FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-3.1202	-0.2390	0.0	0.0	0.0	-2.3596
0.100	-3.1202	-0.2390	0.0	0.0	0.0	-2.1825
0.200	-3.1202	-0.2390	0.0	0.0	0.0	-2.0053
0.300	-3.1202	-0.2390	0.0	0.0	0.0	-1.8282
0.400	-3.1202	-0.2390	0.0	0.0	0.0	-1.6510
0.500	-3.1202	-0.2390	0.0	0.0	0.0	-1.4739
0.600	-3.1202	-0.2390	0.0	0.0	0.0	-1.2968
0.700	-3.1202	-0.2390	0.0	0.0	0.0	-1.1196
0.800	-3.1202	-0.2390	0.0	0.0	0.0	-0.9425
0.900	-3.1202	-0.2390	0.0	0.0	0.0	-0.7653
1.000	-3.1202	-0.2390	0.0	0.0	0.0	-0.5882

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.2864	0.2342	0.0	0.0	0.0	2.5200
0.100	-0.2864	0.2342	0.0	0.0	0.0	2.3464
0.200	-0.2864	0.2342	0.0	0.0	0.0	2.1729
0.300	-0.2864	0.2342	0.0	0.0	0.0	1.9993
0.400	-0.2864	0.2342	0.0	0.0	0.0	1.8257
0.500	-0.2864	0.2342	0.0	0.0	0.0	1.6522
0.600	-0.2864	0.2342	0.0	0.0	0.0	1.4786
0.700	-0.2864	0.2342	0.0	0.0	0.0	1.3050
0.800	-0.2864	0.2342	0.0	0.0	0.0	1.1315
0.900	-0.2864	0.2342	0.0	0.0	0.0	0.9579
1.000	-0.2864	0.2342	0.0	0.0	0.0	0.7843

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.2363	1.2344	0.0	0.0	0.0	13.2165
0.100	-0.2363	1.2344	0.0	0.0	0.0	12.3016
0.200	-0.2363	1.2344	0.0	0.0	0.0	11.3867
0.300	-0.2363	1.2344	0.0	0.0	0.0	10.4718
0.400	-0.2363	1.2344	0.0	0.0	0.0	9.5569
0.500	-0.2363	1.2344	0.0	0.0	0.0	8.6420
0.600	-0.2363	1.2344	0.0	0.0	0.0	7.7271
0.700	-0.2363	1.2344	0.0	0.0	0.0	6.8122
0.800	-0.2363	1.2344	0.0	0.0	0.0	5.8974
0.900	-0.2363	1.2344	0.0	0.0	0.0	4.9825
1.000	-0.2363	1.2344	0.0	0.0	0.0	4.0676

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0797	-0.6144	0.0	0.0	0.0	-6.5008
0.100	0.0797	-0.6144	0.0	0.0	0.0	-6.0454
0.200	0.0797	-0.6144	0.0	0.0	0.0	-5.5901
0.300	0.0797	-0.6144	0.0	0.0	0.0	-5.1347

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0.400	0.0797	-0.6144	0.0	0.0	0.0	-4.6794
0.500	0.0797	-0.6144	0.0	0.0	0.0	-4.2240
0.600	0.0797	-0.6144	0.0	0.0	0.0	-3.7687
0.700	0.0797	-0.6144	0.0	0.0	0.0	-3.3133
0.800	0.0797	-0.6144	0.0	0.0	0.0	-2.8580
0.900	0.0797	-0.6144	0.0	0.0	0.0	-2.4026
1.000	0.0797	-0.6144	0.0	0.0	0.0	-1.9473

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.2111	-2.8409	0.0	0.0	0.0	-30.1710
0.100	0.2111	-2.8409	0.0	0.0	0.0	-28.0655
0.200	0.2111	-2.8409	0.0	0.0	0.0	-25.9600
0.300	0.2111	-2.8409	0.0	0.0	0.0	-23.8544
0.400	0.2111	-2.8409	0.0	0.0	0.0	-21.7489
0.500	0.2111	-2.8409	0.0	0.0	0.0	-19.6434
0.600	0.2111	-2.8409	0.0	0.0	0.0	-17.5379
0.700	0.2111	-2.8409	0.0	0.0	0.0	-15.4324
0.800	0.2111	-2.8409	0.0	0.0	0.0	-13.3268
0.900	0.2111	-2.8409	0.0	0.0	0.0	-11.2213
1.000	0.2111	-2.8409	0.0	0.0	0.0	-9.1158

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	1.2192	0.0100	0.0	0.0	0.0	2.8495
0.100	1.2192	0.0100	0.0	0.0	0.0	2.8421
0.200	1.2192	0.0100	0.0	0.0	0.0	2.8347
0.300	1.2192	0.0100	0.0	0.0	0.0	2.8273
0.400	1.2192	0.0100	0.0	0.0	0.0	2.8199
0.500	1.2192	0.0100	0.0	0.0	0.0	2.8124
0.600	1.2192	0.0100	0.0	0.0	0.0	2.8050
0.700	1.2192	0.0100	0.0	0.0	0.0	2.7976
0.800	1.2192	0.0100	0.0	0.0	0.0	2.7902
0.900	1.2192	0.0100	0.0	0.0	0.0	2.7828
1.000	1.2192	0.0100	0.0	0.0	0.0	2.7754

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	7.0031	0.0457	0.0	0.0	0.0	13.1288
0.100	7.0031	0.0457	0.0	0.0	0.0	13.0949
0.200	7.0031	0.0457	0.0	0.0	0.0	13.0610
0.300	7.0031	0.0457	0.0	0.0	0.0	13.0271
0.400	7.0031	0.0457	0.0	0.0	0.0	12.9931
0.500	7.0031	0.0457	0.0	0.0	0.0	12.9592
0.600	7.0031	0.0457	0.0	0.0	0.0	12.9253
0.700	7.0031	0.0457	0.0	0.0	0.0	12.8914
0.800	7.0031	0.0457	0.0	0.0	0.0	12.8575
0.900	7.0031	0.0457	0.0	0.0	0.0	12.8236

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1.000	7.0031	0.0457	0.0	0.0	0.0	12.7897

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.4791	0.0037	0.0	0.0	0.0	-0.2435
0.100		-0.4791	0.0037	0.0	0.0	0.0	-0.2463
0.200		-0.4791	0.0037	0.0	0.0	0.0	-0.2490
0.300		-0.4791	0.0037	0.0	0.0	0.0	-0.2517
0.400		-0.4791	0.0037	0.0	0.0	0.0	-0.2544
0.500		-0.4791	0.0037	0.0	0.0	0.0	-0.2571
0.600		-0.4791	0.0037	0.0	0.0	0.0	-0.2598
0.700		-0.4791	0.0037	0.0	0.0	0.0	-0.2625
0.800		-0.4791	0.0037	0.0	0.0	0.0	-0.2652
0.900		-0.4791	0.0037	0.0	0.0	0.0	-0.2679
1.000		-0.4791	0.0037	0.0	0.0	0.0	-0.2707

MEMBER 5

LOADING 1 DEAD LOAD

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.1632	-1.9603	0.0	0.0	0.0	-5.2379
0.100		0.1664	-1.6828	0.0	0.0	0.0	-2.5346
0.200		0.1695	-1.4053	0.0	0.0	0.0	-0.2431
0.300		0.1777	-0.6938	0.0	0.0	0.0	1.0408
0.400		0.1801	-0.4875	0.0	0.0	0.0	1.9174
0.500		0.1824	-0.2812	0.0	0.0	0.0	2.4878
0.600		0.1848	-0.0750	0.0	0.0	0.0	2.7522
0.700		0.1871	0.1313	0.0	0.0	0.0	2.7103
0.800		0.1897	0.3518	0.0	0.0	0.0	2.3603
0.900		0.1928	0.6293	0.0	0.0	0.0	1.6322
1.000		0.1960	0.9069	0.0	0.0	0.0	0.4922

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0005	0.0203	0.0	0.0	0.0	0.2178
0.100		0.0005	0.0203	0.0	0.0	0.0	0.1877
0.200		0.0005	0.0203	0.0	0.0	0.0	0.1575
0.300		0.0005	0.0203	0.0	0.0	0.0	0.1273
0.400		0.0005	0.0203	0.0	0.0	0.0	0.0972
0.500		0.0005	0.0203	0.0	0.0	0.0	0.0670
0.600		0.0005	0.0203	0.0	0.0	0.0	0.0368
0.700		0.0005	0.0203	0.0	0.0	0.0	0.0067
0.800		0.0005	0.0203	0.0	0.0	0.0	-0.0235

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0.900	0.0005	0.0203	0.0	0.0	0.0	-0.0537
1.000	0.0005	0.0203	0.0	0.0	0.0	-0.0838

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0061	0.2034	0.0	0.0	0.0	2.1720
0.100	0.0061	0.2034	0.0	0.0	0.0	1.8701
0.200	0.0061	0.2034	0.0	0.0	0.0	1.5682
0.300	0.0061	0.2034	0.0	0.0	0.0	1.2663
0.400	0.0061	0.2034	0.0	0.0	0.0	0.9645
0.500	0.0061	0.2034	0.0	0.0	0.0	0.6626
0.600	0.0061	0.2034	0.0	0.0	0.0	0.3607
0.700	0.0061	0.2034	0.0	0.0	0.0	0.0589
0.800	0.0061	0.2034	0.0	0.0	0.0	-0.2430
0.900	0.0061	0.2034	0.0	0.0	0.0	-0.5449
1.000	0.0061	0.2034	0.0	0.0	0.0	-0.8468

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0065	0.2150	0.0	0.0	0.0	2.2958
0.100	0.0065	0.2150	0.0	0.0	0.0	1.9767
0.200	0.0065	0.2150	0.0	0.0	0.0	1.6576
0.300	0.0065	0.2150	0.0	0.0	0.0	1.3385
0.400	0.0065	0.2150	0.0	0.0	0.0	1.0194
0.500	0.0065	0.2150	0.0	0.0	0.0	0.7003
0.600	0.0065	0.2150	0.0	0.0	0.0	0.3812
0.700	0.0065	0.2150	0.0	0.0	0.0	0.0620
0.800	0.0065	0.2150	0.0	0.0	0.0	-0.2571
0.900	0.0065	0.2150	0.0	0.0	0.0	-0.5762
1.000	0.0065	0.2150	0.0	0.0	0.0	-0.8953

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0074	0.2413	0.0	0.0	0.0	2.5759
0.100	0.0074	0.2413	0.0	0.0	0.0	2.2178
0.200	0.0074	0.2413	0.0	0.0	0.0	1.8596
0.300	0.0074	0.2413	0.0	0.0	0.0	1.5015
0.400	0.0074	0.2413	0.0	0.0	0.0	1.1434
0.500	0.0074	0.2413	0.0	0.0	0.0	0.7853
0.600	0.0074	0.2413	0.0	0.0	0.0	0.4271
0.700	0.0074	0.2413	0.0	0.0	0.0	0.0690
0.800	0.0074	0.2413	0.0	0.0	0.0	-0.2891
0.900	0.0074	0.2413	0.0	0.0	0.0	-0.6472
1.000	0.0074	0.2413	0.0	0.0	0.0	-1.0054

LOADING 6 HS-20 #5 LT CANT & INT CELL

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0073	0.2395	0.0	0.0	0.0	2.5571
0.100		0.0073	0.2395	0.0	0.0	0.0	2.2016
0.200		0.0073	0.2395	0.0	0.0	0.0	1.8461
0.300		0.0073	0.2395	0.0	0.0	0.0	1.4906
0.400		0.0073	0.2395	0.0	0.0	0.0	1.1351
0.500		0.0073	0.2395	0.0	0.0	0.0	0.7796
0.600		0.0073	0.2395	0.0	0.0	0.0	0.4241
0.700		0.0073	0.2395	0.0	0.0	0.0	0.0686
0.800		0.0073	0.2395	0.0	0.0	0.0	-0.2868
0.900		0.0073	0.2395	0.0	0.0	0.0	-0.6423
1.000		0.0073	0.2395	0.0	0.0	0.0	-0.9978

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0163	-0.5035	0.0	0.0	0.0	-5.3731
0.100		-0.0163	-0.5035	0.0	0.0	0.0	-4.6258
0.200		-0.0163	-0.5035	0.0	0.0	0.0	-3.8786
0.300		-0.0163	-0.5035	0.0	0.0	0.0	-3.1313
0.400		-0.0163	-0.5035	0.0	0.0	0.0	-2.3841
0.500		-0.0163	-0.5035	0.0	0.0	0.0	-1.6368
0.600		-0.0163	-0.5035	0.0	0.0	0.0	-0.8895
0.700		-0.0163	-0.5035	0.0	0.0	0.0	-0.1423
0.800		-0.0163	-0.5035	0.0	0.0	0.0	0.6050
0.900		-0.0163	-0.5035	0.0	0.0	0.0	1.3522
1.000		-0.0163	-0.5035	0.0	0.0	0.0	2.0995

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0165	-0.5093	0.0	0.0	0.0	-5.4349
0.100		-0.0165	-0.5093	0.0	0.0	0.0	-4.6790
0.200		-0.0165	-0.5093	0.0	0.0	0.0	-3.9232
0.300		-0.0165	-0.5093	0.0	0.0	0.0	-3.1673
0.400		-0.0165	-0.5093	0.0	0.0	0.0	-2.4115
0.500		-0.0165	-0.5093	0.0	0.0	0.0	-1.6556
0.600		-0.0165	-0.5093	0.0	0.0	0.0	-0.8997
0.700		-0.0165	-0.5093	0.0	0.0	0.0	-0.1439
0.800		-0.0165	-0.5093	0.0	0.0	0.0	0.6120
0.900		-0.0165	-0.5093	0.0	0.0	0.0	1.3678
1.000		-0.0165	-0.5093	0.0	0.0	0.0	2.1237

LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0007	-0.0162	0.0	0.0	0.0	-0.1715
0.100		-0.0007	-0.0162	0.0	0.0	0.0	-0.1475
0.200		-0.0007	-0.0162	0.0	0.0	0.0	-0.1235

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0.300	-0.0007	-0.0162	0.0	0.0	0.0	-0.0995
0.400	-0.0007	-0.0162	0.0	0.0	0.0	-0.0755
0.500	-0.0007	-0.0162	0.0	0.0	0.0	-0.0515
0.600	-0.0007	-0.0162	0.0	0.0	0.0	-0.0275
0.700	-0.0007	-0.0162	0.0	0.0	0.0	-0.0035
0.800	-0.0007	-0.0162	0.0	0.0	0.0	0.0205
0.900	-0.0007	-0.0162	0.0	0.0	0.0	0.0445
1.000	-0.0007	-0.0162	0.0	0.0	0.0	0.0685

LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0023	0.0649	0.0	0.0	0.0	0.6901
0.100	0.0023	0.0649	0.0	0.0	0.0	0.5939
0.200	0.0023	0.0649	0.0	0.0	0.0	0.4976
0.300	0.0023	0.0649	0.0	0.0	0.0	0.4014
0.400	0.0023	0.0649	0.0	0.0	0.0	0.3051
0.500	0.0023	0.0649	0.0	0.0	0.0	0.2089
0.600	0.0023	0.0649	0.0	0.0	0.0	0.1126
0.700	0.0023	0.0649	0.0	0.0	0.0	0.0164
0.800	0.0023	0.0649	0.0	0.0	0.0	-0.0799
0.900	0.0023	0.0649	0.0	0.0	0.0	-0.1761
1.000	0.0023	0.0649	0.0	0.0	0.0	-0.2724

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0154	-0.4709	0.0	0.0	0.0	-5.0227
0.100	-0.0154	-0.4709	0.0	0.0	0.0	-4.3237
0.200	-0.0154	-0.4709	0.0	0.0	0.0	-3.6248
0.300	-0.0154	-0.4709	0.0	0.0	0.0	-2.9259
0.400	-0.0154	-0.4709	0.0	0.0	0.0	-2.2270
0.500	-0.0154	-0.4709	0.0	0.0	0.0	-1.5281
0.600	-0.0154	-0.4709	0.0	0.0	0.0	-0.8292
0.700	-0.0154	-0.4709	0.0	0.0	0.0	-0.1303
0.800	-0.0154	-0.4709	0.0	0.0	0.0	0.5686
0.900	-0.0154	-0.4709	0.0	0.0	0.0	1.2675
1.000	-0.0154	-0.4709	0.0	0.0	0.0	1.9664

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0166	-0.5132	0.0	0.0	0.0	-5.4766
0.100	-0.0166	-0.5132	0.0	0.0	0.0	-4.7149
0.200	-0.0166	-0.5132	0.0	0.0	0.0	-3.9532
0.300	-0.0166	-0.5132	0.0	0.0	0.0	-3.1915
0.400	-0.0166	-0.5132	0.0	0.0	0.0	-2.4299
0.500	-0.0166	-0.5132	0.0	0.0	0.0	-1.6682
0.600	-0.0166	-0.5132	0.0	0.0	0.0	-0.9065
0.700	-0.0166	-0.5132	0.0	0.0	0.0	-0.1448
0.800	-0.0166	-0.5132	0.0	0.0	0.0	0.6168

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0.900	-0.0166	-0.5132	0.0	0.0	0.0	1.3785
1.000	-0.0166	-0.5132	0.0	0.0	0.0	2.1402

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0187	-0.5866	0.0	0.0	0.0	-6.2765
0.100	-0.0187	-0.5866	0.0	0.0	0.0	-5.4060
0.200	-0.0187	-0.5866	0.0	0.0	0.0	-4.5354
0.300	-0.0187	-0.5866	0.0	0.0	0.0	-3.6648
0.400	-0.0187	-0.5866	0.0	0.0	0.0	-2.7942
0.500	-0.0187	-0.5866	0.0	0.0	0.0	-1.9237
0.600	-0.0187	-0.5866	0.0	0.0	0.0	-1.0531
0.700	-0.0187	-0.5866	0.0	0.0	0.0	-0.1825
0.800	-0.0187	-0.5866	0.0	0.0	0.0	0.6881
0.900	-0.0187	-0.5866	0.0	0.0	0.0	1.5586
1.000	-0.0187	-0.5866	0.0	0.0	0.0	2.4292

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0077	-0.2264	0.0	0.0	0.0	-2.4133
0.100	-0.0077	-0.2264	0.0	0.0	0.0	-2.0773
0.200	-0.0077	-0.2264	0.0	0.0	0.0	-1.7413
0.300	-0.0077	-0.2264	0.0	0.0	0.0	-1.4054
0.400	-0.0077	-0.2264	0.0	0.0	0.0	-1.0694
0.500	-0.0077	-0.2264	0.0	0.0	0.0	-0.7335
0.600	-0.0077	-0.2264	0.0	0.0	0.0	-0.3975
0.700	-0.0077	-0.2264	0.0	0.0	0.0	-0.0615
0.800	-0.0077	-0.2264	0.0	0.0	0.0	0.2744
0.900	-0.0077	-0.2264	0.0	0.0	0.0	0.6104
1.000	-0.0077	-0.2264	0.0	0.0	0.0	0.9463

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0089	-0.2687	0.0	0.0	0.0	-2.8672
0.100	-0.0089	-0.2687	0.0	0.0	0.0	-2.4684
0.200	-0.0089	-0.2687	0.0	0.0	0.0	-2.0697
0.300	-0.0089	-0.2687	0.0	0.0	0.0	-1.6710
0.400	-0.0089	-0.2687	0.0	0.0	0.0	-1.2723
0.500	-0.0089	-0.2687	0.0	0.0	0.0	-0.8735
0.600	-0.0089	-0.2687	0.0	0.0	0.0	-0.4748
0.700	-0.0089	-0.2687	0.0	0.0	0.0	-0.0761
0.800	-0.0089	-0.2687	0.0	0.0	0.0	0.3226
0.900	-0.0089	-0.2687	0.0	0.0	0.0	0.7214
1.000	-0.0089	-0.2687	0.0	0.0	0.0	1.1201

