0.300	-2.3960	-0.0439	0.0	0.0	0.0	-0.4856
0.400	-2.3960	-0.0439	0.0	0.0	0.0	-0.3630
0.500	-2.3960	-0.0439	0.0	0.0	0.0	-0.2405
0.600	-2.3960	-0.0439	0.0	0.0	0.0	-0.1180
0.700	-2.3960	-0.0439	0.0	0.0	0.0	0.0045
0.800	-2.3960	-0.0439	0.0	0.0	0.0	0.1270
0.900	-2.3960	-0.0439	0.0	0.0	0.0	0.2495
1.000	-2.3960	-0.0439	0.0	0.0	0.0	0.3720

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	-0.0633	-0.0018	0.0	0.0	0.0	-0.0303
0.100	-0.0633	-0.0018	0.0	0.0	0.0	-0.0254
0.200	-0.0633	-0.0018	0.0	0.0	0.0	-0.0205
0.300	-0.0633	-0.0018	0.0	0.0	0.0	-0.0155
0.400	-0.0633	-0.0018	0.0	0.0	0.0	-0.0106
0.500	-0.0633	-0.0018	0.0	0.0	0.0	-0.0057
0.600	-0.0633	-0.0018	0.0	0.0	0.0	-0.0007
0.700	-0.0633	-0.0018	0.0	0.0	0.0	0.0042
0.800	-0.0633	-0.0018	0.0	0.0	0.0	0.0091
0.900	-0.0633	-0.0018	0.0	0.0	0.0	0.0141
1.000	-0.0633	-0.0018	0.0	0.0	0.0	0.0190

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	0.2546	0.0061	0.0	0.0	0.0	0.1126
0.100	0.2546	0.0061	0.0	0.0	0.0	0.0957
0.200	0.2546	0.0061	0.0	0.0	0.0	0.0787
0.300	0.2546	0.0061	0.0	0.0	0.0	0.0618
0.400	0.2546	0.0061	0.0	0.0	0.0	0.0449
0.500	0.2546	0.0061	0.0	0.0	0.0	0.0279
0.600	0.2546	0.0061	0.0	0.0	0.0	0.0110
0.700	0.2546	0.0061	0.0	0.0	0.0	-0.0060
0.800	0.2546	0.0061	0.0	0.0	0.0	-0.0229
0.900	0.2546	0.0061	0.0	0.0	0.0	-0.0398
1.000	0.2546	0.0061	0.0	0.0	0.0	-0.0568

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	-2.0286	-0.0403	0.0	0.0	0.0	-0.7858
0.100	-2.0286	-0.0403	0.0	0.0	0.0	-0.6731
0.200	-2.0286	-0.0403	0.0	0.0	0.0	-0.5604
0.300	-2.0286	-0.0403	0.0	0.0	0.0	-0.4477
0.400	-2.0286	-0.0403	0.0	0.0	0.0	-0.3351
0.500	-2.0286	-0.0403	0.0	0.0	0.0	-0.2224
0.600	-2.0286	-0.0403	0.0	0.0	0.0	-0.1097
0.700	-2.0286	-0.0403	0.0	0.0	0.0	0.0030
0.800	-2.0286	-0.0403	0.0	0.0	0.0	0.1157

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0.900	-2.0286	-0.0403	0.0	0.0	0.0	0.2284
1.000	-2.0286	-0.0403	0.0	0.0	0.0	0.3410

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	-2.4113	-0.0443	0.0	0.0	0.0	-0.8601
0.100	-2.4113	-0.0443	0.0	0.0	0.0	-0.7365
0.200	-2.4113	-0.0443	0.0	0.0	0.0	-0.6129
0.300	-2.4113	-0.0443	0.0	0.0	0.0	-0.4893
0.400	-2.4113	-0.0443	0.0	0.0	0.0	-0.3657
0.500	-2.4113	-0.0443	0.0	0.0	0.0	-0.2421
0.600	-2.4113	-0.0443	0.0	0.0	0.0	-0.1185
0.700	-2.4113	-0.0443	0.0	0.0	0.0	0.0051
0.800	-2.4113	-0.0443	0.0	0.0	0.0	0.1287
0.900	-2.4113	-0.0443	0.0	0.0	0.0	0.2523
1.000	-2.4113	-0.0443	0.0	0.0	0.0	0.3759

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	-3.8813	-0.0517	0.0	0.0	0.0	-1.0003
0.100	-3.8813	-0.0517	0.0	0.0	0.0	-0.8560
0.200	-3.8813	-0.0517	0.0	0.0	0.0	-0.7117
0.300	-3.8813	-0.0517	0.0	0.0	0.0	-0.5673
0.400	-3.8813	-0.0517	0.0	0.0	0.0	-0.4230
0.500	-3.8813	-0.0517	0.0	0.0	0.0	-0.2787
0.600	-3.8813	-0.0517	0.0	0.0	0.0	-0.1344
0.700	-3.8813	-0.0517	0.0	0.0	0.0	0.0099
0.800	-3.8813	-0.0517	0.0	0.0	0.0	0.1542
0.900	-3.8813	-0.0517	0.0	0.0	0.0	0.2985
1.000	-3.8813	-0.0517	0.0	0.0	0.0	0.4428

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	-1.0577	-0.0205	0.0	0.0	0.0	-0.3883
0.100	-1.0577	-0.0205	0.0	0.0	0.0	-0.3309
0.200	-1.0577	-0.0205	0.0	0.0	0.0	-0.2736
0.300	-1.0577	-0.0205	0.0	0.0	0.0	-0.2163
0.400	-1.0577	-0.0205	0.0	0.0	0.0	-0.1590
0.500	-1.0577	-0.0205	0.0	0.0	0.0	-0.1016
0.600	-1.0577	-0.0205	0.0	0.0	0.0	-0.0443
0.700	-1.0577	-0.0205	0.0	0.0	0.0	0.0130
0.800	-1.0577	-0.0205	0.0	0.0	0.0	0.0703
0.900	-1.0577	-0.0205	0.0	0.0	0.0	0.1276
1.000	-1.0577	-0.0205	0.0	0.0	0.0	0.1850

LOADING 15 HS-20 #14 INT & MID CELLS

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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	-1.4404	-0.0244	0.0	0.0	0.0	-0.4626
0.100	-1.4404	-0.0244	0.0	0.0	0.0	-0.3943
0.200	-1.4404	-0.0244	0.0	0.0	0.0	-0.3261
0.300	-1.4404	-0.0244	0.0	0.0	0.0	-0.2578
0.400	-1.4404	-0.0244	0.0	0.0	0.0	-0.1896
0.500	-1.4404	-0.0244	0.0	0.0	0.0	-0.1214
0.600	-1.4404	-0.0244	0.0	0.0	0.0	-0.0531
0.700	-1.4404	-0.0244	0.0	0.0	0.0	0.0151
0.800	-1.4404	-0.0244	0.0	0.0	0.0	0.0834
0.900	-1.4404	-0.0244	0.0	0.0	0.0	0.1516
1.000	-1.4404	-0.0244	0.0	0.0	0.0	0.2198

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	-0.6792	0.0115	0.0	0.0	0.0	0.2571
0.100	-0.6792	0.0115	0.0	0.0	0.0	0.2250
0.200	-0.6792	0.0115	0.0	0.0	0.0	0.1930
0.300	-0.6792	0.0115	0.0	0.0	0.0	0.1609
0.400	-0.6792	0.0115	0.0	0.0	0.0	0.1288
0.500	-0.6792	0.0115	0.0	0.0	0.0	0.0968
0.600	-0.6792	0.0115	0.0	0.0	0.0	0.0647
0.700	-0.6792	0.0115	0.0	0.0	0.0	0.0326
0.800	-0.6792	0.0115	0.0	0.0	0.0	0.0006
0.900	-0.6792	0.0115	0.0	0.0	0.0	-0.0315
1.000	-0.6792	0.0115	0.0	0.0	0.0	-0.0636

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	-0.4866	0.0076	0.0	0.0	0.0	0.1790
0.100	-0.4866	0.0076	0.0	0.0	0.0	0.1577
0.200	-0.4866	0.0076	0.0	0.0	0.0	0.1363
0.300	-0.4866	0.0076	0.0	0.0	0.0	0.1150
0.400	-0.4866	0.0076	0.0	0.0	0.0	0.0936
0.500	-0.4866	0.0076	0.0	0.0	0.0	0.0723
0.600	-0.4866	0.0076	0.0	0.0	0.0	0.0509
0.700	-0.4866	0.0076	0.0	0.0	0.0	0.0295
0.800	-0.4866	0.0076	0.0	0.0	0.0	0.0082
0.900	-0.4866	0.0076	0.0	0.0	0.0	-0.0132
1.000	-0.4866	0.0076	0.0	0.0	0.0	-0.0345

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	-2.0900	0.0408	0.0	0.0	0.0	0.8244
0.100	-2.0900	0.0408	0.0	0.0	0.0	0.7105
0.200	-2.0900	0.0408	0.0	0.0	0.0	0.5966

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0.300	-2.0900	0.0408	0.0	0.0	0.0	0.4827
0.400	-2.0900	0.0408	0.0	0.0	0.0	0.3688
0.500	-2.0900	0.0408	0.0	0.0	0.0	0.2550
0.600	-2.0900	0.0408	0.0	0.0	0.0	0.1411
0.700	-2.0900	0.0408	0.0	0.0	0.0	0.0272
0.800	-2.0900	0.0408	0.0	0.0	0.0	-0.0867
0.900	-2.0900	0.0408	0.0	0.0	0.0	-0.2006
1.000	-2.0900	0.0408	0.0	0.0	0.0	-0.3145

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	-0.8432	0.0186	0.0	0.0	0.0	0.3431
0.100	-0.8432	0.0186	0.0	0.0	0.0	0.2910
0.200	-0.8432	0.0186	0.0	0.0	0.0	0.2389
0.300	-0.8432	0.0186	0.0	0.0	0.0	0.1869
0.400	-0.8432	0.0186	0.0	0.0	0.0	0.1348
0.500	-0.8432	0.0186	0.0	0.0	0.0	0.0827
0.600	-0.8432	0.0186	0.0	0.0	0.0	0.0306
0.700	-0.8432	0.0186	0.0	0.0	0.0	-0.0215
0.800	-0.8432	0.0186	0.0	0.0	0.0	-0.0735
0.900	-0.8432	0.0186	0.0	0.0	0.0	-0.1256
1.000	-0.8432	0.0186	0.0	0.0	0.0	-0.1777

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	0.1762	-0.0048	0.0	0.0	0.0	-0.0825
0.100	0.1762	-0.0048	0.0	0.0	0.0	-0.0691
0.200	0.1762	-0.0048	0.0	0.0	0.0	-0.0558
0.300	0.1762	-0.0048	0.0	0.0	0.0	-0.0425
0.400	0.1762	-0.0048	0.0	0.0	0.0	-0.0291
0.500	0.1762	-0.0048	0.0	0.0	0.0	-0.0158
0.600	0.1762	-0.0048	0.0	0.0	0.0	-0.0024
0.700	0.1762	-0.0048	0.0	0.0	0.0	0.0109
0.800	0.1762	-0.0048	0.0	0.0	0.0	0.0243
0.900	0.1762	-0.0048	0.0	0.0	0.0	0.0376
1.000	0.1762	-0.0048	0.0	0.0	0.0	0.0509

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	-5.3142	-0.0603	0.0	0.0	0.0	-1.1779
0.100	-5.3142	-0.0603	0.0	0.0	0.0	-1.0094
0.200	-5.3142	-0.0603	0.0	0.0	0.0	-0.8410
0.300	-5.3142	-0.0603	0.0	0.0	0.0	-0.6725
0.400	-5.3142	-0.0603	0.0	0.0	0.0	-0.5041
0.500	-5.3142	-0.0603	0.0	0.0	0.0	-0.3357
0.600	-5.3142	-0.0603	0.0	0.0	0.0	-0.1672
0.700	-5.3142	-0.0603	0.0	0.0	0.0	0.0012
0.800	-5.3142	-0.0603	0.0	0.0	0.0	0.1697

