10312E-03	-0.62525E-01	0.00000E+00
101	0.16969E+00	0.32665E-02	-0.11746E+00	0.00000E+00
102	0.19025E+00	0.63650E-02	-0.19608E+00	0.00000E+00
103	0.18545E+00	0.59166E-02	-0.16339E+00	0.00000E+00
104	0.19537E+00	0.75517E-02	-0.19212E+00	0.00000E+00
105	0.19590E+00	0.64770E-02	-0.19801E+00	0.00000E+00
106	0.19267E+00	0.72383E-02	-0.16925E+00	0.00000E+00
107	0.20319E+00	0.82185E-02	-0.19790E+00	0.00000E+00
108	0.20073E+00	0.65394E-02	-0.19977E+00	0.00000E+00
109	0.20461E+00	0.65833E-02	-0.20128E+00	0.00000E+00
110	0.20242E+00	0.94456E-02	-0.17581E+00	0.00000E+00
111	0.20907E+00	0.90382E-02	-0.20213E+00	0.00000E+00
112	0.20785E+00	0.65968E-02	-0.20256E+00	0.00000E+00
113	0.20592E+00	0.93078E-02	-0.18288E+00	0.00000E+00
114	0.21016E+00	0.65748E-02	-0.20355E+00	0.00000E+00
115	0.21180E+00	0.65362E-02	-0.20428E+00	0.00000E+00
116	0.21254E+00	0.64871E-02	-0.20465E+00	0.00000E+00

714

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117	0.21139E+00	0.92623E-02	-0.20383E+00	0.00000E+00
118	0.21257E+00	0.64611E-02	-0.20474E+00	0.00000E+00
119	0.21250E+00	0.64009E-02	-0.20472E+00	0.00000E+00
120	0.21253E+00	0.94490E-02	-0.20488E+00	0.00000E+00
121	0.21230E+00	0.63143E-02	-0.20460E+00	0.00000E+00
122	0.21229E+00	0.62335E-02	-0.20474E+00	0.19890E-04
123	0.21223E+00	0.60584E-02	-0.20485E+00	0.36221E-04
124	0.21213E+00	0.57740E-02	-0.20495E+00	0.56110E-04
125	0.21194E+00	0.53504E-02	-0.20506E+00	0.81832E-04
126	0.21146E+00	0.43190E-02	-0.20523E+00	0.11859E-03
127	0.21085E+00	0.30255E-02	-0.20540E+00	0.13527E-03
128	0.20953E+00	0.43875E-04	-0.20574E+00	0.12663E-03
129	0.20851E+00	-0.24030E-02	-0.20606E+00	0.92730E-04
130	0.20784E+00	-0.41951E-02	-0.20640E+00	0.45991E-04
131	0.20771E+00	-0.47175E-02	-0.20694E+00	-0.14409E-04
132	0.20814E+00	-0.34503E-02	-0.20743E+00	-0.36503E-04
133	0.20859E+00	-0.19973E-02	-0.20788E+00	-0.30234E-04
134	0.20832E+00	-0.98909E-03	-0.20826E+00	-0.13279E-04
135	0.20839E+00	-0.75502E-03	-0.20857E+00	-0.34807E-05
136	0.20893E+00	-0.53084E-03	-0.20879E+00	-0.65081E-05
137	0.20897E+00	-0.33320E-03	-0.20893E+00	-0.66152E-05
138	0.20900E+00	-0.56609E-04	-0.20900E+00	-0.80552E-05
139	0.20900E+00	-0.65679E-05	-0.20900E+00	-0.66284E-05

715

000749

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9500E+01

716

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.11560E+00	0.10767E-01	-0.11170E+00	0.73701E+01	0.77737E-01	-0.74060E+01
2	-0.26426E+00	0.21014E-01	-0.19144E+00	0.56355E+01	0.11870E+00	-0.66223E+01
3	-0.40900E+00	0.12365E-01	-0.15266E+00	0.54466E+01	0.64673E-01	-0.54627E+01
4	0.22923E+00	0.56127E-01	0.29178E+00	0.44347E+01	-0.13583E+00	-0.45605E+01
5	-0.23768E+00	-0.19227E-01	-0.12182E+00	0.44686E+01	-0.83225E-02	-0.45662E+01
6	0.14760E+00	0.30352E-01	-0.35224E-01	0.45690E+01	-0.68910E-01	-0.46539E+01
7	0.15245E+00	0.47019E-02	-0.12359E-01	0.32742E+01	-0.64079E-01	-0.32763E+01
8	0.33772E+00	0.19623E-01	0.79268E-02	0.32735E+01	-0.15039E+00	-0.33805E+01
9	0.31388E-01	0.38828E+00	0.13964E+00	0.72439E+01	0.10866E-01	-0.73313E+01
10	-0.53804E-03	0.47451E+00	0.49904E-01	0.66260E+01	-0.60927E-02	-0.67121E+01
11	-0.49540E-01	0.44358E+00	-0.24205E+00	0.56891E+01	-0.13247E+00	-0.57741E+01
12	0.74670E+00	0.36849E+00	0.26102E+00	0.46832E+01	-0.34409E+00	-0.46493E+01
13	0.77335E-01	0.21344E+00	-0.14592E+00	0.47943E+01	-0.10937E+00	-0.48951E+01
14	0.63918E+00	0.30328E+00	0.46046E-01	0.49238E+01	-0.26840E+00	-0.51118E+01
15	0.74742E+00	0.11414E+00	0.95708E-01	0.35183E+01	-0.36547E+00	-0.35355E+01
16	0.91400E+00	0.99804E-01	0.41541E-01	0.36556E+01	-0.42429E+00	-0.37883E+01
17	0.15343E-01	0.38531E+00	0.90291E-01	0.70430E+01	0.66920E-01	-0.72666E+01
18	-0.17196E+00	0.54248E+00	-0.45503E-01	0.65674E+01	0.13638E+00	-0.67881E+01
19	-0.44596E+00	0.60538E+00	-0.42145E+00	0.58661E+01	0.17932E+00	-0.61646E+01
20	0.10058E+01	0.51698E+00	0.21371E+00	0.50663E+01	-0.44101E+00	-0.51099E+01
21	-0.77395E-02	0.61211E+00	-0.13701E+00	0.52661E+01	0.65751E-01	-0.57071E+01
22	0.95305E+00	0.12673E+01	0.43368E+00	0.54857E+01	-0.24736E+00	-0.61257E+01
23	0.12751E+01	0.15214E+00	0.96845E-01	0.41065E+01	-0.61618E+00	-0.42444E+01
24	0.25685E+01	0.78449E+00	0.76632E+00	0.44914E+01	-0.10176E+01	-0.45009E+01
25	0.12143E+01	0.54550E+00	0.10314E+00	0.46501E+01	-0.53727E+00	-0.51168E+01
26	0.37907E+01	0.22249E+01	0.17373E+01	0.49509E+01	-0.12205E+01	-0.56634E+01
27	-0.99610E-01	0.20610E+00	-0.16600E-01	0.68792E+01	0.12143E+00	-0.71411E+01
28	-0.33913E+00	0.39871E+00	-0.14392E+00	0.64201E+01	0.31987E+00	-0.67645E+01
29	-0.96625E+00	0.58694E+00	-0.54408E+00	0.56277E+01	0.85480E+00	-0.63346E+01
30	0.18917E+00	0.74541E+00	-0.10722E+00	0.54973E+01	-0.28817E-01	-0.61187E+01
31	-0.31904E+00	0.89570E+00	-0.14763E+00	0.52460E+01	0.57232E+00	-0.63439E+01
32	0.29832E+00	0.10273E+01	0.94211E-01	0.51007E+01	0.31935E+00	-0.64499E+01
33	0.28679E+01	0.17369E+01	0.11841E+01	0.53394E+01	-0.77820E+00	-0.59485E+01
34	0.68830E+01	0.44263E+01	0.38172E+01	0.55906E+01	-0.16543E+01	-0.64319E+01
35	0.13332E+01	0.72344E+00	0.10500E+00	0.55629E+01	-0.54516E+00	-0.64298E+01
36	-0.59871E+00	-0.18475E+00	-0.93636E+00	0.51538E+01	0.38612E+00	-0.66145E+01
37	0.21466E+01	0.19371E+01	0.92282E+00	0.57296E+01	-0.58515E+00	-0.68188E+01
38	-0.34706E+00	-0.14322E+00	-0.19709E+00	0.67288E+01	0.18524E+00	-0.67605E+01
39	-0.69338E+00	-0.34184E-01	-0.27881E+00	0.63549E+01	0.54836E+00	-0.63909E+01
40	-0.11729E+01	0.46259E+00	-0.42633E+00	0.55854E+01	0.16113E+01	-0.62474E+01
41	-0.16275E+01	-0.43507E+00	-0.56694E+00	0.58688E+01	0.14514E+01	-0.61274E+01
42	-0.21830E+01	-0.92831E-04	-0.37110E+00	0.56515E+01	0.18413E+01	-0.54848E+01
43	-0.83244E+00	0.15734E+00	-0.55988E+00	0.52633E+01	0.93891E+00	-0.64722E+01
44	-0.14667E+01	-0.14946E+00	-0.78457E+00	0.51649E+01	0.15930E+01	-0.56647E+01
45	-0.23192E+01	-0.59269E+00	-0.10401E+01	0.54432E+01	0.15030E+01	-0.56476E+01
46	-0.12074E+01	0.39428E+00	-0.10979E+00	0.52355E+01	0.10760E+01	-0.51184E+01
47	0.50777E+00	0.94677E+00	-0.76973E-01	0.54427E+01	0.26064E+00	-0.68815E+01
48	-0.18466E+00	0.60309E+00	-0.53901E+00	0.57505E+01	0.42426E+00	-0.69461E+01
49	-0.83035E+00	0.45632E+00	-0.66544E+00	0.56514E+01	0.12761E+01	-0.73269E+01
50	-0.52625E+01	-0.11903E+01	-0.28555E+01	0.48664E+01	0.35212E+01	-0.51635E+01
51	-0.11860E+01	-0.81365E+00	-0.16305E+01	0.23070E+00	0.46837E+00	-0.13631E+01
52	-0.21632E+01	-0.36645E+00	-0.16268E+01	-0.15761E+01	0.19295E+01	0.56673E+01
53	-0.20702E+01	0.60427E+00	-0.39424E+00	0.44230E+01	0.17088E+01	-0.45790E+01
54	-0.77965E+00	-0.70724E+00	-0.51542E+00	0.64196E+01	0.23237E+00	-0.59971E+01

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55	-0.11611E+01	-0.41307E+00	-0.39361E+00	0.61288E+01	0.64832E+00	-0.56968E+01
56	-0.23316E+01	-0.20715E+00	-0.92105E-01	0.54655E+01	0.17910E+01	-0.50849E+01
57	-0.19967E+01	-0.13169E+00	-0.34098E+00	0.48967E+01	0.13035E+01	-0.46357E+01
58	-0.21881E+01	0.47309E-01	-0.26295E+00	0.41350E+01	0.15439E+01	-0.40573E+01
59	-0.36902E+00	-0.60441E+00	-0.31813E+00	0.62767E+01	-0.25442E-01	-0.55627E+01
60	-0.13577E+01	-0.12421E+01	-0.35401E+00	0.59617E+01	0.44501E+00	-0.47063E+01
61	-0.10773E+01	-0.10228E+01	-0.58622E+00	0.59148E+01	0.35009E+00	-0.47041E+01
62	-0.66273E+00	-0.10942E+01	-0.56267E+00	0.57095E+01	-0.50033E-01	-0.39737E+01
63	-0.13923E+01	-0.76423E+00	-0.44593E+00	0.57220E+01	0.62960E+00	-0.48853E+01
64	-0.15277E+01	-0.12035E+01	-0.55230E+00	0.52542E+01	0.54046E+00	-0.39447E+01
65	-0.25074E+01	-0.44476E+00	0.11713E+00	0.52265E+01	0.17052E+01	-0.46819E+01
66	-0.31330E+01	-0.78477E+00	0.12396E+00	0.46974E+01	0.19289E+01	-0.38131E+01
67	-0.25430E+01	-0.12380E+01	0.29518E+00	0.41537E+01	0.15022E+01	-0.28541E+01
68	-0.25024E+01	-0.46346E+00	-0.36858E+00	0.45466E+01	0.13946E+01	-0.41447E+01
69	-0.21525E+01	-0.55364E+00	-0.15869E+00	0.43219E+01	0.11052E+01	-0.34935E+01
70	-0.31625E+01	-0.10849E+01	-0.58451E+00	0.37680E+01	0.14109E+01	-0.25484E+01
71	-0.26159E+01	-0.32022E+00	-0.19477E+00	0.38919E+01	0.15153E+01	-0.33621E+01
72	-0.29760E+01	-0.57754E+00	-0.18084E+00	0.35467E+01	0.14640E+01	-0.26413E+01
73	-0.67240E+00	-0.69282E+00	-0.30463E+00	0.50746E+01	0.15068E+00	-0.23971E+01
74	-0.10825E+01	-0.65476E+00	-0.34123E-02	0.44843E+01	0.42697E+00	-0.21345E+01
75	-0.21363E+01	-0.64111E+00	-0.93867E+00	0.36793E+01	0.11808E+01	-0.17463E+01
76	-0.25068E+01	-0.58991E+00	-0.27213E-02	0.39532E+01	0.10224E+01	-0.25487E+01
77	-0.18670E+01	-0.94120E+00	0.12949E+00	0.27014E+01	0.72053E+00	-0.10836E+01
78	-0.19556E+01	-0.65482E+00	0.31855E+00	0.22213E+01	0.76040E+00	-0.70020E+00
79	-0.30448E+01	-0.71632E+00	-0.10044E+00	0.27919E+01	0.11390E+01	-0.15096E+01
80	-0.34360E+01	-0.95362E+00	-0.29165E+00	0.19836E+01	0.86702E+00	-0.63478E+00
81	-0.17718E+01	-0.42700E+00	0.55031E+00	0.11229E+01	0.73644E+00	-0.30519E+00
82	-0.21135E+01	-0.71175E+00	0.33418E+00	0.98029E+00	0.72352E+00	-0.31328E+00
83	-0.30774E+01	-0.47550E+00	0.12692E+00	0.17256E+01	0.83707E+00	-0.62111E+00
84	-0.36977E+01	-0.83115E+00	-0.23275E+00	0.18984E+01	0.12626E+01	-0.66190E+00
85	-0.41770E+01	-0.59085E+00	-0.33293E+00	0.26667E+01	0.15424E+01	-0.16684E+01
86	-0.41065E+01	-0.57579E+00	-0.17182E+00	0.20947E+01	0.14970E+01	-0.11383E+01
87	-0.28905E+01	-0.25574E+00	0.15535E+00	0.27499E+01	0.15003E+01	-0.17441E+01
88	-0.30765E+01	-0.29746E+00	-0.16940E+00	0.29683E+01	0.18185E+01	-0.26140E+01
89	-0.33128E+01	-0.34427E+00	-0.24624E+00	0.25832E+01	0.19586E+01	-0.23604E+01
90	-0.36039E+01	-0.32757E+00	-0.53941E-01	0.18946E+01	0.20791E+01	-0.11682E+01
91	-0.38366E+01	-0.71562E+00	-0.45798E+00	0.17484E+01	0.22236E+01	-0.15669E+01
92	-0.37914E+01	-0.69315E+00	-0.36737E+00	0.13225E+01	0.22009E+01	-0.11299E+01
93	-0.24891E+01	0.10097E+01	-0.42261E+00	0.31917E+01	0.19854E+01	-0.37408E+01
94	-0.26740E+01	-0.15293E+00	-0.75556E+00	0.32162E+01	0.17894E+01	-0.35878E+01
95	-0.18984E+01	-0.91687E+00	-0.35851E+00	0.23405E+01	0.16894E+01	-0.26840E+01
96	-0.23511E+01	-0.10595E+00	-0.32291E+00	0.32630E+01	0.16679E+01	-0.31130E+01
97	-0.16588E+01	-0.58822E+00	-0.58834E+00	0.26517E+01	0.16741E+01	-0.23170E+01
98	-0.20055E+01	-0.33521E+00	-0.29390E+00	0.22780E+01	0.15661E+01	-0.22631E+01
99	-0.20941E+01	0.30274E+00	0.15132E+00	0.26174E+01	0.15654E+01	-0.24020E+01
100	-0.17384E+01	0.81160E-01	0.56421E-01	0.19540E+01	0.15406E+01	-0.17127E+01
101	-0.21132E+01	-0.35127E+00	-0.31904E+00	0.15319E+01	0.15571E+01	-0.13090E+01
102	-0.15910E+01	0.23617E+00	0.46195E+00	0.15159E+01	0.14917E+01	-0.12708E+01
103	-0.12724E+01	-0.30459E+00	0.86036E-01	0.63204E+00	0.13650E+01	-0.64757E+00
104	-0.13222E+01	-0.38917E+00	0.45950E-01	0.26895E+00	0.13601E+01	-0.43505E+00
105	-0.26769E+01	0.67846E-01	-0.10495E+01	0.28108E+01	0.24301E+01	-0.34742E+01
106	-0.42288E+01	-0.25241E+01	-0.32794E+01	0.22649E+00	0.26474E+01	-0.16158E+01
107	-0.32161E+01	-0.16536E+01	-0.24078E+01	0.15023E+01	0.25289E+01	-0.24612E+01
108	-0.26480E+01	-0.14784E+01	-0.20790E+01	0.15534E+01	0.24088E+01	-0.24770E+01
109	-0.24320E+01	-0.13595E+01	-0.20845E+01	0.63801E+00	0.23998E+01	-0.16228E+01
110	-0.36056E+00	0.33749E+00	-0.41820E+00	0.22103E+01	0.21809E+01	-0.25678E+01
111	0.52211E+00	0.25626E+00	-0.34858E+00	0.16035E+01	0.19958E+01	-0.13953E+01
112	0.36823E+00	0.32879E+00	-0.27581E+00	0.24634E+01	0.19825E+01	-0.13801E+01
113	0.85604E+00	0.69186E+00	0.40694E+00	0.26102E+01	0.16401E+01	-0.27019E+01
114	0.92888E+00	0.67806E+00	0.14351E+00	0.22170E+01	0.15157E+01	-0.13458E+01