LOADING 16 HS-20 #15 LT. CANT. SLAB

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.3031	-0.5088	0.0	0.0	0.0	-2.1506
0.100		0.3031	-0.5088	0.0	0.0	0.0	-1.3955
0.200		0.3031	-0.5088	0.0	0.0	0.0	-0.6404
0.300		0.3031	-0.5088	0.0	0.0	0.0	0.1147
0.400		0.3031	-0.5088	0.0	0.0	0.0	0.8698
0.500		0.3031	-0.5088	0.0	0.0	0.0	1.6249
0.600		0.3031	-0.5088	0.0	0.0	0.0	2.3800
0.700		0.3031	-0.5088	0.0	0.0	0.0	3.1350
0.800		0.3031	-0.5088	0.0	0.0	0.0	3.8901
0.900		0.3031	-0.5088	0.0	0.0	0.0	4.6452
1.000		0.3031	-0.5088	0.0	0.0	0.0	5.4003

LOADING 17 HS-20 #16 RT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.2805	-0.3653	0.0	0.0	0.0	-1.5439
0.100		0.2805	-0.3653	0.0	0.0	0.0	-1.0017
0.200		0.2805	-0.3653	0.0	0.0	0.0	-0.4595
0.300		0.2805	-0.3653	0.0	0.0	0.0	0.0827
0.400		0.2805	-0.3653	0.0	0.0	0.0	0.6249
0.500		0.2805	-0.3653	0.0	0.0	0.0	1.1671
0.600		0.2805	-0.3653	0.0	0.0	0.0	1.7093
0.700		0.2805	-0.3653	0.0	0.0	0.0	2.2515
0.800		0.2805	-0.3653	0.0	0.0	0.0	2.7937
0.900		0.2805	-0.3653	0.0	0.0	0.0	3.3359
1.000		0.2805	-0.3653	0.0	0.0	0.0	3.8781

LOADING 18 R R TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.2920	-1.5752	0.0	0.0	0.0	-6.3764
0.100		0.2920	-1.5752	0.0	0.0	0.0	-4.0387
0.200		0.2920	-1.5752	0.0	0.0	0.0	-1.7010
0.300		0.2920	-1.5752	0.0	0.0	0.0	0.6367
0.400		0.2920	-1.5752	0.0	0.0	0.0	2.9745
0.500		0.2920	-1.5752	0.0	0.0	0.0	5.3122
0.600		0.3150	0.4347	0.0	0.0	0.0	7.2790
0.700		0.3150	0.4347	0.0	0.0	0.0	6.6339
0.800		0.3150	0.4347	0.0	0.0	0.0	5.9888
0.900		0.3150	0.4347	0.0	0.0	0.0	5.3437
1.000		0.3747	5.6443	0.0	0.0	0.0	-1.1412

LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.1488	-0.6426	0.0	0.0	0.0	-2.4347
0.100		-0.1488	-0.6426	0.0	0.0	0.0	-1.4810
0.200		-0.1488	-0.6426	0.0	0.0	0.0	-0.5272

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0.300	-0.1488	-0.6426	0.0	0.0	0.0	0.4265
0.400	-0.1488	-0.6426	0.0	0.0	0.0	1.3802
0.500	-0.1488	-0.6426	0.0	0.0	0.0	2.3340
0.600	-0.1258	1.3672	0.0	0.0	0.0	2.9167
0.700	-0.1258	1.3672	0.0	0.0	0.0	0.8876
0.800	-0.1258	1.3672	0.0	0.0	0.0	-1.1415
0.900	-0.1258	1.3672	0.0	0.0	0.0	-3.1705
1.000	-0.0661	6.5769	0.0	0.0	0.0	-11.0395

LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.1206	0.1297	0.0	0.0	0.0	0.5446
0.100	0.1206	0.1297	0.0	0.0	0.0	0.3521
0.200	0.1206	0.1297	0.0	0.0	0.0	0.1597
0.300	0.1206	0.1297	0.0	0.0	0.0	-0.0328
0.400	0.1206	0.1297	0.0	0.0	0.0	-0.2252
0.500	0.1206	0.1297	0.0	0.0	0.0	-0.4177
0.600	0.1206	0.1297	0.0	0.0	0.0	-0.6101
0.700	0.1206	0.1297	0.0	0.0	0.0	-0.8026
0.800	0.1206	0.1297	0.0	0.0	0.0	-0.9950
0.900	0.1206	0.1297	0.0	0.0	0.0	-1.1875
1.000	0.1206	0.1297	0.0	0.0	0.0	-1.3800

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.1741	-0.0639	0.0	0.0	0.0	-3.7023
0.100	-0.1741	-0.0639	0.0	0.0	0.0	-3.6075
0.200	-0.1741	-0.0639	0.0	0.0	0.0	-3.5127
0.300	-0.1741	-0.0639	0.0	0.0	0.0	-3.4179
0.400	-0.1741	-0.0639	0.0	0.0	0.0	-3.3230
0.500	-0.1741	-0.0639	0.0	0.0	0.0	-3.2282
0.600	-0.1741	-0.0639	0.0	0.0	0.0	-3.1334
0.700	-0.1741	-0.0639	0.0	0.0	0.0	-3.0386
0.800	-0.1741	-0.0639	0.0	0.0	0.0	-2.9438
0.900	-0.1741	-0.0639	0.0	0.0	0.0	-2.8490
1.000	-0.1741	-0.0639	0.0	0.0	0.0	-2.7542

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.1791	0.0769	0.0	0.0	0.0	-3.1107
0.100	-0.1791	0.0769	0.0	0.0	0.0	-3.2248
0.200	-0.1791	0.0769	0.0	0.0	0.0	-3.3390
0.300	-0.1791	0.0769	0.0	0.0	0.0	-3.4532
0.400	-0.1791	0.0769	0.0	0.0	0.0	-3.5673
0.500	-0.1791	0.0769	0.0	0.0	0.0	-3.6815
0.600	-0.1791	0.0769	0.0	0.0	0.0	-3.7957
0.700	-0.1791	0.0769	0.0	0.0	0.0	-3.9098
0.800	-0.1791	0.0769	0.0	0.0	0.0	-4.0240

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0.900	-0.1791	0.0769	0.0	0.0	0.0	-4.1381
1.000	-0.1791	0.0769	0.0	0.0	0.0	-4.2523

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.7173	-0.1280	0.0	0.0	0.0	-0.4054
0.100		-0.7173	-0.1280	0.0	0.0	0.0	-0.2154
0.200		-0.7173	-0.1280	0.0	0.0	0.0	-0.0255
0.300		-0.7173	-0.1280	0.0	0.0	0.0	0.1644
0.400		-0.7173	-0.1280	0.0	0.0	0.0	0.3544
0.500		-0.7173	-0.1280	0.0	0.0	0.0	0.5443
0.600		-0.7173	-0.1280	0.0	0.0	0.0	0.7342
0.700		-0.7173	-0.1280	0.0	0.0	0.0	0.9242
0.800		-0.7173	-0.1280	0.0	0.0	0.0	1.1141
0.900		-0.7173	-0.1280	0.0	0.0	0.0	1.3041
1.000		-0.7173	-0.1280	0.0	0.0	0.0	1.4940

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.7656	-0.0716	0.0	0.0	0.0	0.2803
0.100		-0.7656	-0.0716	0.0	0.0	0.0	0.3865
0.200		-0.7656	-0.0716	0.0	0.0	0.0	0.4927
0.300		-0.7656	-0.0716	0.0	0.0	0.0	0.5989
0.400		-0.7656	-0.0716	0.0	0.0	0.0	0.7051
0.500		-0.7656	-0.0716	0.0	0.0	0.0	0.8113
0.600		-0.7656	-0.0716	0.0	0.0	0.0	0.9175
0.700		-0.7656	-0.0716	0.0	0.0	0.0	1.0237
0.800		-0.7656	-0.0716	0.0	0.0	0.0	1.1299
0.900		-0.7656	-0.0716	0.0	0.0	0.0	1.2361
1.000		-0.7656	-0.0716	0.0	0.0	0.0	1.3423

LOADING 25 WAVE FORCE

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0483	0.0564	0.0	0.0	0.0	0.6857
0.100		-0.0483	0.0564	0.0	0.0	0.0	0.6019
0.200		-0.0483	0.0564	0.0	0.0	0.0	0.5182
0.300		-0.0483	0.0564	0.0	0.0	0.0	0.4345
0.400		-0.0483	0.0564	0.0	0.0	0.0	0.3507
0.500		-0.0483	0.0564	0.0	0.0	0.0	0.2670
0.600		-0.0483	0.0564	0.0	0.0	0.0	0.1833
0.700		-0.0483	0.0564	0.0	0.0	0.0	0.0995
0.800		-0.0483	0.0564	0.0	0.0	0.0	0.0158
0.900		-0.0483	0.0564	0.0	0.0	0.0	-0.0679
1.000		-0.0483	0.0564	0.0	0.0	0.0	-0.1516

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0026	-0.0838	0.0	0.0	0.0	-0.9039
0.100		0.0026	-0.0838	0.0	0.0	0.0	-0.7796
0.200		0.0026	-0.0838	0.0	0.0	0.0	-0.6553
0.300		0.0026	-0.0838	0.0	0.0	0.0	-0.5310
0.400		0.0026	-0.0838	0.0	0.0	0.0	-0.4067
0.500		0.0026	-0.0838	0.0	0.0	0.0	-0.2823
0.600		0.0026	-0.0838	0.0	0.0	0.0	-0.1580
0.700		0.0026	-0.0838	0.0	0.0	0.0	-0.0337
0.800		0.0026	-0.0838	0.0	0.0	0.0	0.0906
0.900		0.0026	-0.0838	0.0	0.0	0.0	0.2149
1.000		0.0026	-0.0838	0.0	0.0	0.0	0.3392

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0063	-0.4354	0.0	0.0	0.0	-4.7184
0.100		0.0063	-0.4354	0.0	0.0	0.0	-4.0721
0.200		0.0063	-0.4354	0.0	0.0	0.0	-3.4259
0.300		0.0063	-0.4354	0.0	0.0	0.0	-2.7796
0.400		0.0063	-0.4354	0.0	0.0	0.0	-2.1334
0.500		0.0063	-0.4354	0.0	0.0	0.0	-1.4871
0.600		0.0063	-0.4354	0.0	0.0	0.0	-0.8409
0.700		0.0063	-0.4354	0.0	0.0	0.0	-0.1946
0.800		0.0063	-0.4354	0.0	0.0	0.0	0.4516
0.900		0.0063	-0.4354	0.0	0.0	0.0	1.0979
1.000		0.0063	-0.4354	0.0	0.0	0.0	1.7441

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0092	0.2149	0.0	0.0	0.0	2.3003
0.100		0.0092	0.2149	0.0	0.0	0.0	1.9814
0.200		0.0092	0.2149	0.0	0.0	0.0	1.6625
0.300		0.0092	0.2149	0.0	0.0	0.0	1.3436
0.400		0.0092	0.2149	0.0	0.0	0.0	1.0248
0.500		0.0092	0.2149	0.0	0.0	0.0	0.7059
0.600		0.0092	0.2149	0.0	0.0	0.0	0.3870
0.700		0.0092	0.2149	0.0	0.0	0.0	0.0681
0.800		0.0092	0.2149	0.0	0.0	0.0	-0.2507
0.900		0.0092	0.2149	0.0	0.0	0.0	-0.5696
1.000		0.0092	0.2149	0.0	0.0	0.0	-0.8885

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0219	1.0022	0.0	0.0	0.0	10.8040
0.100		0.0219	1.0022	0.0	0.0	0.0	9.3167
0.200		0.0219	1.0022	0.0	0.0	0.0	7.8293

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0.300	0.0219	1.0022	0.0	0.0	0.0	6.3419
0.400	0.0219	1.0022	0.0	0.0	0.0	4.8546
0.500	0.0219	1.0022	0.0	0.0	0.0	3.3672
0.600	0.0219	1.0022	0.0	0.0	0.0	1.8798
0.700	0.0219	1.0022	0.0	0.0	0.0	0.3925
0.800	0.0219	1.0022	0.0	0.0	0.0	-1.0949
0.900	0.0219	1.0022	0.0	0.0	0.0	-2.5823
1.000	0.0219	1.0022	0.0	0.0	0.0	-4.0697

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0109	-0.5846	0.0	0.0	0.0	-6.2307
0.100	-0.0109	-0.5846	0.0	0.0	0.0	-5.3631
0.200	-0.0109	-0.5846	0.0	0.0	0.0	-4.4955
0.300	-0.0109	-0.5846	0.0	0.0	0.0	-3.6279
0.400	-0.0109	-0.5846	0.0	0.0	0.0	-2.7603
0.500	-0.0109	-0.5846	0.0	0.0	0.0	-1.8927
0.600	-0.0109	-0.5846	0.0	0.0	0.0	-1.0251
0.700	-0.0109	-0.5846	0.0	0.0	0.0	-0.1575
0.800	-0.0109	-0.5846	0.0	0.0	0.0	0.7101
0.900	-0.0109	-0.5846	0.0	0.0	0.0	1.5777
1.000	-0.0109	-0.5846	0.0	0.0	0.0	2.4453

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0276	-2.6540	0.0	0.0	0.0	-28.4788
0.100	-0.0276	-2.6540	0.0	0.0	0.0	-24.5401
0.200	-0.0276	-2.6540	0.0	0.0	0.0	-20.6013
0.300	-0.0276	-2.6540	0.0	0.0	0.0	-16.6626
0.400	-0.0276	-2.6540	0.0	0.0	0.0	-12.7239
0.500	-0.0276	-2.6540	0.0	0.0	0.0	-8.7852
0.600	-0.0276	-2.6540	0.0	0.0	0.0	-4.8465
0.700	-0.0276	-2.6540	0.0	0.0	0.0	-0.9078
0.800	-0.0276	-2.6540	0.0	0.0	0.0	3.0310
0.900	-0.0276	-2.6540	0.0	0.0	0.0	6.9697
1.000	-0.0276	-2.6540	0.0	0.0	0.0	10.9084

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.4792	-0.0598	0.0	0.0	0.0	-0.1378
0.100	-0.4792	-0.0598	0.0	0.0	0.0	-0.0491
0.200	-0.4792	-0.0598	0.0	0.0	0.0	0.0397
0.300	-0.4792	-0.0598	0.0	0.0	0.0	0.1284
0.400	-0.4792	-0.0598	0.0	0.0	0.0	0.2172
0.500	-0.4792	-0.0598	0.0	0.0	0.0	0.3059
0.600	-0.4792	-0.0598	0.0	0.0	0.0	0.3947
0.700	-0.4792	-0.0598	0.0	0.0	0.0	0.4834
0.800	-0.4792	-0.0598	0.0	0.0	0.0	0.5722

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0.900	-0.4792	-0.0598	0.0	0.0	0.0	0.6609
1.000	-0.4792	-0.0598	0.0	0.0	0.0	0.7497

MEMBER 6

LOADING 1 DEAD LOAD

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.2208	0.1665	0.0	0.0	0.0	1.1356
0.100	0.2342	0.4439	0.0	0.0	0.0	0.6824
0.200	0.2477	0.7212	0.0	0.0	0.0	-0.1824
0.300	0.2584	0.9416	0.0	0.0	0.0	-1.4253
0.400	0.2684	1.1477	0.0	0.0	0.0	-2.9763
0.500	0.2784	1.3538	0.0	0.0	0.0	-4.8333
0.600	0.2923	1.6386	0.0	0.0	0.0	-7.0548
0.700	0.3061	1.9233	0.0	0.0	0.0	-9.6990
0.800	0.3199	2.2080	0.0	0.0	0.0	-12.7660
0.900	0.3337	2.4928	0.0	0.0	0.0	-16.2558
1.000	0.3475	2.7775	0.0	0.0	0.0	-20.1683

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0003	-0.0061	0.0	0.0	0.0	-0.0742
0.100	0.0003	-0.0061	0.0	0.0	0.0	-0.0651
0.200	0.0003	-0.0061	0.0	0.0	0.0	-0.0560
0.300	0.0003	-0.0061	0.0	0.0	0.0	-0.0469
0.400	0.0003	-0.0061	0.0	0.0	0.0	-0.0378
0.500	0.0003	-0.0061	0.0	0.0	0.0	-0.0287
0.600	0.0003	-0.0061	0.0	0.0	0.0	-0.0196
0.700	0.0003	-0.0061	0.0	0.0	0.0	-0.0105
0.800	0.0003	-0.0061	0.0	0.0	0.0	-0.0014
0.900	0.0003	-0.0061	0.0	0.0	0.0	0.0077
1.000	0.0003	-0.0061	0.0	0.0	0.0	0.0168

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0055	-0.0628	0.0	0.0	0.0	-0.7405
0.100	0.0055	-0.0628	0.0	0.0	0.0	-0.6473
0.200	0.0055	-0.0628	0.0	0.0	0.0	-0.5541
0.300	0.0055	-0.0628	0.0	0.0	0.0	-0.4609
0.400	0.0055	-0.0628	0.0	0.0	0.0	-0.3677
0.500	0.0055	-0.0628	0.0	0.0	0.0	-0.2745
0.600	0.0055	-0.0628	0.0	0.0	0.0	-0.1813
0.700	0.0055	-0.0628	0.0	0.0	0.0	-0.0881

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0.800	0.0055	-0.0628	0.0	0.0	0.0	0.0051
0.900	0.0055	-0.0628	0.0	0.0	0.0	0.0983
1.000	0.0055	-0.0628	0.0	0.0	0.0	0.1915

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0058	-0.0664	0.0	0.0	0.0	-0.7828
0.100	0.0058	-0.0664	0.0	0.0	0.0	-0.6842
0.200	0.0058	-0.0664	0.0	0.0	0.0	-0.5856
0.300	0.0058	-0.0664	0.0	0.0	0.0	-0.4871
0.400	0.0058	-0.0664	0.0	0.0	0.0	-0.3885
0.500	0.0058	-0.0664	0.0	0.0	0.0	-0.2899
0.600	0.0058	-0.0664	0.0	0.0	0.0	-0.1914
0.700	0.0058	-0.0664	0.0	0.0	0.0	-0.0928
0.800	0.0058	-0.0664	0.0	0.0	0.0	0.0058
0.900	0.0058	-0.0664	0.0	0.0	0.0	0.1043
1.000	0.0058	-0.0664	0.0	0.0	0.0	0.2029

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0068	-0.0746	0.0	0.0	0.0	-0.8783
0.100	0.0068	-0.0746	0.0	0.0	0.0	-0.7674
0.200	0.0068	-0.0746	0.0	0.0	0.0	-0.6566
0.300	0.0068	-0.0746	0.0	0.0	0.0	-0.5458
0.400	0.0068	-0.0746	0.0	0.0	0.0	-0.4350
0.500	0.0068	-0.0746	0.0	0.0	0.0	-0.3242
0.600	0.0068	-0.0746	0.0	0.0	0.0	-0.2134
0.700	0.0068	-0.0746	0.0	0.0	0.0	-0.1026
0.800	0.0068	-0.0746	0.0	0.0	0.0	0.0082
0.900	0.0068	-0.0746	0.0	0.0	0.0	0.1190
1.000	0.0068	-0.0746	0.0	0.0	0.0	0.2298

LOADING 6 HS-20 #5 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0067	-0.0741	0.0	0.0	0.0	-0.8717
0.100	0.0067	-0.0741	0.0	0.0	0.0	-0.7617
0.200	0.0067	-0.0741	0.0	0.0	0.0	-0.6517
0.300	0.0067	-0.0741	0.0	0.0	0.0	-0.5418
0.400	0.0067	-0.0741	0.0	0.0	0.0	-0.4318
0.500	0.0067	-0.0741	0.0	0.0	0.0	-0.3218
0.600	0.0067	-0.0741	0.0	0.0	0.0	-0.2119
0.700	0.0067	-0.0741	0.0	0.0	0.0	-0.1019
0.800	0.0067	-0.0741	0.0	0.0	0.0	0.0081
0.900	0.0067	-0.0741	0.0	0.0	0.0	0.1181
1.000	0.0067	-0.0741	0.0	0.0	0.0	0.2280