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0.900	-5.3142	-0.0603	0.0	0.0	0.0	0.3381
1.000	-5.3142	-0.0603	0.0	0.0	0.0	0.5066

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	-5.1251	-0.0642	0.0	0.0	0.0	-1.2555
0.100	-5.1251	-0.0642	0.0	0.0	0.0	-1.0761
0.200	-5.1251	-0.0642	0.0	0.0	0.0	-0.8968
0.300	-5.1251	-0.0642	0.0	0.0	0.0	-0.7175
0.400	-5.1251	-0.0642	0.0	0.0	0.0	-0.5381
0.500	-5.1251	-0.0642	0.0	0.0	0.0	-0.3588
0.600	-5.1251	-0.0642	0.0	0.0	0.0	-0.1795
0.700	-5.1251	-0.0642	0.0	0.0	0.0	-0.0002
0.800	-5.1251	-0.0642	0.0	0.0	0.0	0.1792
0.900	-5.1251	-0.0642	0.0	0.0	0.0	0.3585
1.000	-5.1251	-0.0642	0.0	0.0	0.0	0.5378

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	-0.1543	-0.0011	0.0	0.0	0.0	0.0383
0.100	-0.1543	-0.0011	0.0	0.0	0.0	0.0413
0.200	-0.1543	-0.0011	0.0	0.0	0.0	0.0443
0.300	-0.1543	-0.0011	0.0	0.0	0.0	0.0473
0.400	-0.1543	-0.0011	0.0	0.0	0.0	0.0503
0.500	-0.1543	-0.0011	0.0	0.0	0.0	0.0532
0.600	-0.1543	-0.0011	0.0	0.0	0.0	0.0562
0.700	-0.1543	-0.0011	0.0	0.0	0.0	0.0592
0.800	-0.1543	-0.0011	0.0	0.0	0.0	0.0622
0.900	-0.1543	-0.0011	0.0	0.0	0.0	0.0652
1.000	-0.1543	-0.0011	0.0	0.0	0.0	0.0682

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	0.0774	-0.0038	0.0	0.0	0.0	0.0767
0.100	0.0774	-0.0038	0.0	0.0	0.0	0.0874
0.200	0.0774	-0.0038	0.0	0.0	0.0	0.0981
0.300	0.0774	-0.0038	0.0	0.0	0.0	0.1088
0.400	0.0774	-0.0038	0.0	0.0	0.0	0.1195
0.500	0.0774	-0.0038	0.0	0.0	0.0	0.1302
0.600	0.0774	-0.0038	0.0	0.0	0.0	0.1409
0.700	0.0774	-0.0038	0.0	0.0	0.0	0.1516
0.800	0.0774	-0.0038	0.0	0.0	0.0	0.1623
0.900	0.0774	-0.0038	0.0	0.0	0.0	0.1730
1.000	0.0774	-0.0038	0.0	0.0	0.0	0.1836

LOADING 25 WAVE FORCE

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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	0.2317	-0.0028	0.0	0.0	0.0	0.0384
0.100	0.2317	-0.0028	0.0	0.0	0.0	0.0461
0.200	0.2317	-0.0028	0.0	0.0	0.0	0.0538
0.300	0.2317	-0.0028	0.0	0.0	0.0	0.0615
0.400	0.2317	-0.0028	0.0	0.0	0.0	0.0692
0.500	0.2317	-0.0028	0.0	0.0	0.0	0.0769
0.600	0.2317	-0.0028	0.0	0.0	0.0	0.0846
0.700	0.2317	-0.0028	0.0	0.0	0.0	0.0923
0.800	0.2317	-0.0028	0.0	0.0	0.0	0.1000
0.900	0.2317	-0.0028	0.0	0.0	0.0	0.1077
1.000	0.2317	-0.0028	0.0	0.0	0.0	0.1154

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	-0.3237	-0.0024	0.0	0.0	0.0	-0.0922
0.100	-0.3237	-0.0024	0.0	0.0	0.0	-0.0856
0.200	-0.3237	-0.0024	0.0	0.0	0.0	-0.0789
0.300	-0.3237	-0.0024	0.0	0.0	0.0	-0.0723
0.400	-0.3237	-0.0024	0.0	0.0	0.0	-0.0656
0.500	-0.3237	-0.0024	0.0	0.0	0.0	-0.0589
0.600	-0.3237	-0.0024	0.0	0.0	0.0	-0.0523
0.700	-0.3237	-0.0024	0.0	0.0	0.0	-0.0456
0.800	-0.3237	-0.0024	0.0	0.0	0.0	-0.0390
0.900	-0.3237	-0.0024	0.0	0.0	0.0	-0.0323
1.000	-0.3237	-0.0024	0.0	0.0	0.0	-0.0256

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	-1.6743	-0.0029	0.0	0.0	0.0	-0.4083
0.100	-1.6743	-0.0029	0.0	0.0	0.0	-0.4002
0.200	-1.6743	-0.0029	0.0	0.0	0.0	-0.3920
0.300	-1.6743	-0.0029	0.0	0.0	0.0	-0.3839
0.400	-1.6743	-0.0029	0.0	0.0	0.0	-0.3757
0.500	-1.6743	-0.0029	0.0	0.0	0.0	-0.3676
0.600	-1.6743	-0.0029	0.0	0.0	0.0	-0.3594
0.700	-1.6743	-0.0029	0.0	0.0	0.0	-0.3513
0.800	-1.6743	-0.0029	0.0	0.0	0.0	-0.3431
0.900	-1.6743	-0.0029	0.0	0.0	0.0	-0.3350
1.000	-1.6743	-0.0029	0.0	0.0	0.0	-0.3268

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	0.8308	0.0135	0.0	0.0	0.0	0.3192
0.100	0.8308	0.0135	0.0	0.0	0.0	0.2815
0.200	0.8308	0.0135	0.0	0.0	0.0	0.2437

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0.300	0.8308	0.0135	0.0	0.0	0.0	0.2060
0.400	0.8308	0.0135	0.0	0.0	0.0	0.1683
0.500	0.8308	0.0135	0.0	0.0	0.0	0.1305
0.600	0.8308	0.0135	0.0	0.0	0.0	0.0928
0.700	0.8308	0.0135	0.0	0.0	0.0	0.0550
0.800	0.8308	0.0135	0.0	0.0	0.0	0.0173
0.900	0.8308	0.0135	0.0	0.0	0.0	-0.0204
1.000	0.8308	0.0135	0.0	0.0	0.0	-0.0582

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	3.8470	0.0298	0.0	0.0	0.0	1.1810
0.100	3.8470	0.0298	0.0	0.0	0.0	1.0978
0.200	3.8470	0.0298	0.0	0.0	0.0	1.0146
0.300	3.8470	0.0298	0.0	0.0	0.0	0.9314
0.400	3.8470	0.0298	0.0	0.0	0.0	0.8481
0.500	3.8470	0.0298	0.0	0.0	0.0	0.7649
0.600	3.8470	0.0298	0.0	0.0	0.0	0.6817
0.700	3.8470	0.0298	0.0	0.0	0.0	0.5984
0.800	3.8470	0.0298	0.0	0.0	0.0	0.5152
0.900	3.8470	0.0298	0.0	0.0	0.0	0.4320
1.000	3.8470	0.0298	0.0	0.0	0.0	0.3488

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	-0.5700	1.2100	0.0	0.0	0.0	8.9339
0.100	-0.5700	1.2100	0.0	0.0	0.0	27.7680
0.200	-0.5700	1.2100	0.0	0.0	0.0	46.6021
0.300	-0.5700	1.2100	0.0	0.0	0.0	65.4361
0.400	-0.5700	1.2100	0.0	0.0	0.0	84.2701
0.500	-0.5700	0.9564	0.0	0.0	0.0	52.2265
0.600	-0.5700	0.1956	0.0	0.0	0.0	27.2663
0.700	-0.5700	-1.0725	0.0	0.0	0.0	10.8060
0.800	-0.5700	-2.8478	0.0	0.0	0.0	4.2625
0.900	-0.5700	-5.1303	0.0	0.0	0.0	9.0524
1.000	-0.5700	-6.7433	0.0	0.0	0.0	25.4893

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	-2.5581	6.9169	0.0	0.0	0.0	40.9430
0.100	-2.5581	6.7501	0.0	0.0	0.0	41.9451
0.200	-2.5581	6.0808	0.0	0.0	0.0	19.4875
0.300	-2.5581	4.9225	0.0	0.0	0.0	0.1280
0.400	-2.5581	3.2751	0.0	0.0	0.0	-14.7669
0.500	-2.5581	1.1386	0.0	0.0	0.0	-23.8310
0.600	-2.5581	-1.4870	0.0	0.0	0.0	-25.6983
0.700	-2.5581	-4.6016	0.0	0.0	0.0	-19.0034
0.800	-2.5581	-8.2053	0.0	0.0	0.0	-2.3799

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0.900	-2.5581	-12.2981	0.0	0.0	0.0	25.5381
1.000	-2.5581	-14.9886	0.0	0.0	0.0	65.0237

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	-0.0786	-0.0107	0.0	0.0	0.0	-0.1585
0.100	-0.0786	-0.0107	0.0	0.0	0.0	-0.1285
0.200	-0.0786	-0.0107	0.0	0.0	0.0	-0.0985
0.300	-0.0786	-0.0107	0.0	0.0	0.0	-0.0686
0.400	-0.0786	-0.0107	0.0	0.0	0.0	-0.0386
0.500	-0.0786	-0.0107	0.0	0.0	0.0	-0.0086
0.600	-0.0786	-0.0107	0.0	0.0	0.0	0.0214
0.700	-0.0786	-0.0107	0.0	0.0	0.0	0.0514
0.800	-0.0786	-0.0107	0.0	0.0	0.0	0.0814
0.900	-0.0786	-0.0107	0.0	0.0	0.0	0.1114
1.000	-0.0786	-0.0107	0.0	0.0	0.0	0.1414

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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	-0.7287	-0.0268	0.0	0.0	0.0	-0.6434
0.100	-0.9901	-0.0268	0.0	0.0	0.0	-0.5680
0.200	-1.2514	-0.0268	0.0	0.0	0.0	-0.4927
0.300	-1.5127	-0.0268	0.0	0.0	0.0	-0.4173
0.400	-1.7740	-0.0268	0.0	0.0	0.0	-0.3420
0.500	-2.0354	-0.0268	0.0	0.0	0.0	-0.2666
0.600	-2.2967	-0.0268	0.0	0.0	0.0	-0.1912
0.700	-2.5580	-0.0268	0.0	0.0	0.0	-0.1159
0.800	-2.8194	-0.0268	0.0	0.0	0.0	-0.0405
0.900	-3.0807	-0.0268	0.0	0.0	0.0	0.0349
1.000	-3.3420	-0.0268	0.0	0.0	0.0	0.1102

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	-0.0264	-0.0004	0.0	0.0	0.0	-0.0096
0.100	-0.0264	-0.0004	0.0	0.0	0.0	-0.0086
0.200	-0.0264	-0.0004	0.0	0.0	0.0	-0.0076
0.300	-0.0264	-0.0004	0.0	0.0	0.0	-0.0067
0.400	-0.0264	-0.0004	0.0	0.0	0.0	-0.0057
0.500	-0.0264	-0.0004	0.0	0.0	0.0	-0.0047
0.600	-0.0264	-0.0004	0.0	0.0	0.0	-0.0037
0.700	-0.0264	-0.0004	0.0	0.0	0.0	-0.0027

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0.800	-0.0264	-0.0004	0.0	0.0	0.0	-0.0017
0.900	-0.0264	-0.0004	0.0	0.0	0.0	-0.0007
1.000	-0.0264	-0.0004	0.0	0.0	0.0	0.0003

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	-0.2659	-0.0047	0.0	0.0	0.0	-0.1062
0.100	-0.2659	-0.0047	0.0	0.0	0.0	-0.0929
0.200	-0.2659	-0.0047	0.0	0.0	0.0	-0.0796
0.300	-0.2659	-0.0047	0.0	0.0	0.0	-0.0663
0.400	-0.2659	-0.0047	0.0	0.0	0.0	-0.0530
0.500	-0.2659	-0.0047	0.0	0.0	0.0	-0.0398
0.600	-0.2659	-0.0047	0.0	0.0	0.0	-0.0265
0.700	-0.2659	-0.0047	0.0	0.0	0.0	-0.0132
0.800	-0.2659	-0.0047	0.0	0.0	0.0	0.0001
0.900	-0.2659	-0.0047	0.0	0.0	0.0	0.0134
1.000	-0.2659	-0.0047	0.0	0.0	0.0	0.0267