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115	0.10369E+01	0.74244E+00	0.34909E+00	0.37951E+01	0.14669E+01	-0.13033E+01
116	0.36191E+00	0.59350E+00	0.34596E+00	0.29285E+01	0.10920E+01	-0.23372E+01
117	-0.33233E+00	-0.76140E-01	-0.27643E+00	0.32031E+01	0.83718E+00	-0.12164E+01
118	-0.21708E+00	-0.85402E-01	-0.40907E-01	0.27638E+01	0.78004E+00	-0.11220E+01
119	-0.15363E+00	0.59982E+00	0.38899E+00	0.22979E+01	0.56850E+00	-0.17416E+01
120	-0.74263E+00	-0.30431E+00	-0.19476E+00	0.23260E+01	0.37656E+00	-0.99820E+00
121	-0.66317E+00	-0.26189E+00	-0.42547E-01	0.19741E+01	0.34017E+00	-0.87360E+00
122	0.43292E-01	0.95372E+00	0.78696E+00	0.16634E+01	0.20559E+00	-0.13342E+01
123	-0.30017E+00	-0.28558E-01	0.31193E+00	0.15848E+01	0.33861E-01	-0.72410E+00
124	-0.26136E+00	-0.73557E-02	0.38820E+00	0.12199E+01	0.15126E-01	-0.57910E+00
125	-0.33287E+00	0.21279E+00	0.44002E+00	0.98251E+00	0.13291E-02	-0.65589E+00
126	-0.26784E+00	-0.97349E-02	0.42957E+00	0.77830E+00	-0.80924E-01	-0.39272E+00
127	-0.26387E+00	-0.89270E-02	0.43868E+00	0.40978E+00	-0.83495E-01	-0.23364E+00
128	0.28026E+00	0.47765E+00	0.83086E+00	0.54189E+00	-0.12755E+00	-0.33912E+00
129	0.73266E+00	0.62464E+00	0.11072E+01	0.31419E+00	-0.23161E+00	-0.12019E+00
130	-0.32575E+01	0.27619E+00	-0.11945E+01	0.45750E+01	0.25664E+01	-0.51592E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9500E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	-0.58039E+00	-0.36693E+01	0.32889E+01	0.77650E+02	-0.21016E+02	-0.34506E+02
131	0.13613E-01	0.90752E-01	-0.77139E-01	0.17902E+03	-0.32378E+02	-0.10367E+03
132	-0.11323E+00	-0.75489E+00	0.64166E+00	0.29855E+03	-0.53505E+02	-0.17750E+03
133	-0.99387E-02	-0.66258E-01	0.56319E-01	0.43219E+03	-0.75965E+02	-0.25955E+03
134	-0.42736E-01	-0.28491E+00	0.24217E+00	0.58247E+03	-0.10068E+03	-0.35751E+03
135	-0.21703E+00	-0.14469E+01	0.12298E+01	0.69274E+03	-0.12224E+03	-0.44501E+03
136	-0.76783E-02	-0.51189E-01	0.43510E-01	0.78694E+03	-0.13087E+03	-0.50547E+03
137	0.78083E-01	0.52055E+00	-0.44247E+00	0.73262E+03	-0.14926E+03	-0.53245E+03
138	-0.75763E+00	-0.50508E+01	0.35148E+01	0.80338E+03	-0.29921E+03	-0.57465E+03
139	-0.21332E+00	-0.14221E+01	-0.15095E+01	0.77996E+03	-0.59991E+03	-0.60682E+03
140	0.15482E+01	0.10321E+02	-0.87729E+01	0.98776E+03	-0.72694E+03	-0.68775E+03
141	0.15098E+01	0.10065E+02	-0.85553E+01	0.98699E+03	-0.73962E+03	-0.73229E+03
142	0.17247E+01	0.11498E+02	-0.97735E+01	0.10319E+04	-0.74194E+03	-0.77739E+03
143	0.17746E+01	0.11831E+02	-0.10056E+02	-0.37284E+03	-0.95068E+03	0.61825E+03
144	0.19242E+01	0.12826E+02	-0.10904E+02	-0.36926E+03	-0.93226E+03	0.57981E+03
145	-0.17342E+01	-0.11561E+02	0.84452E+01	0.16671E+03	-0.70152E+03	0.14389E+04
146	-0.71740E+00	-0.47827E+01	0.68537E+01	0.22816E+03	-0.51934E+03	0.12589E+04
147	-0.73630E+00	-0.49027E+01	0.67450E+01	0.21078E+03	-0.53653E+03	0.12382E+04
148	-0.75858E+00	-0.50572E+01	-0.12478E+01	0.20438E+03	-0.55468E+03	0.12413E+04
149	-0.78476E+00	-0.52317E+01	-0.11390E+01	0.19915E+03	-0.57567E+03	0.12652E+04
150	-0.90109E+00	-0.60072E+01	-0.12340E+00	0.12858E+03	-0.62889E+03	0.12275E+04
151	-0.10858E+01	-0.72384E+01	-0.27724E+02	0.11245E+03	-0.71295E+03	0.12566E+04
152	-0.10201E+01	-0.68010E+01	-0.50371E+02	0.11541E+03	-0.66840E+03	0.12440E+04
153	-0.91699E+00	-0.61132E+01	-0.44517E+02	0.93761E+02	-0.60231E+03	0.12129E+04
154	-0.67669E+00	-0.45113E+01	-0.86202E+02	0.72375E+02	-0.44400E+03	0.11757E+04
155	-0.32914E+00	-0.21943E+01	-0.70897E+02	0.94406E+02	-0.20708E+03	0.10955E+04
156	-0.47818E-01	-0.31879E+00	-0.60239E+02	0.66635E+02	-0.22147E+02	0.10114E+04
157	-0.17797E+00	0.11854E+01	-0.47931E+02	0.68758E+02	-0.12994E+03	-0.89545E+03
158	0.35713E+00	0.23809E+01	-0.39815E+02	0.52260E+02	0.24789E+03	0.78360E+03
159	0.49259E+00	0.32839E+01	-0.23054E+02	0.25635E+02	0.33495E+03	0.64285E+03
160	0.58483E+00	0.38989E+01	-0.19768E+02	0.16023E+02	0.39551E+03	0.51212E+03
161	0.70350E+00	0.46900E+01	-0.96450E+01	0.98084E+01	0.44433E+03	0.35373E+03
162	0.73064E+00	0.48710E+01	-0.48877E-01	0.73636E+01	0.43275E+03	0.24081E+03
163	0.83763E+00	0.55842E+01	0.14190E+01	-0.18582E+02	0.49207E+03	0.16439E+03
164	0.83050E+00	0.55366E+01	0.29950E+01	-0.37896E+02	0.48495E+03	0.10752E+03

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165	0.42917E+03	0.66649E+02	-0.10100E+01	0.17191E+02	0.49004E+03	0.82677E+02
166	0.34609E+03	0.49571E+02	0.36729E+01	0.11543E+02	0.45586E+03	0.76402E+02
167	0.27393E+03	0.36309E+02	0.54739E+01	0.83717E+01	0.39008E+03	0.71261E+02
168	0.20909E+03	0.26128E+02	0.57711E+01	0.51896E+01	0.32269E+03	0.66976E+02
169	0.13382E+03	0.13326E+02	0.70633E+01	0.23512E+01	0.27862E+03	0.62255E+02
170	0.59789E+02	-0.28205E+00	0.94412E+01	-0.82788E+00	0.25293E+03	0.56856E+02
171	-0.16175E+02	-0.13308E+02	0.10774E+02	-0.50585E+01	0.20607E+03	0.49204E+02
172	-0.59416E+02	-0.18943E+02	0.97252E+01	-0.92574E+01	0.14447E+03	0.40725E+02
173	-0.59427E+02	-0.15170E+02	0.59615E+01	-0.11437E+02	0.88447E+02	0.36459E+02
174	-0.37986E+02	-0.74336E+01	0.16321E+01	-0.11541E+02	0.47484E+02	0.29448E+02
175	-0.90423E+01	-0.34135E+00	-0.39951E+00	-0.90734E+01	0.32243E+02	0.26282E+02
176	0.19604E+01	0.15491E+01	-0.11009E+01	-0.67037E+01	0.34264E+02	0.23948E+02
177	0.39750E+01	0.12599E+01	-0.56413E+00	-0.46037E+01	0.35467E+02	0.19555E+02
178	0.16382E+01	0.21398E+00	0.44626E-01	-0.31201E+01	0.26597E+02	0.14154E+02
179	-0.52992E+00	-0.20539E+00	0.12181E+00	-0.26517E+01	0.18831E+02	0.99594E+01
180	-0.22997E-01	-0.60364E-01	0.55018E-01	-0.20414E+01	0.11026E+02	0.60038E+01
181	-0.16314E+00	-0.13410E+00	0.14190E+00	-0.16826E+01	0.50410E+01	0.20861E+01
182	0.63032E+00	0.29275E+00	-0.17235E+00	-0.60938E+00	-0.11973E+01	-0.76518E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9600E+01 (FOR FOURIER TERM, NUMBER 1)

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N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.31313E-01	0.55995E-04	0.31543E-01	0.00000E+00
3	-0.58337E-01	-0.47737E-04	0.58311E-01	0.00000E+00
4	-0.65091E-01	-0.68322E-04	0.64917E-01	0.00000E+00
5	-0.74264E-01	0.13841E-04	0.74247E-01	0.00000E+00
6	-0.80435E-01	-0.70513E-05	0.80437E-01	0.00000E+00
7	-0.74338E-01	-0.73017E-03	0.74394E-01	0.00000E+00
8	-0.80629E-01	-0.64698E-03	0.80706E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.30861E-01	-0.41707E-03	0.30772E-01	0.00000E+00
11	-0.57703E-01	-0.92796E-03	0.57722E-01	0.00000E+00
12	-0.64661E-01	-0.11367E-02	0.64789E-01	0.00000E+00
13	-0.74438E-01	-0.11576E-02	0.74598E-01	0.00000E+00
14	-0.81085E-01	-0.10844E-02	0.81440E-01	0.00000E+00
15	-0.74886E-01	-0.20597E-02	0.75629E-01	0.00000E+00
16	-0.81852E-01	-0.18124E-02	0.82699E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.30195E-01	-0.86470E-03	0.30729E-01	0.00000E+00
19	-0.57254E-01	-0.20329E-02	0.53157E-01	0.00000E+00
20	-0.64560E-01	-0.25347E-02	0.65662E-01	0.00000E+00
21	-0.75347E-01	-0.23110E-02	0.76554E-01	0.00000E+00
22	-0.82973E-01	-0.24319E-02	0.84548E-01	0.00000E+00
23	-0.76041E-01	-0.38597E-02	0.78027E-01	0.00000E+00
24	-0.84496E-01	-0.35030E-02	0.87100E-01	0.00000E+00
25	-0.85411E-01	-0.44778E-02	0.88689E-01	0.00000E+00
26	-0.85960E-01	-0.48018E-02	0.89639E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.29065E-01	-0.10736E-02	0.30005E-01	0.00000E+00
29	-0.55964E-01	-0.27609E-02	0.57561E-01	0.00000E+00
30	-0.63979E-01	-0.37056E-02	0.65764E-01	0.00000E+00
31	-0.76098E-01	-0.46592E-02	0.79027E-01	0.00000E+00
32	-0.86500E-01	-0.51003E-02	0.90645E-01	0.00000E+00
33	-0.75994E-01	-0.48529E-02	0.79175E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.26658E-01	-0.95999E-03	0.29548E-01	0.00000E+00
36	-0.55384E-01	-0.25186E-02	0.56832E-01	0.00000E+00
37	-0.63446E-01	-0.33886E-02	0.64929E-01	0.00000E+00
38	-0.75886E-01	-0.45104E-02	0.79005E-01	0.00000E+00
39	-0.87222E-01	-0.53414E-02	0.92208E-01	0.00000E+00
40	-0.87077E-01	-0.53269E-02	0.91873E-01	0.00000E+00
41	-0.86934E-01	-0.53121E-02	0.91554E-01	0.00000E+00
42	-0.86777E-01	-0.52818E-02	0.91168E-01	0.00000E+00
43	-0.62425E-01	-0.25460E-02	0.62168E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.27200E-01	-0.55984E-03	0.26778E-01	0.00000E+00
46	-0.53122E-01	-0.15096E-02	0.51478E-01	0.00000E+00
47	-0.87259E-01	-0.53414E-02	0.92294E-01	0.00000E+00
48	-0.87269E-01	-0.53419E-02	0.92319E-01	0.00000E+00
49	-0.75521E-01	-0.43810E-02	0.78816E-01	0.00000E+00
50	-0.87321E-01	-0.53787E-02	0.92556E-01	0.00000E+00
51	-0.74634E-01	-0.34840E-02	0.74565E-01	0.00000E+00
52	-0.85398E-01	-0.53860E-02	0.85569E-01	0.00000E+00
53	-0.87225E-01	-0.53260E-02	0.92220E-01	0.00000E+00
54	-0.60926E-01	-0.21999E-02	0.58676E-01	0.00000E+00
55	-0.72900E-01	-0.32156E-02	0.69941E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.25707E-01	0.29949E-04	0.23275E-01	0.00000E+00
58	-0.50383E-01	-0.71229E-03	0.45153E-01	0.00000E+00
59	-0.82485E-01	-0.43957E-02	0.79119E-01	0.00000E+00
60	-0.84570E-01	-0.51240E-02	0.83519E-01	0.00000E+00
61	-0.87337E-01	-0.54039E-02	0.92702E-01	0.00000E+00
62	-0.57859E-01	-0.10303E-02	0.51436E-01	0.00000E+00
63	-0.63701E-01	-0.16809E-02	0.60685E-01	0.00000E+00
64	-0.85912E-01	-0.54560E-02	0.86188E-01	0.00000E+00
65	-0.87352E-01	-0.54280E-02	0.92845E-01	0.00000E+00
66	-0.87473E-01	-0.54755E-02	0.93132E-01	0.00000E+00
67	-0.87594E-01	-0.55225E-02	0.93424E-01	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.24620E-01	0.22933E-03	0.19904E-01	0.00000E+00
70	-0.47540E-01	0.41501E-03	0.38460E-01	0.00000E+00
71	-0.78413E-01	-0.23963E-02	0.68972E-01	0.00000E+00
72	-0.86083E-01	-0.55078E-02	0.85056E-01	0.00000E+00
73	-0.64669E-01	-0.61072E-04	0.81695E-01	0.00000E+00
74	-0.88730E-01	-0.58248E-02	0.87552E-01	0.00000E+00
75	-0.87696E-01	-0.55597E-02	0.93694E-01	0.00000E+00
76	-0.88345E-01	-0.56252E-02	0.94175E-01	0.00000E+00
77	-0.73458E-01	-0.67434E-03	0.58192E-01	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.23752E-01	0.69320E-03	0.17084E-01	0.00000E+00
80	-0.45022E-01	0.12705E-02	0.31879E-01	0.00000E+00
81	-0.51023E-01	0.15492E-02	0.35956E-01	0.00000E+00
82	-0.60086E-01	0.12538E-02	0.41933E-01	0.00000E+00
83	-0.87057E-01	-0.33885E-02	0.76416E-01	0.00000E+00
84	-0.77607E-01	-0.22696E-03	0.55720E-01	0.00000E+00
85	-0.89713E-01	-0.57094E-02	0.94805E-01	0.00000E+00
86	-0.91668E-01	-0.59620E-02	0.90377E-01	0.00000E+00
87	-0.68271E-01	0.87076E-03	0.47458E-01	0.00000E+00
88	-0.90104E-01	-0.48224E-02	0.83741E-01	0.00000E+00
89	-0.90937E-01	-0.57815E-02	0.95413E-01	0.00000E+00
90	-0.51525E-01	0.10299E-02	0.25283E-01	0.00000E+00
91	-0.56129E-01	0.67628E-03	0.26946E-01	0.00000E+00
92	-0.59166E-01	0.28776E-03	0.28125E-01	0.00000E+00
93	-0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.18920E-01	0.00000E+00	0.40930E-02	0.00000E+00
95	-0.35278E-01	0.00000E+00	0.80426E-02	0.00000E+00
96	-0.39321E-01	0.00000E+00	0.90652E-02	0.00000E+00
97	-0.44369E-01	0.00000E+00	0.10823E-01	0.00000E+00
98	-0.46444E-01	0.00000E+00	0.11586E-01	0.00000E+00
99	-0.50700E-01	0.55115E-03	0.19325E-01	0.00000E+00
100	-0.63627E-01	0.13433E-03	0.33179E-01	0.00000E+00
101	-0.85138E-01	-0.15194E-02	0.59650E-01	0.00000E+00
102	-0.94144E-01	-0.53665E-02	0.96285E-01	0.00000E+00
103	-0.92051E-01	-0.40271E-02	0.60292E-01	0.00000E+00
104	-0.96539E-01	-0.62256E-02	0.93909E-01	0.00000E+00
105	-0.96793E-01	-0.59397E-02	0.97075E-01	0.00000E+00
106	-0.95549E-01	-0.45845E-02	0.82896E-01	0.00000E+00
107	-0.10022E+00	-0.65377E-02	0.96375E-01	0.00000E+00
108	-0.99050E-01	-0.59850E-02	0.97781E-01	0.00000E+00
109	-0.10086E+00	-0.60147E-02	0.98373E-01	0.00000E+00
110	-0.10029E+00	-0.54620E-02	0.65689E-01	0.00000E+00
111	-0.10299E+00	-0.68689E-02	0.93123E-01	0.00000E+00
112	-0.10235E+00	-0.60258E-02	0.98856E-01	0.00000E+00
113	-0.10192E+00	-0.56394E-02	0.88876E-01	0.00000E+00
114	-0.10341E+00	-0.60134E-02	0.99204E-01	0.00000E+00
115	-0.10414E+00	-0.59891E-02	0.99427E-01	0.00000E+00
116	-0.10447E+00	-0.59527E-02	0.99489E-01	0.00000E+00