LOADING 7 HS-20 #6 EXT CELL & INT CELL

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DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0163	0.1563	0.0	0.0	0.0	1.8232
0.100	-0.0163	0.1563	0.0	0.0	0.0	1.5911
0.200	-0.0163	0.1563	0.0	0.0	0.0	1.3591
0.300	-0.0163	0.1563	0.0	0.0	0.0	1.1271
0.400	-0.0163	0.1563	0.0	0.0	0.0	0.8950
0.500	-0.0163	0.1563	0.0	0.0	0.0	0.6630
0.600	-0.0163	0.1563	0.0	0.0	0.0	0.4310
0.700	-0.0163	0.1563	0.0	0.0	0.0	0.1989
0.800	-0.0163	0.1563	0.0	0.0	0.0	-0.0331
0.900	-0.0163	0.1563	0.0	0.0	0.0	-0.2651
1.000	-0.0163	0.1563	0.0	0.0	0.0	-0.4971

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0165	0.1581	0.0	0.0	0.0	1.8442
0.100	-0.0165	0.1581	0.0	0.0	0.0	1.6095
0.200	-0.0165	0.1581	0.0	0.0	0.0	1.3748
0.300	-0.0165	0.1581	0.0	0.0	0.0	1.1401
0.400	-0.0165	0.1581	0.0	0.0	0.0	0.9054
0.500	-0.0165	0.1581	0.0	0.0	0.0	0.6707
0.600	-0.0165	0.1581	0.0	0.0	0.0	0.4360
0.700	-0.0165	0.1581	0.0	0.0	0.0	0.2013
0.800	-0.0165	0.1581	0.0	0.0	0.0	-0.0334
0.900	-0.0165	0.1581	0.0	0.0	0.0	-0.2681
1.000	-0.0165	0.1581	0.0	0.0	0.0	-0.5028

LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0008	0.0052	0.0	0.0	0.0	0.0585
0.100	-0.0008	0.0052	0.0	0.0	0.0	0.0508
0.200	-0.0008	0.0052	0.0	0.0	0.0	0.0431
0.300	-0.0008	0.0052	0.0	0.0	0.0	0.0354
0.400	-0.0008	0.0052	0.0	0.0	0.0	0.0277
0.500	-0.0008	0.0052	0.0	0.0	0.0	0.0200
0.600	-0.0008	0.0052	0.0	0.0	0.0	0.0123
0.700	-0.0008	0.0052	0.0	0.0	0.0	0.0046
0.800	-0.0008	0.0052	0.0	0.0	0.0	-0.0031
0.900	-0.0008	0.0052	0.0	0.0	0.0	-0.0108
1.000	-0.0008	0.0052	0.0	0.0	0.0	-0.0186

LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0025	-0.0205	0.0	0.0	0.0	-0.2355
0.100	0.0025	-0.0205	0.0	0.0	0.0	-0.2051

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0.200	0.0025	-0.0205	0.0	0.0	0.0	-0.1748
0.300	0.0025	-0.0205	0.0	0.0	0.0	-0.1444
0.400	0.0025	-0.0205	0.0	0.0	0.0	-0.1140
0.500	0.0025	-0.0205	0.0	0.0	0.0	-0.0837
0.600	0.0025	-0.0205	0.0	0.0	0.0	-0.0533
0.700	0.0025	-0.0205	0.0	0.0	0.0	-0.0229
0.800	0.0025	-0.0205	0.0	0.0	0.0	0.0074
0.900	0.0025	-0.0205	0.0	0.0	0.0	0.0378
1.000	0.0025	-0.0205	0.0	0.0	0.0	0.0682

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0153	0.1465	0.0	0.0	0.0	1.7087
0.100		-0.0153	0.1465	0.0	0.0	0.0	1.4911
0.200		-0.0153	0.1465	0.0	0.0	0.0	1.2736
0.300		-0.0153	0.1465	0.0	0.0	0.0	1.0560
0.400		-0.0153	0.1465	0.0	0.0	0.0	0.8385
0.500		-0.0153	0.1465	0.0	0.0	0.0	0.6210
0.600		-0.0153	0.1465	0.0	0.0	0.0	0.4034
0.700		-0.0153	0.1465	0.0	0.0	0.0	0.1859
0.800		-0.0153	0.1465	0.0	0.0	0.0	-0.0316
0.900		-0.0153	0.1465	0.0	0.0	0.0	-0.2492
1.000		-0.0153	0.1465	0.0	0.0	0.0	-0.4667

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0166	0.1593	0.0	0.0	0.0	1.8584
0.100		-0.0166	0.1593	0.0	0.0	0.0	1.6219
0.200		-0.0166	0.1593	0.0	0.0	0.0	1.3853
0.300		-0.0166	0.1593	0.0	0.0	0.0	1.1488
0.400		-0.0166	0.1593	0.0	0.0	0.0	0.9123
0.500		-0.0166	0.1593	0.0	0.0	0.0	0.6757
0.600		-0.0166	0.1593	0.0	0.0	0.0	0.4392
0.700		-0.0166	0.1593	0.0	0.0	0.0	0.2026
0.800		-0.0166	0.1593	0.0	0.0	0.0	-0.0339
0.900		-0.0166	0.1593	0.0	0.0	0.0	-0.2705
1.000		-0.0166	0.1593	0.0	0.0	0.0	-0.5070

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0188	0.1806	0.0	0.0	0.0	2.1072
0.100		-0.0188	0.1806	0.0	0.0	0.0	1.8391
0.200		-0.0188	0.1806	0.0	0.0	0.0	1.5710
0.300		-0.0188	0.1806	0.0	0.0	0.0	1.3029
0.400		-0.0188	0.1806	0.0	0.0	0.0	1.0348
0.500		-0.0188	0.1806	0.0	0.0	0.0	0.7668
0.600		-0.0188	0.1806	0.0	0.0	0.0	0.4987
0.700		-0.0188	0.1806	0.0	0.0	0.0	0.2306

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0.800	-0.0188	0.1806	0.0	0.0	0.0	-0.0375
0.900	-0.0188	0.1806	0.0	0.0	0.0	-0.3055
1.000	-0.0188	0.1806	0.0	0.0	0.0	-0.5736

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0080	0.0707	0.0	0.0	0.0	0.8191
0.100	-0.0080	0.0707	0.0	0.0	0.0	0.7142
0.200	-0.0080	0.0707	0.0	0.0	0.0	0.6093
0.300	-0.0080	0.0707	0.0	0.0	0.0	0.5044
0.400	-0.0080	0.0707	0.0	0.0	0.0	0.3994
0.500	-0.0080	0.0707	0.0	0.0	0.0	0.2945
0.600	-0.0080	0.0707	0.0	0.0	0.0	0.1896
0.700	-0.0080	0.0707	0.0	0.0	0.0	0.0847
0.800	-0.0080	0.0707	0.0	0.0	0.0	-0.0202
0.900	-0.0080	0.0707	0.0	0.0	0.0	-0.1251
1.000	-0.0080	0.0707	0.0	0.0	0.0	-0.2301

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0094	0.0835	0.0	0.0	0.0	0.9689
0.100	-0.0094	0.0835	0.0	0.0	0.0	0.8450
0.200	-0.0094	0.0835	0.0	0.0	0.0	0.7210
0.300	-0.0094	0.0835	0.0	0.0	0.0	0.5971
0.400	-0.0094	0.0835	0.0	0.0	0.0	0.4732
0.500	-0.0094	0.0835	0.0	0.0	0.0	0.3493
0.600	-0.0094	0.0835	0.0	0.0	0.0	0.2253
0.700	-0.0094	0.0835	0.0	0.0	0.0	0.1014
0.800	-0.0094	0.0835	0.0	0.0	0.0	-0.0225
0.900	-0.0094	0.0835	0.0	0.0	0.0	-0.1464
1.000	-0.0094	0.0835	0.0	0.0	0.0	-0.2704

LOADING 16 HS-20 #15 LT. CANT. SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.4297	1.7506	0.0	0.0	0.0	6.1650
0.100	0.4297	1.7506	0.0	0.0	0.0	3.5659
0.200	0.4297	1.7506	0.0	0.0	0.0	0.9667
0.300	0.4297	1.7506	0.0	0.0	0.0	-1.6325
0.400	0.4297	1.7506	0.0	0.0	0.0	-4.2316
0.500	0.4297	1.7506	0.0	0.0	0.0	-6.8308
0.600	0.4297	1.7506	0.0	0.0	0.0	-9.4300
0.700	0.4297	1.7506	0.0	0.0	0.0	-12.0291
0.800	0.4297	1.7506	0.0	0.0	0.0	-14.6283
0.900	0.4297	1.7506	0.0	0.0	0.0	-17.2275
1.000	0.4297	1.7506	0.0	0.0	0.0	-19.8266

LOADING 17 HS-20 #16 RT CANT & EXT CELL

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.3688	1.2343	0.0	0.0	0.0	4.4131
0.100		0.3688	1.2343	0.0	0.0	0.0	2.5805
0.200		0.3688	1.2343	0.0	0.0	0.0	0.7480
0.300		0.3688	1.2343	0.0	0.0	0.0	-1.0846
0.400		0.3688	1.2343	0.0	0.0	0.0	-2.9172
0.500		0.3688	1.2343	0.0	0.0	0.0	-4.7497
0.600		0.3688	1.2343	0.0	0.0	0.0	-6.5823
0.700		0.4745	3.4117	0.0	0.0	0.0	-10.5993
0.800		0.4745	3.4117	0.0	0.0	0.0	-15.6648
0.900		0.4745	3.4117	0.0	0.0	0.0	-20.7303
1.000		0.4745	3.4117	0.0	0.0	0.0	-25.7958

LOADING 18 R R TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.4460	1.1814	0.0	0.0	0.0	0.4580
0.100		0.4460	1.1814	0.0	0.0	0.0	-1.2960
0.200		0.4460	1.1814	0.0	0.0	0.0	-3.0500
0.300		0.4460	1.1814	0.0	0.0	0.0	-4.8041
0.400		0.4460	1.1814	0.0	0.0	0.0	-6.5581
0.500		0.4460	1.1814	0.0	0.0	0.0	-8.3121
0.600		0.4460	1.1814	0.0	0.0	0.0	-10.0661
0.700		0.4460	1.1814	0.0	0.0	0.0	-11.8201
0.800		0.4460	1.1814	0.0	0.0	0.0	-13.5742
0.900		0.4460	1.1814	0.0	0.0	0.0	-15.3282
1.000		0.4460	1.1814	0.0	0.0	0.0	-17.0822

LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.2337	-2.1145	0.0	0.0	0.0	-10.8683
0.100		-0.2337	-2.1145	0.0	0.0	0.0	-7.7289
0.200		-0.2337	-2.1145	0.0	0.0	0.0	-4.5894
0.300		-0.2337	-2.1145	0.0	0.0	0.0	-1.4500
0.400		-0.2337	-2.1145	0.0	0.0	0.0	1.6895
0.500		-0.2337	-2.1145	0.0	0.0	0.0	4.8290
0.600		-0.1256	0.1129	0.0	0.0	0.0	5.6999
0.700		-0.1256	0.1129	0.0	0.0	0.0	5.5322
0.800		-0.1256	0.1129	0.0	0.0	0.0	5.3646
0.900		0.0626	3.9883	0.0	0.0	0.0	3.3649
1.000		0.0626	3.9883	0.0	0.0	0.0	-2.5567

LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0660	-0.8072	0.0	0.0	0.0	-1.6232
0.100		0.0660	-0.8072	0.0	0.0	0.0	-0.4247

0.200	0.0660	-0.8072	0.0	0.0	0.0	0.7737
0.300	0.0660	-0.8072	0.0	0.0	0.0	1.9722
0.400	0.1907	1.7598	0.0	0.0	0.0	3.0448
0.500	0.1907	1.7598	0.0	0.0	0.0	0.4320
0.600	0.1907	1.7598	0.0	0.0	0.0	-2.1809
0.700	0.1907	1.7598	0.0	0.0	0.0	-4.7937
0.800	0.3143	4.3068	0.0	0.0	0.0	-9.9230
0.900	0.3143	4.3068	0.0	0.0	0.0	-16.3175
1.000	0.3143	4.3068	0.0	0.0	0.0	-22.7120

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.2960	-1.5106	0.0	0.0	0.0	-3.7595
0.100		-0.2960	-1.5106	0.0	0.0	0.0	-1.5166
0.200		-0.2960	-1.5106	0.0	0.0	0.0	0.7263
0.300		-0.2960	-1.5106	0.0	0.0	0.0	2.9692
0.400		-0.2960	-1.5106	0.0	0.0	0.0	5.2121
0.500		-0.2960	-1.5106	0.0	0.0	0.0	7.4551
0.600		-0.1878	0.7167	0.0	0.0	0.0	7.4294
0.700		-0.1878	0.7167	0.0	0.0	0.0	6.3653
0.800		-0.1878	0.7167	0.0	0.0	0.0	5.3011
0.900		0.0003	4.5922	0.0	0.0	0.0	2.4049
1.000		0.0003	4.5922	0.0	0.0	0.0	-4.4133

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.3516	-2.2749	0.0	0.0	0.0	-5.4904
0.100		-0.3516	-2.2749	0.0	0.0	0.0	-2.1127
0.200		-0.3516	-2.2749	0.0	0.0	0.0	1.2651
0.300		-0.3516	-2.2749	0.0	0.0	0.0	4.6428
0.400		-0.2270	0.2920	0.0	0.0	0.0	7.8947
0.500		-0.2270	0.2920	0.0	0.0	0.0	7.4611
0.600		-0.2270	0.2920	0.0	0.0	0.0	7.0275
0.700		-0.2270	0.2920	0.0	0.0	0.0	6.5939
0.800		-0.1033	2.8390	0.0	0.0	0.0	3.6439
0.900		-0.1033	2.8390	0.0	0.0	0.0	-0.5713
1.000		-0.1033	2.8390	0.0	0.0	0.0	-4.7866

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.6838	0.5026	0.0	0.0	0.0	1.7243
0.100		-0.6838	0.5026	0.0	0.0	0.0	0.9781
0.200		-0.6838	0.5026	0.0	0.0	0.0	0.2319
0.300		-0.6838	0.5026	0.0	0.0	0.0	-0.5143
0.400		-0.6838	0.5026	0.0	0.0	0.0	-1.2605
0.500		-0.6838	0.5026	0.0	0.0	0.0	-2.0068
0.600		-0.6838	0.5026	0.0	0.0	0.0	-2.7530
0.700		-0.6838	0.5026	0.0	0.0	0.0	-3.4992

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0.800	-0.6838	0.5026	0.0	0.0	0.0	-4.2454
0.900	-0.6838	0.5026	0.0	0.0	0.0	-4.9916
1.000	-0.6838	0.5026	0.0	0.0	0.0	-5.7378

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.7338	0.5178	0.0	0.0	0.0	1.5885
0.100	-0.7338	0.5178	0.0	0.0	0.0	0.8197
0.200	-0.7338	0.5178	0.0	0.0	0.0	0.0510
0.300	-0.7338	0.5178	0.0	0.0	0.0	-0.7178
0.400	-0.7338	0.5178	0.0	0.0	0.0	-1.4865
0.500	-0.7338	0.5178	0.0	0.0	0.0	-2.2552
0.600	-0.7338	0.5178	0.0	0.0	0.0	-3.0240
0.700	-0.7338	0.5178	0.0	0.0	0.0	-3.7927
0.800	-0.7338	0.5178	0.0	0.0	0.0	-4.5615
0.900	-0.7338	0.5178	0.0	0.0	0.0	-5.3302
1.000	-0.7338	0.5178	0.0	0.0	0.0	-6.0989

LOADING 25 WAVE FORCE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0500	0.0152	0.0	0.0	0.0	-0.1358
0.100	-0.0500	0.0152	0.0	0.0	0.0	-0.1584
0.200	-0.0500	0.0152	0.0	0.0	0.0	-0.1809
0.300	-0.0500	0.0152	0.0	0.0	0.0	-0.2034
0.400	-0.0500	0.0152	0.0	0.0	0.0	-0.2260
0.500	-0.0500	0.0152	0.0	0.0	0.0	-0.2485
0.600	-0.0500	0.0152	0.0	0.0	0.0	-0.2710
0.700	-0.0500	0.0152	0.0	0.0	0.0	-0.2935
0.800	-0.0500	0.0152	0.0	0.0	0.0	-0.3161
0.900	-0.0500	0.0152	0.0	0.0	0.0	-0.3386
1.000	-0.0500	0.0152	0.0	0.0	0.0	-0.3611

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0026	0.0206	0.0	0.0	0.0	0.2890
0.100	0.0026	0.0206	0.0	0.0	0.0	0.2584
0.200	0.0026	0.0206	0.0	0.0	0.0	0.2279
0.300	0.0026	0.0206	0.0	0.0	0.0	0.1974
0.400	0.0026	0.0206	0.0	0.0	0.0	0.1669
0.500	0.0026	0.0206	0.0	0.0	0.0	0.1364
0.600	0.0026	0.0206	0.0	0.0	0.0	0.1059
0.700	0.0026	0.0206	0.0	0.0	0.0	0.0754
0.800	0.0026	0.0206	0.0	0.0	0.0	0.0449
0.900	0.0026	0.0206	0.0	0.0	0.0	0.0143
1.000	0.0026	0.0206	0.0	0.0	0.0	-0.0162

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

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DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0140	0.1138	0.0	0.0	0.0	1.5617
0.100	0.0140	0.1138	0.0	0.0	0.0	1.3927
0.200	0.0140	0.1138	0.0	0.0	0.0	1.2237
0.300	0.0140	0.1138	0.0	0.0	0.0	1.0547
0.400	0.0140	0.1138	0.0	0.0	0.0	0.8857
0.500	0.0140	0.1138	0.0	0.0	0.0	0.7167
0.600	0.0140	0.1138	0.0	0.0	0.0	0.5477
0.700	0.0140	0.1138	0.0	0.0	0.0	0.3787
0.800	0.0140	0.1138	0.0	0.0	0.0	0.2096
0.900	0.0140	0.1138	0.0	0.0	0.0	0.0406
1.000	0.0140	0.1138	0.0	0.0	0.0	-0.1284

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0059	-0.0691	0.0	0.0	0.0	-0.8038
0.100	0.0059	-0.0691	0.0	0.0	0.0	-0.7013
0.200	0.0059	-0.0691	0.0	0.0	0.0	-0.5988
0.300	0.0059	-0.0691	0.0	0.0	0.0	-0.4963
0.400	0.0059	-0.0691	0.0	0.0	0.0	-0.3937
0.500	0.0059	-0.0691	0.0	0.0	0.0	-0.2912
0.600	0.0059	-0.0691	0.0	0.0	0.0	-0.1887
0.700	0.0059	-0.0691	0.0	0.0	0.0	-0.0862
0.800	0.0059	-0.0691	0.0	0.0	0.0	0.0164
0.900	0.0059	-0.0691	0.0	0.0	0.0	0.1189
1.000	0.0059	-0.0691	0.0	0.0	0.0	0.2214

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0005	-0.2997	0.0	0.0	0.0	-3.7236
0.100	-0.0005	-0.2997	0.0	0.0	0.0	-3.2786
0.200	-0.0005	-0.2997	0.0	0.0	0.0	-2.8335
0.300	-0.0005	-0.2997	0.0	0.0	0.0	-2.3885
0.400	-0.0005	-0.2997	0.0	0.0	0.0	-1.9435
0.500	-0.0005	-0.2997	0.0	0.0	0.0	-1.4985
0.600	-0.0005	-0.2997	0.0	0.0	0.0	-1.0535
0.700	-0.0005	-0.2997	0.0	0.0	0.0	-0.6085
0.800	-0.0005	-0.2997	0.0	0.0	0.0	-0.1635
0.900	-0.0005	-0.2997	0.0	0.0	0.0	0.2816
1.000	-0.0005	-0.2997	0.0	0.0	0.0	0.7266

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0090	0.1754	0.0	0.0	0.0	2.1330
0.100	-0.0090	0.1754	0.0	0.0	0.0	1.8726