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	-0.2811	-0.0050	0.0	0.0	0.0	-0.1125
0.100	-0.2811	-0.0050	0.0	0.0	0.0	-0.0984
0.200	-0.2811	-0.0050	0.0	0.0	0.0	-0.0843
0.300	-0.2811	-0.0050	0.0	0.0	0.0	-0.0701
0.400	-0.2811	-0.0050	0.0	0.0	0.0	-0.0560
0.500	-0.2811	-0.0050	0.0	0.0	0.0	-0.0419
0.600	-0.2811	-0.0050	0.0	0.0	0.0	-0.0277
0.700	-0.2811	-0.0050	0.0	0.0	0.0	-0.0136
0.800	-0.2811	-0.0050	0.0	0.0	0.0	0.0005
0.900	-0.2811	-0.0050	0.0	0.0	0.0	0.0147
1.000	-0.2811	-0.0050	0.0	0.0	0.0	0.0288

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	-0.3156	-0.0057	0.0	0.0	0.0	-0.1271
0.100	-0.3156	-0.0057	0.0	0.0	0.0	-0.1110
0.200	-0.3156	-0.0057	0.0	0.0	0.0	-0.0948
0.300	-0.3156	-0.0057	0.0	0.0	0.0	-0.0787
0.400	-0.3156	-0.0057	0.0	0.0	0.0	-0.0625
0.500	-0.3156	-0.0057	0.0	0.0	0.0	-0.0463
0.600	-0.3156	-0.0057	0.0	0.0	0.0	-0.0302
0.700	-0.3156	-0.0057	0.0	0.0	0.0	-0.0140
0.800	-0.3156	-0.0057	0.0	0.0	0.0	0.0021
0.900	-0.3156	-0.0057	0.0	0.0	0.0	0.0183
1.000	-0.3156	-0.0057	0.0	0.0	0.0	0.0344

LOADING 6 HS-20 #5 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	-0.3133	-0.0057	0.0	0.0	0.0	-0.1262
0.100	-0.3133	-0.0057	0.0	0.0	0.0	-0.1101
0.200	-0.3133	-0.0057	0.0	0.0	0.0	-0.0941
0.300	-0.3133	-0.0057	0.0	0.0	0.0	-0.0781
0.400	-0.3133	-0.0057	0.0	0.0	0.0	-0.0620
0.500	-0.3133	-0.0057	0.0	0.0	0.0	-0.0460
0.600	-0.3133	-0.0057	0.0	0.0	0.0	-0.0300
0.700	-0.3133	-0.0057	0.0	0.0	0.0	-0.0139
0.800	-0.3133	-0.0057	0.0	0.0	0.0	0.0021
0.900	-0.3133	-0.0057	0.0	0.0	0.0	0.0181
1.000	-0.3133	-0.0057	0.0	0.0	0.0	0.0342

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	0.6590	0.0133	0.0	0.0	0.0	0.2763
0.100	0.6590	0.0133	0.0	0.0	0.0	0.2389
0.200	0.6590	0.0133	0.0	0.0	0.0	0.2014
0.300	0.6590	0.0133	0.0	0.0	0.0	0.1640
0.400	0.6590	0.0133	0.0	0.0	0.0	0.1266
0.500	0.6590	0.0133	0.0	0.0	0.0	0.0891
0.600	0.6590	0.0133	0.0	0.0	0.0	0.0517
0.700	0.6590	0.0133	0.0	0.0	0.0	0.0142
0.800	0.6590	0.0133	0.0	0.0	0.0	-0.0232
0.900	0.6590	0.0133	0.0	0.0	0.0	-0.0607
1.000	0.6590	0.0133	0.0	0.0	0.0	-0.0981

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	0.6665	0.0135	0.0	0.0	0.0	0.2795
0.100	0.6665	0.0135	0.0	0.0	0.0	0.2416
0.200	0.6665	0.0135	0.0	0.0	0.0	0.2037
0.300	0.6665	0.0135	0.0	0.0	0.0	0.1659
0.400	0.6665	0.0135	0.0	0.0	0.0	0.1280
0.500	0.6665	0.0135	0.0	0.0	0.0	0.0902
0.600	0.6665	0.0135	0.0	0.0	0.0	0.0523
0.700	0.6665	0.0135	0.0	0.0	0.0	0.0145
0.800	0.6665	0.0135	0.0	0.0	0.0	-0.0234
0.900	0.6665	0.0135	0.0	0.0	0.0	-0.0612
1.000	0.6665	0.0135	0.0	0.0	0.0	-0.0991

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	0.0213	0.0006	0.0	0.0	0.0	0.0100
0.100	0.0213	0.0006	0.0	0.0	0.0	0.0084

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0.200	0.0213	0.0006	0.0	0.0	0.0	0.0068
0.300	0.0213	0.0006	0.0	0.0	0.0	0.0052
0.400	0.0213	0.0006	0.0	0.0	0.0	0.0037
0.500	0.0213	0.0006	0.0	0.0	0.0	0.0021
0.600	0.0213	0.0006	0.0	0.0	0.0	0.0005
0.700	0.0213	0.0006	0.0	0.0	0.0	-0.0010
0.800	0.0213	0.0006	0.0	0.0	0.0	-0.0026
0.900	0.0213	0.0006	0.0	0.0	0.0	-0.0042
1.000	0.0213	0.0006	0.0	0.0	0.0	-0.0058

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	-0.0852	-0.0019	0.0	0.0	0.0	-0.0369
0.100	-0.0852	-0.0019	0.0	0.0	0.0	-0.0316
0.200	-0.0852	-0.0019	0.0	0.0	0.0	-0.0263
0.300	-0.0852	-0.0019	0.0	0.0	0.0	-0.0210
0.400	-0.0852	-0.0019	0.0	0.0	0.0	-0.0158
0.500	-0.0852	-0.0019	0.0	0.0	0.0	-0.0105
0.600	-0.0852	-0.0019	0.0	0.0	0.0	-0.0052
0.700	-0.0852	-0.0019	0.0	0.0	0.0	0.0000
0.800	-0.0852	-0.0019	0.0	0.0	0.0	0.0053
0.900	-0.0852	-0.0019	0.0	0.0	0.0	0.0106
1.000	-0.0852	-0.0019	0.0	0.0	0.0	0.0159

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	0.6167	0.0124	0.0	0.0	0.0	0.2578
0.100	0.6167	0.0124	0.0	0.0	0.0	0.2230
0.200	0.6167	0.0124	0.0	0.0	0.0	0.1882
0.300	0.6167	0.0124	0.0	0.0	0.0	0.1534
0.400	0.6167	0.0124	0.0	0.0	0.0	0.1185
0.500	0.6167	0.0124	0.0	0.0	0.0	0.0837
0.600	0.6167	0.0124	0.0	0.0	0.0	0.0489
0.700	0.6167	0.0124	0.0	0.0	0.0	0.0141
0.800	0.6167	0.0124	0.0	0.0	0.0	-0.0207
0.900	0.6167	0.0124	0.0	0.0	0.0	-0.0555
1.000	0.6167	0.0124	0.0	0.0	0.0	-0.0903

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	0.6717	0.0136	0.0	0.0	0.0	0.2818
0.100	0.6717	0.0136	0.0	0.0	0.0	0.2436
0.200	0.6717	0.0136	0.0	0.0	0.0	0.2054
0.300	0.6717	0.0136	0.0	0.0	0.0	0.1672
0.400	0.6717	0.0136	0.0	0.0	0.0	0.1290
0.500	0.6717	0.0136	0.0	0.0	0.0	0.0908
0.600	0.6717	0.0136	0.0	0.0	0.0	0.0526
0.700	0.6717	0.0136	0.0	0.0	0.0	0.0144

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0.800	0.6717	0.0136	0.0	0.0	0.0	-0.0238
0.900	0.6717	0.0136	0.0	0.0	0.0	-0.0620
1.000	0.6717	0.0136	0.0	0.0	0.0	-0.1002

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	0.7662	0.0156	0.0	0.0	0.0	0.3221
0.100	0.7662	0.0156	0.0	0.0	0.0	0.2781
0.200	0.7662	0.0156	0.0	0.0	0.0	0.2342
0.300	0.7662	0.0156	0.0	0.0	0.0	0.1902
0.400	0.7662	0.0156	0.0	0.0	0.0	0.1463
0.500	0.7662	0.0156	0.0	0.0	0.0	0.1024
0.600	0.7662	0.0156	0.0	0.0	0.0	0.0584
0.700	0.7662	0.0156	0.0	0.0	0.0	0.0145
0.800	0.7662	0.0156	0.0	0.0	0.0	-0.0295
0.900	0.7662	0.0156	0.0	0.0	0.0	-0.0734
1.000	0.7662	0.0156	0.0	0.0	0.0	-0.1173

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	0.2966	0.0064	0.0	0.0	0.0	0.1272
0.100	0.2966	0.0064	0.0	0.0	0.0	0.1094
0.200	0.2966	0.0064	0.0	0.0	0.0	0.0915
0.300	0.2966	0.0064	0.0	0.0	0.0	0.0737
0.400	0.2966	0.0064	0.0	0.0	0.0	0.0558
0.500	0.2966	0.0064	0.0	0.0	0.0	0.0380
0.600	0.2966	0.0064	0.0	0.0	0.0	0.0201
0.700	0.2966	0.0064	0.0	0.0	0.0	0.0023
0.800	0.2966	0.0064	0.0	0.0	0.0	-0.0155
0.900	0.2966	0.0064	0.0	0.0	0.0	-0.0334
1.000	0.2966	0.0064	0.0	0.0	0.0	-0.0512

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	0.3517	0.0076	0.0	0.0	0.0	0.1512
0.100	0.3517	0.0076	0.0	0.0	0.0	0.1300
0.200	0.3517	0.0076	0.0	0.0	0.0	0.1087
0.300	0.3517	0.0076	0.0	0.0	0.0	0.0875
0.400	0.3517	0.0076	0.0	0.0	0.0	0.0663
0.500	0.3517	0.0076	0.0	0.0	0.0	0.0450
0.600	0.3517	0.0076	0.0	0.0	0.0	0.0238
0.700	0.3517	0.0076	0.0	0.0	0.0	0.0026
0.800	0.3517	0.0076	0.0	0.0	0.0	-0.0187
0.900	0.3517	0.0076	0.0	0.0	0.0	-0.0399
1.000	0.3517	0.0076	0.0	0.0	0.0	-0.0612

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	2.2746	-0.0354	0.0	0.0	0.0	-0.7647
0.100		2.2746	-0.0354	0.0	0.0	0.0	-0.6653
0.200		2.2746	-0.0354	0.0	0.0	0.0	-0.5658
0.300		2.2746	-0.0354	0.0	0.0	0.0	-0.4664
0.400		2.2746	-0.0354	0.0	0.0	0.0	-0.3669
0.500		2.2746	-0.0354	0.0	0.0	0.0	-0.2675
0.600		2.2746	-0.0354	0.0	0.0	0.0	-0.1680
0.700		2.2746	-0.0354	0.0	0.0	0.0	-0.0686
0.800		2.2746	-0.0354	0.0	0.0	0.0	0.0308
0.900		2.2746	-0.0354	0.0	0.0	0.0	0.1303
1.000		2.2746	-0.0354	0.0	0.0	0.0	0.2297