117	-0.10410E+00	-0.68481E-02	0.98707E-01	0.00000E+00
118	-0.10448E+00	-0.59320E-02	0.99474E-01	0.00000E+00
119	-0.10443E+00	-0.58906E-02	0.99365E-01	0.00000E+00
120	-0.10474E+00	-0.67406E-02	0.98952E-01	0.00000E+00
121	-0.10431E+00	-0.56280E-02	0.99183E-01	0.00000E+00
122	-0.10431E+00	-0.57700E-02	0.99265E-01	-0.14470E-04
123	-0.10425E+00	-0.56427E-02	0.99320E-01	-0.26576E-04
124	-0.10418E+00	-0.54339E-02	0.99377E-01	-0.41522E-04
125	-0.10404E+00	-0.51198E-02	0.99431E-01	-0.61127E-04
126	-0.10368E+00	-0.43458E-02	0.99520E-01	-0.89679E-04
127	-0.10321E+00	-0.33649E-02	0.99604E-01	-0.10322E-03
128	-0.10218E+00	-0.10679E-02	0.99775E-01	-0.98942E-04
129	-0.10137E+00	0.86510E-03	0.99930E-01	-0.74591E-04
130	-0.10030E+00	0.23419E-02	0.10010E+00	-0.39655E-04
131	-0.10060E+00	0.29898E-02	0.10036E+00	0.44879E-05
132	-0.10083E+00	0.23124E-02	0.10059E+00	0.21016E-04
133	-0.10108E+00	0.14076E-02	0.10081E+00	0.17565E-04
134	-0.10121E+00	0.85631E-03	0.10098E+00	0.85150E-05
135	-0.10126E+00	0.64479E-03	0.10113E+00	0.37203E-05
136	-0.10130E+00	0.47147E-03	0.10124E+00	0.49426E-05
137	-0.10132E+00	0.26792E-03	0.10130E+00	0.50836E-05
138	-0.10133E+00	0.42716E-04	0.10133E+00	0.57538E-05
139	-0.10133E+00	0.51245E-05	0.10133E+00	0.51501E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9600E+01

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EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.36976E-01	-0.41701E-01	0.13229E-01	-0.38175E+01	-0.34822E-01	0.38219E+01
2	0.11712E+00	-0.40545E-01	0.44406E-01	-0.33439E+01	-0.56822E-01	0.33338E+01
3	0.21325E+00	-0.32602E-01	0.42434E-01	-0.26618E+01	-0.50233E-01	0.26733E+01
4	-0.10672E+00	-0.44507E-01	-0.12916E+00	-0.21218E+01	0.51061E-01	0.21631E+01
5	0.12459E+00	-0.83954E-02	0.48045E-01	-0.21465E+01	-0.12129E-01	0.21837E+01
6	-0.76727E-01	-0.49662E-01	-0.15777E-01	-0.21955E+01	0.24504E-01	0.22346E+01
7	-0.72007E-01	-0.70774E-02	-0.21487E-02	-0.15221E+01	0.27318E-01	0.15236E+01
8	-0.15299E+00	-0.17591E-01	-0.13629E-01	-0.15280E+01	0.65225E-01	0.15830E+01
9	-0.13610E+00	-0.34560E+00	-0.17761E+00	-0.37483E+01	-0.73352E-02	0.37747E+01
10	-0.84415E-01	-0.37513E+00	-0.13527E+00	-0.33536E+01	-0.23828E-02	0.33772E+01
11	0.44446E-02	-0.32562E+00	0.39135E-01	-0.28237E+01	0.47843E-01	0.28403E+01
12	-0.39640E+00	-0.24385E+00	-0.18156E+00	-0.22812E+01	0.15955E+00	0.22377E+01
13	-0.43375E-01	-0.14062E+00	0.31641E-01	-0.23416E+01	0.41246E-01	0.23692E+01
14	-0.37196E+00	-0.23842E+00	-0.10842E+00	-0.24149E+01	0.11851E+00	0.24783E+01
15	-0.36231E+00	-0.71126E-01	-0.66907E-01	-0.16723E+01	0.16873E+00	0.16694E+01
16	-0.44033E+00	-0.59099E-01	-0.41871E-01	-0.17411E+01	0.19400E+00	0.18030E+01
17	-0.17345E+00	-0.49550E+00	-0.23615E+00	-0.36293E+01	-0.38495E-01	0.37262E+01
18	-0.29966E-01	-0.56129E+00	-0.15174E+00	-0.33328E+01	-0.79998E-01	0.34115E+01
19	0.24291E+00	-0.58454E+00	0.10696E+00	-0.29701E+01	-0.11778E+00	0.30478E+01
20	-0.58525E+00	-0.36756E+00	-0.21799E+00	-0.25409E+01	0.20762E+00	0.24851E+01
21	-0.54295E-01	-0.49968E+00	-0.61015E-01	-0.26430E+01	-0.48258E-01	0.27895E+01
22	-0.60221E+00	-0.99559E+00	-0.44049E+00	-0.27663E+01	0.10481E+00	0.30031E+01
23	-0.66476E+00	-0.14445E+00	-0.11662E+00	-0.20116E+01	0.28942E+00	0.20371E+01
24	-0.12979E+01	-0.47655E+00	-0.45315E+00	-0.22469E+01	0.48201E+00	0.21716E+01
25	-0.68861E+00	-0.53244E+00	-0.21916E+00	-0.23041E+01	0.24670E+00	0.24780E+01
26	-0.21774E+01	-0.16359E+01	-0.12202E+01	-0.25358E+01	0.57903E+00	0.27515E+01
27	-0.16098E+00	-0.50689E+00	-0.23632E+00	-0.35139E+01	-0.65668E-01	0.36515E+01
28	0.31982E-01	-0.60077E+00	-0.14538E+00	-0.32346E+01	-0.17115E+00	0.33954E+01
29	0.54561E+00	-0.65160E+00	0.16573E+00	-0.28135E+01	-0.45009E+00	0.31371E+01
30	-0.17824E+00	-0.70430E+00	-0.13623E+00	-0.27308E+01	0.28363E-02	0.30033E+01
31	0.89965E-02	-0.86060E+00	-0.16953E+00	-0.25738E+01	-0.29724E+00	0.31134E+01
32	-0.30704E+00	-0.91978E+00	-0.29096E+00	-0.24929E+01	-0.17233E+00	0.31667E+01
33	-0.16144E+01	-0.13174E+01	-0.87186E+00	-0.25964E+01	0.36819E+00	0.28899E+01
34	-0.36281E+01	-0.26321E+01	-0.21732E+01	-0.26850E+01	0.79824E+00	0.31274E+01
35	-0.98791E+00	-0.86943E+00	-0.41186E+00	-0.26512E+01	0.25935E+00	0.31253E+01
36	0.16857E+00	-0.26870E+00	0.24700E+00	-0.24789E+01	-0.20351E+00	0.32131E+01
37	-0.13523E+01	-0.14119E+01	-0.77708E+00	-0.27459E+01	0.27825E+00	0.33166E+01
38	-0.55979E-01	-0.34335E+00	-0.15349E+00	-0.33995E+01	-0.99342E-01	0.34496E+01
39	0.17408E+00	-0.39312E+00	-0.83885E-01	-0.31681E+01	-0.28596E+00	0.32042E+01
40	0.58133E+00	-0.62907E+00	0.86356E-01	-0.27199E+01	-0.81242E+00	0.30911E+01
41	0.80813E+00	-0.21603E+00	0.16214E+00	-0.28550E+01	-0.74437E+00	0.30244E+01
42	0.10156E+01	-0.33063E+00	0.75895E-01	-0.27646E+01	-0.92881E+00	0.27145E+01
43	0.24398E+00	-0.50623E+00	0.28295E-01	-0.25374E+01	-0.47355E+00	0.31707E+01
44	0.56811E+00	-0.26986E+00	0.17987E+00	-0.24822E+01	-0.79464E+00	0.27703E+01
45	0.91499E+00	-0.98921E-01	0.26032E+00	-0.26008E+01	-0.74202E+00	0.27545E+01
46	0.45654E+00	-0.48002E+00	-0.11599E+00	-0.25153E+01	-0.54023E+00	0.24973E+01
47	-0.42789E+00	-0.84418E+00	-0.20432E+00	-0.26032E+01	-0.14060E+00	0.33654E+01
48	-0.23081E+00	-0.76905E+00	-0.73275E-01	-0.27519E+01	-0.20852E+00	0.33791E+01
49	0.18737E+00	-0.67600E+00	0.36687E-01	-0.26893E+01	-0.63318E+00	0.35630E+01
50	0.23223E+01	0.22916E+00	0.11354E+01	-0.23037E+01	-0.17345E+01	0.24985E+01
51	0.45612E+00	0.22074E+00	0.65427E+00	-0.11002E+00	-0.22882E+00	0.65686E+00
52	0.13237E+01	0.59321E+00	0.10439E+01	0.80242E+00	-0.94957E+00	-0.28146E+01
53	0.83621E+00	-0.57194E+00	-0.51433E-02	-0.20924E+01	-0.83174E+00	0.22042E+01
54	0.15484E+00	-0.19415E-01	0.23296E-01	-0.32116E+01	-0.11741E+00	0.30608E+01

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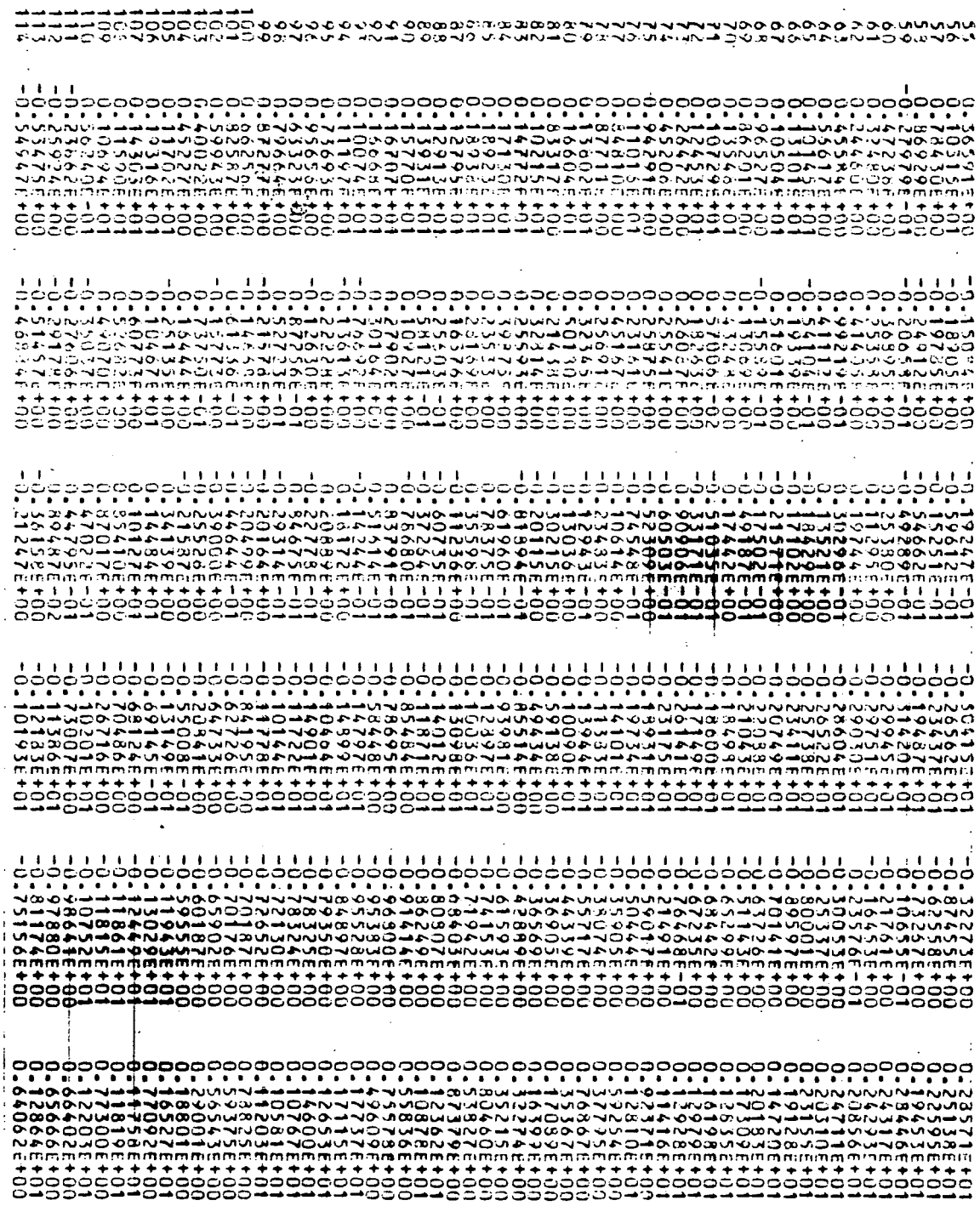

115	-0.59849E+00	-0.49275E+00	-0.31112E+00	-0.17616E+01	-0.72675E+00	0.62021E+00
116	-0.30848E+00	-0.46241E+00	-0.34779E+00	-0.13500E+01	-0.54682E+00	0.10993E+01
117	0.41532E-01	-0.10681E+00	-0.30989E-01	-0.14737E+01	-0.42701E+00	0.57945E+00
118	-0.12510E-01	-0.13054E+00	-0.14236E+00	-0.12610E+01	-0.39835E+00	0.53480E+00
119	-0.37683E-01	-0.38858E+00	-0.34209E+00	-0.10504E+01	-0.29607E+00	0.81624E+00
120	0.19772E+00	-0.70728E-02	-0.10252E+00	-0.10489E+01	-0.20671E+00	0.47652E+00
121	0.16355E+00	-0.20982E-01	-0.17405E+00	-0.87873E+00	-0.18803E+00	0.41793E+00
122	-0.13939E+00	-0.52095E+00	-0.53467E+00	-0.84136E+00	-0.12106E+00	0.62737E+00
123	-0.53430E-01	-0.15401E+00	-0.37555E+00	-0.69006E+00	-0.40808E-01	0.34754E+00
124	-0.68702E-01	-0.15636E+00	-0.41437E+00	-0.51363E+00	-0.30527E-01	0.27959E+00
125	0.34277E-01	-0.11637E+00	-0.36463E+00	-0.41967E+00	-0.18601E-01	0.31399E+00
126	-0.12789E+00	-0.18869E+00	-0.48183E+00	-0.29982E+00	0.20959E-01	0.19117E+00
127	-0.12705E+00	-0.18248E+00	-0.48593E+00	-0.13276E+00	0.23432E-01	0.14100E+00
128	-0.35807E+00	-0.32633E+00	-0.63775E+00	-0.20075E+00	0.49622E-01	0.16355E+00
129	-0.74870E+00	-0.56528E+00	-0.90190E+00	-0.59622E-01	0.10310E+00	0.56785E-01
133	0.13962E+01	-0.45260E+00	0.35708E+00	-0.21698E+01	-0.12619E+01	0.24915E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9600E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.33958E+00	0.22639E+01	-0.19243E+01	-0.34977E+02	0.91285E+01	0.15625E+02
131	0.27619E-01	0.18413E+00	-0.15651E+00	-0.81966E+02	0.14260E+02	0.47334E+02
132	0.10751E+00	0.71674E+00	-0.60923E+00	-0.13804E+03	0.23633E+02	0.81721E+02
133	0.48378E-01	0.32252E+00	-0.27414E+00	-0.20177E+03	0.33550E+02	0.12056E+03
134	0.11036E+00	0.73573E+00	-0.62537E+00	-0.27419E+03	0.44545E+02	0.16750E+03
135	0.21614E+00	0.14409E+01	-0.12248E+01	-0.32986E+03	0.53880E+02	0.20993E+03
136	0.94707E-01	0.63138E+00	-0.53667E+00	-0.37475E+03	0.57742E+02	0.23937E+03
137	0.76233E-01	0.50822E+00	-0.43199E+00	-0.36762E+03	0.67282E+02	0.25244E+03
138	0.36015E+00	0.24010E+01	-0.16840E+01	-0.37865E+03	0.13647E+03	0.27277E+03
139	-0.29629E+00	-0.19753E+01	0.29453E+01	-0.36656E+03	0.27603E+03	0.28813E+03
140	-0.14980E+01	-0.99867E+01	0.84887E+01	-0.47034E+03	0.33422E+03	0.32723E+03
141	-0.14333E+01	-0.95555E+01	0.81222E+01	-0.47091E+03	0.34014E+03	0.34868E+03
142	-0.16539E+01	-0.11026E+02	0.93724E+01	-0.49475E+03	0.34089E+03	0.37060E+03
143	-0.16970E+01	-0.11313E+02	0.96164E+01	0.18240E+03	0.44148E+03	-0.30247E+03
144	-0.18976E+01	-0.12650E+02	0.10753E+02	0.17851E+03	0.43216E+03	-0.28417E+03
145	-0.80094E+00	0.53396E+01	-0.29156E+01	-0.14661E+03	0.31356E+03	-0.69364E+03
146	0.33026E+00	0.22017E+01	-0.28202E+01	-0.16034E+03	0.23078E+03	-0.60496E+03
147	0.33830E+00	0.22553E+01	-0.27676E+01	-0.15092E+03	0.23840E+03	-0.59501E+03
148	0.34745E+00	0.23163E+01	0.10687E+01	-0.14707E+03	0.24604E+03	-0.59652E+03
149	0.35796E+00	0.23864E+01	0.10119E+01	-0.14389E+03	0.25463E+03	-0.60808E+03
150	0.40944E+00	0.27296E+01	0.57130E+00	-0.10777E+03	0.27835E+03	-0.59016E+03
151	0.48956E+00	0.32637E+01	0.13853E+02	-0.99612E+02	0.31413E+03	-0.60409E+03
152	0.45209E+00	0.30139E+01	0.24619E+02	-0.98281E+02	0.28914E+03	-0.59815E+03
153	0.39605E+00	0.26403E+01	0.21725E+02	-0.83195E+02	0.25373E+03	-0.58339E+03
154	0.27388E+00	0.18258E+01	0.41341E+02	-0.69212E+02	0.17371E+03	-0.56574E+03
155	0.10026E+00	0.66841E+00	0.33821E+02	-0.73603E+02	0.56353E+02	-0.52778E+03
156	-0.40881E-01	-0.27254E+00	0.28651E+02	-0.56076E+02	-0.35891E+02	-0.48815E+03
157	-0.15530E+00	-0.10353E+01	0.22797E+02	-0.50159E+02	-0.11191E+03	-0.43569E+03
158	-0.24726E+00	-0.16484E+01	0.18859E+02	-0.38191E+02	-0.17193E+03	-0.38116E+03
159	-0.31846E+00	-0.21230E+01	0.13382E+02	-0.18651E+02	-0.21685E+03	-0.31531E+03
160	-0.36907E+00	-0.24605E+01	0.93544E+01	-0.10190E+02	-0.24961E+03	-0.25401E+03
161	-0.44262E+00	-0.29521E+01	0.48364E+01	0.35401E+00	-0.27870E+03	-0.18015E+03
162	-0.46463E+00	-0.30975E+01	0.49993E+00	0.47077E+01	-0.27379E+03	-0.12734E+03
163	-0.54098E+00	-0.36065E+01	-0.29169E+00	0.15962E+02	-0.31720E+03	-0.90393E+02
164	-0.54758E+00	-0.36505E+01	-0.10578E+01	0.32218E+02	-0.31867E+03	-0.60684E+02