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0.200	-0.0090	0.1754	0.0	0.0	0.0	1.6122
0.300	-0.0090	0.1754	0.0	0.0	0.0	1.3519
0.400	-0.0090	0.1754	0.0	0.0	0.0	1.0915
0.500	-0.0090	0.1754	0.0	0.0	0.0	0.8311
0.600	-0.0090	0.1754	0.0	0.0	0.0	0.5707
0.700	-0.0090	0.1754	0.0	0.0	0.0	0.3103
0.800	-0.0090	0.1754	0.0	0.0	0.0	0.0500
0.900	-0.0090	0.1754	0.0	0.0	0.0	-0.2104
1.000	-0.0090	0.1754	0.0	0.0	0.0	-0.4708

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0140	0.7711	0.0	0.0	0.0	9.7851
0.100		0.0140	0.7711	0.0	0.0	0.0	8.6401
0.200		0.0140	0.7711	0.0	0.0	0.0	7.4952
0.300		0.0140	0.7711	0.0	0.0	0.0	6.3502
0.400		0.0140	0.7711	0.0	0.0	0.0	5.2053
0.500		0.0140	0.7711	0.0	0.0	0.0	4.0603
0.600		0.0140	0.7711	0.0	0.0	0.0	2.9154
0.700		0.0140	0.7711	0.0	0.0	0.0	1.7704
0.800		0.0140	0.7711	0.0	0.0	0.0	0.6255
0.900		0.0140	0.7711	0.0	0.0	0.0	-0.5195
1.000		0.0140	0.7711	0.0	0.0	0.0	-1.6644

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.3584	0.5183	0.0	0.0	0.0	2.0708
0.100		-0.3584	0.5183	0.0	0.0	0.0	1.3013
0.200		-0.3584	0.5183	0.0	0.0	0.0	0.5317
0.300		-0.3584	0.5183	0.0	0.0	0.0	-0.2379
0.400		-0.3584	0.5183	0.0	0.0	0.0	-1.0075
0.500		-0.3584	0.5183	0.0	0.0	0.0	-1.7770
0.600		-0.3584	0.5183	0.0	0.0	0.0	-2.5466
0.700		-0.3584	0.5183	0.0	0.0	0.0	-3.3162
0.800		-0.3584	0.5183	0.0	0.0	0.0	-4.0857
0.900		-0.3584	0.5183	0.0	0.0	0.0	-4.8553
1.000		-0.3584	0.5183	0.0	0.0	0.0	-5.6249

MEMBER 7

LOADING 1 DEAD LOAD

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0215	-3.0073	0.0	0.0	0.0	-24.9429

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0.100	0.0193	-2.7112	0.0	0.0	0.0	-20.5339
0.200	0.0172	-2.4151	0.0	0.0	0.0	-16.5814
0.300	0.0151	-2.1191	0.0	0.0	0.0	-13.0854
0.400	0.0130	-1.8230	0.0	0.0	0.0	-10.0460
0.500	0.0109	-1.5269	0.0	0.0	0.0	-7.4632
0.600	0.0093	-1.3033	0.0	0.0	0.0	-5.2810
0.700	0.0077	-1.0798	0.0	0.0	0.0	-3.4436
0.800	0.0061	-0.8562	0.0	0.0	0.0	-1.9509
0.900	0.0045	-0.6326	0.0	0.0	0.0	-0.8031
1.000	0.0029	-0.4090	0.0	0.0	0.0	-0.0000

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	0.0000

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	0.0000	0.0	0.0	0.0	0.0000

33003549

0.700	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	-0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	-0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 6 HS-20 #5 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	-0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	-0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

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LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800		-0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900		-0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000		-0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

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0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000		-0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000		0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500		0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600		0.0000	-0.0000	0.0	0.0	0.0	-0.0000

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0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 16 HS-20 #15 LT. CANT. SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0180	-2.5199	0.0	0.0	0.0	-26.6105
0.100	0.0180	-2.5199	0.0	0.0	0.0	-22.7246
0.200	0.0180	-2.5199	0.0	0.0	0.0	-18.8388
0.300	0.0180	-2.5199	0.0	0.0	0.0	-14.9530
0.400	0.0180	-2.5199	0.0	0.0	0.0	-11.0672
0.500	0.0090	-1.2600	0.0	0.0	0.0	-7.3706
0.600	0.0090	-1.2600	0.0	0.0	0.0	-5.4277
0.700	0.0090	-1.2600	0.0	0.0	0.0	-3.4847
0.800	0.0090	-1.2600	0.0	0.0	0.0	-1.5418
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 17 HS-20 #16 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0315	-4.4099	0.0	0.0	0.0	-31.8687
0.100	0.0210	-2.9399	0.0	0.0	0.0	-26.5121
0.200	0.0210	-2.9399	0.0	0.0	0.0	-21.9786
0.300	0.0210	-2.9399	0.0	0.0	0.0	-17.4452
0.400	0.0210	-2.9399	0.0	0.0	0.0	-12.9117
0.500	0.0105	-1.4700	0.0	0.0	0.0	-8.5990
0.600	0.0105	-1.4700	0.0	0.0	0.0	-6.3323
0.700	0.0105	-1.4700	0.0	0.0	0.0	-4.0655
0.800	0.0105	-1.4700	0.0	0.0	0.0	-1.7988
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

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LOADING 18 R R TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0234	-3.2799	0.0	0.0	0.0	-24.7633
0.100		0.0234	-3.2799	0.0	0.0	0.0	-19.7056
0.200		0.0234	-3.2799	0.0	0.0	0.0	-14.6478
0.300		0.0234	-3.2799	0.0	0.0	0.0	-9.5901
0.400		0.0117	-1.6400	0.0	0.0	0.0	-6.3661
0.500		0.0117	-1.6400	0.0	0.0	0.0	-3.8372
0.600		0.0117	-1.6400	0.0	0.0	0.0	-1.3083
0.700		0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800		0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900		0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000		0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.100		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.200		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.300		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.400		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.500		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.600		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.700		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.800		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.900		-0.0000	0.0000	0.0	0.0	0.0	-0.0000
1.000		-0.0000	0.0000	0.0	0.0	0.0	-0.0000

LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0234	-3.2799	0.0	0.0	0.0	-24.7633
0.100		0.0234	-3.2799	0.0	0.0	0.0	-19.7056
0.200		0.0234	-3.2799	0.0	0.0	0.0	-14.6478
0.300		0.0234	-3.2799	0.0	0.0	0.0	-9.5901
0.400		0.0117	-1.6400	0.0	0.0	0.0	-6.3661
0.500		0.0117	-1.6400	0.0	0.0	0.0	-3.8372
0.600		0.0117	-1.6400	0.0	0.0	0.0	-1.3083
0.700		0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800		0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900		0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000		0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

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0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.100	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.200	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.300	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.400	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.500	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.600	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.700	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.800	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.900	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
1.000	-0.0000	0.0000	0.0	0.0	0.0	-0.0000

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	0.0000

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0.700	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	0.0000

LOADING 25 WAVE FORCE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	0.0000

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

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LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.100	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.200	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.300	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.400	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.500	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.600	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.700	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.800	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
0.900	-0.0000	-0.0000	0.0	0.0	0.0	0.0000
1.000	-0.0000	-0.0000	0.0	0.0	0.0	0.0000

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.100	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.400	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.500	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.600	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.700	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.800	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.900	0.0000	0.0000	0.0	0.0	0.0	0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	0.0000

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.100	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.200	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.300	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	-0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	-0.0000	0.0	0.0	0.0	-0.0000

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0000	0.0000	0.0	0.0	0.0	0.0000

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0.100	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.200	0.0000	0.0000	0.0	0.0	0.0	0.0000
0.300	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.400	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.500	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.600	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.700	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.800	0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.900	0.0000	0.0000	0.0	0.0	0.0	-0.0000
1.000	0.0000	0.0000	0.0	0.0	0.0	-0.0000

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.100	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.200	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.300	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.400	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.500	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.600	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.700	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.800	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
0.900	-0.0000	0.0000	0.0	0.0	0.0	-0.0000
1.000	-0.0000	0.0000	0.0	0.0	0.0	-0.0000

MEMBER 8

LOADING 1 DEAD LOAD

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-5.8818	-0.1933	0.0	0.0	0.0	-4.4286
0.100	-6.4323	-0.1933	0.0	0.0	0.0	-3.8716
0.200	-6.8824	-0.1933	0.0	0.0	0.0	-3.3146
0.300	-7.2658	-0.1933	0.0	0.0	0.0	-2.7575
0.400	-7.6491	-0.1933	0.0	0.0	0.0	-2.2005
0.500	-8.0324	-0.1933	0.0	0.0	0.0	-1.6435
0.600	-8.4157	-0.1933	0.0	0.0	0.0	-1.0865
0.700	-8.7990	-0.1933	0.0	0.0	0.0	-0.5295
0.800	-9.1823	-0.1933	0.0	0.0	0.0	0.0275
0.900	-9.6324	-0.1933	0.0	0.0	0.0	0.5845
1.000	-10.1829	-0.1933	0.0	0.0	0.0	1.1415

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING

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0.0 FR	-8.2867	-0.1391	0.0	0.0	0.0	-2.7382
0.100	-8.2867	-0.1391	0.0	0.0	0.0	-2.3372
0.200	-8.2867	-0.1391	0.0	0.0	0.0	-1.9362
0.300	-8.2867	-0.1391	0.0	0.0	0.0	-1.5352
0.400	-8.2867	-0.1391	0.0	0.0	0.0	-1.1342
0.500	-8.2867	-0.1391	0.0	0.0	0.0	-0.7332
0.600	-8.2867	-0.1391	0.0	0.0	0.0	-0.3322
0.700	-8.2867	-0.1391	0.0	0.0	0.0	0.0688
0.800	-8.2867	-0.1391	0.0	0.0	0.0	0.4698
0.900	-8.2867	-0.1391	0.0	0.0	0.0	0.8708
1.000	-8.2867	-0.1391	0.0	0.0	0.0	1.2718

MDL

-23.86 k' -19.44 k' -4.43 k' (I.F. tension) +1.14 k'

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-3.7990	-0.4142	0.0	0.0	0.0	-8.2003
0.100	-3.7990	-0.4142	0.0	0.0	0.0	-7.0065
0.200	-3.7990	-0.4142	0.0	0.0	0.0	-5.8126
0.300	-3.7990	-0.4142	0.0	0.0	0.0	-4.6188
0.400	-3.7990	-0.4142	0.0	0.0	0.0	-3.4249
0.500	-3.7990	-0.4142	0.0	0.0	0.0	-2.2311
0.600	-3.7990	-0.4142	0.0	0.0	0.0	-1.0372
0.700	-3.7990	-0.4142	0.0	0.0	0.0	0.1566
0.800	-3.7990	-0.4142	0.0	0.0	0.0	1.3505
0.900	-3.7990	-0.4142	0.0	0.0	0.0	2.5443
1.000	-3.7990	-0.4142	0.0	0.0	0.0	3.7382

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-3.7727	-0.4204	0.0	0.0	0.0	-8.3224
0.100	-3.7727	-0.4204	0.0	0.0	0.0	-7.1109
0.200	-3.7727	-0.4204	0.0	0.0	0.0	-5.8993
0.300	-3.7727	-0.4204	0.0	0.0	0.0	-4.6878
0.400	-3.7727	-0.4204	0.0	0.0	0.0	-3.4763
0.500	-3.7727	-0.4204	0.0	0.0	0.0	-2.2647
0.600	-3.7727	-0.4204	0.0	0.0	0.0	-1.0532
0.700	-3.7727	-0.4204	0.0	0.0	0.0	0.1583
0.800	-3.7727	-0.4204	0.0	0.0	0.0	1.3699
0.900	-3.7727	-0.4204	0.0	0.0	0.0	2.5814
1.000	-3.7727	-0.4204	0.0	0.0	0.0	3.7929

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-3.8682	-0.4059	0.0	0.0	0.0	-8.0341
0.100	-3.8682	-0.4059	0.0	0.0	0.0	-6.8643
0.200	-3.8682	-0.4059	0.0	0.0	0.0	-5.6945
0.300	-3.8682	-0.4059	0.0	0.0	0.0	-4.5247
0.400	-3.8682	-0.4059	0.0	0.0	0.0	-3.3549
0.500	-3.8682	-0.4059	0.0	0.0	0.0	-2.1851

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0.600	-3.8682	-0.4059	0.0	0.0	0.0	-1.0153
0.700	-3.8682	-0.4059	0.0	0.0	0.0	0.1545
0.800	-3.8682	-0.4059	0.0	0.0	0.0	1.3243
0.900	-3.8682	-0.4059	0.0	0.0	0.0	2.4941
1.000	-3.8682	-0.4059	0.0	0.0	0.0	3.6639

LOADING 6 HS-20 #5 LT. CANT. & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-3.9054	-0.4001	0.0	0.0	0.0	-7.9182
0.100	-3.9054	-0.4001	0.0	0.0	0.0	-6.7651
0.200	-3.9054	-0.4001	0.0	0.0	0.0	-5.6120
0.300	-3.9054	-0.4001	0.0	0.0	0.0	-4.4589
0.400	-3.9054	-0.4001	0.0	0.0	0.0	-3.3058
0.500	-3.9054	-0.4001	0.0	0.0	0.0	-2.1528
0.600	-3.9054	-0.4001	0.0	0.0	0.0	-0.9997
0.700	-3.9054	-0.4001	0.0	0.0	0.0	0.1534
0.800	-3.9054	-0.4001	0.0	0.0	0.0	1.3065
0.900	-3.9054	-0.4001	0.0	0.0	0.0	2.4596
1.000	-3.9054	-0.4001	0.0	0.0	0.0	3.6126

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-4.3623	0.2091	0.0	0.0	0.0	4.1653
0.100	-4.3623	0.2091	0.0	0.0	0.0	3.5627
0.200	-4.3623	0.2091	0.0	0.0	0.0	2.9600
0.300	-4.3623	0.2091	0.0	0.0	0.0	2.3573
0.400	-4.3623	0.2091	0.0	0.0	0.0	1.7546
0.500	-4.3623	0.2091	0.0	0.0	0.0	1.1519
0.600	-4.3623	0.2091	0.0	0.0	0.0	0.5493
0.700	-4.3623	0.2091	0.0	0.0	0.0	-0.0534
0.800	-4.3623	0.2091	0.0	0.0	0.0	-0.6561
0.900	-4.3623	0.2091	0.0	0.0	0.0	-1.2588
1.000	-4.3623	0.2091	0.0	0.0	0.0	-1.8615

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.8340	0.2093	0.0	0.0	0.0	4.1719
0.100	-2.8340	0.2093	0.0	0.0	0.0	3.5689
0.200	-2.8340	0.2093	0.0	0.0	0.0	2.9658
0.300	-2.8340	0.2093	0.0	0.0	0.0	2.3627
0.400	-2.8340	0.2093	0.0	0.0	0.0	1.7596
0.500	-2.8340	0.2093	0.0	0.0	0.0	1.1565
0.600	-2.8340	0.2093	0.0	0.0	0.0	0.5534
0.700	-2.8340	0.2093	0.0	0.0	0.0	-0.0496
0.800	-2.8340	0.2093	0.0	0.0	0.0	-0.6527
0.900	-2.8340	0.2093	0.0	0.0	0.0	-1.2558
1.000	-2.8340	0.2093	0.0	0.0	0.0	-1.8589

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LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-6.6497	-0.1337	0.0	0.0	0.0	-2.6092
0.100		-6.6497	-0.1337	0.0	0.0	0.0	-2.2238
0.200		-6.6497	-0.1337	0.0	0.0	0.0	-1.8383
0.300		-6.6497	-0.1337	0.0	0.0	0.0	-1.4529
0.400		-6.6497	-0.1337	0.0	0.0	0.0	-1.0674
0.500		-6.6497	-0.1337	0.0	0.0	0.0	-0.6819
0.600		-6.6497	-0.1337	0.0	0.0	0.0	-0.2965
0.700		-6.6497	-0.1337	0.0	0.0	0.0	0.0890
0.800		-6.6497	-0.1337	0.0	0.0	0.0	0.4744
0.900		-6.6497	-0.1337	0.0	0.0	0.0	0.8599
1.000		-6.6497	-0.1337	0.0	0.0	0.0	1.2453

LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-1.5051	0.1343	0.0	0.0	0.0	2.6296
0.100		-1.5051	0.1343	0.0	0.0	0.0	2.2425
0.200		-1.5051	0.1343	0.0	0.0	0.0	1.8555
0.300		-1.5051	0.1343	0.0	0.0	0.0	1.4684
0.400		-1.5051	0.1343	0.0	0.0	0.0	1.0814
0.500		-1.5051	0.1343	0.0	0.0	0.0	0.6943
0.600		-1.5051	0.1343	0.0	0.0	0.0	0.3073
0.700		-1.5051	0.1343	0.0	0.0	0.0	-0.0798
0.800		-1.5051	0.1343	0.0	0.0	0.0	-0.4668
0.900		-1.5051	0.1343	0.0	0.0	0.0	-0.8539
1.000		-1.5051	0.1343	0.0	0.0	0.0	-1.2410

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-1.3316	0.1810	0.0	0.0	0.0	3.6243
0.100		-1.3316	0.1810	0.0	0.0	0.0	3.1026
0.200		-1.3316	0.1810	0.0	0.0	0.0	2.5809
0.300		-1.3316	0.1810	0.0	0.0	0.0	2.0593
0.400		-1.3316	0.1810	0.0	0.0	0.0	1.5376
0.500		-1.3316	0.1810	0.0	0.0	0.0	1.0159
0.600		-1.3316	0.1810	0.0	0.0	0.0	0.4943
0.700		-1.3316	0.1810	0.0	0.0	0.0	-0.0274
0.800		-1.3316	0.1810	0.0	0.0	0.0	-0.5490
0.900		-1.3316	0.1810	0.0	0.0	0.0	-1.0707
1.000		-1.3316	0.1810	0.0	0.0	0.0	-1.5924

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING

33003561

0.0 FR	-1.3334	0.1813	0.0	0.0	0.0	3.6301
0.100	-1.3334	0.1813	0.0	0.0	0.0	3.1076
0.200	-1.3334	0.1813	0.0	0.0	0.0	2.5851
0.300	-1.3334	0.1813	0.0	0.0	0.0	2.0626
0.400	-1.3334	0.1813	0.0	0.0	0.0	1.5401
0.500	-1.3334	0.1813	0.0	0.0	0.0	1.0176
0.600	-1.3334	0.1813	0.0	0.0	0.0	0.4951
0.700	-1.3334	0.1813	0.0	0.0	0.0	-0.0274
0.800	-1.3334	0.1813	0.0	0.0	0.0	-0.5499
0.900	-1.3334	0.1813	0.0	0.0	0.0	-1.0725
1.000	-1.3334	0.1813	0.0	0.0	0.0	-1.5950

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-1.3120	0.1780	0.0	0.0	0.0	3.5622
0.100	-1.3120	0.1780	0.0	0.0	0.0	3.0493
0.200	-1.3120	0.1780	0.0	0.0	0.0	2.5364
0.300	-1.3120	0.1780	0.0	0.0	0.0	2.0235
0.400	-1.3120	0.1780	0.0	0.0	0.0	1.5106
0.500	-1.3120	0.1780	0.0	0.0	0.0	0.9977
0.600	-1.3120	0.1780	0.0	0.0	0.0	0.4848
0.700	-1.3120	0.1780	0.0	0.0	0.0	-0.0281
0.800	-1.3120	0.1780	0.0	0.0	0.0	-0.5410
0.900	-1.3120	0.1780	0.0	0.0	0.0	-1.0539
1.000	-1.3120	0.1780	0.0	0.0	0.0	-1.5668