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	1.6128	-0.0239	0.0	0.0	0.0	-0.5350
0.100		1.6128	-0.0239	0.0	0.0	0.0	-0.4679
0.200		1.6128	-0.0239	0.0	0.0	0.0	-0.4008
0.300		1.6128	-0.0239	0.0	0.0	0.0	-0.3337
0.400		1.6128	-0.0239	0.0	0.0	0.0	-0.2666
0.500		1.6128	-0.0239	0.0	0.0	0.0	-0.1995
0.600		1.6128	-0.0239	0.0	0.0	0.0	-0.1324
0.700		1.6128	-0.0239	0.0	0.0	0.0	-0.0653
0.800		1.6128	-0.0239	0.0	0.0	0.0	0.0018
0.900		1.6128	-0.0239	0.0	0.0	0.0	0.0689
1.000		1.6128	-0.0239	0.0	0.0	0.0	0.1360

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	-4.4466	-0.0782	0.0	0.0	0.0	-1.5993
0.100		-4.4466	-0.0782	0.0	0.0	0.0	-1.3796
0.200		-4.4466	-0.0782	0.0	0.0	0.0	-1.1599
0.300		-4.4466	-0.0782	0.0	0.0	0.0	-0.9402
0.400		-4.4466	-0.0782	0.0	0.0	0.0	-0.7205
0.500		-4.4466	-0.0782	0.0	0.0	0.0	-0.5008
0.600		-4.4466	-0.0782	0.0	0.0	0.0	-0.2811
0.700		-4.4466	-0.0782	0.0	0.0	0.0	-0.0613
0.800		-4.4466	-0.0782	0.0	0.0	0.0	0.1584
0.900		-4.4466	-0.0782	0.0	0.0	0.0	0.3781
1.000		-4.4466	-0.0782	0.0	0.0	0.0	0.5978

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	-8.6990	-0.0105	0.0	0.0	0.0	-0.1713
0.100		-8.6990	-0.0105	0.0	0.0	0.0	-0.1418

0.200	-8.6990	-0.0105	0.0	0.0	0.0	-0.1123
0.300	-8.6990	-0.0105	0.0	0.0	0.0	-0.0828
0.400	-8.6990	-0.0105	0.0	0.0	0.0	-0.0533
0.500	-8.6990	-0.0105	0.0	0.0	0.0	-0.0238
0.600	-8.6990	-0.0105	0.0	0.0	0.0	0.0056
0.700	-8.6990	-0.0105	0.0	0.0	0.0	0.0351
0.800	-8.6990	-0.0105	0.0	0.0	0.0	0.0646
0.900	-8.6990	-0.0105	0.0	0.0	0.0	0.0941
1.000	-8.6990	-0.0105	0.0	0.0	0.0	0.1236

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	-0.9341	0.0140	0.0	0.0	0.0	0.2432
0.100	-0.9341	0.0140	0.0	0.0	0.0	0.2038
0.200	-0.9341	0.0140	0.0	0.0	0.0	0.1643
0.300	-0.9341	0.0140	0.0	0.0	0.0	0.1248
0.400	-0.9341	0.0140	0.0	0.0	0.0	0.0854
0.500	-0.9341	0.0140	0.0	0.0	0.0	0.0459
0.600	-0.9341	0.0140	0.0	0.0	0.0	0.0064
0.700	-0.9341	0.0140	0.0	0.0	0.0	-0.0330
0.800	-0.9341	0.0140	0.0	0.0	0.0	-0.0725
0.900	-0.9341	0.0140	0.0	0.0	0.0	-0.1119
1.000	-0.9341	0.0140	0.0	0.0	0.0	-0.1514

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	-1.4573	0.0490	0.0	0.0	0.0	1.0054
0.100	-1.4573	0.0490	0.0	0.0	0.0	0.8677
0.200	-1.4573	0.0490	0.0	0.0	0.0	0.7300
0.300	-1.4573	0.0490	0.0	0.0	0.0	0.5923
0.400	-1.4573	0.0490	0.0	0.0	0.0	0.4546
0.500	-1.4573	0.0490	0.0	0.0	0.0	0.3169
0.600	-1.4573	0.0490	0.0	0.0	0.0	0.1793
0.700	-1.4573	0.0490	0.0	0.0	0.0	0.0416
0.800	-1.4573	0.0490	0.0	0.0	0.0	-0.0961
0.900	-1.4573	0.0490	0.0	0.0	0.0	-0.2338
1.000	-1.4573	0.0490	0.0	0.0	0.0	-0.3715

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	-2.3642	0.0609	0.0	0.0	0.0	1.2381
0.100	-2.3642	0.0609	0.0	0.0	0.0	1.0670
0.200	-2.3642	0.0609	0.0	0.0	0.0	0.8959
0.300	-2.3642	0.0609	0.0	0.0	0.0	0.7248
0.400	-2.3642	0.0609	0.0	0.0	0.0	0.5537
0.500	-2.3642	0.0609	0.0	0.0	0.0	0.3826
0.600	-2.3642	0.0609	0.0	0.0	0.0	0.2115
0.700	-2.3642	0.0609	0.0	0.0	0.0	0.0404

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0.800	-2.3642	0.0609	0.0	0.0	0.0	-0.1307
0.900	-2.3642	0.0609	0.0	0.0	0.0	-0.3018
1.000	-2.3642	0.0609	0.0	0.0	0.0	-0.4729

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	0.6050	-0.0084	0.0	0.0	0.0	-0.2303
0.100	0.6050	-0.0084	0.0	0.0	0.0	-0.2066
0.200	0.6050	-0.0084	0.0	0.0	0.0	-0.1829
0.300	0.6050	-0.0084	0.0	0.0	0.0	-0.1593
0.400	0.6050	-0.0084	0.0	0.0	0.0	-0.1356
0.500	0.6050	-0.0084	0.0	0.0	0.0	-0.1119
0.600	0.6050	-0.0084	0.0	0.0	0.0	-0.0882
0.700	0.6050	-0.0084	0.0	0.0	0.0	-0.0645
0.800	0.6050	-0.0084	0.0	0.0	0.0	-0.0408
0.900	0.6050	-0.0084	0.0	0.0	0.0	-0.0171
1.000	0.6050	-0.0084	0.0	0.0	0.0	0.0066

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	0.5619	-0.0067	0.0	0.0	0.0	-0.2461
0.100	0.5619	-0.0067	0.0	0.0	0.0	-0.2274
0.200	0.5619	-0.0067	0.0	0.0	0.0	-0.2086
0.300	0.5619	-0.0067	0.0	0.0	0.0	-0.1899
0.400	0.5619	-0.0067	0.0	0.0	0.0	-0.1711
0.500	0.5619	-0.0067	0.0	0.0	0.0	-0.1523
0.600	0.5619	-0.0067	0.0	0.0	0.0	-0.1336
0.700	0.5619	-0.0067	0.0	0.0	0.0	-0.1148
0.800	0.5619	-0.0067	0.0	0.0	0.0	-0.0961
0.900	0.5619	-0.0067	0.0	0.0	0.0	-0.0773
1.000	0.5619	-0.0067	0.0	0.0	0.0	-0.0586

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	-0.0431	0.0018	0.0	0.0	0.0	-0.0158
0.100	-0.0431	0.0018	0.0	0.0	0.0	-0.0207
0.200	-0.0431	0.0018	0.0	0.0	0.0	-0.0257
0.300	-0.0431	0.0018	0.0	0.0	0.0	-0.0306
0.400	-0.0431	0.0018	0.0	0.0	0.0	-0.0355
0.500	-0.0431	0.0018	0.0	0.0	0.0	-0.0405
0.600	-0.0431	0.0018	0.0	0.0	0.0	-0.0454
0.700	-0.0431	0.0018	0.0	0.0	0.0	-0.0503
0.800	-0.0431	0.0018	0.0	0.0	0.0	-0.0553
0.900	-0.0431	0.0018	0.0	0.0	0.0	-0.0602
1.000	-0.0431	0.0018	0.0	0.0	0.0	-0.0651

LOADING 26 FLOOD EXTERIOR CELL 17.42 FT OF DRAFT

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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	0.1044	0.0020	0.0	0.0	0.0	0.0503
0.100	0.1044	0.0020	0.0	0.0	0.0	0.0448
0.200	0.1044	0.0020	0.0	0.0	0.0	0.0392
0.300	0.1044	0.0020	0.0	0.0	0.0	0.0337
0.400	0.1044	0.0020	0.0	0.0	0.0	0.0282
0.500	0.1044	0.0020	0.0	0.0	0.0	0.0227
0.600	0.1044	0.0020	0.0	0.0	0.0	0.0171
0.700	0.1044	0.0020	0.0	0.0	0.0	0.0116
0.800	0.1044	0.0020	0.0	0.0	0.0	0.0061
0.900	0.1044	0.0020	0.0	0.0	0.0	0.0005
1.000	0.1044	0.0020	0.0	0.0	0.0	-0.0050

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	0.5497	0.0028	0.0	0.0	0.0	0.1824
0.100	0.5497	0.0028	0.0	0.0	0.0	0.1744
0.200	0.5497	0.0028	0.0	0.0	0.0	0.1664
0.300	0.5497	0.0028	0.0	0.0	0.0	0.1584
0.400	0.5497	0.0028	0.0	0.0	0.0	0.1504
0.500	0.5497	0.0028	0.0	0.0	0.0	0.1424
0.600	0.5497	0.0028	0.0	0.0	0.0	0.1344
0.700	0.5497	0.0028	0.0	0.0	0.0	0.1264
0.800	0.5497	0.0028	0.0	0.0	0.0	0.1184
0.900	0.5497	0.0028	0.0	0.0	0.0	0.1104
1.000	0.5497	0.0028	0.0	0.0	0.0	0.1024

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	-0.2836	-0.0025	0.0	0.0	0.0	-0.0847
0.100	-0.2836	-0.0025	0.0	0.0	0.0	-0.0778
0.200	-0.2836	-0.0025	0.0	0.0	0.0	-0.0708
0.300	-0.2836	-0.0025	0.0	0.0	0.0	-0.0639
0.400	-0.2836	-0.0025	0.0	0.0	0.0	-0.0570
0.500	-0.2836	-0.0025	0.0	0.0	0.0	-0.0501
0.600	-0.2836	-0.0025	0.0	0.0	0.0	-0.0431
0.700	-0.2836	-0.0025	0.0	0.0	0.0	-0.0362
0.800	-0.2836	-0.0025	0.0	0.0	0.0	-0.0293
0.900	-0.2836	-0.0025	0.0	0.0	0.0	-0.0223
1.000	-0.2836	-0.0025	0.0	0.0	0.0	-0.0154

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	-1.3018	-0.0036	0.0	0.0	0.0	-0.3461
0.100	-1.3018	-0.0036	0.0	0.0	0.0	-0.3360

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0.200	-1.3018	-0.0036	0.0	0.0	0.0	-0.3260
0.300	-1.3018	-0.0036	0.0	0.0	0.0	-0.3159
0.400	-1.3018	-0.0036	0.0	0.0	0.0	-0.3058
0.500	-1.3018	-0.0036	0.0	0.0	0.0	-0.2958
0.600	-1.3018	-0.0036	0.0	0.0	0.0	-0.2857
0.700	-1.3018	-0.0036	0.0	0.0	0.0	-0.2756
0.800	-1.3018	-0.0036	0.0	0.0	0.0	-0.2656
0.900	-1.3018	-0.0036	0.0	0.0	0.0	-0.2555
1.000	-1.3018	-0.0036	0.0	0.0	0.0	-0.2454

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	0.7594	0.0133	0.0	0.0	0.0	0.3123
0.100	0.7594	0.0133	0.0	0.0	0.0	0.2751
0.200	0.7594	0.0133	0.0	0.0	0.0	0.2378
0.300	0.7594	0.0133	0.0	0.0	0.0	0.2006
0.400	0.7594	0.0133	0.0	0.0	0.0	0.1633
0.500	0.7594	0.0133	0.0	0.0	0.0	0.1261
0.600	0.7594	0.0133	0.0	0.0	0.0	0.0888
0.700	0.7594	0.0133	0.0	0.0	0.0	0.0516
0.800	0.7594	0.0133	0.0	0.0	0.0	0.0143
0.900	0.7594	0.0133	0.0	0.0	0.0	-0.0230
1.000	0.7594	0.0133	0.0	0.0	0.0	-0.0602