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165	-0.31234E+03	-0.49234E+02	0.14901E+01	-0.17157E+02	-0.32801E+03	-0.46283E+02
166	-0.25655E+03	-0.37352E+02	-0.20875E+01	-0.13004E+02	-0.30565E+03	-0.42157E+02
167	-0.20591E+03	-0.27723E+02	-0.36439E+01	-0.10568E+02	-0.26195E+03	-0.38751E+02
168	-0.15941E+03	-0.20216E+02	-0.40583E+01	-0.81231E+01	-0.21690E+03	-0.35877E+02
169	-0.10400E+03	-0.10671E+02	-0.51349E+01	-0.58684E+01	-0.18707E+03	-0.32668E+02
170	-0.48637E+02	-0.41218E+00	-0.69930E+01	-0.33065E+01	-0.16876E+03	-0.28986E+02
171	0.84907E+01	0.95145E+01	-0.81241E+01	0.14691E+00	-0.13470E+03	-0.23811E+02
172	0.42707E+02	0.14167E+02	-0.74892E+01	0.37011E+01	-0.89159E+02	-0.18216E+02
173	0.44466E+02	0.11646E+02	-0.47107E+01	0.57344E+01	-0.48251E+02	-0.14320E+02
174	0.27818E+02	0.58082E+01	-0.15083E+01	0.62610E+01	-0.18423E+02	-0.11675E+02
175	0.68107E+01	0.56551E+00	0.41550E+00	0.48698E+01	-0.94193E+01	-0.10571E+02
176	-0.10755E+01	-0.82845E+00	0.59318E+00	0.34389E+01	-0.12322E+02	-0.99353E+01
177	-0.21194E+01	-0.65672E+00	0.29264E+00	0.23132E+01	-0.14251E+02	-0.83277E+01
178	-0.80315E+00	-0.11515E+00	-0.10484E-01	0.15710E+01	-0.10960E+02	-0.59677E+01
179	0.21500E+00	0.89937E-01	-0.54459E-01	0.13085E+01	-0.77599E+01	-0.41957E+01
180	0.23488E-01	0.34195E-01	-0.28605E-01	0.98611E+00	-0.45168E+01	-0.25255E+01
181	0.74619E-01	0.77008E-01	-0.58044E-01	0.76225E+00	-0.20542E+01	-0.88284E+00
182	-0.26670E+00	-0.12337E+00	0.72923E-01	0.25679E+00	0.47546E+00	0.24206E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9700E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.20385E-01	0.19037E-05	0.20624E-01	0.00000E+00
3	-0.38876E-01	-0.12544E-03	0.33898E-01	0.00000E+00
4	-0.43723E-01	-0.12872E-03	0.43648E-01	0.00000E+00
5	-0.50636E-01	-0.95635E-05	0.50619E-01	0.00000E+00
6	-0.55455E-01	-0.23690E-05	0.55458E-01	0.00000E+00
7	-0.50700E-01	-0.34309E-03	0.50734E-01	0.00000E+00
8	-0.55604E-01	-0.26883E-03	0.55648E-01	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.20063E-01	-0.12770E-03	0.20053E-01	0.00000E+00
11	-0.38417E-01	-0.37784E-03	0.38478E-01	0.00000E+00
12	-0.43539E-01	-0.46859E-03	0.43616E-01	0.00000E+00
13	-0.50797E-01	-0.41529E-03	0.50892E-01	0.00000E+00
14	-0.55954E-01	-0.31198E-03	0.56157E-01	0.00000E+00
15	-0.51109E-01	-0.55043E-03	0.51597E-01	0.00000E+00
16	-0.56534E-01	-0.35157E-03	0.57027E-01	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.19665E-01	-0.80048E-04	0.20006E-01	0.00000E+00
19	-0.38145E-01	-0.34632E-03	0.38739E-01	0.00000E+00
20	-0.43598E-01	-0.45840E-03	0.44207E-01	0.00000E+00
21	-0.51417E-01	-0.39619E-03	0.52216E-01	0.00000E+00
22	-0.57363E-01	-0.22639E-03	0.58297E-01	0.00000E+00
23	-0.51848E-01	-0.24049E-03	0.53156E-01	0.00000E+00
24	-0.58485E-01	0.16398E-03	0.60046E-01	0.00000E+00
25	-0.59142E-01	0.26970E-03	0.61133E-01	0.00000E+00
26	-0.59537E-01	0.43362E-03	0.61784E-01	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.19344E-01	0.25663E-03	0.19470E-01	0.00000E+00
29	-0.37777E-01	0.31723E-03	0.38195E-01	0.00000E+00
30	-0.43492E-01	0.27208E-03	0.44134E-01	0.00000E+00
31	-0.52184E-01	0.27416E-03	0.53763E-01	0.00000E+00
32	-0.59937E-01	0.71103E-03	0.62471E-01	0.00000E+00
33	-0.52232E-01	0.35531E-03	0.53811E-01	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.19287E-01	0.39600E-03	0.19119E-01	0.00000E+00
36	-0.37658E-01	0.65566E-03	0.37612E-01	0.00000E+00
37	-0.43328E-01	0.70675E-03	0.43447E-01	0.00000E+00
38	-0.52248E-01	0.66846E-03	0.53641E-01	0.00000E+00
39	-0.60443E-01	0.66179E-03	0.63482E-01	0.00000E+00
40	-0.60340E-01	0.65980E-03	0.63259E-01	0.00000E+00
41	-0.60237E-01	0.65885E-03	0.63047E-01	0.00000E+00
42	-0.60126E-01	0.65895E-03	0.62807E-01	0.00000E+00
43	-0.42927E-01	0.11276E-02	0.41206E-01	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.18625E-01	0.54978E-03	0.17009E-01	0.00000E+00
46	-0.36695E-01	0.97112E-03	0.33343E-01	0.00000E+00
47	-0.60470E-01	0.66178E-03	0.63534E-01	0.00000E+00
48	-0.60477E-01	0.66184E-03	0.63557E-01	0.00000E+00
49	-0.52233E-01	0.76194E-03	0.53491E-01	0.00000E+00
50	-0.60514E-01	0.65820E-03	0.63781E-01	0.00000E+00
51	-0.51582E-01	0.10700E-02	0.50174E-01	0.00000E+00
52	-0.59166E-01	0.22050E-03	0.58429E-01	0.00000E+00
53	-0.60444E-01	0.65544E-03	0.63463E-01	0.00000E+00
54	-0.41948E-01	0.97359E-03	0.38391E-01	0.00000E+00
55	-0.50345E-01	0.75069E-03	0.46421E-01	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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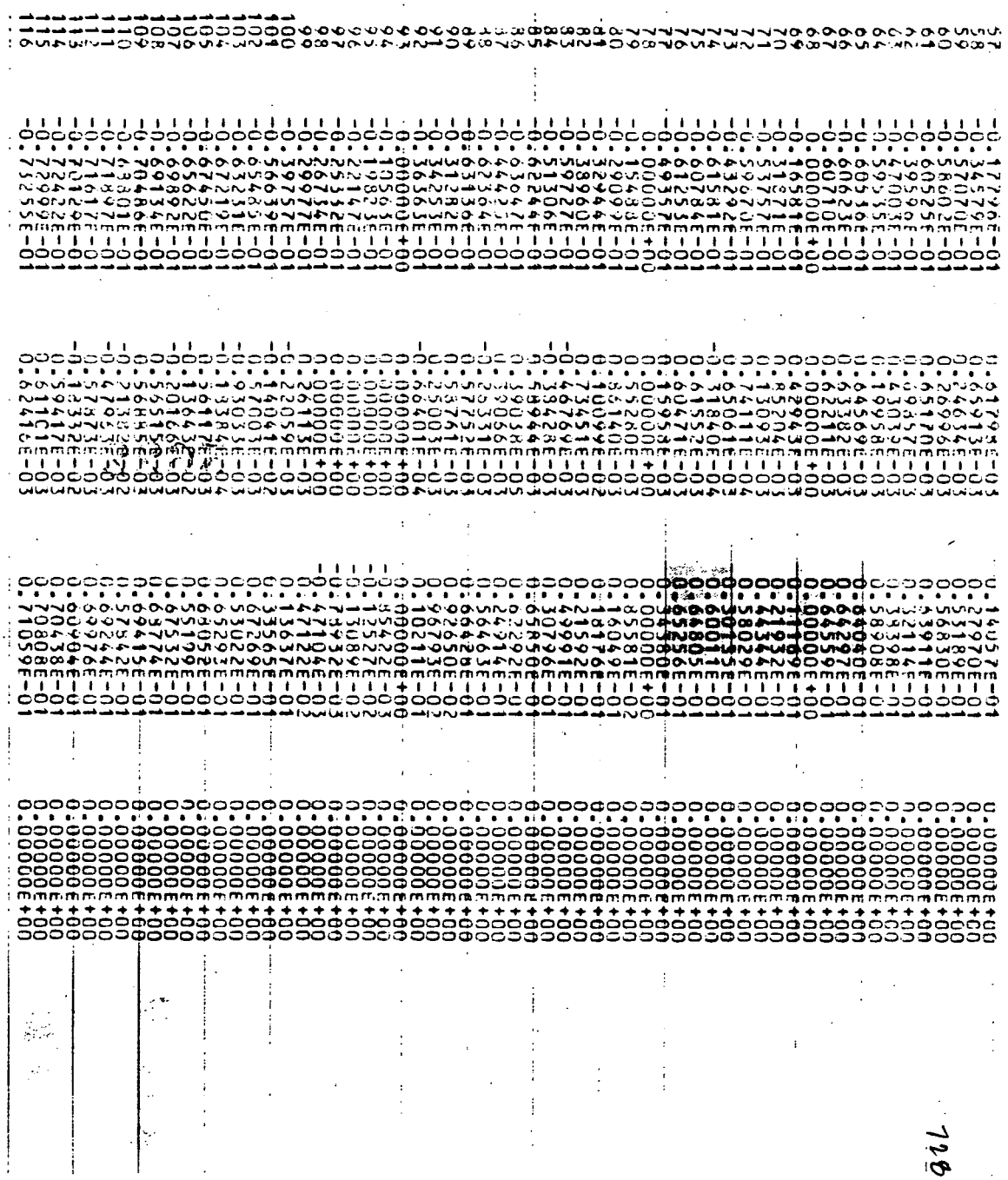

117	-0.72647E-01	-0.61777E-03	0.70084E-01	0.00000E+00
118	-0.73266E-01	0.62940E-03	0.71150E-01	0.00000E+00
119	-0.73245E-01	0.64356E-03	0.71246E-01	0.00000E+00
120	-0.72945E-01	-0.79452E-03	0.70783E-01	0.00000E+00
121	-0.73183E-01	0.66030E-03	0.71334E-01	0.00000E+00
122	-0.73183E-01	0.67663E-03	0.71380E-01	-0.39425E-05
123	-0.73172E-01	0.71159E-03	0.71419E-01	-0.70009E-05
124	-0.73154E-01	0.76630E-03	0.71458E-01	-0.10552E-04
125	-0.73120E-01	0.84523E-03	0.71500E-01	-0.14897E-04
126	-0.73038E-01	0.10293E-02	0.71571E-01	-0.20567E-04
127	-0.72937E-01	0.12503E-02	0.71640E-01	-0.22507E-04
128	-0.72736E-01	0.17227E-02	0.71783E-01	-0.18688E-04
129	-0.72604E-01	0.20574E-02	0.71916E-01	-0.11179E-04
130	-0.72549E-01	0.22279E-02	0.72062E-01	-0.21728E-05
131	-0.72640E-01	0.20257E-02	0.72290E-01	0.95938E-05
132	-0.72815E-01	0.14957E-02	0.72500E-01	0.13338E-04
133	-0.72981E-01	0.93448E-03	0.72690E-01	0.11190E-04
134	-0.73070E-01	0.57762E-03	0.72848E-01	0.57651E-05
135	-0.73103E-01	0.44701E-03	0.72976E-01	0.24216E-05
136	-0.73127E-01	0.32962E-03	0.73069E-01	0.36582E-05
137	-0.73144E-01	0.18497E-03	0.73127E-01	0.36424E-05
138	-0.73156E-01	0.30274E-04	0.73157E-01	0.41661E-05
139	-0.73156E-01	0.35860E-05	0.73156E-01	0.36097E-05

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9700E+01

730

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.76111E-01	0.36499E-01	0.68949E-01	-0.24771E+01	-0.30356E-01	0.24906E+01
2	0.13269E+00	0.27212E-01	0.96815E-01	-0.22659E+01	-0.49594E-01	0.22668E+01
3	0.16660E+00	0.23104E-01	0.59819E-01	-0.18859E+01	-0.35645E-01	0.18967E+01
4	-0.58426E-01	0.16209E-01	-0.81765E-01	-0.15429E+01	0.43956E-01	0.15974E+01
5	0.90707E-01	0.25590E-01	0.40669E-01	-0.15547E+01	-0.79571E-03	0.15955E+01
6	-0.29661E-01	0.28612E-01	0.20352E-01	-0.15856E+01	0.21058E-01	0.16208E+01
7	-0.54611E-01	0.32798E-02	-0.43808E-02	-0.11439E+01	0.21991E-01	0.11486E+01
8	-0.11783E+00	0.28673E-02	-0.14305E-01	-0.11379E+01	0.48910E-01	0.11810E+01
9	0.58153E-01	0.19804E-02	0.35664E-01	-0.24263E+01	-0.59384E-02	0.24507E+01
10	0.78185E-01	-0.36514E-01	0.51647E-01	-0.22477E+01	-0.43205E-02	0.22827E+01
11	0.52463E-01	-0.54230E-01	0.88266E-01	-0.19357E+01	0.30953E-01	0.19864E+01
12	-0.22300E+00	-0.87479E-01	-0.76537E-01	-0.15970E+01	0.11035E+00	0.16135E+01
13	-0.12917E-01	-0.39983E-01	0.44808E-01	-0.16328E+01	0.29830E-01	0.16949E+01
14	-0.15574E+00	-0.17331E-01	0.18049E-01	-0.16664E+01	0.80959E-01	0.17589E+01
15	-0.25503E+00	-0.26355E-01	-0.47904E-01	-0.12017E+01	0.11911E+00	0.12280E+01
16	-0.31360E+00	-0.24721E-01	-0.37410E-01	-0.12497E+01	0.13577E+00	0.13094E+01
17	0.12978E+00	0.12722E+00	0.11274E+00	-0.23712E+01	-0.23748E-01	0.24110E+01
18	0.15034E+00	0.73243E-01	0.12097E+00	-0.22181E+01	-0.51948E-01	0.22880E+01
19	0.13384E+00	0.46305E-02	0.13130E+00	-0.19424E+01	-0.80951E-01	0.20946E+01
20	-0.26121E+00	-0.78870E-01	-0.30325E-01	-0.16661E+01	0.13145E+00	0.17510E+01
21	0.56504E-01	-0.24110E-01	0.99079E-01	-0.17338E+01	-0.37227E-01	0.19517E+01
22	-0.20301E+00	-0.84014E-01	-0.10180E-01	-0.17929E+01	0.69295E-01	0.20829E+01
23	-0.39605E+00	0.11975E-01	-0.24442E-01	-0.13614E+01	0.19636E+00	0.14605E+01
24	-0.83566E+00	-0.17950E+00	-0.24755E+00	-0.14494E+01	0.33582E+00	0.15422E+01
25	-0.32615E+00	0.61756E-01	0.55816E-01	-0.15240E+01	0.16815E+00	0.17538E+01
26	-0.99196E+00	-0.24891E+00	-0.31585E+00	-0.15479E+01	0.40619E+00	0.19376E+01
27	0.19944E+00	0.26555E+00	0.18527E+00	-0.23442E+01	-0.41652E-01	0.23543E+01
28	0.21196E+00	0.20918E+00	0.17399E+00	-0.21920E+01	-0.11364E+00	0.22647E+01
29	0.25757E+00	0.12518E+00	0.15027E+00	-0.19024E+01	-0.31765E+00	0.21351E+01
30	-0.55883E-02	0.47461E-01	0.12109E+00	-0.18393E+01	-0.11154E-01	0.20773E+01
31	0.24088E+00	0.86472E-01	0.19302E+00	-0.17893E+01	-0.21659E+00	0.21617E+01
32	0.24922E-01	0.26743E-01	0.10001E+00	-0.17474E+01	-0.12865E+00	0.21930E+01
33	-0.77944E+00	-0.15395E+00	-0.20134E+00	-0.18012E+01	0.24958E+00	0.20382E+01
34	-0.20859E+01	-0.10570E+01	-0.10632E+01	-0.19151E+01	0.56236E+00	0.22075E+01
35	-0.16222E+00	0.22669E+00	0.21793E+00	-0.19261E+01	0.18274E+00	0.22077E+01
36	0.30496E+00	0.39458E+00	0.43225E+00	-0.17650E+01	-0.15475E+00	0.22795E+01
37	-0.46863E+00	-0.22859E+00	-0.91604E-01	-0.19706E+01	0.19663E+00	0.23511E+01
38	0.28980E+00	0.37285E+00	0.23773E+00	-0.23236E+01	-0.64159E-01	0.22032E+01
39	0.36075E+00	0.34590E+00	0.20763E+00	-0.21984E+01	-0.19698E+00	0.21156E+01
40	0.38585E+00	0.19840E+00	0.11313E+00	-0.19611E+01	-0.60397E+00	0.21033E+01
41	0.54471E+00	0.50497E+00	0.14013E+00	-0.20644E+01	-0.53098E+00	0.20644E+01
42	0.80633E+00	0.25936E+00	0.50333E-01	-0.19695E+01	-0.68534E+00	0.18142E+01
43	0.41931E+00	0.34119E+00	0.32323E+00	-0.16418E+01	-0.35109E+00	0.22090E+01
44	0.60015E+00	0.33833E+00	0.33293E+00	-0.18191E+01	-0.58790E+00	0.19190E+01
45	0.96635E+00	0.53295E+00	0.45328E+00	-0.19280E+01	-0.56925E+00	0.19212E+01
46	0.51844E+00	0.97567E-01	0.63544E-01	-0.18456E+01	-0.40089E+00	0.17195E+01
47	-0.24955E-01	0.30218E-01	0.16747E+00	-0.18787E+01	-0.10697E+00	0.23761E+01
48	0.33321E+00	0.22979E+00	0.41006E+00	-0.19830E+01	-0.14974E+00	0.23992E+01
49	0.51876E+00	0.25556E+00	0.41610E+00	-0.19731E+01	-0.47162E+00	0.25495E+01
50	0.19612E+01	0.70328E+00	0.10855E+01	-0.17197E+01	-0.12874E+01	0.17729E+01
51	0.47058E+00	0.39951E+00	0.58367E+00	-0.80614E-01	-0.16786E+00	0.46742E+00
52	0.33415E+00	-0.44938E+00	0.10852E+00	0.49794E+00	-0.71144E+00	-0.21389E+01
53	0.83829E+00	0.26905E-01	0.18026E+00	-0.15668E+01	-0.65532E+00	0.15668E+01
54	0.42547E+00	0.49293E+00	0.30730E+00	-0.22353E+01	-0.86800E-01	0.18939E+01