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.2050	-0.0335	0.0	0.0	0.0	-0.6648
0.100	0.2050	-0.0335	0.0	0.0	0.0	-0.5684
0.200	0.2050	-0.0335	0.0	0.0	0.0	-0.4719
0.300	0.2050	-0.0335	0.0	0.0	0.0	-0.3754
0.400	0.2050	-0.0335	0.0	0.0	0.0	-0.2790
0.500	0.2050	-0.0335	0.0	0.0	0.0	-0.1825
0.600	0.2050	-0.0335	0.0	0.0	0.0	-0.0860
0.700	0.2050	-0.0335	0.0	0.0	0.0	0.0104
0.800	0.2050	-0.0335	0.0	0.0	0.0	0.1069
0.900	0.2050	-0.0335	0.0	0.0	0.0	0.2034
1.000	0.2050	-0.0335	0.0	0.0	0.0	0.2998

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.2032	-0.0332	0.0	0.0	0.0	-0.6590
0.100	0.2032	-0.0332	0.0	0.0	0.0	-0.5634
0.200	0.2032	-0.0332	0.0	0.0	0.0	-0.4678
0.300	0.2032	-0.0332	0.0	0.0	0.0	-0.3721
0.400	0.2032	-0.0332	0.0	0.0	0.0	-0.2765
0.500	0.2032	-0.0332	0.0	0.0	0.0	-0.1809

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0.600	0.2032	-0.0332	0.0	0.0	0.0	-0.0852
0.700	0.2032	-0.0332	0.0	0.0	0.0	0.0104
0.800	0.2032	-0.0332	0.0	0.0	0.0	0.1060
0.900	0.2032	-0.0332	0.0	0.0	0.0	0.2016
1.000	0.2032	-0.0332	0.0	0.0	0.0	0.2973

LOADING 16 HS-20 #15 LT. CANT. SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0178	-0.0016	0.0	0.0	0.0	-0.0459
0.100	0.0178	-0.0016	0.0	0.0	0.0	-0.0414
0.200	0.0178	-0.0016	0.0	0.0	0.0	-0.0369
0.300	0.0178	-0.0016	0.0	0.0	0.0	-0.0324
0.400	0.0178	-0.0016	0.0	0.0	0.0	-0.0279
0.500	0.0178	-0.0016	0.0	0.0	0.0	-0.0234
0.600	0.0178	-0.0016	0.0	0.0	0.0	-0.0189
0.700	0.0178	-0.0016	0.0	0.0	0.0	-0.0144
0.800	0.0178	-0.0016	0.0	0.0	0.0	-0.0099
0.900	0.0178	-0.0016	0.0	0.0	0.0	-0.0054
1.000	0.0178	-0.0016	0.0	0.0	0.0	-0.0009

LOADING 17 HS-20 #16 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0127	-0.0010	0.0	0.0	0.0	-0.0316
0.100	0.0127	-0.0010	0.0	0.0	0.0	-0.0288
0.200	0.0127	-0.0010	0.0	0.0	0.0	-0.0260
0.300	0.0127	-0.0010	0.0	0.0	0.0	-0.0232
0.400	0.0127	-0.0010	0.0	0.0	0.0	-0.0203
0.500	0.0127	-0.0010	0.0	0.0	0.0	-0.0175
0.600	0.0127	-0.0010	0.0	0.0	0.0	-0.0147
0.700	0.0127	-0.0010	0.0	0.0	0.0	-0.0119
0.800	0.0127	-0.0010	0.0	0.0	0.0	-0.0091
0.900	0.0127	-0.0010	0.0	0.0	0.0	-0.0063
1.000	0.0127	-0.0010	0.0	0.0	0.0	-0.0035

LOADING 18 P.R. TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.0535	-0.0063	0.0	0.0	0.0	-0.1508
0.100	0.0535	-0.0063	0.0	0.0	0.0	-0.1328
0.200	0.0535	-0.0063	0.0	0.0	0.0	-0.1147
0.300	0.0535	-0.0063	0.0	0.0	0.0	-0.0967
0.400	0.0535	-0.0063	0.0	0.0	0.0	-0.0787
0.500	0.0535	-0.0063	0.0	0.0	0.0	-0.0607
0.600	0.0535	-0.0063	0.0	0.0	0.0	-0.0427
0.700	0.0535	-0.0063	0.0	0.0	0.0	-0.0247
0.800	0.0535	-0.0063	0.0	0.0	0.0	-0.0066
0.900	0.0535	-0.0063	0.0	0.0	0.0	0.0114
1.000	0.0535	-0.0063	0.0	0.0	0.0	0.0294

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LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	0.0208	-0.0031	0.0	0.0	0.0	-0.0643
0.100		0.0208	-0.0031	0.0	0.0	0.0	-0.0553
0.200		0.0208	-0.0031	0.0	0.0	0.0	-0.0462
0.300		0.0208	-0.0031	0.0	0.0	0.0	-0.0372
0.400		0.0208	-0.0031	0.0	0.0	0.0	-0.0282
0.500		0.0208	-0.0031	0.0	0.0	0.0	-0.0192
0.600		0.0208	-0.0031	0.0	0.0	0.0	-0.0102
0.700		0.0208	-0.0031	0.0	0.0	0.0	-0.0012
0.800		0.0208	-0.0031	0.0	0.0	0.0	0.0078
0.900		0.0208	-0.0031	0.0	0.0	0.0	0.0169
1.000		0.0208	-0.0031	0.0	0.0	0.0	0.0259

LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.0048	0.0008	0.0	0.0	0.0	0.0158
0.100		-0.0048	0.0008	0.0	0.0	0.0	0.0134
0.200		-0.0048	0.0008	0.0	0.0	0.0	0.0109
0.300		-0.0048	0.0008	0.0	0.0	0.0	0.0085
0.400		-0.0048	0.0008	0.0	0.0	0.0	0.0060
0.500		-0.0048	0.0008	0.0	0.0	0.0	0.0036
0.600		-0.0048	0.0008	0.0	0.0	0.0	0.0012
0.700		-0.0048	0.0008	0.0	0.0	0.0	-0.0013
0.800		-0.0048	0.0008	0.0	0.0	0.0	-0.0037
0.900		-0.0048	0.0008	0.0	0.0	0.0	-0.0062
1.000		-0.0048	0.0008	0.0	0.0	0.0	-0.0086

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.1390	0.0191	0.0	0.0	0.0	0.4153
0.100		-0.1390	0.0191	0.0	0.0	0.0	0.3603
0.200		-0.1390	0.0191	0.0	0.0	0.0	0.3053
0.300		-0.1390	0.0191	0.0	0.0	0.0	0.2503
0.400		-0.1390	0.0191	0.0	0.0	0.0	0.1953
0.500		-0.1390	0.0191	0.0	0.0	0.0	0.1402
0.600		-0.1390	0.0191	0.0	0.0	0.0	0.0852
0.700		-0.1390	0.0191	0.0	0.0	0.0	0.0302
0.800		-0.1390	0.0191	0.0	0.0	0.0	-0.0248
0.900		-0.1390	0.0191	0.0	0.0	0.0	-0.0798
1.000		-0.1390	0.0191	0.0	0.0	0.0	-0.1348

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING

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0.0 FR	-0.1440	0.0197	0.0	0.0	0.0	0.4296
0.100	-0.1440	0.0197	0.0	0.0	0.0	0.3728
0.200	-0.1440	0.0197	0.0	0.0	0.0	0.3161
0.300	-0.1440	0.0197	0.0	0.0	0.0	0.2593
0.400	-0.1440	0.0197	0.0	0.0	0.0	0.2025
0.500	-0.1440	0.0197	0.0	0.0	0.0	0.1458
0.600	-0.1440	0.0197	0.0	0.0	0.0	0.0890
0.700	-0.1440	0.0197	0.0	0.0	0.0	0.0322
0.800	-0.1440	0.0197	0.0	0.0	0.0	-0.0246
0.900	-0.1440	0.0197	0.0	0.0	0.0	-0.0813
1.000	-0.1440	0.0197	0.0	0.0	0.0	-0.1381

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.4671	0.6913	0.0	0.0	0.0	5.5038
0.100	-0.4671	0.6913	0.0	0.0	0.0	24.8284
0.200	-0.4671	0.6913	0.0	0.0	0.0	44.1532
0.300	-0.4671	0.6913	0.0	0.0	0.0	63.4781
0.400	-0.4671	0.6913	0.0	0.0	0.0	82.8029
0.500	-0.4671	0.5192	0.0	0.0	0.0	58.4604
0.600	-0.4671	-0.0758	0.0	0.0	0.0	35.1227
0.700	-0.4671	-1.0957	0.0	0.0	0.0	19.1332
0.800	-0.4671	-2.5406	0.0	0.0	0.0	11.7172
0.900	-0.4671	-4.4105	0.0	0.0	0.0	14.0992
1.000	-0.4671	-6.7053	0.0	0.0	0.0	27.5040

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-2.3404	3.8223	0.0	0.0	0.0	27.5371
0.100	-2.3404	3.8223	0.0	0.0	0.0	62.7324
0.200	-2.3404	3.7185	0.0	0.0	0.0	56.3715
0.300	-2.3404	3.2101	0.0	0.0	0.0	34.3804
0.400	-2.3404	2.2780	0.0	0.0	0.0	16.0523
0.500	-2.3404	0.9222	0.0	0.0	0.0	2.6087
0.600	-2.3404	-0.8573	0.0	0.0	0.0	-4.7297
0.700	-2.3404	-3.0605	0.0	0.0	0.0	-4.7418
0.800	-2.3404	-5.6873	0.0	0.0	0.0	3.7935
0.900	-2.3404	-8.7378	0.0	0.0	0.0	22.0971
1.000	-2.3404	-12.2120	0.0	0.0	0.0	51.3901

LOADING 25 WAVE FORCE

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-1.8733	3.1310	0.0	0.0	0.0	22.0333
0.100	-1.8733	3.1310	0.0	0.0	0.0	37.9041
0.200	-1.8733	3.0272	0.0	0.0	0.0	12.2183
0.300	-1.8733	2.5188	0.0	0.0	0.0	-29.0977
0.400	-1.8733	1.5867	0.0	0.0	0.0	-66.7505
0.500	-1.8733	0.4030	0.0	0.0	0.0	-55.8518

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0.600	-1.8733	-0.7815	0.0	0.0	0.0	-39.8524
0.700	-1.8733	-1.9648	0.0	0.0	0.0	-23.8751
0.800	-1.8733	-3.1467	0.0	0.0	0.0	-7.9238
0.900	-1.8733	-4.3274	0.0	0.0	0.0	7.9979
1.000	-1.8733	-5.5067	0.0	0.0	0.0	23.8861

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.3109	-0.9455	0.0	0.0	0.0	-6.9393
0.100	0.3109	-0.9455	0.0	0.0	0.0	-27.3081
0.200	0.3109	-0.9455	0.0	0.0	0.0	-47.6767
0.300	0.3109	-0.9455	0.0	0.0	0.0	-68.0455
0.400	0.3109	-0.9455	0.0	0.0	0.0	-88.4142
0.500	0.3109	-0.6900	0.0	0.0	0.0	-55.8896
0.600	0.3109	0.0766	0.0	0.0	0.0	-30.7289
0.700	0.3109	1.3542	0.0	0.0	0.0	-14.4050
0.800	0.3109	3.1428	0.0	0.0	0.0	-8.3907
0.900	0.3109	5.4424	0.0	0.0	0.0	-14.1589
1.000	0.3109	7.0676	0.0	0.0	0.0	-32.0354

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	2.3003	-7.0532	0.0	0.0	0.0	-43.0333
0.100	2.3003	-6.8790	0.0	0.0	0.0	-44.8383
0.200	2.3003	-6.1756	0.0	0.0	0.0	-21.0820
0.300	2.3003	-4.9561	0.0	0.0	0.0	-0.6918
0.400	2.3003	-3.2202	0.0	0.0	0.0	14.8443
0.500	2.3003	-0.9681	0.0	0.0	0.0	24.0389
0.600	2.3003	1.8002	0.0	0.0	0.0	25.4038
0.700	2.3003	5.0848	0.0	0.0	0.0	17.4514
0.800	2.3003	8.8856	0.0	0.0	0.0	-1.3061
0.900	2.3003	13.2027	0.0	0.0	0.0	-32.3565
1.000	2.3003	16.0408	0.0	0.0	0.0	-75.9980

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.5144	-0.0535	0.0	0.0	0.0	-1.4303
0.100	0.5144	-0.0535	0.0	0.0	0.0	-1.2761
0.200	0.5144	-0.0535	0.0	0.0	0.0	-1.1219
0.300	0.5144	-0.0535	0.0	0.0	0.0	-0.9677
0.400	0.5144	-0.0535	0.0	0.0	0.0	-0.8135
0.500	0.5144	-0.0535	0.0	0.0	0.0	-0.6594
0.600	0.5144	-0.0535	0.0	0.0	0.0	-0.5052
0.700	0.5144	-0.0535	0.0	0.0	0.0	-0.3510
0.800	0.5144	-0.0535	0.0	0.0	0.0	-0.1968
0.900	0.5144	-0.0535	0.0	0.0	0.0	-0.0426
1.000	0.5144	-0.0535	0.0	0.0	0.0	0.1115

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LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	2.2392	-0.0784	0.0	0.0	0.0	-4.9675
0.100		2.2392	-0.0784	0.0	0.0	0.0	-4.7415
0.200		2.2392	-0.0784	0.0	0.0	0.0	-4.5155
0.300		2.2392	-0.0784	0.0	0.0	0.0	-4.2896
0.400		2.2392	-0.0784	0.0	0.0	0.0	-4.0636
0.500		2.2392	-0.0784	0.0	0.0	0.0	-3.8376
0.600		2.2392	-0.0784	0.0	0.0	0.0	-3.6116
0.700		2.2392	-0.0784	0.0	0.0	0.0	-3.3856
0.800		2.2392	-0.0784	0.0	0.0	0.0	-3.1597
0.900		2.2392	-0.0784	0.0	0.0	0.0	-2.9337
1.000		2.2392	-0.0784	0.0	0.0	0.0	-2.7077

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.1780	0.0178	0.0	0.0	0.0	0.4818
0.100		-0.1780	0.0178	0.0	0.0	0.0	0.4306
0.200		-0.1780	0.0178	0.0	0.0	0.0	0.3793
0.300		-0.1780	0.0178	0.0	0.0	0.0	0.3281
0.400		-0.1780	0.0178	0.0	0.0	0.0	0.2768
0.500		-0.1780	0.0178	0.0	0.0	0.0	0.2255
0.600		-0.1780	0.0178	0.0	0.0	0.0	0.1743
0.700		-0.1780	0.0178	0.0	0.0	0.0	0.1230
0.800		-0.1780	0.0178	0.0	0.0	0.0	0.0718
0.900		-0.1780	0.0178	0.0	0.0	0.0	0.0205
1.000		-0.1780	0.0178	0.0	0.0	0.0	-0.0307

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.7748	0.0193	0.0	0.0	0.0	1.6241
0.100		-0.7748	0.0193	0.0	0.0	0.0	1.5686
0.200		-0.7748	0.0193	0.0	0.0	0.0	1.5131
0.300		-0.7748	0.0193	0.0	0.0	0.0	1.4576
0.400		-0.7748	0.0193	0.0	0.0	0.0	1.4022
0.500		-0.7748	0.0193	0.0	0.0	0.0	1.3467
0.600		-0.7748	0.0193	0.0	0.0	0.0	1.2912
0.700		-0.7748	0.0193	0.0	0.0	0.0	1.2357
0.800		-0.7748	0.0193	0.0	0.0	0.0	1.1802
0.900		-0.7748	0.0193	0.0	0.0	0.0	1.1247
1.000		-0.7748	0.0193	0.0	0.0	0.0	1.0692

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING

33003567

0.0 FR	-0.5242	0.3881	0.0	0.0	0.0	5.7268
0.100	-0.5242	0.3881	0.0	0.0	0.0	4.6084
0.200	-0.5242	0.3881	0.0	0.0	0.0	3.4899
0.300	-0.5242	0.3881	0.0	0.0	0.0	2.3714
0.400	-0.5242	0.3881	0.0	0.0	0.0	1.2530
0.500	-0.5242	0.3881	0.0	0.0	0.0	0.1345
0.600	-0.5242	0.3881	0.0	0.0	0.0	-0.9839
0.700	-0.5242	0.3881	0.0	0.0	0.0	-2.1024
0.800	-0.5242	0.3881	0.0	0.0	0.0	-3.2208
0.900	-0.5242	0.3881	0.0	0.0	0.0	-4.3393
1.000	-0.5242	0.3881	0.0	0.0	0.0	-5.4577

MEMBER 9

LOADING 1 DEAD LOAD

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.7495	0.0225	0.0	0.0	0.0	0.5658
0.100	-1.0148	0.0225	0.0	0.0	0.0	0.5016
0.200	-1.2802	0.0225	0.0	0.0	0.0	0.4374
0.300	-1.5455	0.0225	0.0	0.0	0.0	0.3732
0.400	-1.8108	0.0225	0.0	0.0	0.0	0.3090
0.500	-2.0761	0.0225	0.0	0.0	0.0	0.2448
0.600	-2.3415	0.0225	0.0	0.0	0.0	0.1806
0.700	-2.6068	0.0225	0.0	0.0	0.0	0.1164
0.800	-2.8721	0.0225	0.0	0.0	0.0	0.0522
0.900	-3.1375	0.0225	0.0	0.0	0.0	-0.0120
1.000	-3.4028	0.0225	0.0	0.0	0.0	-0.0762

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.7535	0.0106	0.0	0.0	0.0	0.2400
0.100	0.7535	0.0106	0.0	0.0	0.0	0.2099
0.200	0.7535	0.0106	0.0	0.0	0.0	0.1798
0.300	0.7535	0.0106	0.0	0.0	0.0	0.1496
0.400	0.7535	0.0106	0.0	0.0	0.0	0.1195
0.500	0.7535	0.0106	0.0	0.0	0.0	0.0894
0.600	0.7535	0.0106	0.0	0.0	0.0	0.0593
0.700	0.7535	0.0106	0.0	0.0	0.0	0.0292
0.800	0.7535	0.0106	0.0	0.0	0.0	-0.0010
0.900	0.7535	0.0106	0.0	0.0	0.0	-0.0311
1.000	0.7535	0.0106	0.0	0.0	0.0	-0.0612

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING

33003568

0.0 FR	-3.6192	0.0802	0.0	0.0	0.0	1.6657
0.100	-3.6192	0.0802	0.0	0.0	0.0	1.4369
0.200	-3.6192	0.0802	0.0	0.0	0.0	1.2080
0.300	-3.6192	0.0802	0.0	0.0	0.0	0.9792
0.400	-3.6192	0.0802	0.0	0.0	0.0	0.7504
0.500	-3.6192	0.0802	0.0	0.0	0.0	0.5215
0.600	-3.6192	0.0802	0.0	0.0	0.0	0.2927
0.700	-3.6192	0.0802	0.0	0.0	0.0	0.0639
0.800	-3.6192	0.0802	0.0	0.0	0.0	-0.1649
0.900	-3.6192	0.0802	0.0	0.0	0.0	-0.3938
1.000	-3.6192	0.0802	0.0	0.0	0.0	-0.6226

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-1.5033	0.0811	0.0	0.0	0.0	1.6854
0.100	-1.5033	0.0811	0.0	0.0	0.0	1.4540
0.200	-1.5033	0.0811	0.0	0.0	0.0	1.2225
0.300	-1.5033	0.0811	0.0	0.0	0.0	0.9911
0.400	-1.5033	0.0811	0.0	0.0	0.0	0.7597
0.500	-1.5033	0.0811	0.0	0.0	0.0	0.5282
0.600	-1.5033	0.0811	0.0	0.0	0.0	0.2968
0.700	-1.5033	0.0811	0.0	0.0	0.0	0.0654
0.800	-1.5033	0.0811	0.0	0.0	0.0	-0.1660
0.900	-1.5033	0.0811	0.0	0.0	0.0	-0.3975
1.000	-1.5033	0.0811	0.0	0.0	0.0	-0.6289