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	3.4250	0.0263	0.0	0.0	0.0	1.1233
0.100	3.4250	0.0263	0.0	0.0	0.0	1.0495
0.200	3.4250	0.0263	0.0	0.0	0.0	0.9756
0.300	3.4250	0.0263	0.0	0.0	0.0	0.9018
0.400	3.4250	0.0263	0.0	0.0	0.0	0.8279
0.500	3.4250	0.0263	0.0	0.0	0.0	0.7541
0.600	3.4250	0.0263	0.0	0.0	0.0	0.6802
0.700	3.4250	0.0263	0.0	0.0	0.0	0.6063
0.800	3.4250	0.0263	0.0	0.0	0.0	0.5325
0.900	3.4250	0.0263	0.0	0.0	0.0	0.4586
1.000	3.4250	0.0263	0.0	0.0	0.0	0.3848

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	0.5656	-0.0954	0.0	0.0	0.0	-1.3212
0.100	0.5656	-0.0954	0.0	0.0	0.0	-1.0531
0.200	0.5656	-0.0954	0.0	0.0	0.0	-0.7850
0.300	0.5656	-0.0954	0.0	0.0	0.0	-0.5169
0.400	0.5656	-0.0954	0.0	0.0	0.0	-0.2489
0.500	0.5656	-0.0954	0.0	0.0	0.0	0.0192
0.600	0.5656	-0.0954	0.0	0.0	0.0	0.2873
0.700	0.5656	-0.0954	0.0	0.0	0.0	0.5554

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0.800	0.5656	-0.0954	0.0	0.0	0.0	0.8234
0.900	0.5656	-0.0954	0.0	0.0	0.0	1.0915
1.000	0.5656	-0.0954	0.0	0.0	0.0	1.3596

MEMBER 13

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	-5.7984	0.2124	0.0	0.0	0.0	4.7746
0.100	-6.3488	0.2124	0.0	0.0	0.0	4.1623
0.200	-6.7990	0.2124	0.0	0.0	0.0	3.5500
0.300	-7.1823	0.2124	0.0	0.0	0.0	2.9378
0.400	-7.5656	0.2124	0.0	0.0	0.0	2.3255
0.500	-7.9489	0.2124	0.0	0.0	0.0	1.7132
0.600	-8.3322	0.2124	0.0	0.0	0.0	1.1009
0.700	-8.7155	0.2124	0.0	0.0	0.0	0.4887
0.800	-9.0988	0.2124	0.0	0.0	0.0	-0.1236
0.900	-9.5490	0.2124	0.0	0.0	0.0	-0.7359
1.000	-10.0994	0.2124	0.0	0.0	0.0	-1.3481

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	0.0061	0.0006	0.0	0.0	0.0	0.0168
0.100	0.0061	0.0006	0.0	0.0	0.0	0.0151
0.200	0.0061	0.0006	0.0	0.0	0.0	0.0134
0.300	0.0061	0.0006	0.0	0.0	0.0	0.0116
0.400	0.0061	0.0006	0.0	0.0	0.0	0.0099
0.500	0.0061	0.0006	0.0	0.0	0.0	0.0082
0.600	0.0061	0.0006	0.0	0.0	0.0	0.0065
0.700	0.0061	0.0006	0.0	0.0	0.0	0.0047
0.800	0.0061	0.0006	0.0	0.0	0.0	0.0030
0.900	0.0061	0.0006	0.0	0.0	0.0	0.0013
1.000	0.0061	0.0006	0.0	0.0	0.0	-0.0005

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	0.0624	0.0085	0.0	0.0	0.0	0.1915
0.100	0.0624	0.0085	0.0	0.0	0.0	0.1670
0.200	0.0624	0.0085	0.0	0.0	0.0	0.1425
0.300	0.0624	0.0085	0.0	0.0	0.0	0.1180
0.400	0.0624	0.0085	0.0	0.0	0.0	0.0935
0.500	0.0624	0.0085	0.0	0.0	0.0	0.0690
0.600	0.0624	0.0085	0.0	0.0	0.0	0.0445

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0.700	0.0624	0.0085	0.0	0.0	0.0	0.0200
0.800	0.0624	0.0085	0.0	0.0	0.0	-0.0045
0.900	0.0624	0.0085	0.0	0.0	0.0	-0.0290
1.000	0.0624	0.0085	0.0	0.0	0.0	-0.0535

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	0.0660	0.0090	0.0	0.0	0.0	0.2029
0.100	0.0660	0.0090	0.0	0.0	0.0	0.1769
0.200	0.0660	0.0090	0.0	0.0	0.0	0.1508
0.300	0.0660	0.0090	0.0	0.0	0.0	0.1247
0.400	0.0660	0.0090	0.0	0.0	0.0	0.0987
0.500	0.0660	0.0090	0.0	0.0	0.0	0.0726
0.600	0.0660	0.0090	0.0	0.0	0.0	0.0465
0.700	0.0660	0.0090	0.0	0.0	0.0	0.0205
0.800	0.0660	0.0090	0.0	0.0	0.0	-0.0056
0.900	0.0660	0.0090	0.0	0.0	0.0	-0.0316
1.000	0.0660	0.0090	0.0	0.0	0.0	-0.0577

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	0.0742	0.0104	0.0	0.0	0.0	0.2298
0.100	0.0742	0.0104	0.0	0.0	0.0	0.1999
0.200	0.0742	0.0104	0.0	0.0	0.0	0.1700
0.300	0.0742	0.0104	0.0	0.0	0.0	0.1401
0.400	0.0742	0.0104	0.0	0.0	0.0	0.1102
0.500	0.0742	0.0104	0.0	0.0	0.0	0.0803
0.600	0.0742	0.0104	0.0	0.0	0.0	0.0504
0.700	0.0742	0.0104	0.0	0.0	0.0	0.0205
0.800	0.0742	0.0104	0.0	0.0	0.0	-0.0094
0.900	0.0742	0.0104	0.0	0.0	0.0	-0.0393
1.000	0.0742	0.0104	0.0	0.0	0.0	-0.0692

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	0.0737	0.0103	0.0	0.0	0.0	0.2280
0.100	0.0737	0.0103	0.0	0.0	0.0	0.1984
0.200	0.0737	0.0103	0.0	0.0	0.0	0.1687
0.300	0.0737	0.0103	0.0	0.0	0.0	0.1390
0.400	0.0737	0.0103	0.0	0.0	0.0	0.1094
0.500	0.0737	0.0103	0.0	0.0	0.0	0.0797
0.600	0.0737	0.0103	0.0	0.0	0.0	0.0501
0.700	0.0737	0.0103	0.0	0.0	0.0	0.0204
0.800	0.0737	0.0103	0.0	0.0	0.0	-0.0092
0.900	0.0737	0.0103	0.0	0.0	0.0	-0.0389
1.000	0.0737	0.0103	0.0	0.0	0.0	-0.0685

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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	-0.1553	-0.0238	0.0	0.0	0.0	-0.4971
0.100		-0.1553	-0.0238	0.0	0.0	0.0	-0.4284
0.200		-0.1553	-0.0238	0.0	0.0	0.0	-0.3598
0.300		-0.1553	-0.0238	0.0	0.0	0.0	-0.2911
0.400		-0.1553	-0.0238	0.0	0.0	0.0	-0.2224
0.500		-0.1553	-0.0238	0.0	0.0	0.0	-0.1537
0.600		-0.1553	-0.0238	0.0	0.0	0.0	-0.0850
0.700		-0.1553	-0.0238	0.0	0.0	0.0	-0.0163
0.800		-0.1553	-0.0238	0.0	0.0	0.0	0.0524
0.900		-0.1553	-0.0238	0.0	0.0	0.0	0.1211
1.000		-0.1553	-0.0238	0.0	0.0	0.0	0.1898

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	-0.1571	-0.0241	0.0	0.0	0.0	-0.5028
0.100		-0.1571	-0.0241	0.0	0.0	0.0	-0.4333
0.200		-0.1571	-0.0241	0.0	0.0	0.0	-0.3639
0.300		-0.1571	-0.0241	0.0	0.0	0.0	-0.2944
0.400		-0.1571	-0.0241	0.0	0.0	0.0	-0.2250
0.500		-0.1571	-0.0241	0.0	0.0	0.0	-0.1555
0.600		-0.1571	-0.0241	0.0	0.0	0.0	-0.0861
0.700		-0.1571	-0.0241	0.0	0.0	0.0	-0.0166
0.800		-0.1571	-0.0241	0.0	0.0	0.0	0.0528
0.900		-0.1571	-0.0241	0.0	0.0	0.0	0.1223
1.000		-0.1571	-0.0241	0.0	0.0	0.0	0.1918

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	-0.0051	-0.0010	0.0	0.0	0.0	-0.0186
0.100		-0.0051	-0.0010	0.0	0.0	0.0	-0.0156
0.200		-0.0051	-0.0010	0.0	0.0	0.0	-0.0125
0.300		-0.0051	-0.0010	0.0	0.0	0.0	-0.0095
0.400		-0.0051	-0.0010	0.0	0.0	0.0	-0.0065
0.500		-0.0051	-0.0010	0.0	0.0	0.0	-0.0035
0.600		-0.0051	-0.0010	0.0	0.0	0.0	-0.0005
0.700		-0.0051	-0.0010	0.0	0.0	0.0	0.0025
0.800		-0.0051	-0.0010	0.0	0.0	0.0	0.0055
0.900		-0.0051	-0.0010	0.0	0.0	0.0	0.0085
1.000		-0.0051	-0.0010	0.0	0.0	0.0	0.0115

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	0.0203	0.0035	0.0	0.0	0.0	0.0682

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0.100	0.0203	0.0035	0.0	0.0	0.0	0.0581
0.200	0.0203	0.0035	0.0	0.0	0.0	0.0481
0.300	0.0203	0.0035	0.0	0.0	0.0	0.0381
0.400	0.0203	0.0035	0.0	0.0	0.0	0.0281
0.500	0.0203	0.0035	0.0	0.0	0.0	0.0180
0.600	0.0203	0.0035	0.0	0.0	0.0	0.0080
0.700	0.0203	0.0035	0.0	0.0	0.0	-0.0020
0.800	0.0203	0.0035	0.0	0.0	0.0	-0.0121
0.900	0.0203	0.0035	0.0	0.0	0.0	-0.0221
1.000	0.0203	0.0035	0.0	0.0	0.0	-0.0321

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	-0.1456	-0.0224	0.0	0.0	0.0	-0.4667
0.100	-0.1456	-0.0224	0.0	0.0	0.0	-0.4023
0.200	-0.1456	-0.0224	0.0	0.0	0.0	-0.3378
0.300	-0.1456	-0.0224	0.0	0.0	0.0	-0.2734
0.400	-0.1456	-0.0224	0.0	0.0	0.0	-0.2089
0.500	-0.1456	-0.0224	0.0	0.0	0.0	-0.1445
0.600	-0.1456	-0.0224	0.0	0.0	0.0	-0.0800
0.700	-0.1456	-0.0224	0.0	0.0	0.0	-0.0156
0.800	-0.1456	-0.0224	0.0	0.0	0.0	0.0489
0.900	-0.1456	-0.0224	0.0	0.0	0.0	0.1133
1.000	-0.1456	-0.0224	0.0	0.0	0.0	0.1778

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	-0.1583	-0.0243	0.0	0.0	0.0	-0.5070
0.100	-0.1583	-0.0243	0.0	0.0	0.0	-0.4369
0.200	-0.1583	-0.0243	0.0	0.0	0.0	-0.3668
0.300	-0.1583	-0.0243	0.0	0.0	0.0	-0.2967
0.400	-0.1583	-0.0243	0.0	0.0	0.0	-0.2266
0.500	-0.1583	-0.0243	0.0	0.0	0.0	-0.1565
0.600	-0.1583	-0.0243	0.0	0.0	0.0	-0.0864
0.700	-0.1583	-0.0243	0.0	0.0	0.0	-0.0163
0.800	-0.1583	-0.0243	0.0	0.0	0.0	0.0538
0.900	-0.1583	-0.0243	0.0	0.0	0.0	0.1239
1.000	-0.1583	-0.0243	0.0	0.0	0.0	0.1940