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115	-0.30596E+00	-0.17579E+00	-0.10512E+00	-0.13501E+01	-0.59142E+00	0.44565E+00
116	-0.29034E-01	-0.55233E-01	-0.66919E-01	-0.10457E+01	-0.45894E+00	0.80831E+00
117	0.13356E+00	0.11150E+00	0.12833E+00	-0.11425E+01	-0.37748E+00	0.41467E+00
118	0.13936E+00	0.31235E-01	0.48608E-01	-0.99075E+00	-0.35947E+00	0.38220E+00
119	0.12414E+00	-0.13173E+00	-0.10600E+00	-0.81540E+00	-0.28311E+00	0.60374E+00
120	0.36334E+00	0.20641E+00	0.13866E+00	-0.83700E+00	-0.22310E+00	0.33896E+00
121	0.33363E+00	0.18340E+00	0.87405E-01	-0.71691E+00	-0.21232E+00	0.29609E+00
122	0.75302E-01	-0.27092E+00	-0.22570E+00	-0.66747E+00	-0.16241E+00	0.46440E+00
123	0.24905E+00	0.12354E+00	0.12490E-02	-0.58139E+00	-0.10895E+00	0.24436E+00
124	0.23358E+00	0.10258E+00	-0.23465E-01	-0.45812E+00	-0.10433E+00	0.19453E+00
125	0.20686E+00	-0.64971E-01	-0.10741E+00	-0.36021E+00	-0.96374E-01	0.23138E+00
126	0.28350E+00	0.13812E+00	0.70976E-02	-0.30645E+00	-0.73710E-01	0.13084E+00
127	0.23525E+00	0.13204E+00	0.50972E-02	-0.18057E+00	-0.74339E-01	0.92594E-01
128	0.84139E-01	-0.23864E-01	-0.15325E+00	-0.21799E+00	-0.57246E-01	0.12520E+00
129	0.27741E-01	-0.18424E-01	-0.13778E+00	-0.16302E+00	-0.24080E-01	0.43339E-01
130	0.12395E+01	0.17231E+00	0.48090E+00	-0.16126E+01	-0.95965E+00	0.17766E+01

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STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9700E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.14256E+00	0.95037E+00	-0.80781E+00	-0.27167E+02	0.45034E+01	0.11724E+02
131	-0.45047E-01	-0.30032E+00	0.25527E+00	-0.63848E+02	0.56164E+01	0.34255E+02
132	-0.15377E-01	-0.10252E+00	0.87139E-01	-0.10555E+03	0.98314E+01	0.58613E+02
133	-0.40497E-01	-0.26998E+00	0.22948E+00	-0.15160E+03	0.14734E+02	0.85605E+02
134	-0.69014E-01	-0.46010E+00	0.39108E+00	-0.20295E+03	0.20615E+02	0.11810E+03
135	-0.27560E-01	-0.18386E+00	0.15629E+00	-0.23864E+03	0.25620E+02	0.14721E+03
136	-0.80924E-01	-0.53949E+00	0.45357E+00	-0.27144E+03	0.28694E+02	0.16758E+03
137	-0.13159E+00	-0.87723E+00	0.74569E+00	-0.27448E+03	0.33645E+02	0.17657E+03
138	0.26163E+00	0.17445E+01	-0.12270E+01	-0.28118E+03	0.75929E+02	0.19081E+03
139	0.43839E+00	0.29226E+01	-0.16220E+01	-0.27451E+03	0.16053E+03	0.20100E+03
140	0.20476E+00	0.13651E+01	-0.11603E+01	-0.34318E+03	0.19481E+03	0.22790E+03
141	0.17325E+00	0.11550E+01	-0.98177E+00	-0.34304E+03	0.19878E+03	0.24243E+03
142	0.20637E+00	0.13759E+01	-0.11694E+01	-0.35727E+03	0.19951E+03	0.25767E+03
143	0.21012E+00	0.14003E+01	-0.11907E+01	0.12526E+03	0.27109E+03	-0.22129E+03
144	0.31670E+00	0.21113E+01	-0.17946E+01	0.12533E+03	0.26471E+03	-0.20914E+03
145	0.49422E+00	0.32948E+01	-0.40041E+01	0.12187E+02	0.20888E+03	-0.49317E+03
146	0.20726E+00	0.13817E+01	-0.27580E+01	-0.26958E+02	0.15588E+03	-0.42644E+03
147	0.21464E+00	0.14310E+01	-0.27246E+01	-0.22206E+02	0.16229E+03	-0.41967E+03
148	0.22363E+00	0.14909E+01	0.33269E-01	-0.20572E+02	0.16948E+03	-0.42043E+03
149	0.23440E+00	0.15626E+01	-0.18937E-03	-0.18671E+02	0.17807E+03	-0.42798E+03
150	0.27242E+00	0.18161E+01	-0.39933E+00	0.30206E+01	0.19641E+03	-0.41510E+03
151	0.33210E+00	0.22140E+01	0.90448E+01	0.94578E+01	0.22464E+03	-0.42457E+03
152	0.31490E+00	0.20994E+01	0.16859E+02	0.62225E+01	0.21260E+03	-0.41990E+03
153	0.28550E+00	0.19035E+01	0.14872E+02	0.89419E+01	0.19324E+03	-0.40887E+03
154	0.21008E+00	0.14005E+01	0.29326E+02	0.13084E+02	0.14317E+03	-0.39580E+03
155	0.99741E-01	0.65328E+00	0.24146E+02	0.13996E-01	0.66373E+02	-0.56783E+03
156	0.10047E-01	0.66979E-01	0.20458E+02	0.56097E+01	0.75946E+01	-0.33864E+03
157	-0.59229E-01	-0.39486E+00	0.16148E+02	-0.18693E+01	-0.40092E+02	-0.29832E+03
158	-0.11229E+00	-0.74859E+00	0.13379E+02	-0.25099E+00	-0.75514E+02	-0.25968E+03
159	-0.15006E+00	-0.10004E+01	0.92267E+01	0.22281E+01	-0.10053E+03	-0.21092E+03
160	-0.17282E+00	-0.11521E+01	0.64331E+01	0.14795E+01	-0.11594E+03	-0.16594E+03
161	-0.20032E+00	-0.13355E+01	0.26831E+01	-0.37657E+01	-0.12667E+03	-0.11103E+03
162	-0.20052E+00	-0.13368E+01	-0.59544E+00	-0.63017E+01	-0.11941E+03	-0.72050E+02
163	-0.22096E+00	-0.14731E+01	-0.11670E+01	0.21768E+01	-0.13021E+03	-0.46718E+02
164	-0.20658E+00	-0.13772E+01	-0.16926E+01	0.31624E+01	-0.12157E+03	-0.30869E+02

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165	-0.84875E+02	-0.11915E+02	-0.95286E+00	-0.31872E+00	-0.11683E+03	-0.25069E+02
166	-0.64660E+02	-0.82609E+01	-0.16404E+01	0.81050E+00	-0.10805E+03	-0.23521E+02
167	-0.48807E+02	-0.57696E+01	-0.16515E+01	0.13730E+01	-0.91903E+02	-0.22272E+02
168	-0.35245E+02	-0.39460E+01	-0.14326E+01	0.19334E+01	-0.75629E+02	-0.21257E+02
169	-0.20578E+02	-0.16092E+01	-0.15328E+01	0.23831E+01	-0.65112E+02	-0.20170E+02
170	-0.68333E+01	0.83368E+00	-0.18911E+01	0.28566E+01	-0.59425E+02	-0.18941E+02
171	0.67571E+01	0.30385E+01	-0.20052E+01	0.34475E+01	-0.49760E+02	-0.17186E+02
172	0.13066E+02	0.36690E+01	-0.16610E+01	0.39311E+01	-0.37819E+02	-0.15174E+02
173	0.11411E+02	0.26573E+01	-0.90667E+00	0.40371E+01	-0.26926E+02	-0.13554E+02
174	0.73587E+01	0.11721E+01	-0.73098E-01	0.37201E+01	-0.19166E+02	-0.11977E+02
175	0.14980E+01	-0.17135E+00	0.35001E+00	0.29419E+01	-0.15185E+02	-0.10618E+02
176	-0.66764E+00	-0.50401E+00	0.35258E+00	0.22814E+01	-0.14768E+02	-0.94832E+01
177	-0.12728E+01	-0.40898E+00	0.18443E+00	0.16088E+01	-0.14315E+02	-0.76649E+01
178	-0.55766E+00	-0.64236E-01	-0.23125E-01	0.10942E+01	-0.10535E+02	-0.55358E+01
179	0.21573E+00	0.79055E-01	-0.45031E-01	0.94297E+00	-0.74513E+01	-0.38970E+01
180	0.69345E-03	0.18320E-01	-0.17843E-01	0.73569E+00	-0.43785E+01	-0.23518E+01
181	0.60090E-01	0.72070E-01	-0.55768E-01	0.63163E+00	-0.20087E+01	-0.81466E+00
182	-0.24582E+00	-0.11417E+00	0.67214E-01	0.23854E+00	0.48343E+00	0.34039E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9800E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.58691E-01	-0.75281E-04	-0.53886E-01	0.00000E+00
3	0.11037E+00	0.11131E-03	-0.11037E+00	0.00000E+00
4	0.12337E+00	0.14471E-03	-0.12361E+00	0.00000E+00
5	0.14252E+00	-0.13994E-04	-0.14260E+00	0.00000E+00
6	0.15568E+00	0.97661E-05	-0.15563E+00	0.00000E+00
7	0.14293E+00	0.10692E-02	-0.14294E+00	0.00000E+00
8	0.15608E+00	0.86565E-03	-0.15622E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0.57515E-01	0.60310E-03	-0.57742E-01	0.00000E+00
11	0.10943E+00	0.13751E-02	-0.10952E+00	0.00000E+00
12	0.12333E+00	0.16717E-02	-0.12358E+00	0.00000E+00
13	0.14314E+00	0.15886E-02	-0.14342E+00	0.00000E+00
14	0.15704E+00	0.13471E-02	-0.15765E+00	0.00000E+00
15	0.14410E+00	0.23164E-02	-0.14543E+00	0.00000E+00
16	0.15864E+00	0.22394E-02	-0.16010E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.56794E-01	0.11212E-02	-0.57718E-01	0.00000E+00
19	0.10885E+00	0.27259E-02	-0.11043E+00	0.00000E+00
20	0.12362E+00	0.34045E-02	-0.12535E+00	0.00000E+00
21	0.14510E+00	0.33503E-02	-0.14724E+00	0.00000E+00
22	0.16097E+00	0.23738E-02	-0.16368E+00	0.00000E+00
23	0.14650E+00	0.47933E-02	-0.14999E+00	0.00000E+00
24	0.16410E+00	0.38447E-02	-0.16862E+00	0.00000E+00
25	0.16597E+00	0.49688E-02	-0.17168E+00	0.00000E+00
26	0.16709E+00	0.52096E-02	-0.17352E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.55200E-01	0.10946E-02	-0.56271E-01	0.00000E+00
29	0.10709E+00	0.30576E-02	-0.10908E+00	0.00000E+00
30	0.12288E+00	0.42245E-02	-0.12532E+00	0.00000E+00
31	0.14702E+00	0.53091E-02	-0.15180E+00	0.00000E+00
32	0.16620E+00	0.53015E-02	-0.17546E+00	0.00000E+00
33	0.14697E+00	0.54705E-02	-0.15199E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.54655E-01	0.31935E-03	-0.55302E-01	0.00000E+00
36	0.10527E+00	0.24399E-02	-0.10750E+00	0.00000E+00
37	0.12211E+00	0.34069E-02	-0.12348E+00	0.00000E+00
38	0.14689E+00	0.47293E-02	-0.15154E+00	0.00000E+00
39	0.16965E+00	0.56616E-02	-0.17639E+00	0.00000E+00
40	0.16936E+00	0.56457E-02	-0.17776E+00	0.00000E+00
41	0.16907E+00	0.56263E-02	-0.17716E+00	0.00000E+00
42	0.16375E+00	0.55391E-02	-0.17645E+00	0.00000E+00
43	0.12050E+00	0.19883E-02	-0.11750E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	0.52385E-01	0.20060E-03	-0.49550E-01	0.00000E+00
46	0.10258E+00	0.92817E-03	-0.96089E-01	0.00000E+00
47	0.16973E+00	0.55617E-02	-0.17854E+00	0.00000E+00
48	0.16975E+00	0.56622E-02	-0.17861E+00	0.00000E+00
49	0.14680E+00	0.44731E-02	-0.15113E+00	0.00000E+00
50	0.16985E+00	0.57036E-02	-0.17914E+00	0.00000E+00
51	0.14474E+00	0.31046E-02	-0.14209E+00	0.00000E+00
52	0.16615E+00	0.42305E-02	-0.16436E+00	0.00000E+00
53	0.16966E+00	0.56522E-02	-0.17835E+00	0.00000E+00
54	0.11770E+00	0.17320E-02	-0.11004E+00	0.00000E+00
55	0.14125E+00	0.31114E-02	-0.13212E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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117	0.20453E+00	0.81513E-02	-0.19296E+00	0.00000E+00
118	0.20559E+00	0.61902E-02	-0.19588E+00	0.00000E+00
119	0.20551E+00	0.61106E-02	-0.19588E+00	0.00000E+00
120	0.20572E+00	0.80381E-02	-0.19414E+00	0.00000E+00
121	0.20530E+00	0.59974E-02	-0.19578E+00	0.00000E+00
122	0.20522E+00	0.58921E-02	-0.19596E+00	0.26076E-04
123	0.20521E+00	0.56630E-02	-0.19609E+00	0.47606E-04
124	0.20507E+00	0.52893E-02	-0.19622E+00	0.73919E-04
125	0.20482E+00	0.47315E-02	-0.19635E+00	0.10807E-03
126	0.20418E+00	0.33686E-02	-0.19657E+00	0.15706E-03
127	0.20337E+00	0.16555E-02	-0.19677E+00	0.17944E-03
128	0.20161E+00	-0.23054E-02	-0.19720E+00	0.16869E-03
129	0.20025E+00	-0.55617E-02	-0.19759E+00	0.12339E-03
130	0.19935E+00	-0.79313E-02	-0.19802E+00	0.60070E-04
131	0.19913E+00	-0.85951E-02	-0.19867E+00	-0.19205E-04
132	0.19974E+00	-0.68928E-02	-0.19926E+00	-0.48462E-04
133	0.20034E+00	-0.48017E-02	-0.19979E+00	-0.41646E-04
134	0.20067E+00	-0.33783E-02	-0.20023E+00	-0.24940E-04
135	0.20084E+00	-0.25594E-02	-0.20058E+00	-0.16705E-04
136	0.20096E+00	-0.17962E-02	-0.20084E+00	-0.18935E-04
137	0.20103E+00	-0.10011E-02	-0.20100E+00	-0.18811E-04
138	0.20109E+00	-0.15349E-03	-0.20109E+00	-0.20056E-04
139	0.20109E+00	-0.18735E-04	-0.20109E+00	-0.18789E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9800E+01