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.1562	0.0713	0.0	0.0	0.0	1.4922
0.100	0.1562	0.0713	0.0	0.0	0.0	1.2888
0.200	0.1562	0.0713	0.0	0.0	0.0	1.0855
0.300	0.1562	0.0713	0.0	0.0	0.0	0.8821
0.400	0.1562	0.0713	0.0	0.0	0.0	0.6787
0.500	0.1562	0.0713	0.0	0.0	0.0	0.4753
0.600	0.1562	0.0713	0.0	0.0	0.0	0.2720
0.700	0.1562	0.0713	0.0	0.0	0.0	0.0686
0.800	0.1562	0.0713	0.0	0.0	0.0	-0.1348
0.900	0.1562	0.0713	0.0	0.0	0.0	-0.3381
1.000	0.1562	0.0713	0.0	0.0	0.0	-0.5415

LOADING 6 HS-20 #5 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.5292	0.0676	0.0	0.0	0.0	1.4205
0.100	0.5292	0.0676	0.0	0.0	0.0	1.2275
0.200	0.5292	0.0676	0.0	0.0	0.0	1.0345
0.300	0.5292	0.0676	0.0	0.0	0.0	0.8415
0.400	0.5292	0.0676	0.0	0.0	0.0	0.6485

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0.500	0.5292	0.0676	0.0	0.0	0.0	0.4555
0.600	0.5292	0.0676	0.0	0.0	0.0	0.2625
0.700	0.5292	0.0676	0.0	0.0	0.0	0.0695
0.800	0.5292	0.0676	0.0	0.0	0.0	-0.1235
0.900	0.5292	0.0676	0.0	0.0	0.0	-0.3165
1.000	0.5292	0.0676	0.0	0.0	0.0	-0.5094

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-1.5671	-0.0500	0.0	0.0	0.0	-1.0306
0.100		-1.5671	-0.0500	0.0	0.0	0.0	-0.8880
0.200		-1.5671	-0.0500	0.0	0.0	0.0	-0.7454
0.300		-1.5671	-0.0500	0.0	0.0	0.0	-0.6029
0.400		-1.5671	-0.0500	0.0	0.0	0.0	-0.4603
0.500		-1.5671	-0.0500	0.0	0.0	0.0	-0.3177
0.600		-1.5671	-0.0500	0.0	0.0	0.0	-0.1751
0.700		-1.5671	-0.0500	0.0	0.0	0.0	-0.0325
0.800		-1.5671	-0.0500	0.0	0.0	0.0	0.1101
0.900		-1.5671	-0.0500	0.0	0.0	0.0	0.2527
1.000		-1.5671	-0.0500	0.0	0.0	0.0	0.3953

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-2.0151	-0.0543	0.0	0.0	0.0	-1.1149
0.100		-2.0151	-0.0543	0.0	0.0	0.0	-0.9600
0.200		-2.0151	-0.0543	0.0	0.0	0.0	-0.8050
0.300		-2.0151	-0.0543	0.0	0.0	0.0	-0.6501
0.400		-2.0151	-0.0543	0.0	0.0	0.0	-0.4951
0.500		-2.0151	-0.0543	0.0	0.0	0.0	-0.3402
0.600		-2.0151	-0.0543	0.0	0.0	0.0	-0.1852
0.700		-2.0151	-0.0543	0.0	0.0	0.0	-0.0303
0.800		-2.0151	-0.0543	0.0	0.0	0.0	0.1247
0.900		-2.0151	-0.0543	0.0	0.0	0.0	0.2796
1.000		-2.0151	-0.0543	0.0	0.0	0.0	0.4346

LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-1.4785	-0.0160	0.0	0.0	0.0	-0.2785
0.100		-1.4785	-0.0160	0.0	0.0	0.0	-0.2328
0.200		-1.4785	-0.0160	0.0	0.0	0.0	-0.1870
0.300		-1.4785	-0.0160	0.0	0.0	0.0	-0.1413
0.400		-1.4785	-0.0160	0.0	0.0	0.0	-0.0956
0.500		-1.4785	-0.0160	0.0	0.0	0.0	-0.0498
0.600		-1.4785	-0.0160	0.0	0.0	0.0	-0.0041
0.700		-1.4785	-0.0160	0.0	0.0	0.0	0.0416
0.800		-1.4785	-0.0160	0.0	0.0	0.0	0.0873
0.900		-1.4785	-0.0160	0.0	0.0	0.0	0.1331
1.000		-1.4785	-0.0160	0.0	0.0	0.0	0.1788

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LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-10.1802	-0.0042	0.0	0.0	0.0	-0.1132
0.100		-10.1802	-0.0042	0.0	0.0	0.0	-0.1012
0.200		-10.1802	-0.0042	0.0	0.0	0.0	-0.0892
0.300		-10.1802	-0.0042	0.0	0.0	0.0	-0.0771
0.400		-10.1802	-0.0042	0.0	0.0	0.0	-0.0651
0.500		-10.1802	-0.0042	0.0	0.0	0.0	-0.0530
0.600		-10.1802	-0.0042	0.0	0.0	0.0	-0.0410
0.700		-10.1802	-0.0042	0.0	0.0	0.0	-0.0289
0.800		-10.1802	-0.0042	0.0	0.0	0.0	-0.0169
0.900		-10.1802	-0.0042	0.0	0.0	0.0	-0.0049
1.000		-10.1802	-0.0042	0.0	0.0	0.0	0.0072

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-6.5662	-0.0621	0.0	0.0	0.0	-1.2586
0.100		-6.5662	-0.0621	0.0	0.0	0.0	-1.0815
0.200		-6.5662	-0.0621	0.0	0.0	0.0	-0.9045
0.300		-6.5662	-0.0621	0.0	0.0	0.0	-0.7274
0.400		-6.5662	-0.0621	0.0	0.0	0.0	-0.5503
0.500		-6.5662	-0.0621	0.0	0.0	0.0	-0.3733
0.600		-6.5662	-0.0621	0.0	0.0	0.0	-0.1962
0.700		-6.5662	-0.0621	0.0	0.0	0.0	-0.0192
0.800		-6.5662	-0.0621	0.0	0.0	0.0	0.1579
0.900		-6.5662	-0.0621	0.0	0.0	0.0	0.3349
1.000		-6.5662	-0.0621	0.0	0.0	0.0	0.5120

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-6.5675	-0.0622	0.0	0.0	0.0	-1.2618
0.100		-6.5675	-0.0622	0.0	0.0	0.0	-1.0842
0.200		-6.5675	-0.0622	0.0	0.0	0.0	-0.9067
0.300		-6.5675	-0.0622	0.0	0.0	0.0	-0.7292
0.400		-6.5675	-0.0622	0.0	0.0	0.0	-0.5517
0.500		-6.5675	-0.0622	0.0	0.0	0.0	-0.3742
0.600		-6.5675	-0.0622	0.0	0.0	0.0	-0.1967
0.700		-6.5675	-0.0622	0.0	0.0	0.0	-0.0191
0.800		-6.5675	-0.0622	0.0	0.0	0.0	0.1584
0.900		-6.5675	-0.0622	0.0	0.0	0.0	0.3359
1.000		-6.5675	-0.0622	0.0	0.0	0.0	0.5134

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING

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0.0 FR	-6.6625	-0.0603	0.0	0.0	0.0	-1.2224
0.100	-6.6625	-0.0603	0.0	0.0	0.0	-1.0505
0.200	-6.6625	-0.0603	0.0	0.0	0.0	-0.8786
0.300	-6.6625	-0.0603	0.0	0.0	0.0	-0.7066
0.400	-6.6625	-0.0603	0.0	0.0	0.0	-0.5347
0.500	-6.6625	-0.0603	0.0	0.0	0.0	-0.3628
0.600	-6.6625	-0.0603	0.0	0.0	0.0	-0.1908
0.700	-6.6625	-0.0603	0.0	0.0	0.0	-0.0189
0.800	-6.6625	-0.0603	0.0	0.0	0.0	0.1530
0.900	-6.6625	-0.0603	0.0	0.0	0.0	0.3250
1.000	-6.6625	-0.0603	0.0	0.0	0.0	0.4969

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-1.0362	0.0190	0.0	0.0	0.0	0.3774
0.100	-1.0362	0.0190	0.0	0.0	0.0	0.3231
0.200	-1.0362	0.0190	0.0	0.0	0.0	0.2687
0.300	-1.0362	0.0190	0.0	0.0	0.0	0.2144
0.400	-1.0362	0.0190	0.0	0.0	0.0	0.1601
0.500	-1.0362	0.0190	0.0	0.0	0.0	0.1058
0.600	-1.0362	0.0190	0.0	0.0	0.0	0.0514
0.700	-1.0362	0.0190	0.0	0.0	0.0	-0.0029
0.800	-1.0362	0.0190	0.0	0.0	0.0	-0.0572
0.900	-1.0362	0.0190	0.0	0.0	0.0	-0.1115
1.000	-1.0362	0.0190	0.0	0.0	0.0	-0.1659

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-1.0374	0.0189	0.0	0.0	0.0	0.3742
0.100	-1.0374	0.0189	0.0	0.0	0.0	0.3203
0.200	-1.0374	0.0189	0.0	0.0	0.0	0.2665
0.300	-1.0374	0.0189	0.0	0.0	0.0	0.2126
0.400	-1.0374	0.0189	0.0	0.0	0.0	0.1587
0.500	-1.0374	0.0189	0.0	0.0	0.0	0.1049
0.600	-1.0374	0.0189	0.0	0.0	0.0	0.0510
0.700	-1.0374	0.0189	0.0	0.0	0.0	-0.0029
0.800	-1.0374	0.0189	0.0	0.0	0.0	-0.0567
0.900	-1.0374	0.0189	0.0	0.0	0.0	-0.1106
1.000	-1.0374	0.0189	0.0	0.0	0.0	-0.1645

LOADING 16 HS-20 #15 LT. CANT. SLAB

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0782	0.0012	0.0	0.0	0.0	0.0302
0.100	-0.0782	0.0012	0.0	0.0	0.0	0.0268
0.200	-0.0782	0.0012	0.0	0.0	0.0	0.0234
0.300	-0.0782	0.0012	0.0	0.0	0.0	0.0200
0.400	-0.0782	0.0012	0.0	0.0	0.0	0.0166

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0.500	-0.0782	0.0012	0.0	0.0	0.0	0.0132
0.600	-0.0782	0.0012	0.0	0.0	0.0	0.0098
0.700	-0.0782	0.0012	0.0	0.0	0.0	0.0065
0.800	-0.0782	0.0012	0.0	0.0	0.0	0.0031
0.900	-0.0782	0.0012	0.0	0.0	0.0	-0.0003
1.000	-0.0782	0.0012	0.0	0.0	0.0	-0.0037

LOADING 17 RS-20 #16 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0560	0.0008	0.0	0.0	0.0	0.0210
0.100	-0.0560	0.0008	0.0	0.0	0.0	0.0187
0.200	-0.0560	0.0008	0.0	0.0	0.0	0.0165
0.300	-0.0560	0.0008	0.0	0.0	0.0	0.0143
0.400	-0.0560	0.0008	0.0	0.0	0.0	0.0121
0.500	-0.0560	0.0008	0.0	0.0	0.0	0.0099
0.600	-0.0560	0.0008	0.0	0.0	0.0	0.0077
0.700	-0.0560	0.0008	0.0	0.0	0.0	0.0055
0.800	-0.0560	0.0008	0.0	0.0	0.0	0.0033
0.900	-0.0560	0.0008	0.0	0.0	0.0	0.0011
1.000	-0.0560	0.0008	0.0	0.0	0.0	-0.0012

LOADING 18 R R TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.2326	0.0044	0.0	0.0	0.0	0.0970
0.100	-0.2326	0.0044	0.0	0.0	0.0	0.0845
0.200	-0.2326	0.0044	0.0	0.0	0.0	0.0721
0.300	-0.2326	0.0044	0.0	0.0	0.0	0.0596
0.400	-0.2326	0.0044	0.0	0.0	0.0	0.0471
0.500	-0.2326	0.0044	0.0	0.0	0.0	0.0346
0.600	-0.2326	0.0044	0.0	0.0	0.0	0.0221
0.700	-0.2326	0.0044	0.0	0.0	0.0	0.0096
0.800	-0.2326	0.0044	0.0	0.0	0.0	-0.0029
0.900	-0.2326	0.0044	0.0	0.0	0.0	-0.0153
1.000	-0.2326	0.0044	0.0	0.0	0.0	-0.0278

LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0891	0.0021	0.0	0.0	0.0	0.0404
0.100	-0.0891	0.0021	0.0	0.0	0.0	0.0346
0.200	-0.0891	0.0021	0.0	0.0	0.0	0.0287
0.300	-0.0891	0.0021	0.0	0.0	0.0	0.0228
0.400	-0.0891	0.0021	0.0	0.0	0.0	0.0169
0.500	-0.0891	0.0021	0.0	0.0	0.0	0.0111
0.600	-0.0891	0.0021	0.0	0.0	0.0	0.0052
0.700	-0.0891	0.0021	0.0	0.0	0.0	-0.0007
0.800	-0.0891	0.0021	0.0	0.0	0.0	-0.0065
0.900	-0.0891	0.0021	0.0	0.0	0.0	-0.0124
1.000	-0.0891	0.0021	0.0	0.0	0.0	-0.0183

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LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0202	-0.0005	0.0	0.0	0.0	-0.0099
0.100		0.0202	-0.0005	0.0	0.0	0.0	-0.0083
0.200		0.0202	-0.0005	0.0	0.0	0.0	-0.0068
0.300		0.0202	-0.0005	0.0	0.0	0.0	-0.0052
0.400		0.0202	-0.0005	0.0	0.0	0.0	-0.0037
0.500		0.0202	-0.0005	0.0	0.0	0.0	-0.0021
0.600		0.0202	-0.0005	0.0	0.0	0.0	-0.0006
0.700		0.0202	-0.0005	0.0	0.0	0.0	0.0010
0.800		0.0202	-0.0005	0.0	0.0	0.0	0.0026
0.900		0.0202	-0.0005	0.0	0.0	0.0	0.0041
1.000		0.0202	-0.0005	0.0	0.0	0.0	0.0057

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.5990	-0.0127	0.0	0.0	0.0	-0.2610
0.100		0.5990	-0.0127	0.0	0.0	0.0	-0.2249
0.200		0.5990	-0.0127	0.0	0.0	0.0	-0.1888
0.300		0.5990	-0.0127	0.0	0.0	0.0	-0.1526
0.400		0.5990	-0.0127	0.0	0.0	0.0	-0.1165
0.500		0.5990	-0.0127	0.0	0.0	0.0	-0.0804
0.600		0.5990	-0.0127	0.0	0.0	0.0	-0.0443
0.700		0.5990	-0.0127	0.0	0.0	0.0	-0.0082
0.800		0.5990	-0.0127	0.0	0.0	0.0	0.0279
0.900		0.5990	-0.0127	0.0	0.0	0.0	0.0640
1.000		0.5990	-0.0127	0.0	0.0	0.0	0.1001

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.6206	-0.0131	0.0	0.0	0.0	-0.2702
0.100		0.6206	-0.0131	0.0	0.0	0.0	-0.2328
0.200		0.6206	-0.0131	0.0	0.0	0.0	-0.1955
0.300		0.6206	-0.0131	0.0	0.0	0.0	-0.1582
0.400		0.6206	-0.0131	0.0	0.0	0.0	-0.1209
0.500		0.6206	-0.0131	0.0	0.0	0.0	-0.0836
0.600		0.6206	-0.0131	0.0	0.0	0.0	-0.0462
0.700		0.6206	-0.0131	0.0	0.0	0.0	-0.0089
0.800		0.6206	-0.0131	0.0	0.0	0.0	0.0284
0.900		0.6206	-0.0131	0.0	0.0	0.0	0.0657
1.000		0.6206	-0.0131	0.0	0.0	0.0	0.1030

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING

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0.0 FR	0.6083	0.0033	0.0	0.0	0.0	0.1554
0.100	0.6083	0.0033	0.0	0.0	0.0	0.1458
0.200	0.6083	0.0033	0.0	0.0	0.0	0.1363
0.300	0.6083	0.0033	0.0	0.0	0.0	0.1268
0.400	0.6083	0.0033	0.0	0.0	0.0	0.1172
0.500	0.6083	0.0033	0.0	0.0	0.0	0.1077
0.600	0.6083	0.0033	0.0	0.0	0.0	0.0982
0.700	0.6083	0.0033	0.0	0.0	0.0	0.0887
0.800	0.6083	0.0033	0.0	0.0	0.0	0.0791
0.900	0.6083	0.0033	0.0	0.0	0.0	0.0696
1.000	0.6083	0.0033	0.0	0.0	0.0	0.0601

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	3.1366	-0.0094	0.0	0.0	0.0	0.5310
0.100	3.1366	-0.0094	0.0	0.0	0.0	0.5578
0.200	3.1366	-0.0094	0.0	0.0	0.0	0.5847
0.300	3.1366	-0.0094	0.0	0.0	0.0	0.6115
0.400	3.1366	-0.0094	0.0	0.0	0.0	0.6384
0.500	3.1366	-0.0094	0.0	0.0	0.0	0.6652
0.600	3.1366	-0.0094	0.0	0.0	0.0	0.6921
0.700	3.1366	-0.0094	0.0	0.0	0.0	0.7189
0.800	3.1366	-0.0094	0.0	0.0	0.0	0.7458
0.900	3.1366	-0.0094	0.0	0.0	0.0	0.7726
1.000	3.1366	-0.0094	0.0	0.0	0.0	0.7995

LOADING 25 WAVE FORCE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	2.5283	-0.0128	0.0	0.0	0.0	0.3756
0.100	2.5283	-0.0128	0.0	0.0	0.0	0.4120
0.200	2.5283	-0.0128	0.0	0.0	0.0	0.4484
0.300	2.5283	-0.0128	0.0	0.0	0.0	0.4847
0.400	2.5283	-0.0128	0.0	0.0	0.0	0.5211
0.500	2.5283	-0.0128	0.0	0.0	0.0	0.5575
0.600	2.5283	-0.0128	0.0	0.0	0.0	0.5939
0.700	2.5283	-0.0128	0.0	0.0	0.0	0.6303
0.800	2.5283	-0.0128	0.0	0.0	0.0	0.6666
0.900	2.5283	-0.0128	0.0	0.0	0.0	0.7030
1.000	2.5283	-0.0128	0.0	0.0	0.0	0.7394

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.9746	1.2165	0.0	0.0	0.0	9.1487
0.100	-0.9746	1.2165	0.0	0.0	0.0	28.3092
0.200	-0.9746	1.2165	0.0	0.0	0.0	47.4699
0.300	-0.9746	1.2165	0.0	0.0	0.0	66.6307
0.400	-0.9746	1.2165	0.0	0.0	0.0	85.7915

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0.500	-0.9746	0.9635	0.0	0.0	0.0	53.1177
0.600	-0.9746	0.2047	0.0	0.0	0.0	27.6608
0.700	-0.9746	-1.0601	0.0	0.0	0.0	10.8636
0.800	-0.9746	-2.8307	0.0	0.0	0.0	4.1696
0.900	-0.9746	-5.1072	0.0	0.0	0.0	9.0221
1.000	-0.9746	-6.7160	0.0	0.0	0.0	25.7406

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-5.7446	7.2451	0.0	0.0	0.0	43.5160
0.100		-5.7446	7.0726	0.0	0.0	0.0	44.5348
0.200		-5.7446	6.3764	0.0	0.0	0.0	20.5043
0.300		-5.7446	5.1691	0.0	0.0	0.0	-0.2277
0.400		-5.7446	3.4507	0.0	0.0	0.0	-16.2028
0.500		-5.7446	1.2213	0.0	0.0	0.0	-25.9632
0.600		-5.7446	-1.5192	0.0	0.0	0.0	-28.0509
0.700		-5.7446	-4.7707	0.0	0.0	0.0	-21.0078
0.800		-5.7446	-8.5333	0.0	0.0	0.0	-3.3758
0.900		-5.7446	-12.8070	0.0	0.0	0.0	26.3029
1.000		-5.7446	-15.6165	0.0	0.0	0.0	68.3207