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	-0.1794	-0.0276	0.0	0.0	0.0	-0.5736
0.100	-0.1794	-0.0276	0.0	0.0	0.0	-0.4942
0.200	-0.1794	-0.0276	0.0	0.0	0.0	-0.4147
0.300	-0.1794	-0.0276	0.0	0.0	0.0	-0.3352
0.400	-0.1794	-0.0276	0.0	0.0	0.0	-0.2558
0.500	-0.1794	-0.0276	0.0	0.0	0.0	-0.1763
0.600	-0.1794	-0.0276	0.0	0.0	0.0	-0.0968

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0.700	-0.1794	-0.0276	0.0	0.0	0.0	-0.0174
0.800	-0.1794	-0.0276	0.0	0.0	0.0	0.0621
0.900	-0.1794	-0.0276	0.0	0.0	0.0	0.1416
1.000	-0.1794	-0.0276	0.0	0.0	0.0	0.2210

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	-0.0702	-0.0114	0.0	0.0	0.0	-0.2301
0.100	-0.0702	-0.0114	0.0	0.0	0.0	-0.1971
0.200	-0.0702	-0.0114	0.0	0.0	0.0	-0.1642
0.300	-0.0702	-0.0114	0.0	0.0	0.0	-0.1312
0.400	-0.0702	-0.0114	0.0	0.0	0.0	-0.0983
0.500	-0.0702	-0.0114	0.0	0.0	0.0	-0.0653
0.600	-0.0702	-0.0114	0.0	0.0	0.0	-0.0323
0.700	-0.0702	-0.0114	0.0	0.0	0.0	0.0006
0.800	-0.0702	-0.0114	0.0	0.0	0.0	0.0336
0.900	-0.0702	-0.0114	0.0	0.0	0.0	0.0665
1.000	-0.0702	-0.0114	0.0	0.0	0.0	0.0995

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	-0.0829	-0.0134	0.0	0.0	0.0	-0.2704
0.100	-0.0829	-0.0134	0.0	0.0	0.0	-0.2318
0.200	-0.0829	-0.0134	0.0	0.0	0.0	-0.1931
0.300	-0.0829	-0.0134	0.0	0.0	0.0	-0.1545
0.400	-0.0829	-0.0134	0.0	0.0	0.0	-0.1159
0.500	-0.0829	-0.0134	0.0	0.0	0.0	-0.0773
0.600	-0.0829	-0.0134	0.0	0.0	0.0	-0.0387
0.700	-0.0829	-0.0134	0.0	0.0	0.0	-0.0001
0.800	-0.0829	-0.0134	0.0	0.0	0.0	0.0385
0.900	-0.0829	-0.0134	0.0	0.0	0.0	0.0771
1.000	-0.0829	-0.0134	0.0	0.0	0.0	0.1157

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	-4.2894	0.3443	0.0	0.0	0.0	6.7838
0.100	-4.2894	0.3443	0.0	0.0	0.0	5.7915
0.200	-4.2894	0.3443	0.0	0.0	0.0	4.7991
0.300	-4.2894	0.3443	0.0	0.0	0.0	3.8068
0.400	-4.2894	0.3443	0.0	0.0	0.0	2.8145
0.500	-4.2894	0.3443	0.0	0.0	0.0	1.8221
0.600	-4.2894	0.3443	0.0	0.0	0.0	0.8298
0.700	-4.2894	0.3443	0.0	0.0	0.0	-0.1625
0.800	-4.2894	0.3443	0.0	0.0	0.0	-1.1549
0.900	-4.2894	0.3443	0.0	0.0	0.0	-2.1472
1.000	-4.2894	0.3443	0.0	0.0	0.0	-3.1395

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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	-7.8407	0.3085	0.0	0.0	0.0	6.0729
0.100		-7.8407	0.3085	0.0	0.0	0.0	5.1838
0.200		-7.8407	0.3085	0.0	0.0	0.0	4.2946
0.300		-7.8407	0.3085	0.0	0.0	0.0	3.4054
0.400		-7.8407	0.3085	0.0	0.0	0.0	2.5162
0.500		-7.8407	0.3085	0.0	0.0	0.0	1.6270
0.600		-7.8407	0.3085	0.0	0.0	0.0	0.7379
0.700		-7.8407	0.3085	0.0	0.0	0.0	-0.1513
0.800		-7.8407	0.3085	0.0	0.0	0.0	-1.0405
0.900		-7.8407	0.3085	0.0	0.0	0.0	-1.9296
1.000		-7.8407	0.3085	0.0	0.0	0.0	-2.8188

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	-4.4816	0.3882	0.0	0.0	0.0	7.6811
0.100		-4.4816	0.3882	0.0	0.0	0.0	6.5624
0.200		-4.4816	0.3882	0.0	0.0	0.0	5.4436
0.300		-4.4816	0.3882	0.0	0.0	0.0	4.3248
0.400		-4.4816	0.3882	0.0	0.0	0.0	3.2061
0.500		-4.4816	0.3882	0.0	0.0	0.0	2.0873
0.600		-4.4816	0.3882	0.0	0.0	0.0	0.9686
0.700		-4.4816	0.3882	0.0	0.0	0.0	-0.1502
0.800		-4.4816	0.3882	0.0	0.0	0.0	-1.2690
0.900		-4.4816	0.3882	0.0	0.0	0.0	-2.3877
1.000		-4.4816	0.3882	0.0	0.0	0.0	-3.5065

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	-3.9867	-0.1309	0.0	0.0	0.0	-2.5568
0.100		-3.9867	-0.1309	0.0	0.0	0.0	-2.1795
0.200		-3.9867	-0.1309	0.0	0.0	0.0	-1.8022
0.300		-3.9867	-0.1309	0.0	0.0	0.0	-1.4249
0.400		-3.9867	-0.1309	0.0	0.0	0.0	-1.0476
0.500		-3.9867	-0.1309	0.0	0.0	0.0	-0.6703
0.600		-3.9867	-0.1309	0.0	0.0	0.0	-0.2930
0.700		-3.9867	-0.1309	0.0	0.0	0.0	0.0842
0.800		-3.9867	-0.1309	0.0	0.0	0.0	0.4615
0.900		-3.9867	-0.1309	0.0	0.0	0.0	0.8388
1.000		-3.9867	-0.1309	0.0	0.0	0.0	1.2161

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	-7.5970	0.1051	0.0	0.0	0.0	2.0513

33003612

0.100	-7.5970	0.1051	0.0	0.0	0.0	1.7484
0.200	-7.5970	0.1051	0.0	0.0	0.0	1.4456
0.300	-7.5970	0.1051	0.0	0.0	0.0	1.1427
0.400	-7.5970	0.1051	0.0	0.0	0.0	0.8398
0.500	-7.5970	0.1051	0.0	0.0	0.0	0.5370
0.600	-7.5970	0.1051	0.0	0.0	0.0	0.2341
0.700	-7.5970	0.1051	0.0	0.0	0.0	-0.0688
0.800	-7.5970	0.1051	0.0	0.0	0.0	-0.3716
0.900	-7.5970	0.1051	0.0	0.0	0.0	-0.6745
1.000	-7.5970	0.1051	0.0	0.0	0.0	-0.9774

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	-4.5868	-0.2224	0.0	0.0	0.0	-4.4133
0.100	-4.5868	-0.2224	0.0	0.0	0.0	-3.7725
0.200	-4.5868	-0.2224	0.0	0.0	0.0	-3.1316
0.300	-4.5868	-0.2224	0.0	0.0	0.0	-2.4907
0.400	-4.5868	-0.2224	0.0	0.0	0.0	-1.8499
0.500	-4.5868	-0.2224	0.0	0.0	0.0	-1.2090
0.600	-4.5868	-0.2224	0.0	0.0	0.0	-0.5681
0.700	-4.5868	-0.2224	0.0	0.0	0.0	0.0727
0.800	-4.5868	-0.2224	0.0	0.0	0.0	0.7136
0.900	-4.5868	-0.2224	0.0	0.0	0.0	1.3545
1.000	-4.5868	-0.2224	0.0	0.0	0.0	1.9953

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	-2.8307	-0.2409	0.0	0.0	0.0	-4.7866
0.100	-2.8307	-0.2409	0.0	0.0	0.0	-4.0924
0.200	-2.8307	-0.2409	0.0	0.0	0.0	-3.3981
0.300	-2.8307	-0.2409	0.0	0.0	0.0	-2.7039
0.400	-2.8307	-0.2409	0.0	0.0	0.0	-2.0097
0.500	-2.8307	-0.2409	0.0	0.0	0.0	-1.3154
0.600	-2.8307	-0.2409	0.0	0.0	0.0	-0.6212
0.700	-2.8307	-0.2409	0.0	0.0	0.0	0.0730
0.800	-2.8307	-0.2409	0.0	0.0	0.0	0.7673
0.900	-2.8307	-0.2409	0.0	0.0	0.0	1.4615
1.000	-2.8307	-0.2409	0.0	0.0	0.0	2.1557

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	-0.4688	-0.7074	0.0	0.0	0.0	-5.7377
0.100	-0.4688	-0.7074	0.0	0.0	0.0	-25.0160
0.200	-0.4688	-0.7074	0.0	0.0	0.0	-44.2946
0.300	-0.4688	-0.7074	0.0	0.0	0.0	-63.5732
0.400	-0.4688	-0.7074	0.0	0.0	0.0	-82.8516
0.500	-0.4688	-0.5352	0.0	0.0	0.0	-58.4629
0.600	-0.4688	0.0597	0.0	0.0	0.0	-35.0789

33003613

0.700	-0.4688	1.0796	0.0	0.0	0.0	-19.0432
0.800	-0.4688	2.5245	0.0	0.0	0.0	-11.5809
0.900	-0.4688	4.3944	0.0	0.0	0.0	-13.9166
1.000	-0.4688	6.6892	0.0	0.0	0.0	-27.2751

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	-0.4816	-0.7581	0.0	0.0	0.0	-6.0989
0.100	-0.4816	-0.7581	0.0	0.0	0.0	-25.5926
0.200	-0.4816	-0.7581	0.0	0.0	0.0	-45.0859
0.300	-0.4816	-0.7581	0.0	0.0	0.0	-64.5797
0.400	-0.4816	-0.7581	0.0	0.0	0.0	-84.0733
0.500	-0.4816	-0.5491	0.0	0.0	0.0	-55.5935
0.600	-0.4816	0.0777	0.0	0.0	0.0	-33.1356
0.700	-0.4816	1.1224	0.0	0.0	0.0	-17.9036
0.800	-0.4816	2.5850	0.0	0.0	0.0	-11.1021
0.900	-0.4816	4.4655	0.0	0.0	0.0	-13.9353
1.000	-0.4816	6.7639	0.0	0.0	0.0	-27.6076

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	-0.0127	-0.0507	0.0	0.0	0.0	-0.3612
0.100	-0.0127	-0.0507	0.0	0.0	0.0	-0.5765
0.200	-0.0127	-0.0507	0.0	0.0	0.0	-0.7913
0.300	-0.0127	-0.0507	0.0	0.0	0.0	-1.0065
0.400	-0.0127	-0.0507	0.0	0.0	0.0	-1.2217
0.500	-0.0127	-0.0139	0.0	0.0	0.0	2.8694
0.600	-0.0127	0.0180	0.0	0.0	0.0	1.9433
0.700	-0.0127	0.0428	0.0	0.0	0.0	1.1396
0.800	-0.0127	0.0605	0.0	0.0	0.0	0.4788
0.900	-0.0127	0.0711	0.0	0.0	0.0	-0.0187
1.000	-0.0127	0.0746	0.0	0.0	0.0	-0.3325

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	-0.0207	0.0016	0.0	0.0	0.0	-0.0162
0.100	-0.0207	0.0016	0.0	0.0	0.0	-0.0207
0.200	-0.0207	0.0016	0.0	0.0	0.0	-0.0253
0.300	-0.0207	0.0016	0.0	0.0	0.0	-0.0298
0.400	-0.0207	0.0016	0.0	0.0	0.0	-0.0344
0.500	-0.0207	0.0016	0.0	0.0	0.0	-0.0389
0.600	-0.0207	0.0016	0.0	0.0	0.0	-0.0434
0.700	-0.0207	0.0016	0.0	0.0	0.0	-0.0480
0.800	-0.0207	0.0016	0.0	0.0	0.0	-0.0525
0.900	-0.0207	0.0016	0.0	0.0	0.0	-0.0571
1.000	-0.0207	0.0016	0.0	0.0	0.0	-0.0616