737

EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	-0.74917E-01	0.41214E-01	-0.47835E-01	0.71335E+01	0.55955E-01	-0.71474E+01
2	-0.19812E+00	0.42168E-01	-0.10653E+00	0.63987E+01	0.91701E-01	-0.63074E+01
3	-0.31151E+00	0.33904E-01	-0.99804E-01	0.52371E+01	0.73661E-01	-0.52579E+01
4	0.21968E+00	0.73259E-01	0.20416E+00	0.42586E+01	-0.93273E-01	-0.43290E+01
5	-0.17226E+00	-0.62776E-02	-0.87677E-01	0.43052E+01	0.91230E-02	-0.43646E+01
6	0.16974E+00	0.23154E-01	0.14111E-01	0.43852E+01	-0.63476E-01	-0.44545E+01
7	0.17329E+00	0.16972E-01	0.20531E-01	0.31236E+01	-0.60420E-01	-0.31270E+01
8	0.34997E+00	0.21349E-01	0.53838E-01	0.31327E+01	-0.13858E+00	-0.32300E+01
9	0.14423E+00	0.43296E+00	0.20056E+00	0.70237E+01	0.11733E-01	-0.70778E+01
10	0.35859E-01	0.49861E+00	0.14396E+00	0.64070E+01	-0.16326E-02	-0.64598E+01
11	0.51235E-01	0.45341E+00	-0.89449E-01	0.54924E+01	-0.11172E+00	-0.55454E+01
12	0.77284E+00	0.39156E+00	0.33202E+00	0.45131E+01	-0.31596E+00	-0.44549E+01
13	0.13215E+00	0.20076E+00	-0.52304E-01	0.46239E+01	-0.93440E-01	-0.47013E+01
14	0.69313E+00	0.30910E+00	0.16178E+00	0.47490E+01	-0.24141E+00	-0.49006E+01
15	0.75376E+00	0.10825E+00	0.15896E+00	0.33793E+01	-0.33656E+00	-0.33838E+01
16	0.93205E+00	0.96260E-01	0.13504E+00	0.35143E+01	-0.38809E+00	-0.36322E+01
17	0.12043E+00	0.51139E+00	0.21018E+00	0.68431E+01	0.69714E-01	-0.69829E+01
18	-0.56898E-01	0.63228E+00	0.11144E+00	0.63635E+01	0.14776E+00	-0.65094E+01
19	-0.33175E+00	0.72352E+00	-0.18896E+00	0.56894E+01	0.22183E+00	-0.59162E+01
20	0.10656E+01	0.53496E+00	0.35394E+00	0.49131E+01	-0.39473E+00	-0.49039E+01
21	0.85957E-01	0.64555E+00	0.34936E-01	0.51097E+01	0.94679E-01	-0.54923E+01
22	0.10378E+01	0.13239E+01	0.62706E+00	0.53227E+01	-0.20489E+00	-0.58906E+01
23	0.13032E+01	0.16427E+00	0.22552E+00	0.39689E+01	-0.56483E+00	-0.40788E+01
24	0.25575E+01	0.78309E+00	0.88859E+00	0.43508E+01	-0.94803E+00	-0.43328E+01
25	0.12771E+01	0.60224E+00	0.28853E+00	0.44987E+01	-0.48331E+00	-0.49339E+01
26	0.38196E+01	0.22911E+01	0.19200E+01	0.48094E+01	-0.11420E+01	-0.54632E+01
27	0.36012E-01	0.40011E+00	0.14550E+00	0.66805E+01	0.12615E+00	-0.68299E+01
28	-0.20316E+00	0.55511E+00	0.57961E-01	0.62196E+01	0.33475E+00	-0.64614E+01
29	-0.84336E+00	0.68137E+00	-0.26956E+00	0.54507E+01	0.90209E+00	-0.60657E+01
30	0.29820E+00	0.82213E+00	0.11225E+00	0.53196E+01	0.21688E-01	-0.58861E+01
31	-0.19725E+00	0.97194E+00	0.79639E-01	0.50769E+01	0.60242E+00	-0.61099E+01
32	0.43193E+00	0.11079E+01	0.33245E+00	0.49303E+01	0.36289E+00	-0.62043E+01
33	0.28987E+01	0.17983E+01	0.13704E+01	0.51461E+01	-0.71175E+00	-0.57435E+01
34	0.67362E+01	0.43528E+01	0.38800E+01	0.53686E+01	-0.15823E+01	-0.62192E+01
35	0.14061E+01	0.79492E+00	0.31540E+00	0.53405E+01	-0.51147E+00	-0.62171E+01
36	-0.45080E+00	-0.84772E-01	-0.68167E+00	0.49618E+01	0.42859E+00	-0.64049E+01
37	0.21738E+01	0.19338E+01	0.10378E+01	0.54999E+01	-0.54942E+00	-0.66100E+01
38	-0.18485E+00	0.98904E-01	-0.42067E-02	0.65197E+01	0.19075E+00	-0.64126E+01
39	-0.53515E+00	0.17065E+00	-0.42678E-01	0.61486E+01	0.56429E+00	-0.60553E+01
40	-0.10320E+01	0.57512E+00	-0.12101E+00	0.54018E+01	0.16704E+01	-0.59750E+01
41	-0.14873E+01	-0.22532E+00	-0.23060E+00	0.56790E+01	0.14894E+01	-0.58295E+01
42	-0.19993E+01	0.16191E+00	-0.15474E-01	0.54705E+01	0.18854E+01	-0.51698E+01
43	-0.67065E+00	0.25952E+00	-0.29803E+00	0.50896E+01	0.97094E+00	-0.62284E+01
44	-0.12361E+01	-0.35150E-02	-0.46580E+00	0.50029E+01	0.16336E+01	-0.54058E+01
45	-0.20639E+01	-0.42354E+00	-0.68805E+00	0.52529E+01	0.15421E+01	-0.53891E+01
46	-0.10288E+01	0.49762E+00	0.18085E+00	0.50602E+01	0.10954E+01	-0.48326E+01
47	0.61770E+00	0.99495E+00	0.14380E+00	0.52293E+01	0.29561E+00	-0.66731E+01
48	-0.10529E+00	0.62203E+00	-0.34277E+00	0.55180E+01	0.42251E+00	-0.67395E+01
49	-0.74345E+00	0.52375E+00	-0.43174E+00	0.54335E+01	0.13042E+01	-0.71343E+01
50	-0.48403E+01	-0.10150E+01	-0.24381E+01	0.46952E+01	0.35777E+01	-0.49461E+01
51	-0.10272E+01	-0.67140E+00	-0.13542E+01	0.22547E+00	0.46725E+00	-0.13107E+01
52	-0.17963E+01	-0.60922E-01	-0.11918E+01	-0.14535E+01	0.19704E+01	0.59158E+01
53	-0.18127E+01	0.69276E+00	-0.50533E-01	0.42591E+01	0.17424E+01	-0.43487E+01
54	-0.59214E+00	-0.43396E+00	-0.29898E+00	0.61933E+01	0.23695E+00	-0.55931E+01

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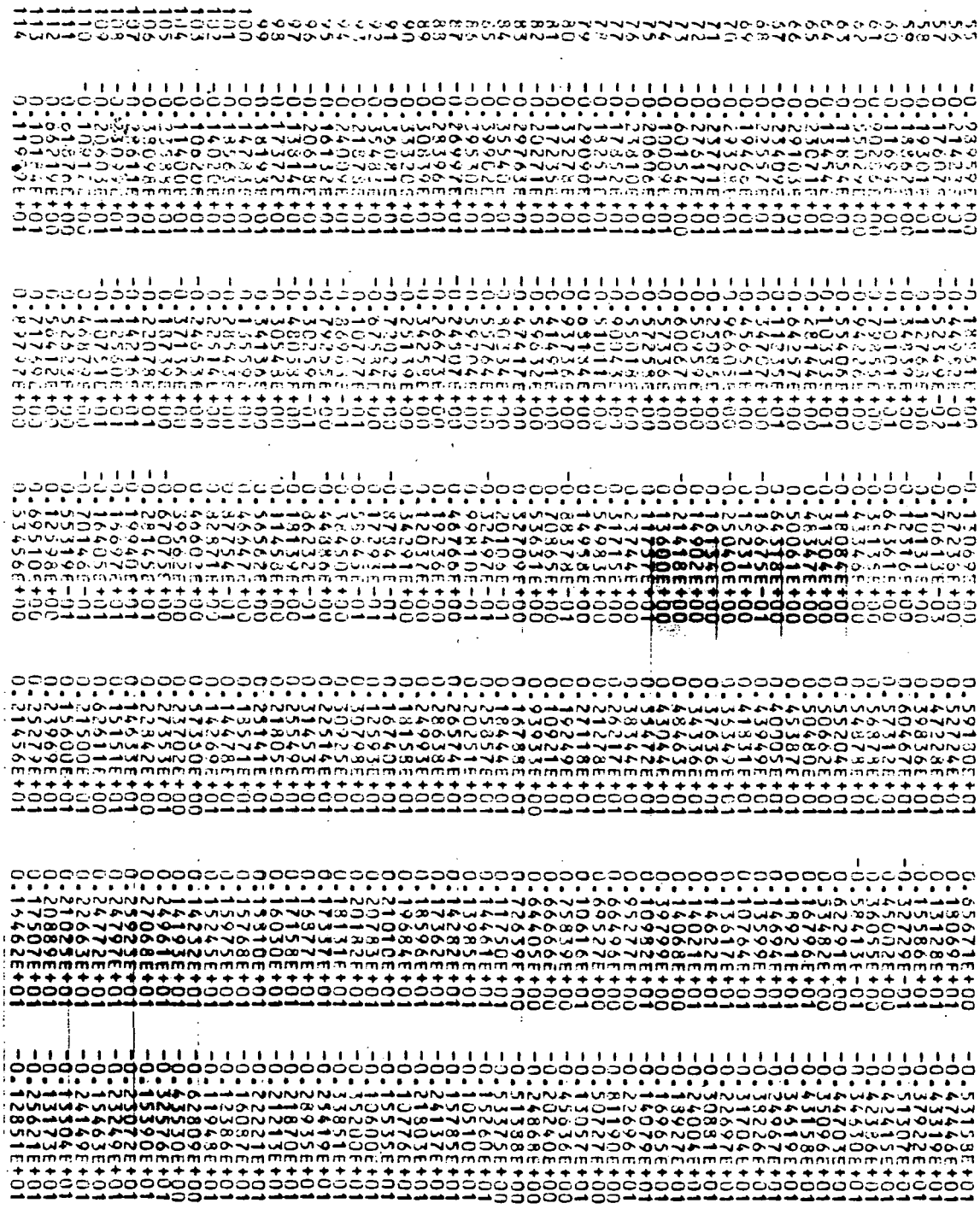

115	0.13094E+01	0.95554E+00	0.73467E+00	0.36302E+01	0.15979E+01	-0.12462E+01
116	0.52426E+00	0.60922E+00	0.63739E+00	0.23215E+01	0.12305E+01	-0.22088E+01
117	-0.50647E-01	0.14931E+00	0.12376E+00	0.30887E+01	0.10035E+01	-0.11639E+01
118	0.66293E-01	0.21200E+00	0.35341E+00	0.26520E+01	0.94716E+00	-0.10756E+01
119	0.73125E-02	0.59587E+00	0.67630E+00	0.21887E+01	0.73420E+00	-0.16514E+01
120	-0.44552E+00	-0.30430E-01	0.20841E+00	0.22093E+01	0.56545E+00	-0.95758E+00
121	-0.36852E+00	-0.36398E-01	0.35688E-01	0.18566E+01	0.52972E+00	-0.84015E+00
122	0.17862E+00	0.91356E+00	0.10503E+01	0.17396E+01	0.38973E+00	-0.12684E+01
123	-0.28688E-01	0.13272E+00	0.69492E+00	0.14602E+01	0.23970E+00	-0.69738E+00
124	0.95997E-02	0.20391E+00	0.76945E+00	0.10953E+01	0.22158E+00	-0.56038E+00
125	-0.17255E+00	0.21349E+00	0.72664E+00	0.36297E+00	0.19230E+00	-0.64383E+00
126	0.24710E-01	0.21658E+00	0.82166E+00	0.64740E+00	0.12276E+00	-0.38184E+00
127	0.28058E-01	0.21722E+00	0.82957E+00	0.28928E+00	0.12057E+00	-0.27931E+00
128	0.49719E+00	0.55802E+00	0.11498E+01	0.41643E+00	0.66060E-01	-0.34281E+00
129	0.11328E+01	0.89543E+00	0.15348E+01	0.16358E+00	-0.35439E-01	-0.11784E+00
183	-0.29176E+01	0.40434E+00	-0.81239E+00	0.44135E+01	0.26336E+01	-0.49421E+01

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9800E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-F RCES
130	-0.45349E+00	-0.30233E+01	0.25698E+01	0.73730E+02	-0.14408E+02	-0.32567E+02
131	0.53745E-02	0.35830E-01	-0.30456E-01	0.17386E+03	-0.19830E+02	-0.95083E+02
132	-0.13026E+00	-0.86841E+00	0.73814E+00	0.29082E+03	-0.32688E+02	-0.16325E+03
133	-0.33129E-01	-0.22086E+00	0.18773E+00	0.42153E+03	-0.46760E+02	-0.23950E+03
134	-0.32694E-01	-0.55129E+00	0.46860E+00	0.56878E+03	-0.62942E+02	-0.33134E+03
135	-0.25297E+00	-0.16864E+01	0.14335E+01	0.67760E+03	-0.73154E+02	-0.41405E+03
136	-0.43293E-01	-0.28862E+00	0.24533E+00	0.76839E+03	-0.83698E+02	-0.47175E+03
137	0.32837E-01	0.21891E+00	-0.18608E+00	0.76428E+03	-0.99688E+02	-0.49737E+03
138	-0.75442E+00	-0.50295E+01	0.35797E+01	0.78541E+03	-0.22081E+03	-0.53728E+03
139	-0.15546E+00	-0.10364E+01	-0.15296E+01	0.75536E+03	-0.46484E+03	-0.56636E+03
140	0.15498E+01	0.10332E+02	-0.87821E+01	0.96868E+03	-0.56343E+03	-0.64252E+03
141	0.15068E+01	0.10045E+02	-0.85383E+01	0.97060E+03	-0.57417E+03	-0.68364E+03
142	0.17499E+01	0.11666E+02	-0.99158E+01	0.10149E+04	-0.57550E+03	-0.72651E+03
143	0.17956E+01	0.11971E+02	-0.10175E+02	-0.35437E+03	-0.77868E+03	0.61702E+03
144	0.18859E+01	0.12573E+02	-0.10687E+02	-0.34989E+03	-0.76017E+03	0.58223E+03
145	-0.14126E+01	-0.94171E+01	0.78236E+01	0.15850E+03	-0.56801E+03	0.13836E+04
146	-0.58749E+00	-0.39166E+01	0.63980E+01	0.21917E+03	-0.42044E+03	0.11991E+04
147	-0.60531E+00	-0.40354E+01	0.63058E+01	0.20347E+03	-0.43655E+03	0.11805E+04
148	-0.62615E+00	-0.41743E+01	-0.14986E+01	0.19620E+03	-0.45372E+03	0.11834E+04
149	-0.65848E+00	-0.43365E+01	-0.13952E+01	0.18776E+03	-0.47376E+03	0.12057E+04
150	-0.74989E+00	-0.49992E+01	-0.40437E+00	0.12203E+03	-0.52111E+03	0.11714E+04
151	-0.90265E+00	-0.60177E+01	-0.27376E+01	0.10090E+03	-0.59160E+03	0.11989E+04
152	-0.83560E+00	-0.55706E+01	-0.49407E+02	0.10197E+03	-0.54637E+03	0.11879E+04
153	-0.73166E+00	-0.48777E+01	-0.43733E+02	0.78900E+02	-0.47997E+03	0.11596E+04
154	-0.49375E+00	-0.32916E+01	-0.84245E+02	0.55909E+02	-0.32350E+03	0.11255E+04
155	-0.15084E+00	-0.10056E+01	-0.69445E+02	0.75223E+02	-0.90105E+02	0.10507E+04
156	0.12666E+00	0.84438E+00	-0.58796E+02	0.46423E+02	0.92099E+02	0.97180E+03
157	0.34909E+00	0.23273E+01	-0.46904E+02	0.46903E+02	0.24168E+03	0.86256E+03
158	0.52502E+00	0.35002E+01	-0.38697E+02	0.30155E+02	0.35743E+03	0.75686E+03
159	0.65736E+00	0.43824E+01	-0.27364E+02	0.44603E+01	0.44253E+03	0.62384E+03
160	0.74658E+00	0.49772E+01	-0.19000E+02	-0.44354E+01	0.50117E+03	0.50001E+03
161	0.87846E+00	0.58564E+01	-0.91864E+01	-0.10437E+02	0.55143E+03	0.35085E+03
162	0.90670E+00	0.60447E+01	0.18035E+00	-0.11704E+02	0.53390E+03	0.24290E+03
163	0.10386E+01	0.69240E+01	0.17906E+01	-0.30746E+02	0.60897E+03	0.16933E+03
164	0.10232E+01	0.68546E+01	0.32450E+01	-0.54711E+02	0.59923E+03	0.11414E+03