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.5086	-1.2404	0.0	0.0	0.0	-9.3569
0.100		-0.5086	-1.2403	0.0	0.0	0.0	-28.9964
0.200		-0.5086	-1.2404	0.0	0.0	0.0	-48.6360
0.300		-0.5086	-1.2404	0.0	0.0	0.0	-68.2755
0.400		-0.5086	-1.2404	0.0	0.0	0.0	-87.9150
0.500		-0.5086	-0.9813	0.0	0.0	0.0	-54.4673
0.600		-0.5086	-0.2041	0.0	0.0	0.0	-28.4109
0.700		-0.5086	1.0912	0.0	0.0	0.0	-11.2234
0.800		-0.5086	2.9046	0.0	0.0	0.0	-4.3834
0.900		-0.5086	5.2362	0.0	0.0	0.0	-9.3689
1.000		-0.5086	6.8838	0.0	0.0	0.0	-26.5072

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-2.2007	-7.1504	0.0	0.0	0.0	-43.2351
0.100		-2.2007	-6.9790	0.0	0.0	0.0	-44.2880
0.200		-2.2007	-6.2889	0.0	0.0	0.0	-20.5689
0.300		-2.2007	-5.0933	0.0	0.0	0.0	-0.1165
0.400		-2.2007	-3.3922	0.0	0.0	0.0	15.6271
0.500		-2.2007	-1.1857	0.0	0.0	0.0	25.2195
0.600		-2.2007	1.5263	0.0	0.0	0.0	27.2187
0.700		-2.2007	4.7438	0.0	0.0	0.0	20.1828
0.800		-2.2007	8.4668	0.0	0.0	0.0	2.6695
0.900		-2.2007	12.6952	0.0	0.0	0.0	-26.7633
1.000		-2.2007	15.4749	0.0	0.0	0.0	-68.4041

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LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.7695	-0.0123	0.0	0.0	0.0	-0.3025
0.100		0.7695	-0.0123	0.0	0.0	0.0	-0.2675
0.200		0.7695	-0.0123	0.0	0.0	0.0	-0.2325
0.300		0.7695	-0.0123	0.0	0.0	0.0	-0.1975
0.400		0.7695	-0.0123	0.0	0.0	0.0	-0.1626
0.500		0.7695	-0.0123	0.0	0.0	0.0	-0.1276
0.600		0.7695	-0.0123	0.0	0.0	0.0	-0.0926
0.700		0.7695	-0.0123	0.0	0.0	0.0	-0.0576
0.800		0.7695	-0.0123	0.0	0.0	0.0	-0.0226
0.900		0.7695	-0.0123	0.0	0.0	0.0	0.0123
1.000		0.7695	-0.0123	0.0	0.0	0.0	0.0473

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	3.4585	-0.0262	0.0	0.0	0.0	-1.1262
0.100		3.4585	-0.0262	0.0	0.0	0.0	-1.0515
0.200		3.4585	-0.0262	0.0	0.0	0.0	-0.9769
0.300		3.4585	-0.0262	0.0	0.0	0.0	-0.9022
0.400		3.4585	-0.0262	0.0	0.0	0.0	-0.8275
0.500		3.4585	-0.0262	0.0	0.0	0.0	-0.7528
0.600		3.4585	-0.0262	0.0	0.0	0.0	-0.6782
0.700		3.4585	-0.0262	0.0	0.0	0.0	-0.6035
0.800		3.4585	-0.0262	0.0	0.0	0.0	-0.5288
0.900		3.4585	-0.0262	0.0	0.0	0.0	-0.4542
1.000		3.4585	-0.0262	0.0	0.0	0.0	-0.3795

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.6098	0.0874	0.0	0.0	0.0	1.2319
0.100		0.6098	0.0874	0.0	0.0	0.0	0.9825
0.200		0.6098	0.0874	0.0	0.0	0.0	0.7330
0.300		0.6098	0.0874	0.0	0.0	0.0	0.4835
0.400		0.6098	0.0874	0.0	0.0	0.0	0.2341
0.500		0.6098	0.0874	0.0	0.0	0.0	-0.0154
0.600		0.6098	0.0874	0.0	0.0	0.0	-0.2649
0.700		0.6098	0.0874	0.0	0.0	0.0	-0.5143
0.800		0.6098	0.0874	0.0	0.0	0.0	-0.7638
0.900		0.6098	0.0874	0.0	0.0	0.0	-1.0133
1.000		0.6098	0.0874	0.0	0.0	0.0	-1.2627

MEMBER 10

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LOADING 1 DEAD LOAD

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-2.6338	-0.0109	0.0	0.0	0.0	-0.2794
0.100		-2.8964	-0.0109	0.0	0.0	0.0	-0.2485
0.200		-3.1589	-0.0109	0.0	0.0	0.0	-0.2177
0.300		-3.4215	-0.0109	0.0	0.0	0.0	-0.1868
0.400		-3.6840	-0.0109	0.0	0.0	0.0	-0.1559
0.500		-3.9465	-0.0109	0.0	0.0	0.0	-0.1251
0.600		-4.2091	-0.0109	0.0	0.0	0.0	-0.0942
0.700		-4.4716	-0.0109	0.0	0.0	0.0	-0.0633
0.800		-4.7341	-0.0109	0.0	0.0	0.0	-0.0325
0.900		-4.9967	-0.0109	0.0	0.0	0.0	-0.0016
1.000		-5.2592	-0.0109	0.0	0.0	0.0	0.0292

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-0.2213	-0.0035	0.0	0.0	0.0	-0.0818
0.100		-0.2213	-0.0035	0.0	0.0	0.0	-0.0720
0.200		-0.2213	-0.0035	0.0	0.0	0.0	-0.0622
0.300		-0.2213	-0.0035	0.0	0.0	0.0	-0.0524
0.400		-0.2213	-0.0035	0.0	0.0	0.0	-0.0426
0.500		-0.2213	-0.0035	0.0	0.0	0.0	-0.0327
0.600		-0.2213	-0.0035	0.0	0.0	0.0	-0.0229
0.700		-0.2213	-0.0035	0.0	0.0	0.0	-0.0131
0.800		-0.2213	-0.0035	0.0	0.0	0.0	-0.0033
0.900		-0.2213	-0.0035	0.0	0.0	0.0	0.0065
1.000		-0.2213	-0.0035	0.0	0.0	0.0	0.0164

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0	FR	-2.4641	-0.0454	0.0	0.0	0.0	-0.9246
0.100		-2.4641	-0.0454	0.0	0.0	0.0	-0.7966
0.200		-2.4641	-0.0454	0.0	0.0	0.0	-0.6686
0.300		-2.4641	-0.0454	0.0	0.0	0.0	-0.5405
0.400		-2.4641	-0.0454	0.0	0.0	0.0	-0.4125
0.500		-2.4641	-0.0454	0.0	0.0	0.0	-0.2845
0.600		-2.4641	-0.0454	0.0	0.0	0.0	-0.1565
0.700		-2.4641	-0.0454	0.0	0.0	0.0	-0.0284
0.800		-2.4641	-0.0454	0.0	0.0	0.0	0.0996
0.900		-2.4641	-0.0454	0.0	0.0	0.0	0.2276
1.000		-2.4641	-0.0454	0.0	0.0	0.0	0.3556

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START | FORCE | MOMENT

33003578

FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-2.6703	-0.0482	0.0	0.0	0.0	-0.9809
0.100	-2.6703	-0.0482	0.0	0.0	0.0	-0.8447
0.200	-2.6703	-0.0482	0.0	0.0	0.0	-0.7085
0.300	-2.6703	-0.0482	0.0	0.0	0.0	-0.5724
0.400	-2.6703	-0.0482	0.0	0.0	0.0	-0.4362
0.500	-2.6703	-0.0482	0.0	0.0	0.0	-0.3000
0.600	-2.6703	-0.0482	0.0	0.0	0.0	-0.1639
0.700	-2.6703	-0.0482	0.0	0.0	0.0	-0.0277
0.800	-2.6703	-0.0482	0.0	0.0	0.0	0.1085
0.900	-2.6703	-0.0482	0.0	0.0	0.0	0.2446
1.000	-2.6703	-0.0482	0.0	0.0	0.0	0.3808

LOADING 5 HS-20 #4 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-4.3160	-0.0564	0.0	0.0	0.0	-1.1352
0.100	-4.3160	-0.0564	0.0	0.0	0.0	-0.9760
0.200	-4.3160	-0.0564	0.0	0.0	0.0	-0.8168
0.300	-4.3160	-0.0564	0.0	0.0	0.0	-0.6576
0.400	-4.3160	-0.0564	0.0	0.0	0.0	-0.4984
0.500	-4.3160	-0.0564	0.0	0.0	0.0	-0.3391
0.600	-4.3160	-0.0564	0.0	0.0	0.0	-0.1799
0.700	-4.3160	-0.0564	0.0	0.0	0.0	-0.0207
0.800	-4.3160	-0.0564	0.0	0.0	0.0	0.1385
0.900	-4.3160	-0.0564	0.0	0.0	0.0	0.2977
1.000	-4.3160	-0.0564	0.0	0.0	0.0	0.4569

LOADING 6 HS-20 #5 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-6.6254	-0.0584	0.0	0.0	0.0	-1.1724
0.100	-6.6254	-0.0584	0.0	0.0	0.0	-1.0075
0.200	-6.6254	-0.0584	0.0	0.0	0.0	-0.8427
0.300	-6.6254	-0.0584	0.0	0.0	0.0	-0.6779
0.400	-6.6254	-0.0584	0.0	0.0	0.0	-0.5130
0.500	-6.6254	-0.0584	0.0	0.0	0.0	-0.3482
0.600	-6.6254	-0.0584	0.0	0.0	0.0	-0.1834
0.700	-6.6254	-0.0584	0.0	0.0	0.0	-0.0185
0.800	-6.6254	-0.0584	0.0	0.0	0.0	0.1463
0.900	-6.6254	-0.0584	0.0	0.0	0.0	0.3111
1.000	-6.6254	-0.0584	0.0	0.0	0.0	0.4760

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.9809	0.0568	0.0	0.0	0.0	1.1263
0.100	-2.9809	0.0568	0.0	0.0	0.0	0.9659
0.200	-2.9809	0.0568	0.0	0.0	0.0	0.8054
0.300	-2.9809	0.0568	0.0	0.0	0.0	0.6450

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0.400	-2.9809	0.0568	0.0	0.0	0.0	0.4846
0.500	-2.9809	0.0568	0.0	0.0	0.0	0.3242
0.600	-2.9809	0.0568	0.0	0.0	0.0	0.1638
0.700	-2.9809	0.0568	0.0	0.0	0.0	0.0034
0.800	-2.9809	0.0568	0.0	0.0	0.0	-0.1571
0.900	-2.9809	0.0568	0.0	0.0	0.0	-0.3175
1.000	-2.9809	0.0568	0.0	0.0	0.0	-0.4779

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-2.9144	0.0582	0.0	0.0	0.0	1.1534
0.100	-2.9144	0.0582	0.0	0.0	0.0	0.9891
0.200	-2.9144	0.0582	0.0	0.0	0.0	0.8248
0.300	-2.9144	0.0582	0.0	0.0	0.0	0.6605
0.400	-2.9144	0.0582	0.0	0.0	0.0	0.4962
0.500	-2.9144	0.0582	0.0	0.0	0.0	0.3319
0.600	-2.9144	0.0582	0.0	0.0	0.0	0.1676
0.700	-2.9144	0.0582	0.0	0.0	0.0	0.0033
0.800	-2.9144	0.0582	0.0	0.0	0.0	-0.1610
0.900	-2.9144	0.0582	0.0	0.0	0.0	-0.3253
1.000	-2.9144	0.0582	0.0	0.0	0.0	-0.4896

LOADING 9 HS-20 #8 LT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	0.1953	0.0052	0.0	0.0	0.0	0.0889
0.100	0.1953	0.0052	0.0	0.0	0.0	0.0743
0.200	0.1953	0.0052	0.0	0.0	0.0	0.0597
0.300	0.1953	0.0052	0.0	0.0	0.0	0.0452
0.400	0.1953	0.0052	0.0	0.0	0.0	0.0306
0.500	0.1953	0.0052	0.0	0.0	0.0	0.0160
0.600	0.1953	0.0052	0.0	0.0	0.0	0.0015
0.700	0.1953	0.0052	0.0	0.0	0.0	-0.0131
0.800	0.1953	0.0052	0.0	0.0	0.0	-0.0277
0.900	0.1953	0.0052	0.0	0.0	0.0	-0.0422
1.000	0.1953	0.0052	0.0	0.0	0.0	-0.0568

LOADING 10 HS-20 #9 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0 FR	-0.9243	-0.0177	0.0	0.0	0.0	-0.3279
0.100	-0.9243	-0.0177	0.0	0.0	0.0	-0.2778
0.200	-0.9243	-0.0177	0.0	0.0	0.0	-0.2278
0.300	-0.9243	-0.0177	0.0	0.0	0.0	-0.1778
0.400	-0.9243	-0.0177	0.0	0.0	0.0	-0.1277
0.500	-0.9243	-0.0177	0.0	0.0	0.0	-0.0777
0.600	-0.9243	-0.0177	0.0	0.0	0.0	-0.0276
0.700	-0.9243	-0.0177	0.0	0.0	0.0	0.0224
0.800	-0.9243	-0.0177	0.0	0.0	0.0	0.0724
0.900	-0.9243	-0.0177	0.0	0.0	0.0	0.1225

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1.000	-0.9243	-0.0177	0.0	0.0	0.0	0.1725

LOADING 11 HS-20 #10 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-5.1646	0.0613	0.0	0.0	0.0	1.2108
0.100	-5.1646	0.0613	0.0	0.0	0.0	1.0377
0.200	-5.1646	0.0613	0.0	0.0	0.0	0.8646
0.300	-5.1646	0.0613	0.0	0.0	0.0	0.6915
0.400	-5.1646	0.0613	0.0	0.0	0.0	0.5185
0.500	-5.1646	0.0613	0.0	0.0	0.0	0.3454
0.600	-5.1646	0.0613	0.0	0.0	0.0	0.1723
0.700	-5.1646	0.0613	0.0	0.0	0.0	-0.0008
0.800	-5.1646	0.0613	0.0	0.0	0.0	-0.1738
0.900	-5.1646	0.0613	0.0	0.0	0.0	-0.3469
1.000	-5.1646	0.0613	0.0	0.0	0.0	-0.5200

LOADING 12 HS-20 #11 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.8512	0.0594	0.0	0.0	0.0	1.1743
0.100	-2.8512	0.0594	0.0	0.0	0.0	1.0067
0.200	-2.8512	0.0594	0.0	0.0	0.0	0.8392
0.300	-2.8512	0.0594	0.0	0.0	0.0	0.6716
0.400	-2.8512	0.0594	0.0	0.0	0.0	0.5040
0.500	-2.8512	0.0594	0.0	0.0	0.0	0.3364
0.600	-2.8512	0.0594	0.0	0.0	0.0	0.1688
0.700	-2.8512	0.0594	0.0	0.0	0.0	0.0012
0.800	-2.8512	0.0594	0.0	0.0	0.0	-0.1664
0.900	-2.8512	0.0594	0.0	0.0	0.0	-0.3340
1.000	-2.8512	0.0594	0.0	0.0	0.0	-0.5016

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-1.3810	0.0521	0.0	0.0	0.0	1.0349
0.100	-1.3810	0.0521	0.0	0.0	0.0	0.8879
0.200	-1.3810	0.0521	0.0	0.0	0.0	0.7409
0.300	-1.3810	0.0521	0.0	0.0	0.0	0.5940
0.400	-1.3810	0.0521	0.0	0.0	0.0	0.4470
0.500	-1.3810	0.0521	0.0	0.0	0.0	0.3000
0.600	-1.3810	0.0521	0.0	0.0	0.0	0.1531
0.700	-1.3810	0.0521	0.0	0.0	0.0	0.0061
0.800	-1.3810	0.0521	0.0	0.0	0.0	-0.1409
0.900	-1.3810	0.0521	0.0	0.0	0.0	-0.2878
1.000	-1.3810	0.0521	0.0	0.0	0.0	-0.4348

LOADING 14 HS-20 #13 INT & MID CELLS

DISTANCE FROM START FORCE MOMENT

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FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-11.8776	-0.0001	0.0	0.0	0.0	-0.0031
0.100	-11.8776	-0.0001	0.0	0.0	0.0	-0.0029
0.200	-11.8776	-0.0001	0.0	0.0	0.0	-0.0028
0.300	-11.8776	-0.0001	0.0	0.0	0.0	-0.0026
0.400	-11.8776	-0.0001	0.0	0.0	0.0	-0.0024
0.500	-11.8776	-0.0001	0.0	0.0	0.0	-0.0023
0.600	-11.8776	-0.0001	0.0	0.0	0.0	-0.0021
0.700	-11.8776	-0.0001	0.0	0.0	0.0	-0.0020
0.800	-11.8776	-0.0001	0.0	0.0	0.0	-0.0018
0.900	-11.8776	-0.0001	0.0	0.0	0.0	-0.0016
1.000	-11.8776	-0.0001	0.0	0.0	0.0	-0.0015

LOADING 15 HS-20 #14 INT & MID CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-9.5642	-0.0020	0.0	0.0	0.0	-0.0395
0.100	-9.5642	-0.0020	0.0	0.0	0.0	-0.0339
0.200	-9.5642	-0.0020	0.0	0.0	0.0	-0.0282
0.300	-9.5642	-0.0020	0.0	0.0	0.0	-0.0226
0.400	-9.5642	-0.0020	0.0	0.0	0.0	-0.0169
0.500	-9.5642	-0.0020	0.0	0.0	0.0	-0.0113
0.600	-9.5642	-0.0020	0.0	0.0	0.0	-0.0057
0.700	-9.5642	-0.0020	0.0	0.0	0.0	-0.0000
0.800	-9.5642	-0.0020	0.0	0.0	0.0	0.0056
0.900	-9.5642	-0.0020	0.0	0.0	0.0	0.0113
1.000	-9.5642	-0.0020	0.0	0.0	0.0	0.0169

LOADING 16 HS-20 #15 LT. CANT. SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.2343	-0.0037	0.0	0.0	0.0	-0.0872
0.100	0.2343	-0.0037	0.0	0.0	0.0	-0.0767
0.200	0.2343	-0.0037	0.0	0.0	0.0	-0.0662
0.300	0.2343	-0.0037	0.0	0.0	0.0	-0.0558
0.400	0.2343	-0.0037	0.0	0.0	0.0	-0.0453
0.500	0.2343	-0.0037	0.0	0.0	0.0	-0.0348
0.600	0.2343	-0.0037	0.0	0.0	0.0	-0.0244
0.700	0.2343	-0.0037	0.0	0.0	0.0	-0.0139
0.800	0.2343	-0.0037	0.0	0.0	0.0	-0.0034
0.900	0.2343	-0.0037	0.0	0.0	0.0	0.0070
1.000	0.2343	-0.0037	0.0	0.0	0.0	0.0175

LOADING 17 HS-20 #16 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.1678	-0.0025	0.0	0.0	0.0	-0.0610
0.100	0.1678	-0.0025	0.0	0.0	0.0	-0.0540
0.200	0.1678	-0.0025	0.0	0.0	0.0	-0.0470
0.300	0.1678	-0.0025	0.0	0.0	0.0	-0.0400

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0.400	0.1678	-0.0025	0.0	0.0	0.0	-0.0330
0.500	0.1678	-0.0025	0.0	0.0	0.0	-0.0260
0.600	0.1678	-0.0025	0.0	0.0	0.0	-0.0190
0.700	0.1678	-0.0025	0.0	0.0	0.0	-0.0120
0.800	0.1678	-0.0025	0.0	0.0	0.0	-0.0050
0.900	0.1678	-0.0025	0.0	0.0	0.0	0.0020
1.000	0.1678	-0.0025	0.0	0.0	0.0	0.0090