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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	-0.1144	0.0084	0.0	0.0	0.0	-0.1284
0.100		-0.1144	0.0084	0.0	0.0	0.0	-0.1527
0.200		-0.1144	0.0084	0.0	0.0	0.0	-0.1770
0.300		-0.1144	0.0084	0.0	0.0	0.0	-0.2013
0.400		-0.1144	0.0084	0.0	0.0	0.0	-0.2257
0.500		-0.1144	0.0084	0.0	0.0	0.0	-0.2500
0.600		-0.1144	0.0084	0.0	0.0	0.0	-0.2743
0.700		-0.1144	0.0084	0.0	0.0	0.0	-0.2986
0.800		-0.1144	0.0084	0.0	0.0	0.0	-0.3229
0.900		-0.1144	0.0084	0.0	0.0	0.0	-0.3473
1.000		-0.1144	0.0084	0.0	0.0	0.0	-0.3716

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	0.0687	0.0092	0.0	0.0	0.0	0.2214
0.100		0.0687	0.0092	0.0	0.0	0.0	0.1948
0.200		0.0687	0.0092	0.0	0.0	0.0	0.1683
0.300		0.0687	0.0092	0.0	0.0	0.0	0.1417
0.400		0.0687	0.0092	0.0	0.0	0.0	0.1152
0.500		0.0687	0.0092	0.0	0.0	0.0	0.0886
0.600		0.0687	0.0092	0.0	0.0	0.0	0.0620
0.700		0.0687	0.0092	0.0	0.0	0.0	0.0355
0.800		0.0687	0.0092	0.0	0.0	0.0	0.0089
0.900		0.0687	0.0092	0.0	0.0	0.0	-0.0177
1.000		0.0687	0.0092	0.0	0.0	0.0	-0.0442

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	0.2994	0.0140	0.0	0.0	0.0	0.7266
0.100		0.2994	0.0140	0.0	0.0	0.0	0.6862
0.200		0.2994	0.0140	0.0	0.0	0.0	0.6458
0.300		0.2994	0.0140	0.0	0.0	0.0	0.6054
0.400		0.2994	0.0140	0.0	0.0	0.0	0.5649
0.500		0.2994	0.0140	0.0	0.0	0.0	0.5245
0.600		0.2994	0.0140	0.0	0.0	0.0	0.4841
0.700		0.2994	0.0140	0.0	0.0	0.0	0.4437
0.800		0.2994	0.0140	0.0	0.0	0.0	0.4033
0.900		0.2994	0.0140	0.0	0.0	0.0	0.3629
1.000		0.2994	0.0140	0.0	0.0	0.0	0.3225

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	-0.1747	-0.0175	0.0	0.0	0.0	-0.4708

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0.100	-0.1747	-0.0175	0.0	0.0	0.0	-0.4204
0.200	-0.1747	-0.0175	0.0	0.0	0.0	-0.3699
0.300	-0.1747	-0.0175	0.0	0.0	0.0	-0.3194
0.400	-0.1747	-0.0175	0.0	0.0	0.0	-0.2690
0.500	-0.1747	-0.0175	0.0	0.0	0.0	-0.2185
0.600	-0.1747	-0.0175	0.0	0.0	0.0	-0.1681
0.700	-0.1747	-0.0175	0.0	0.0	0.0	-0.1176
0.800	-0.1747	-0.0175	0.0	0.0	0.0	-0.0672
0.900	-0.1747	-0.0175	0.0	0.0	0.0	-0.0167
1.000	-0.1747	-0.0175	0.0	0.0	0.0	0.0337

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	-0.7709	-0.0235	0.0	0.0	0.0	-1.6644
0.100	-0.7709	-0.0235	0.0	0.0	0.0	-1.5968
0.200	-0.7709	-0.0235	0.0	0.0	0.0	-1.5292
0.300	-0.7709	-0.0235	0.0	0.0	0.0	-1.4616
0.400	-0.7709	-0.0235	0.0	0.0	0.0	-1.3940
0.500	-0.7709	-0.0235	0.0	0.0	0.0	-1.3264
0.600	-0.7709	-0.0235	0.0	0.0	0.0	-1.2588
0.700	-0.7709	-0.0235	0.0	0.0	0.0	-1.1912
0.800	-0.7709	-0.0235	0.0	0.0	0.0	-1.1236
0.900	-0.7709	-0.0235	0.0	0.0	0.0	-1.0560
1.000	-0.7709	-0.0235	0.0	0.0	0.0	-0.9884

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	-0.5003	-0.3831	0.0	0.0	0.0	-5.6249
0.100	-0.5003	-0.3831	0.0	0.0	0.0	-4.5208
0.200	-0.5003	-0.3831	0.0	0.0	0.0	-3.4168
0.300	-0.5003	-0.3831	0.0	0.0	0.0	-2.3128
0.400	-0.5003	-0.3831	0.0	0.0	0.0	-1.2087
0.500	-0.5003	-0.3831	0.0	0.0	0.0	-0.1047
0.600	-0.5003	-0.3831	0.0	0.0	0.0	0.9994
0.700	-0.5003	-0.3831	0.0	0.0	0.0	2.1034
0.800	-0.5003	-0.3831	0.0	0.0	0.0	3.2074
0.900	-0.5003	-0.3831	0.0	0.0	0.0	4.3115
1.000	-0.5003	-0.3831	0.0	0.0	0.0	5.4155

MEMBER 14

LOADING 1 DEAD LOAD

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	-0.2121	-0.7560	0.0	0.0	0.0	1.1415
0.100	-0.2121	-0.4860	0.0	0.0	0.0	2.0631
0.200	-0.2121	-0.2159	0.0	0.0	0.0	2.5838
0.300	-0.2121	0.0358	0.0	0.0	0.0	2.7065
0.400	-0.2121	0.2139	0.0	0.0	0.0	2.5212
0.500	-0.2121	0.3920	0.0	0.0	0.0	2.0716 156
0.600	-0.2121	0.5701	0.0	0.0	0.0	1.3578
0.700	-0.2121	0.7481	0.0	0.0	0.0	0.3797
0.800	-0.2121	0.9405	0.0	0.0	0.0	-0.8648 .8614
0.900	-0.2121	1.1898	0.0	0.0	0.0	-2.4454
1.000	-0.2121	1.4391	0.0	0.0	0.0	-4.3961

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	-0.0085	0.1153	0.0	0.0	0.0	1.2718
0.100	-0.0085	0.1153	0.0	0.0	0.0	1.1007
0.200	-0.0085	0.1153	0.0	0.0	0.0	0.9295
0.300	-0.0085	0.1153	0.0	0.0	0.0	0.7584
0.400	-0.0085	0.1153	0.0	0.0	0.0	0.5872
0.500	-0.0085	0.1153	0.0	0.0	0.0	0.4160
0.600	-0.0085	0.1153	0.0	0.0	0.0	0.2449
0.700	-0.0085	0.1153	0.0	0.0	0.0	0.0737
0.800	-0.0085	0.1153	0.0	0.0	0.0	-0.0974
0.900	-0.0085	0.1153	0.0	0.0	0.0	-0.2686
1.000	-0.0085	0.1153	0.0	0.0	0.0	-0.4398

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	-0.0543	0.3222	0.0	0.0	0.0	3.7382
0.100	-0.0543	0.3222	0.0	0.0	0.0	3.2600
0.200	-0.0543	0.3222	0.0	0.0	0.0	2.7819
0.300	-0.0543	0.3222	0.0	0.0	0.0	2.3037
0.400	-0.0543	0.3222	0.0	0.0	0.0	1.8255
0.500	-0.0543	0.3222	0.0	0.0	0.0	1.3473
0.600	-0.0543	0.3222	0.0	0.0	0.0	0.8692
0.700	-0.0543	0.3222	0.0	0.0	0.0	0.3910
0.800	-0.0543	0.3222	0.0	0.0	0.0	-0.0872
0.900	-0.0543	0.3222	0.0	0.0	0.0	-0.5653
1.000	-0.0543	0.3222	0.0	0.0	0.0	-1.0435

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	-0.0535	0.3268	0.0	0.0	0.0	3.7930
0.100	-0.0535	0.3268	0.0	0.0	0.0	3.3081
0.200	-0.0535	0.3268	0.0	0.0	0.0	2.8231
0.300	-0.0535	0.3268	0.0	0.0	0.0	2.3382
0.400	-0.0535	0.3268	0.0	0.0	0.0	1.8533
0.500	-0.0535	0.3268	0.0	0.0	0.0	1.3684

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0.600	-0.0535	0.3268	0.0	0.0	0.0	0.8835
0.700	-0.0535	0.3268	0.0	0.0	0.0	0.3986
0.800	-0.0535	0.3268	0.0	0.0	0.0	-0.0863
0.900	-0.0535	0.3268	0.0	0.0	0.0	-0.5712
1.000	-0.0535	0.3268	0.0	0.0	0.0	-1.0561

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	-0.0385	0.3164	0.0	0.0	0.0	3.6639
0.100	-0.0385	0.3164	0.0	0.0	0.0	3.1943
0.200	-0.0385	0.3164	0.0	0.0	0.0	2.7248
0.300	-0.0385	0.3164	0.0	0.0	0.0	2.2553
0.400	-0.0385	0.3164	0.0	0.0	0.0	1.7858
0.500	-0.0385	0.3164	0.0	0.0	0.0	1.3163
0.600	-0.0385	0.3164	0.0	0.0	0.0	0.8467
0.700	-0.0385	0.3164	0.0	0.0	0.0	0.3772
0.800	-0.0385	0.3164	0.0	0.0	0.0	-0.0923
0.900	-0.0385	0.3164	0.0	0.0	0.0	-0.5618
1.000	-0.0385	0.3164	0.0	0.0	0.0	-1.0314

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	-0.0327	0.3124	0.0	0.0	0.0	3.6127
0.100	-0.0327	0.3124	0.0	0.0	0.0	3.1491
0.200	-0.0327	0.3124	0.0	0.0	0.0	2.6855
0.300	-0.0327	0.3124	0.0	0.0	0.0	2.2219
0.400	-0.0327	0.3124	0.0	0.0	0.0	1.7584
0.500	-0.0327	0.3124	0.0	0.0	0.0	1.2948
0.600	-0.0327	0.3124	0.0	0.0	0.0	0.8312
0.700	-0.0327	0.3124	0.0	0.0	0.0	0.3676
0.800	-0.0327	0.3124	0.0	0.0	0.0	-0.0959
0.900	-0.0327	0.3124	0.0	0.0	0.0	-0.5595
1.000	-0.0327	0.3124	0.0	0.0	0.0	-1.0231

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	0.0471	-0.1528	0.0	0.0	0.0	-1.8615
0.100	0.0471	-0.1528	0.0	0.0	0.0	-1.6347
0.200	0.0471	-0.1528	0.0	0.0	0.0	-1.4079
0.300	0.0471	-0.1528	0.0	0.0	0.0	-1.1811
0.400	0.0471	-0.1528	0.0	0.0	0.0	-0.9543
0.500	0.0471	-0.1528	0.0	0.0	0.0	-0.7275
0.600	0.0471	-0.1528	0.0	0.0	0.0	-0.5007
0.700	0.0471	-0.1528	0.0	0.0	0.0	-0.2739
0.800	0.0471	-0.1528	0.0	0.0	0.0	-0.0471
0.900	0.0471	-0.1528	0.0	0.0	0.0	0.1798
1.000	0.0471	-0.1528	0.0	0.0	0.0	0.4066