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165	0.56240E+03	0.85830E+02	0.17997E-01	0.25541E+02	0.60690E+03	0.88633E+02
166	0.45605E+03	0.63924E+02	0.59131E+01	0.17980E+02	0.56421E+03	0.80903E+02
167	0.36226E+03	0.47093E+02	0.79325E+01	0.13639E+02	0.48228E+03	0.74546E+02
168	0.27749E+03	0.34126E+02	0.80520E+01	0.92815E+01	0.39827E+03	0.69205E+02
169	0.17831E+03	0.17359E+02	0.96848E+01	0.53059E+01	0.34248E+03	0.63272E+02
170	0.60159E+02	-0.72585E+00	0.12575E+02	0.82386E+00	0.30826E+03	0.55489E+02
171	-0.20435E+02	-0.18063E+02	0.14722E+02	-0.51632E+01	0.24572E+03	0.46971E+02
172	-0.79333E+02	-0.25859E+02	0.13406E+02	-0.11191E+02	0.16317E+03	0.36656E+02
173	-0.80569E+02	-0.20944E+02	0.83411E+01	-0.14463E+02	0.89483E+02	0.29401E+02
174	-0.49943E+02	-0.10331E+02	0.25369E+01	-0.14931E+02	0.36063E+02	0.24292E+02
175	-0.12045E+02	-0.92755E+00	-0.81805E+00	-0.11932E+02	0.19624E+02	0.21883E+02
176	0.21110E+01	0.15432E+01	-0.11050E+01	-0.89465E+01	0.24495E+02	0.20372E+02
177	0.39086E+01	0.11878E+01	-0.52524E+00	-0.63611E+01	0.27531E+02	0.16760E+02
178	0.13792E+01	0.19628E+00	0.16325E-01	-0.44136E+01	0.20901E+02	0.12127E+02
179	-0.38867E+00	-0.14197E+00	0.77722E-01	-0.35032E+01	0.14881E+02	0.85727E+01
180	0.85974E-02	-0.50186E-01	0.47235E-01	-0.25174E+01	0.87497E+01	0.51885E+01
181	-0.13829E+00	-0.14054E+00	0.10473E+00	-0.17676E+01	0.40030E+01	0.18426E+01
182	0.55978E+00	0.25998E+00	-0.15305E+00	-0.53140E+00	-0.87814E+00	-0.20833E-01

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TOTAL DISPLACEMENTS AFTER MODE SUPERPOSITION AT TIME 0.9900E+01 (FOR FOURIER TERM, NUMBER 1)

N.P.	R-DISPLACEMENT	Z-DISPLACEMENT	T-DISPLACEMENT	ROTATION
1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	-0.57540E-01	0.79396E-04	0.58093E-01	0.00000E+00
3	-0.10763E+00	-0.17123E-03	0.10759E+00	0.00000E+00
4	-0.12024E+00	-0.19921E-03	0.11984E+00	0.00000E+00
5	-0.13746E+00	0.16533E-04	0.13762E+00	0.00000E+00
6	-0.14913E+00	-0.13282E-04	0.14914E+00	0.00000E+00
7	-0.13753E+00	-0.14378E-02	0.13769E+00	0.00000E+00
8	-0.14950E+00	-0.12808E-02	0.14964E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	-0.56627E-01	-0.76176E-03	0.56500E-01	0.00000E+00
11	-0.10631E+00	-0.17803E-02	0.10640E+00	0.00000E+00
12	-0.11935E+00	-0.21921E-02	0.11960E+00	0.00000E+00
13	-0.13776E+00	-0.22256E-02	0.13806E+00	0.00000E+00
14	-0.15037E+00	-0.20745E-02	0.15100E+00	0.00000E+00
15	-0.13856E+00	-0.37143E-02	0.13995E+00	0.00000E+00
16	-0.15183E+00	-0.32541E-02	0.15334E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	-0.55224E-01	-0.14249E-02	0.56319E-01	0.00000E+00
19	-0.10529E+00	-0.34726E-02	0.10707E+00	0.00000E+00
20	-0.11923E+00	-0.43417E-02	0.12112E+00	0.00000E+00
21	-0.13936E+00	-0.44631E-02	0.14163E+00	0.00000E+00
22	-0.15396E+00	-0.41273E-02	0.15677E+00	0.00000E+00
23	-0.14058E+00	-0.61726E-02	0.14426E+00	0.00000E+00
24	-0.15683E+00	-0.54226E-02	0.16151E+00	0.00000E+00
25	-0.13855E+00	-0.67453E-02	0.16446E+00	0.00000E+00
26	-0.15958E+00	-0.70984E-02	0.16622E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	-0.53155E-01	-0.14869E-02	0.54754E-01	0.00000E+00
29	-0.10293E+00	-0.40668E-02	0.10560E+00	0.00000E+00
30	-0.11800E+00	-0.55315E-02	0.12098E+00	0.00000E+00
31	-0.14082E+00	-0.69529E-02	0.14598E+00	0.00000E+00
32	-0.16061E+00	-0.73386E-02	0.16809E+00	0.00000E+00
33	-0.14068E+00	-0.71676E-02	0.14618E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	-0.52462E-01	-0.12159E-02	0.53795E-01	0.00000E+00
36	-0.10193E+00	-0.34511E-02	0.10405E+00	0.00000E+00
37	-0.11708E+00	-0.47310E-02	0.11921E+00	0.00000E+00
38	-0.14051E+00	-0.64550E-02	0.14577E+00	0.00000E+00
39	-0.16195E+00	-0.77132E-02	0.17096E+00	0.00000E+00
40	-0.16168E+00	-0.76937E-02	0.17034E+00	0.00000E+00
41	-0.16141E+00	-0.76731E-02	0.16975E+00	0.00000E+00
42	-0.16112E+00	-0.76299E-02	0.16905E+00	0.00000E+00
43	-0.11523E+00	-0.29775E-02	0.11350E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	-0.49969E-01	-0.32945E-03	0.48102E-01	0.00000E+00
46	-0.97881E-01	-0.13135E-02	0.93009E-01	0.00000E+00
47	-0.16202E+00	-0.77130E-02	0.17111E+00	0.00000E+00
48	-0.16204E+00	-0.77139E-02	0.17117E+00	0.00000E+00
49	-0.14039E+00	-0.61970E-02	0.14538E+00	0.00000E+00
50	-0.16214E+00	-0.77753E-02	0.17165E+00	0.00000E+00
51	-0.13817E+00	-0.44051E-02	0.13681E+00	0.00000E+00
52	-0.15845E+00	-0.77263E-02	0.15775E+00	0.00000E+00
53	-0.16196E+00	-0.76839E-02	0.17095E+00	0.00000E+00
54	-0.11243E+00	-0.22425E-02	0.10634E+00	0.00000E+00
55	-0.13465E+00	-0.37859E-02	0.12733E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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57	-0.47373E-01	0.73758E-03	0.40893E-01	0.00000E+00
58	-0.92853E-01	0.22539E-03	0.79940E-01	0.00000E+00
59	-0.15285E+00	-0.57455E-02	0.14461E+00	0.00000E+00
60	-0.15687E+00	-0.71968E-02	0.15364E+00	0.00000E+00
61	-0.16217E+00	-0.78171E-02	0.17194E+00	0.00000E+00
62	-0.10665E+00	0.68377E-04	0.91257E-01	0.00000E+00
63	-0.12676E+00	-0.75235E-03	0.10808E+00	0.00000E+00
64	-0.15942E+00	-0.76318E-02	0.15692E+00	0.00000E+00
65	-0.16220E+00	-0.78572E-02	0.17222E+00	0.00000E+00
66	-0.16243E+00	-0.79363E-02	0.17279E+00	0.00000E+00
67	-0.16266E+00	-0.80139E-02	0.17337E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	-0.45418E-01	0.10745E-02	0.34244E-01	0.00000E+00
70	-0.87574E-01	0.21426E-02	0.66473E-01	0.00000E+00
71	-0.14439E+00	-0.17419E-02	0.12339E+00	0.00000E+00
72	-0.15973E+00	-0.78774E-02	0.15658E+00	0.00000E+00
73	-0.11903E+00	0.20423E-02	0.89723E-01	0.00000E+00
74	-0.16471E+00	-0.83892E-02	0.16136E+00	0.00000E+00
75	-0.16285E+00	-0.80746E-02	0.17391E+00	0.00000E+00
76	-0.16408E+00	-0.81803E-02	0.17488E+00	0.00000E+00
77	-0.13524E+00	0.12426E-02	0.10125E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	-0.43867E-01	0.17985E-02	0.28621E-01	0.00000E+00
80	-0.82835E-01	0.35135E-02	0.53361E-01	0.00000E+00
81	-0.93749E-01	0.43523E-02	0.60219E-01	0.00000E+00
82	-0.11028E+00	0.41373E-02	0.70376E-01	0.00000E+00
83	-0.16113E+00	-0.33163E-02	0.13743E+00	0.00000E+00
84	-0.14252E+00	0.21771E-02	0.94891E-01	0.00000E+00
85	-0.16668E+00	-0.83172E-02	0.17615E+00	0.00000E+00
86	-0.17030E+00	-0.85694E-02	0.16683E+00	0.00000E+00
87	-0.12524E+00	0.37694E-02	0.79841E-01	0.00000E+00
88	-0.16713E+00	-0.82074E-02	0.15283E+00	0.00000E+00
89	-0.16901E+00	-0.84333E-02	0.17739E+00	0.00000E+00
90	-0.94113E-01	0.28383E-02	0.39204E-01	0.00000E+00
91	-0.10223E+00	0.23345E-02	0.41738E-01	0.00000E+00
92	-0.10760E+00	0.17352E-03	0.43683E-01	0.00000E+00
93	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	-0.34779E-01	0.00000E+00	0.40473E-02	0.00000E+00
95	-0.64450E-01	0.00000E+00	0.84999E-02	0.00000E+00
96	-0.71604E-01	0.00000E+00	0.97349E-02	0.00000E+00
97	-0.80453E-01	0.00000E+00	0.12336E-01	0.00000E+00
98	-0.83921E-01	0.00000E+00	0.13541E-01	0.00000E+00
99	-0.92030E-01	0.16261E-02	0.27803E-01	0.00000E+00
100	-0.11581E+00	0.17565E-02	0.52866E-01	0.00000E+00
101	-0.15642E+00	0.29173E-04	0.10211E+00	0.00000E+00
102	-0.17515E+00	-0.85668E-02	0.17916E+00	0.00000E+00
103	-0.17055E+00	-0.43569E-02	0.14481E+00	0.00000E+00
104	-0.17965E+00	-0.89715E-02	0.17379E+00	0.00000E+00
105	-0.18024E+00	-0.86826E-02	0.18078E+00	0.00000E+00
106	-0.17725E+00	-0.53394E-02	0.14995E+00	0.00000E+00
107	-0.18679E+00	-0.95119E-02	0.17876E+00	0.00000E+00
108	-0.18460E+00	-0.87487E-02	0.18224E+00	0.00000E+00
109	-0.18612E+00	-0.87898E-02	0.18349E+00	0.00000E+00
110	-0.18649E+00	-0.69392E-02	0.15581E+00	0.00000E+00
111	-0.19222E+00	-0.10119E-01	0.13240E+00	0.00000E+00
112	-0.19104E+00	-0.87986E-02	0.18454E+00	0.00000E+00
113	-0.18985E+00	-0.73980E-02	0.16263E+00	0.00000E+00
114	-0.19314E+00	-0.87669E-02	0.18532E+00	0.00000E+00
115	-0.19462E+00	-0.87157E-02	0.18587E+00	0.00000E+00
116	-0.19532E+00	-0.86453E-02	0.18611E+00	0.00000E+00

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117	-0.19449E+00	-0.10090E-01	0.18382E+00	0.00000E+00
118	-0.19535E+00	-0.86076E-02	0.18614E+00	0.00000E+00
119	-0.19528E+00	-0.85305E-02	0.18504E+00	0.00000E+00
120	-0.19592E+00	-0.99158E-02	0.18471E+00	0.00000E+00
121	-0.19509E+00	-0.84143E-02	0.18582E+00	0.00000E+00
122	-0.19508E+00	-0.83120E-02	0.18598E+00	-0.25449E-04
123	-0.19500E+00	-0.80882E-02	0.18609E+00	-0.46641E-04
124	-0.19486E+00	-0.77218E-02	0.18621E+00	-0.72691E-04
125	-0.19461E+00	-0.71726E-02	0.18632E+00	-0.10669E-03
126	-0.19393E+00	-0.58248E-02	0.18651E+00	-0.15575E-03
127	-0.19317E+00	-0.41245E-02	0.18668E+00	-0.17846E-03
128	-0.19141E+00	-0.17513E-03	0.18705E+00	-0.16895E-03
129	-0.19004E+00	0.31007E-02	0.18738E+00	-0.12509E-03
130	-0.18911E+00	0.55340E-02	0.18774E+00	-0.63358E-04
131	-0.18836E+00	0.63308E-02	0.18829E+00	0.14413E-04
132	-0.18934E+00	0.49139E-02	0.18880E+00	0.42942E-04
133	-0.18986E+00	0.30709E-02	0.18926E+00	0.36094E-04
134	-0.19013E+00	0.19139E-02	0.18964E+00	0.18330E-04
135	-0.19024E+00	0.14479E-02	0.18995E+00	0.83367E-05
136	-0.19031E+00	0.10594E-02	0.19018E+00	0.11017E-04
137	-0.19035E+00	0.60068E-03	0.19032E+00	0.11416E-04
138	-0.19039E+00	0.95828E-04	0.19039E+00	0.12827E-04
139	-0.19039E+00	0.11538E-04	0.19039E+00	0.11591E-04