LOADING 18 R R TRANSIT #1 RT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.6974	-0.0131	0.0	0.0	0.0	-0.2763
0.100	0.6974	-0.0131	0.0	0.0	0.0	-0.2394
0.200	0.6974	-0.0131	0.0	0.0	0.0	-0.2024
0.300	0.6974	-0.0131	0.0	0.0	0.0	-0.1655
0.400	0.6974	-0.0131	0.0	0.0	0.0	-0.1285
0.500	0.6974	-0.0131	0.0	0.0	0.0	-0.0916
0.600	0.6974	-0.0131	0.0	0.0	0.0	-0.0546
0.700	0.6974	-0.0131	0.0	0.0	0.0	-0.0177
0.800	0.6974	-0.0131	0.0	0.0	0.0	0.0192
0.900	0.6974	-0.0131	0.0	0.0	0.0	0.0562
1.000	0.6974	-0.0131	0.0	0.0	0.0	0.0931

LOADING 19 R R TRANSIT #2 INT & EXT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.2671	-0.0060	0.0	0.0	0.0	-0.1136
0.100	0.2671	-0.0060	0.0	0.0	0.0	-0.0968
0.200	0.2671	-0.0060	0.0	0.0	0.0	-0.0800
0.300	0.2671	-0.0060	0.0	0.0	0.0	-0.0632
0.400	0.2671	-0.0060	0.0	0.0	0.0	-0.0464
0.500	0.2671	-0.0060	0.0	0.0	0.0	-0.0296
0.600	0.2671	-0.0060	0.0	0.0	0.0	-0.0128
0.700	0.2671	-0.0060	0.0	0.0	0.0	0.0040
0.800	0.2671	-0.0060	0.0	0.0	0.0	0.0208
0.900	0.2671	-0.0060	0.0	0.0	0.0	0.0376
1.000	0.2671	-0.0060	0.0	0.0	0.0	0.0545

LOADING 20 R R TRANSIT #3 RT CANT & EXT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0606	0.0015	0.0	0.0	0.0	0.0271
0.100	-0.0606	0.0015	0.0	0.0	0.0	0.0228
0.200	-0.0606	0.0015	0.0	0.0	0.0	0.0185
0.300	-0.0606	0.0015	0.0	0.0	0.0	0.0142
0.400	-0.0606	0.0015	0.0	0.0	0.0	0.0100
0.500	-0.0606	0.0015	0.0	0.0	0.0	0.0057
0.600	-0.0606	0.0015	0.0	0.0	0.0	0.0014
0.700	-0.0606	0.0015	0.0	0.0	0.0	-0.0029
0.800	-0.0606	0.0015	0.0	0.0	0.0	-0.0072
0.900	-0.0606	0.0015	0.0	0.0	0.0	-0.0114

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1.000	-0.0606	0.0015	0.0	0.0	0.0	-0.0157

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-1.9817	0.0377	0.0	0.0	0.0	0.7468
0.100	-1.9817	0.0377	0.0	0.0	0.0	0.6405
0.200	-1.9817	0.0377	0.0	0.0	0.0	0.5341
0.300	-1.9817	0.0377	0.0	0.0	0.0	0.4277
0.400	-1.9817	0.0377	0.0	0.0	0.0	0.3213
0.500	-1.9817	0.0377	0.0	0.0	0.0	0.2149
0.600	-1.9817	0.0377	0.0	0.0	0.0	0.1085
0.700	-1.9817	0.0377	0.0	0.0	0.0	0.0021
0.800	-1.9817	0.0377	0.0	0.0	0.0	-0.1043
0.900	-1.9817	0.0377	0.0	0.0	0.0	-0.2106
1.000	-1.9817	0.0377	0.0	0.0	0.0	-0.3170

LOADING 22 R R TRANSIT #5 EXT & INT CELLS

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.0466	0.0389	0.0	0.0	0.0	0.7728
0.100	-2.0466	0.0389	0.0	0.0	0.0	0.6629
0.200	-2.0466	0.0389	0.0	0.0	0.0	0.5530
0.300	-2.0466	0.0389	0.0	0.0	0.0	0.4431
0.400	-2.0466	0.0389	0.0	0.0	0.0	0.3332
0.500	-2.0466	0.0389	0.0	0.0	0.0	0.2232
0.600	-2.0466	0.0389	0.0	0.0	0.0	0.1133
0.700	-2.0466	0.0389	0.0	0.0	0.0	0.0034
0.800	-2.0466	0.0389	0.0	0.0	0.0	-0.1065
0.900	-2.0466	0.0389	0.0	0.0	0.0	-0.2164
1.000	-2.0466	0.0389	0.0	0.0	0.0	-0.3263

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.1231	-0.0036	0.0	0.0	0.0	-0.1029
0.100	-0.1231	-0.0036	0.0	0.0	0.0	-0.0927
0.200	-0.1231	-0.0036	0.0	0.0	0.0	-0.0825
0.300	-0.1231	-0.0036	0.0	0.0	0.0	-0.0724
0.400	-0.1231	-0.0036	0.0	0.0	0.0	-0.0622
0.500	-0.1231	-0.0036	0.0	0.0	0.0	-0.0520
0.600	-0.1231	-0.0036	0.0	0.0	0.0	-0.0418
0.700	-0.1231	-0.0036	0.0	0.0	0.0	-0.0317
0.800	-0.1231	-0.0036	0.0	0.0	0.0	-0.0215
0.900	-0.1231	-0.0036	0.0	0.0	0.0	-0.0113
1.000	-0.1231	-0.0036	0.0	0.0	0.0	-0.0011

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

DISTANCE FORCE MOMENT

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FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-0.9539	0.0025	0.0	0.0	0.0	-0.2232
0.100	-0.9539	0.0025	0.0	0.0	0.0	-0.2303
0.200	-0.9539	0.0025	0.0	0.0	0.0	-0.2375
0.300	-0.9539	0.0025	0.0	0.0	0.0	-0.2446
0.400	-0.9539	0.0025	0.0	0.0	0.0	-0.2517
0.500	-0.9539	0.0025	0.0	0.0	0.0	-0.2589
0.600	-0.9539	0.0025	0.0	0.0	0.0	-0.2660
0.700	-0.9539	0.0025	0.0	0.0	0.0	-0.2731
0.800	-0.9539	0.0025	0.0	0.0	0.0	-0.2802
0.900	-0.9539	0.0025	0.0	0.0	0.0	-0.2874
1.000	-0.9539	0.0025	0.0	0.0	0.0	-0.2945

LOADING 25 WAVE FORCE

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.8309	0.0061	0.0	0.0	0.0	-0.1203
0.100	-0.8309	0.0061	0.0	0.0	0.0	-0.1376
0.200	-0.8309	0.0061	0.0	0.0	0.0	-0.1549
0.300	-0.8309	0.0061	0.0	0.0	0.0	-0.1722
0.400	-0.8309	0.0061	0.0	0.0	0.0	-0.1895
0.500	-0.8309	0.0061	0.0	0.0	0.0	-0.2068
0.600	-0.8309	0.0061	0.0	0.0	0.0	-0.2241
0.700	-0.8309	0.0061	0.0	0.0	0.0	-0.2415
0.800	-0.8309	0.0061	0.0	0.0	0.0	-0.2588
0.900	-0.8309	0.0061	0.0	0.0	0.0	-0.2761
1.000	-0.8309	0.0061	0.0	0.0	0.0	-0.2934

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.9037	0.0106	0.0	0.0	0.0	0.3078
0.100	0.9037	0.0106	0.0	0.0	0.0	0.2778
0.200	0.9037	0.0106	0.0	0.0	0.0	0.2478
0.300	0.9037	0.0106	0.0	0.0	0.0	0.2177
0.400	0.9037	0.0106	0.0	0.0	0.0	0.1877
0.500	0.9037	0.0106	0.0	0.0	0.0	0.1577
0.600	0.9037	0.0106	0.0	0.0	0.0	0.1277
0.700	0.9037	0.0106	0.0	0.0	0.0	0.0977
0.800	0.9037	0.0106	0.0	0.0	0.0	0.0677
0.900	0.9037	0.0106	0.0	0.0	0.0	0.0377
1.000	0.9037	0.0106	0.0	0.0	0.0	0.0077

LOADING 27 FLOOD EXTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	4.6832	0.0193	0.0	0.0	0.0	1.2543
0.100	4.6832	0.0193	0.0	0.0	0.0	1.1998
0.200	4.6832	0.0193	0.0	0.0	0.0	1.1452
0.300	4.6832	0.0193	0.0	0.0	0.0	1.0907

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0.400	4.6832	0.0193	0.0	0.0	0.0	1.0362
0.500	4.6832	0.0193	0.0	0.0	0.0	0.9817
0.600	4.6832	0.0193	0.0	0.0	0.0	0.9271
0.700	4.6832	0.0193	0.0	0.0	0.0	0.8726
0.800	4.6832	0.0193	0.0	0.0	0.0	0.8181
0.900	4.6832	0.0193	0.0	0.0	0.0	0.7635
1.000	4.6832	0.0193	0.0	0.0	0.0	0.7090

LOADING 28 FLOOD FIRST INTERIOR CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.6217	1.2266	0.0	0.0	0.0	9.1637
0.100	-0.6217	1.2266	0.0	0.0	0.0	28.3943
0.200	-0.6217	1.2266	0.0	0.0	0.0	47.6247
0.300	-0.6217	1.2266	0.0	0.0	0.0	66.8553
0.400	-0.6217	1.2266	0.0	0.0	0.0	86.0859
0.500	-0.6217	0.9703	0.0	0.0	0.0	53.3400
0.600	-0.6217	0.2013	0.0	0.0	0.0	27.8304
0.700	-0.6217	-1.0804	0.0	0.0	0.0	11.0044
0.800	-0.6217	-2.8747	0.0	0.0	0.0	4.3093
0.900	-0.6217	-5.1818	0.0	0.0	0.0	9.1923
1.000	-0.6217	-6.8121	0.0	0.0	0.0	25.9738

LOADING 29 FLOOD FIRST INTERIOR CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.8831	7.0753	0.0	0.0	0.0	42.3804
0.100	-2.8831	6.9056	0.0	0.0	0.0	43.4111
0.200	-2.8831	6.2228	0.0	0.0	0.0	20.1878
0.300	-2.8831	5.0398	0.0	0.0	0.0	0.1633
0.400	-2.8831	3.3566	0.0	0.0	0.0	-15.2510
0.500	-2.8831	1.1733	0.0	0.0	0.0	-24.6429
0.600	-2.8831	-1.5102	0.0	0.0	0.0	-26.6004
0.700	-2.8831	-4.6939	0.0	0.0	0.0	-19.7117
0.800	-2.8831	-8.3777	0.0	0.0	0.0	-2.5650
0.900	-2.8831	-12.5617	0.0	0.0	0.0	26.2518
1.000	-2.8831	-15.3122	0.0	0.0	0.0	67.0212

LOADING 30 FLOOD MIDDLE CELL 17.42 FT OF DRAFT

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.6061	-1.2247	0.0	0.0	0.0	-9.1517
0.100	-0.6061	-1.2247	0.0	0.0	0.0	-28.3879
0.200	-0.6061	-1.2247	0.0	0.0	0.0	-47.6239
0.300	-0.6061	-1.2247	0.0	0.0	0.0	-66.8601
0.400	-0.6061	-1.2247	0.0	0.0	0.0	-86.0962
0.500	-0.6061	-0.9683	0.0	0.0	0.0	-53.3559
0.600	-0.6061	-0.1993	0.0	0.0	0.0	-27.8519
0.700	-0.6061	1.0824	0.0	0.0	0.0	-11.0314
0.800	-0.6061	2.8767	0.0	0.0	0.0	-4.3419
0.900	-0.6061	5.1837	0.0	0.0	0.0	-9.2305

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1.000	-0.6061	6.8141	0.0	0.0	0.0	-26.0176

LOADING 31 FLOOD MIDDLE CELL FULL DEPTH

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.7797	-6.9957	0.0	0.0	0.0	-41.9246
0.100	-2.7797	-6.8271	0.0	0.0	0.0	-42.9359
0.200	-2.7797	-6.1507	0.0	0.0	0.0	-19.9801
0.300	-2.7797	-4.9799	0.0	0.0	0.0	-0.1900
0.400	-2.7797	-3.3148	0.0	0.0	0.0	15.0392
0.500	-2.7797	-1.1554	0.0	0.0	0.0	24.3120
0.600	-2.7797	1.4984	0.0	0.0	0.0	26.2324
0.700	-2.7797	4.6465	0.0	0.0	0.0	19.4057
0.800	-2.7797	8.2889	0.0	0.0	0.0	2.4359
0.900	-2.7797	12.4257	0.0	0.0	0.0	-26.0722
1.000	-2.7797	15.1450	0.0	0.0	0.0	-66.3976

LOADING 32 TEMPERATURE INCREASE OF 35 DEGREES ON TOP SLAB

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-0.0722	0.0034	0.0	0.0	0.0	0.0500
0.100	-0.0722	0.0034	0.0	0.0	0.0	0.0405
0.200	-0.0722	0.0034	0.0	0.0	0.0	0.0309
0.300	-0.0722	0.0034	0.0	0.0	0.0	0.0214
0.400	-0.0722	0.0034	0.0	0.0	0.0	0.0118
0.500	-0.0722	0.0034	0.0	0.0	0.0	0.0023
0.600	-0.0722	0.0034	0.0	0.0	0.0	-0.0073
0.700	-0.0722	0.0034	0.0	0.0	0.0	-0.0168
0.800	-0.0722	0.0034	0.0	0.0	0.0	-0.0264
0.900	-0.0722	0.0034	0.0	0.0	0.0	-0.0360
1.000	-0.0722	0.0034	0.0	0.0	0.0	-0.0455

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LOADING 1 DEAD LOAD

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-3.2020	0.0149	0.0	0.0	0.0	0.3528
0.100	-3.4617	0.0149	0.0	0.0	0.0	0.3112
0.200	-3.7215	0.0149	0.0	0.0	0.0	0.2695
0.300	-3.9812	0.0149	0.0	0.0	0.0	0.2279
0.400	-4.2410	0.0149	0.0	0.0	0.0	0.1863
0.500	-4.5007	0.0149	0.0	0.0	0.0	0.1446
0.600	-4.7605	0.0149	0.0	0.0	0.0	0.1030
0.700	-5.0202	0.0149	0.0	0.0	0.0	0.0613
0.800	-5.2800	0.0149	0.0	0.0	0.0	0.0197

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0.900	-5.5397	0.0149	0.0	0.0	0.0	-0.0220
1.000	-5.7995	0.0149	0.0	0.0	0.0	-0.0636

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.0794	0.0012	0.0	0.0	0.0	0.0291
0.100		0.0794	0.0012	0.0	0.0	0.0	0.0258
0.200		0.0794	0.0012	0.0	0.0	0.0	0.0224
0.300		0.0794	0.0012	0.0	0.0	0.0	0.0190
0.400		0.0794	0.0012	0.0	0.0	0.0	0.0156
0.500		0.0794	0.0012	0.0	0.0	0.0	0.0122
0.600		0.0794	0.0012	0.0	0.0	0.0	0.0088
0.700		0.0794	0.0012	0.0	0.0	0.0	0.0055
0.800		0.0794	0.0012	0.0	0.0	0.0	0.0021
0.900		0.0794	0.0012	0.0	0.0	0.0	-0.0013
1.000		0.0794	0.0012	0.0	0.0	0.0	-0.0047

LOADING 3 HS-20 #2 LT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.7957	0.0156	0.0	0.0	0.0	0.3230
0.100		0.7957	0.0156	0.0	0.0	0.0	0.2793
0.200		0.7957	0.0156	0.0	0.0	0.0	0.2356
0.300		0.7957	0.0156	0.0	0.0	0.0	0.1920
0.400		0.7957	0.0156	0.0	0.0	0.0	0.1483
0.500		0.7957	0.0156	0.0	0.0	0.0	0.1046
0.600		0.7957	0.0156	0.0	0.0	0.0	0.0610
0.700		0.7957	0.0156	0.0	0.0	0.0	0.0173
0.800		0.7957	0.0156	0.0	0.0	0.0	-0.0264
0.900		0.7957	0.0156	0.0	0.0	0.0	-0.0701
1.000		0.7957	0.0156	0.0	0.0	0.0	-0.1137

LOADING 4 HS-20 #3 LT CANT & INT CELL

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.8415	0.0166	0.0	0.0	0.0	0.3421
0.100		0.8415	0.0166	0.0	0.0	0.0	0.2957
0.200		0.8415	0.0166	0.0	0.0	0.0	0.2494
0.300		0.8415	0.0166	0.0	0.0	0.0	0.2030
0.400		0.8415	0.0166	0.0	0.0	0.0	0.1566
0.500		0.8415	0.0166	0.0	0.0	0.0	0.1102
0.600		0.8415	0.0166	0.0	0.0	0.0	0.0638
0.700		0.8415	0.0166	0.0	0.0	0.0	0.0174
0.800		0.8415	0.0166	0.0	0.0	0.0	-0.0290
0.900		0.8415	0.0166	0.0	0.0	0.0	-0.0753
1.000		0.8415	0.0166	0.0	0.0	0.0	-0.1217

LOADING 5 HS-20 #4 LT CANT & INT CELL

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DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.9494	0.0190	0.0	0.0	0.0	0.3869
0.100	0.9494	0.0190	0.0	0.0	0.0	0.3339
0.200	0.9494	0.0190	0.0	0.0	0.0	0.2810
0.300	0.9494	0.0190	0.0	0.0	0.0	0.2280
0.400	0.9494	0.0190	0.0	0.0	0.0	0.1751
0.500	0.9494	0.0190	0.0	0.0	0.0	0.1221
0.600	0.9494	0.0190	0.0	0.0	0.0	0.0691
0.700	0.9494	0.0190	0.0	0.0	0.0	0.0162
0.800	0.9494	0.0190	0.0	0.0	0.0	-0.0368
0.900	0.9494	0.0190	0.0	0.0	0.0	-0.0897
1.000	0.9494	0.0190	0.0	0.0	0.0	-0.1427

LOADING 6 HS-20 #5 LT CANT & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	0.9512	0.0188	0.0	0.0	0.0	0.3841
0.100	0.9512	0.0188	0.0	0.0	0.0	0.3315
0.200	0.9512	0.0188	0.0	0.0	0.0	0.2789
0.300	0.9512	0.0188	0.0	0.0	0.0	0.2264
0.400	0.9512	0.0188	0.0	0.0	0.0	0.1738
0.500	0.9512	0.0188	0.0	0.0	0.0	0.1213
0.600	0.9512	0.0188	0.0	0.0	0.0	0.0687
0.700	0.9512	0.0188	0.0	0.0	0.0	0.0161
0.800	0.9512	0.0188	0.0	0.0	0.0	-0.0364
0.900	0.9512	0.0188	0.0	0.0	0.0	-0.0890
1.000	0.9512	0.0188	0.0	0.0	0.0	-0.1416

LOADING 7 HS-20 #6 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.3733	-0.0434	0.0	0.0	0.0	-0.8436
0.100	-2.3733	-0.0434	0.0	0.0	0.0	-0.7224
0.200	-2.3733	-0.0434	0.0	0.0	0.0	-0.6013
0.300	-2.3733	-0.0434	0.0	0.0	0.0	-0.4801
0.400	-2.3733	-0.0434	0.0	0.0	0.0	-0.3589
0.500	-2.3733	-0.0434	0.0	0.0	0.0	-0.2377
0.600	-2.3733	-0.0434	0.0	0.0	0.0	-0.1165
0.700	-2.3733	-0.0434	0.0	0.0	0.0	0.0047
0.800	-2.3733	-0.0434	0.0	0.0	0.0	0.1258
0.900	-2.3733	-0.0434	0.0	0.0	0.0	0.2470
1.000	-2.3733	-0.0434	0.0	0.0	0.0	0.3682

LOADING 8 HS-20 #7 EXT CELL & INT CELL

DISTANCE FROM START	FORCE AXIAL	FORCE Y SHEAR	FORCE Z SHEAR	MOMENT TORSION	MOMENT Y BENDING	MOMENT Z BENDING
0.0 FR	-2.3960	-0.0439	0.0	0.0	0.0	-0.8531
0.100	-2.3960	-0.0439	0.0	0.0	0.0	-0.7306
0.200	-2.3960	-0.0439	0.0	0.0	0.0	-0.6081

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