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

STRESS HISTORY OF SOLID FOR FOURIER TERM= 1 AT TIME = 0.9900E+01

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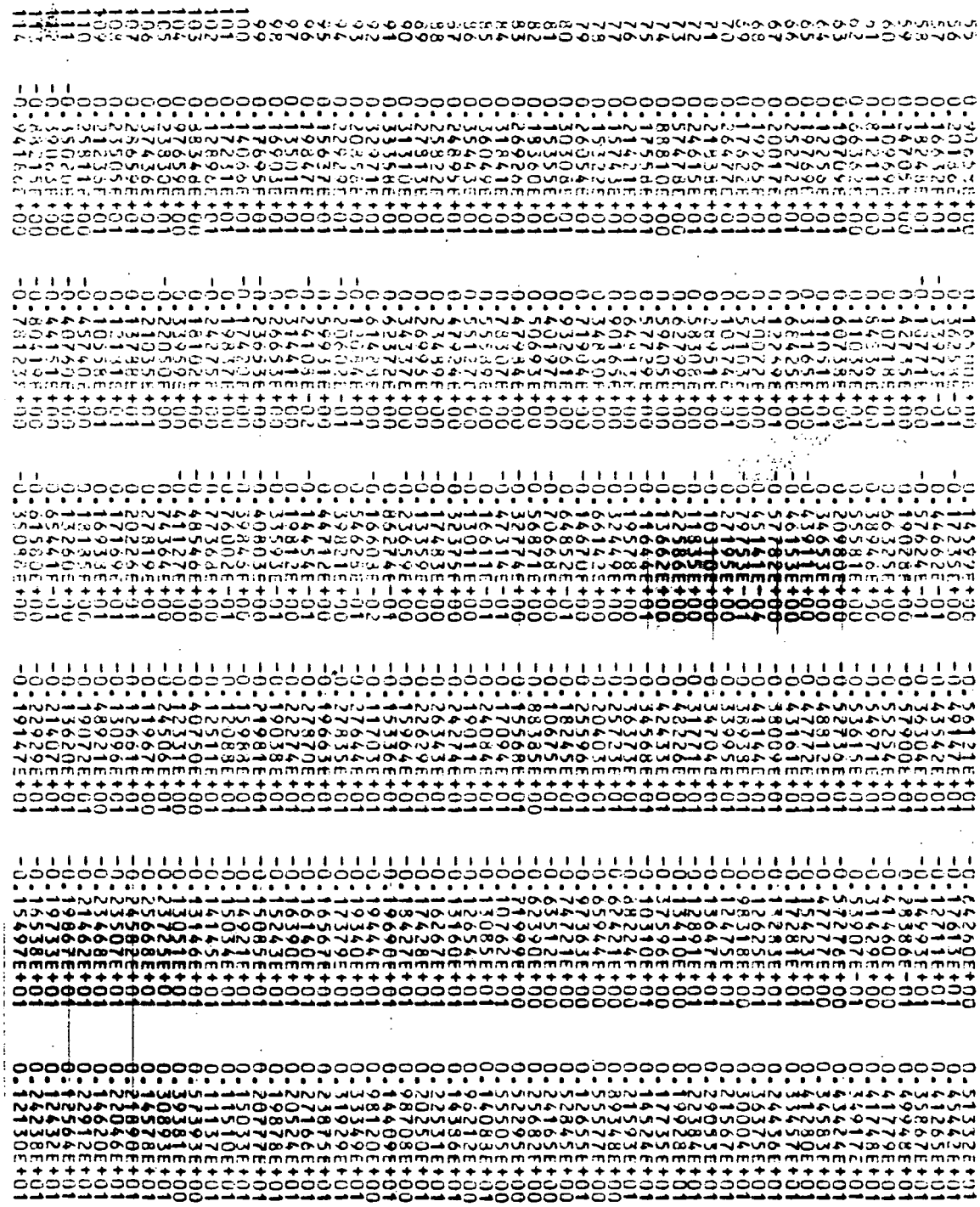
EL.	R-STRESS	Z-STRESS	T-STRESS	RZ-STRESS	RZ-STRESS	ZT-STRESS
1	0.10777E+00	-0.45442E-01	0.70528E-01	-0.70090E+01	-0.77130E-01	0.70290E+01
2	0.27320E+00	-0.52237E-01	0.13855E+00	-0.61911E+01	-0.12421E+00	0.61745E+01
3	0.45881E+00	-0.41027E-01	0.10305E+00	-0.49770E+01	-0.10051E+00	0.49982E+01
4	-0.18801E+00	-0.51703E-01	-0.26846E+00	-0.39937E+01	0.11035E+00	0.41020E+01
5	0.26291E+00	-0.32436E-02	0.96233E-01	-0.40335E+01	-0.18557E-01	0.41238E+01
6	-0.12278E+00	-0.74134E-01	-0.11803E-01	-0.41304E+01	0.42930E-01	0.42106E+01
7	-0.12855E+00	-0.65468E-02	-0.24544E-02	-0.28908E+01	0.51739E-01	0.28954E+01
8	-0.28667E+00	-0.28970E-01	-0.27147E-01	-0.28929E+01	0.12123E+00	0.30012E+01
9	-0.16385E+00	-0.53323E+00	-0.24632E+00	-0.68607E+01	-0.19248E-01	0.69223E+01
10	-0.43935E-01	-0.60912E+00	-0.16217E+00	-0.61855E+01	-0.17434E-01	0.62452E+01
11	0.10550E+00	-0.53823E+00	0.13552E+00	-0.52412E+01	0.65403E-01	0.52983E+01
12	-0.69485E+00	-0.42039E+00	-0.30524E+00	-0.42570E+01	0.29143E+00	0.42089E+01
13	-0.41973E-01	-0.25653E+00	0.79266E-01	-0.43681E+01	0.66498E-01	0.44499E+01
14	-0.61595E+00	-0.37681E+00	-0.14204E+00	-0.44966E+01	0.21187E+00	0.46484E+01
15	-0.67285E+00	-0.13786E+00	-0.12653E+00	-0.31429E+01	0.31271E+00	0.31548E+01
16	-0.81905E+00	-0.11135E+00	-0.83800E-01	-0.32697E+01	0.35819E+00	0.33984E+01
17	-0.16209E+00	-0.67385E+00	-0.27693E+00	-0.66255E+01	-0.79467E-01	0.68100E+01
18	0.86837E-01	-0.81220E+00	-0.13776E+00	-0.61257E+01	-0.16863E+00	0.62680E+01
19	0.51904E+00	-0.87831E+00	0.26158E+00	-0.54544E+01	-0.26330E+00	0.56627E+01
20	-0.93617E+00	-0.59993E+00	-0.32962E+00	-0.46701E+01	0.36665E+00	0.46509E+01
21	-0.59600E-02	-0.76542E+00	-0.20677E-01	-0.48629E+01	-0.11549E+00	0.52215E+01
22	-0.97957E+00	-0.15126E+01	-0.64607E+00	-0.50810E+01	0.17662E+00	0.56142E+01
23	-0.11896E+01	-0.20768E+00	-0.18141E+00	-0.37280E+01	0.53045E+00	0.38322E+01
24	-0.23900E+01	-0.81145E+00	-0.81537E+00	-0.41205E+01	0.89830E+00	0.40789E+01
25	-0.11738E+01	-0.73513E+00	-0.28166E+00	-0.42510E+01	0.44765E+00	0.46587E+01
26	-0.37597E+01	-0.25341E+01	-0.19703E+01	-0.46000E+01	0.10823E+01	0.51717E+01
27	-0.92812E-01	-0.55893E+00	-0.22330E+00	-0.64220E+01	-0.13229E+00	0.66498E+01
28	0.22438E+00	-0.76891E+00	-0.87371E-01	-0.59585E+01	-0.34583E+00	0.62401E+01
29	0.10342E+01	-0.89207E+00	0.35311E+00	-0.52011E+01	-0.91126E+00	0.58134E+01
30	-0.24599E+00	-0.10121E+01	-0.12859E+00	-0.50602E+01	-0.29035E-01	0.56094E+01
31	0.18589E+00	-0.12252E+01	-0.13392E+00	-0.47919E+01	-0.59998E+00	0.53235E+01
32	-0.41690E+00	-0.13634E+01	-0.38185E+00	-0.46556E+01	-0.35989E+00	0.59211E+01
33	-0.27976E+01	-0.20065E+01	-0.13860E+01	-0.48526E+01	0.67016E+00	0.54365E+01
34	-0.65516E+01	-0.44953E+01	-0.38375E+01	-0.50592E+01	0.15000E+01	0.58904E+01
35	-0.15544E+01	-0.11604E+01	-0.49469E+00	-0.50165E+01	0.48592E+00	0.58875E+01
36	0.47217E+00	-0.15411E+00	0.62955E+00	-0.46564E+01	-0.42105E+00	0.60641E+01
37	-0.22932E+01	-0.22604E+01	-0.12375E+01	-0.51861E+01	0.52210E+00	0.62641E+01
38	0.13590E+00	-0.22769E+00	-0.44066E-01	-0.62286E+01	-0.19682E+00	0.62347E+01
39	0.52322E+00	-0.32849E+00	0.32712E-01	-0.57024E+00	-0.57024E+00	0.58468E+01
40	0.11623E+01	-0.81119E+00	0.20082E+00	-0.50630E+01	-0.16391E+01	0.57203E+01
41	0.15691E+01	-0.14658E-02	0.31750E+00	-0.53197E+01	-0.14890E+01	0.55889E+01
42	0.20039E+01	-0.24495E+00	0.13149E+00	-0.51296E+01	-0.18528E+01	0.49672E+01
43	0.63221E+00	-0.58587E+00	0.21192E+00	-0.47526E+01	-0.94984E+00	0.59374E+01
44	0.12521E+01	-0.17580E+00	0.47355E+00	-0.46438E+01	-0.15740E+01	0.51603E+01
45	0.19419E+01	0.16064E+00	0.62483E+00	-0.48670E+01	-0.14922E+01	0.51330E+01
46	0.10115E+01	-0.58363E+00	-0.12972E+00	-0.46932E+01	-0.10774E+01	0.46110E+01
47	-0.61966E+00	-0.12417E+01	-0.20949E+00	-0.49100E+01	-0.29242E+00	0.63224E+01
48	-0.19095E+00	-0.10679E+01	0.75892E-01	-0.52044E+01	-0.40225E+00	0.63883E+01
49	0.54244E+00	-0.95250E+00	0.22502E+00	-0.50726E+01	-0.12525E+01	0.67607E+01
50	0.45967E+01	0.74020E+00	0.22909E+01	-0.43325E+01	-0.33976E+01	0.46974E+01
51	0.90047E+00	0.48744E+00	0.12491E+01	-0.20776E+00	-0.44313E+00	0.12471E+01
52	0.26893E+01	0.13278E+01	0.21174E+01	0.15452E+01	-0.18687E+01	-0.56099E+01
53	0.17592E+01	-0.80851E+00	0.76166E-01	-0.39191E+01	-0.16778E+01	0.41224E+01
54	0.54193E+00	0.40144E+00	0.28709E+00	-0.59095E+01	-0.23211E+00	0.54370E+01

5622

000748



5622

115	-0.10375E+01	-0.83250E+00	-0.53332E+00	-0.33404E+01	-0.15038E+01	0.11754E+01
116	-0.46692E+00	-0.73037E+00	-0.59678E+00	-0.25596E+01	-0.11558E+01	0.20912E+01
117	0.13331E+00	-0.10150E+00	0.18874E-02	-0.27985E+01	-0.93521E+00	0.10984E+01
118	0.76593E-01	-0.15446E+00	-0.21195E+00	-0.24016E+01	-0.88165E+00	0.10146E+01
119	0.21818E-01	-0.64481E+00	-0.60933E+00	-0.20002E+01	-0.67931E+00	0.15614E+01
120	0.43141E+00	0.78494E-01	-0.12940E+00	-0.20002E+01	-0.51440E+00	0.90394E+00
121	0.41205E+00	0.44111E-01	-0.26839E+00	-0.16809E+01	-0.47958E+00	0.79303E+00
122	-0.18441E+00	-0.92415E+00	-0.98481E+00	-0.16079E+01	-0.34307E+00	0.12092E+01
123	0.26260E-02	-0.21161E+00	-0.65184E+00	-0.13208E+01	-0.19339E+00	0.63838E+00
124	-0.30720E-01	-0.22755E+00	-0.72296E+00	-0.98619E+00	-0.17450E+00	0.52950E+00
125	0.13176E+00	-0.19434E+00	-0.67341E+00	-0.80393E+00	-0.14279E+00	0.61432E+00
126	-0.14340E+00	-0.29024E+00	-0.84729E+00	-0.57220E+00	-0.69653E-01	0.36055E+00
127	-0.14462E+00	-0.28444E+00	-0.85612E+00	-0.22746E+00	-0.45841E-01	0.26404E+00
128	-0.65521E+00	-0.61829E+00	-0.11999E+01	-0.38528E+00	-0.68520E-02	0.32898E+00
129	-0.14243E+01	-0.10729E+01	-0.16985E+01	-0.10159E+00	0.99768E-01	0.10772E+00
183	0.28329E+01	-0.56421E+00	0.79375E+00	-0.40580E+01	-0.25063E+01	0.46861E+01

746

STRESS RESULTANTS AND COUPLES OF SHELL FOR FOURIER TERM = 1 AT TIME = 0.9900E+01

EL.	MERI-MOM	CIRC-MOM	CROSS-MOM	MERI-FORCES	CIRC-FORCES	SHEAR-FORCES
130	0.67402E+00	0.44935E+01	-0.38195E+01	-0.67149E+02	0.15759E+02	0.29542E+02
131	0.25199E-01	0.16799E+00	-0.14279E+00	-0.15710E+03	0.23517E+02	0.88989E+02
132	0.14757E+00	0.98378E+00	-0.83621E+00	-0.26335E+03	0.39414E+02	0.15328E+03
133	0.38239E-01	0.25492E+00	-0.21669E+00	-0.38332E+03	0.56489E+02	0.22562E+03
134	0.10275E+00	0.68438E+00	-0.58223E+00	-0.51913E+03	0.75716E+02	0.31310E+03
135	0.28055E+00	0.18704E+01	-0.15893E+01	-0.62034E+03	0.92778E+02	0.39209E+03
136	0.72442E-01	0.48293E+00	-0.41050E+00	-0.70600E+03	0.99528E+02	0.44729E+03
137	0.12549E-01	0.83658E-01	-0.71109E-01	-0.69709E+03	0.11638E+03	0.47160E+03
138	0.65344E+00	0.43562E+01	-0.30324E+01	-0.71758E+03	0.24133E+03	0.50993E+03
139	-0.25377E+00	-0.16918E+01	0.37871E+01	-0.69524E+03	0.49331E+03	0.53815E+03
140	-0.21797E+01	-0.14531E+02	0.12352E+02	-0.88740E+03	0.59762E+03	0.61138E+03
141	-0.21002E+01	-0.14001E+02	0.11901E+02	-0.88755E+03	0.60872E+03	0.65131E+03
142	-0.23903E+01	-0.15935E+02	0.13545E+02	-0.93184E+03	0.61010E+03	0.69280E+03
143	-0.24639E+01	-0.16425E+02	0.13962E+02	0.34535E+03	0.79969E+03	-0.58549E+03
144	-0.28667E+01	-0.19112E+02	0.16245E+02	0.33872E+03	0.78175E+03	-0.55191E+03
145	0.14507E+01	0.96715E+01	-0.66645E+01	-0.23692E+03	0.57222E+03	-0.13167E+04
146	0.60041E+00	0.40027E+01	-0.57429E+01	-0.25996E+03	0.42430E+03	-0.11419E+04
147	0.61652E+00	0.41101E+01	-0.56502E+01	-0.24531E+03	0.43893E+03	-0.11240E+04
148	0.63519E+00	0.42346E+01	0.16053E+01	-0.23811E+03	0.45441E+03	-0.11267E+04
149	0.65687E+00	0.43791E+01	0.15089E+01	-0.23008E+03	0.47234E+03	-0.11477E+04
150	0.75395E+00	0.50265E+01	0.63152E+00	-0.16590E+03	0.51747E+03	-0.11146E+04
151	0.90500E+00	0.60334E+01	0.25750E+02	-0.14902E+03	0.58597E+03	-0.11406E+04
152	0.83920E+00	0.55946E+01	0.46262E+02	-0.14891E+03	0.54175E+03	-0.11299E+04
153	0.73561E+00	0.49241E+01	0.40898E+02	-0.12353E+03	0.47795E+03	-0.11025E+04
154	0.51253E+00	0.34162E+01	0.78553E+02	-0.10024E+03	0.32947E+03	-0.10698E+04
155	0.13833E+00	0.12555E+01	0.64553E+02	-0.11333E+03	0.10959E+03	-0.99862E+03
156	-0.75382E-01	-0.50255E+00	0.54910E+02	-0.83622E+02	-0.63213E+02	-0.92403E+03
157	-0.28901E+00	-0.19267E+01	0.43884E+02	-0.76923E+02	-0.20580E+03	-0.82087E+03
158	-0.46045E+00	-0.30697E+01	0.36492E+02	-0.57594E+02	-0.31814E+03	-0.72131E+03
159	-0.59260E+00	-0.39507E+01	0.26056E+02	-0.24777E+02	-0.40205E+03	-0.59589E+03
160	-0.68561E+00	-0.45707E+01	0.18421E+02	-0.12030E+02	-0.46265E+03	-0.47913E+03
161	-0.81991E+00	-0.54661E+01	0.96246E+01	0.36427E+01	-0.51559E+03	-0.33767E+03
162	-0.85606E+00	-0.57071E+01	0.60138E+00	0.89042E+01	-0.50440E+03	-0.23648E+03
163	-0.99020E+00	-0.66014E+01	-0.71637E+00	0.31290E+02	-0.58030E+03	-0.16612E+03
164	-0.99385E+00	-0.66257E+01	-0.21178E+01	0.61794E+02	-0.57787E+03	-0.11256E+03

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165	-0.54914E+03	-0.85427E+02	0.15213E+01	-0.29262E+02	-0.59203E+03	-0.86956E+02
166	-0.44912E+03	-0.64395E+02	-0.45510E+01	-0.21907E+02	-0.55108E+03	-0.79492E+02
167	-0.35879E+03	-0.47643E+02	-0.69712E+01	-0.17631E+02	-0.47177E+03	-0.73346E+02
168	-0.27636E+03	-0.34623E+02	-0.74449E+01	-0.13346E+02	-0.39025E+03	-0.68179E+02
169	-0.17864E+03	-0.17934E+02	-0.92074E+01	-0.94254E+01	-0.33630E+03	-0.62433E+02
170	-0.81454E+02	-0.14764E-02	-0.12393E+02	-0.49927E+01	-0.30344E+03	-0.55857E+02
171	0.18273E+02	0.17216E+02	-0.14253E+02	0.95396E+00	-0.24293E+03	-0.46619E+02
172	0.76851E+02	0.25017E+02	-0.13003E+02	0.70063E+01	-0.16275E+03	-0.36606E+02
173	0.78528E+02	0.20316E+02	-0.80762E+01	0.10336E+02	-0.90914E+02	-0.29570E+02
174	0.48973E+02	0.99821E+01	-0.24286E+01	0.11105E+02	-0.38942E+02	-0.24624E+02
175	0.11726E+02	0.77681E+00	0.89309E+00	0.84998E+01	-0.22877E+02	-0.22280E+02
176	-0.21329E+01	-0.16359E+01	0.11691E+01	0.59177E+01	-0.27705E+02	-0.20752E+02
177	-0.41637E+01	-0.13109E+01	0.59255E+00	0.38921E+01	-0.30810E+02	-0.17128E+02
178	-0.16725E+01	-0.23260E+00	-0.28061E-01	0.26035E+01	-0.23549E+02	-0.12425E+02
179	0.47221E+00	0.20169E+00	-0.12263E+00	0.22577E+01	-0.16638E+02	-0.87198E+01
180	0.63003E-01	0.73782E-01	-0.59883E-01	0.17636E+01	-0.96668E+01	-0.52399E+01
181	0.15791E+00	0.16785E+00	-0.12697E+00	0.14646E+01	-0.43928E+01	-0.18164E+01
182	-0.54604E+00	-0.25361E+00	0.14930E+00	0.53098E+00	0.10450E+01	0.67163E-01

NEGATIVE TIME INCREMENT AT TIME 10.0000

TIME IN FORMK = 0.000

TIME IN SYMSOL OR BANEIG = 0.000

TIME IN STRESS OR RESPON = 0.000

TIME IN FOUSUM = 0.000

END OF PROBLEM

747

000751

5622

5622

000752

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                                  EEEEE  N   N  DDDD          000   FFFFF            J   000   BBBB
                                  E      N   N  D   D        0   0  F                J  0   0  B   B
??????????????????????????????    E      NN  N  D   D        0   0  F                J  0   0  B   B   ??????????????????????????????
??????????????????????????????    EEEE   N N N  D   D        0   0  FFFF             J  0   0  BBBB    ??????????????????????????????
??????????????????????????????    E      N  NN  D   D        0   0  F            J   J  0   0  B   B   ??????????????????????????????
                                  E      N   N  D   D        0   0  F            J   J  0   0  B   B
                                  EEEEE  N   N  DDDD          000   F             JJJ    000   BBBB

                                  FFFFF  FFFFF      J  L      H   H
                                  F      F          J  L      H   H
                                  F      F          J  L      H   H
                                  FFFF   FFFF       J  L      HHHHH
                                  F      F      J   J  L      H   H
                                  F      F      J   J  L      H   H
                                  F      F       JJJ   LLLLL  H   H

                                   SSSS   000   U   U  TTTTT  H   H
                                  S      0   0  U   U    T    H   H
                                  S      0   0  U   U    T    H   H
                                   SSS   0   0  U   U    T    HHHHH
                                      S  0   0  U   U    T    H   H
                                      S  0   0  U   U    T    H   H
                                  SSSS    000   UUUUU    T    H   H

                     J   000   BBBB          1     222   55555   000
                     J  0   0  B   B        11    2   2  5      0   0
                     J  0   0  B   B         1        2  555    0  00
                     J  0   0  BBBB          1       2      5   0 0 0
                  J  J  0   0  B   B         1      2       5  00  0
                  J  J  0   0  B   B         1     2     5   5  0   0
                   JJJ    000   BBBB        111   22222   555    000
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Received: .....

Date : .....

Operator: .....

Job SOUTH (1250) queued to P$CENTRAL on 13-NOV-1988 16:06 by user FFJLH, UIC [FFJLH], under account AUFF Y at priority 100.
completed on printer _ACAD3A$LCA0: on 14-NOV-1988 09:22 from queue P$CENTRAL.

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??????????????????????????????????????  Digital Equipment Corporation - VAX/VMS Version V4.7  ??????????????????????????????????????????
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12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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