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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	0.0506	-0.1513	0.0	0.0	0.0	-1.8589
0.100	0.0506	-0.1513	0.0	0.0	0.0	-1.6344
0.200	0.0506	-0.1513	0.0	0.0	0.0	-1.4098
0.300	0.0506	-0.1513	0.0	0.0	0.0	-1.1853
0.400	0.0506	-0.1513	0.0	0.0	0.0	-0.9607
0.500	0.0506	-0.1513	0.0	0.0	0.0	-0.7362
0.600	0.0506	-0.1513	0.0	0.0	0.0	-0.5116
0.700	0.0506	-0.1513	0.0	0.0	0.0	-0.2871
0.800	0.0506	-0.1513	0.0	0.0	0.0	-0.0626
0.900	0.0506	-0.1513	0.0	0.0	0.0	0.1620
1.000	0.0506	-0.1513	0.0	0.0	0.0	0.3865

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	0.0131	0.1208	0.0	0.0	0.0	1.2453
0.100	0.0131	0.1208	0.0	0.0	0.0	1.0661
0.200	0.0131	0.1208	0.0	0.0	0.0	0.8869
0.300	0.0131	0.1208	0.0	0.0	0.0	0.7077
0.400	0.0131	0.1208	0.0	0.0	0.0	0.5285
0.500	0.0131	0.1208	0.0	0.0	0.0	0.3493
0.600	0.0131	0.1208	0.0	0.0	0.0	0.1701
0.700	0.0131	0.1208	0.0	0.0	0.0	-0.0091
0.800	0.0131	0.1208	0.0	0.0	0.0	-0.1884
0.900	0.0131	0.1208	0.0	0.0	0.0	-0.3676
1.000	0.0131	0.1208	0.0	0.0	0.0	-0.5468

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	0.0143	-0.1165	0.0	0.0	0.0	-1.2410
0.100	0.0143	-0.1165	0.0	0.0	0.0	-1.0680
0.200	0.0143	-0.1165	0.0	0.0	0.0	-0.8951
0.300	0.0143	-0.1165	0.0	0.0	0.0	-0.7222
0.400	0.0143	-0.1165	0.0	0.0	0.0	-0.5493
0.500	0.0143	-0.1165	0.0	0.0	0.0	-0.3764
0.600	0.0143	-0.1165	0.0	0.0	0.0	-0.2034
0.700	0.0143	-0.1165	0.0	0.0	0.0	-0.0305
0.800	0.0143	-0.1165	0.0	0.0	0.0	0.1424
0.900	0.0143	-0.1165	0.0	0.0	0.0	0.3153
1.000	0.0143	-0.1165	0.0	0.0	0.0	0.4883

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

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0.0 FR	0.0511	-0.1243	0.0	0.0	0.0	-1.5924
0.100	0.0511	-0.1243	0.0	0.0	0.0	-1.4079
0.200	0.0511	-0.1243	0.0	0.0	0.0	-1.2234
0.300	0.0511	-0.1243	0.0	0.0	0.0	-1.0389
0.400	0.0511	-0.1243	0.0	0.0	0.0	-0.8544
0.500	0.0511	-0.1243	0.0	0.0	0.0	-0.6699
0.600	0.0511	-0.1243	0.0	0.0	0.0	-0.4853
0.700	0.0511	-0.1243	0.0	0.0	0.0	-0.3008
0.800	0.0511	-0.1243	0.0	0.0	0.0	-0.1163
0.900	0.0511	-0.1243	0.0	0.0	0.0	0.0682
1.000	0.0511	-0.1243	0.0	0.0	0.0	0.2527

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	0.0578	-0.1245	0.0	0.0	0.0	-1.5950
0.100	0.0578	-0.1245	0.0	0.0	0.0	-1.4101
0.200	0.0578	-0.1245	0.0	0.0	0.0	-1.2253
0.300	0.0578	-0.1245	0.0	0.0	0.0	-1.0405
0.400	0.0578	-0.1245	0.0	0.0	0.0	-0.8557
0.500	0.0578	-0.1245	0.0	0.0	0.0	-0.6709
0.600	0.0578	-0.1245	0.0	0.0	0.0	-0.4861
0.700	0.0578	-0.1245	0.0	0.0	0.0	-0.3013
0.800	0.0578	-0.1245	0.0	0.0	0.0	-0.1164
0.900	0.0578	-0.1245	0.0	0.0	0.0	0.0684
1.000	0.0578	-0.1245	0.0	0.0	0.0	0.2532

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	0.0718	-0.1228	0.0	0.0	0.0	-1.5668
0.100	0.0718	-0.1228	0.0	0.0	0.0	-1.3846
0.200	0.0718	-0.1228	0.0	0.0	0.0	-1.2023
0.300	0.0718	-0.1228	0.0	0.0	0.0	-1.0201
0.400	0.0718	-0.1228	0.0	0.0	0.0	-0.8379
0.500	0.0718	-0.1228	0.0	0.0	0.0	-0.6556
0.600	0.0718	-0.1228	0.0	0.0	0.0	-0.4734
0.700	0.0718	-0.1228	0.0	0.0	0.0	-0.2911
0.800	0.0718	-0.1228	0.0	0.0	0.0	-0.1089
0.900	0.0718	-0.1228	0.0	0.0	0.0	0.0733
1.000	0.0718	-0.1228	0.0	0.0	0.0	0.2556

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	0.0066	0.0240	0.0	0.0	0.0	0.2999
0.100	0.0066	0.0240	0.0	0.0	0.0	0.2643
0.200	0.0066	0.0240	0.0	0.0	0.0	0.2288
0.300	0.0066	0.0240	0.0	0.0	0.0	0.1932
0.400	0.0066	0.0240	0.0	0.0	0.0	0.1577
0.500	0.0066	0.0240	0.0	0.0	0.0	0.1221

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0.600	0.0066	0.0240	0.0	0.0	0.0	0.0866
0.700	0.0066	0.0240	0.0	0.0	0.0	0.0510
0.800	0.0066	0.0240	0.0	0.0	0.0	0.0155
0.900	0.0066	0.0240	0.0	0.0	0.0	-0.0201
1.000	0.0066	0.0240	0.0	0.0	0.0	-0.0556

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	0.0134	0.0237	0.0	0.0	0.0	0.2973
0.100	0.0134	0.0237	0.0	0.0	0.0	0.2620
0.200	0.0134	0.0237	0.0	0.0	0.0	0.2268
0.300	0.0134	0.0237	0.0	0.0	0.0	0.1916
0.400	0.0134	0.0237	0.0	0.0	0.0	0.1563
0.500	0.0134	0.0237	0.0	0.0	0.0	0.1211
0.600	0.0134	0.0237	0.0	0.0	0.0	0.0858
0.700	0.0134	0.0237	0.0	0.0	0.0	0.0506
0.800	0.0134	0.0237	0.0	0.0	0.0	0.0154
0.900	0.0134	0.0237	0.0	0.0	0.0	-0.0199
1.000	0.0134	0.0237	0.0	0.0	0.0	-0.0551

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	-0.3179	-0.0051	0.0	0.0	0.0	-0.0009
0.100	-0.3179	-0.0051	0.0	0.0	0.0	0.0067
0.200	-0.3179	-0.0051	0.0	0.0	0.0	0.0142
0.300	-0.3179	-0.0051	0.0	0.0	0.0	0.0218
0.400	-0.3179	-0.0051	0.0	0.0	0.0	0.0293
0.500	-0.3179	-0.0051	0.0	0.0	0.0	0.0369
0.600	-0.3179	-0.0051	0.0	0.0	0.0	0.0444
0.700	-0.3179	-0.0051	0.0	0.0	0.0	0.0520
0.800	-0.3179	-0.0051	0.0	0.0	0.0	0.0596
0.900	-0.3179	-0.0051	0.0	0.0	0.0	0.0671
1.000	-0.3179	-0.0051	0.0	0.0	0.0	0.0747

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	-0.2906	-0.0044	0.0	0.0	0.0	-0.0035
0.100	-0.2906	-0.0044	0.0	0.0	0.0	0.0031
0.200	-0.2906	-0.0044	0.0	0.0	0.0	0.0097
0.300	-0.2906	-0.0044	0.0	0.0	0.0	0.0163
0.400	-0.2906	-0.0044	0.0	0.0	0.0	0.0229
0.500	-0.2906	-0.0044	0.0	0.0	0.0	0.0295
0.600	-0.2906	-0.0044	0.0	0.0	0.0	0.0361
0.700	-0.2906	-0.0044	0.0	0.0	0.0	0.0427
0.800	-0.2906	-0.0044	0.0	0.0	0.0	0.0492
0.900	-0.2906	-0.0044	0.0	0.0	0.0	0.0558
1.000	-0.2906	-0.0044	0.0	0.0	0.0	0.0624

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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	-0.3421	-0.0062	0.0	0.0	0.0	0.0294
0.100		-0.3421	-0.0062	0.0	0.0	0.0	0.0385
0.200		-0.3421	-0.0062	0.0	0.0	0.0	0.0477
0.300		-0.3421	-0.0062	0.0	0.0	0.0	0.0568
0.400		-0.3421	-0.0062	0.0	0.0	0.0	0.0660
0.500		-0.3421	-0.0062	0.0	0.0	0.0	0.0751
0.600		-0.3421	-0.0062	0.0	0.0	0.0	0.0842
0.700		-0.3421	-0.0062	0.0	0.0	0.0	0.0934
0.800		-0.3421	-0.0062	0.0	0.0	0.0	0.1025
0.900		-0.3421	-0.0062	0.0	0.0	0.0	0.1117
1.000		-0.3421	-0.0062	0.0	0.0	0.0	0.1208

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	0.1267	0.0017	0.0	0.0	0.0	0.0259
0.100		0.1267	0.0017	0.0	0.0	0.0	0.0233
0.200		0.1267	0.0017	0.0	0.0	0.0	0.0207
0.300		0.1267	0.0017	0.0	0.0	0.0	0.0181
0.400		0.1267	0.0017	0.0	0.0	0.0	0.0155
0.500		0.1267	0.0017	0.0	0.0	0.0	0.0129
0.600		0.1267	0.0017	0.0	0.0	0.0	0.0104
0.700		0.1267	0.0017	0.0	0.0	0.0	0.0078
0.800		0.1267	0.0017	0.0	0.0	0.0	0.0052
0.900		0.1267	0.0017	0.0	0.0	0.0	0.0026
1.000		0.1267	0.0017	0.0	0.0	0.0	0.0000

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	-0.1153	-0.0012	0.0	0.0	0.0	-0.0086
0.100		-0.1153	-0.0012	0.0	0.0	0.0	-0.0069
0.200		-0.1153	-0.0012	0.0	0.0	0.0	-0.0052
0.300		-0.1153	-0.0012	0.0	0.0	0.0	-0.0034
0.400		-0.1153	-0.0012	0.0	0.0	0.0	-0.0017
0.500		-0.1153	-0.0012	0.0	0.0	0.0	0.0000
0.600		-0.1153	-0.0012	0.0	0.0	0.0	0.0017
0.700		-0.1153	-0.0012	0.0	0.0	0.0	0.0035
0.800		-0.1153	-0.0012	0.0	0.0	0.0	0.0052
0.900		-0.1153	-0.0012	0.0	0.0	0.0	0.0069
1.000		-0.1153	-0.0012	0.0	0.0	0.0	0.0086

LOADING 21 R R TRANSIT #4 EXT & INT CELLS

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

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0.0 FR	0.2087	-0.0005	0.0	0.0	0.0	-0.1348
0.100	0.2087	-0.0005	0.0	0.0	0.0	-0.1342
0.200	0.2087	-0.0005	0.0	0.0	0.0	-0.1335
0.300	0.2087	-0.0005	0.0	0.0	0.0	-0.1328
0.400	0.2087	-0.0005	0.0	0.0	0.0	-0.1322
0.500	0.2087	-0.0005	0.0	0.0	0.0	-0.1315
0.600	0.2087	-0.0005	0.0	0.0	0.0	-0.1308
0.700	0.2087	-0.0005	0.0	0.0	0.0	-0.1302
0.800	0.2087	-0.0005	0.0	0.0	0.0	-0.1295
0.900	0.2087	-0.0005	0.0	0.0	0.0	-0.1288
1.000	0.2087	-0.0005	0.0	0.0	0.0	-0.1281

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	0.2183	-0.0000	0.0	0.0	0.0	-0.1381
0.100	0.2183	-0.0000	0.0	0.0	0.0	-0.1381
0.200	0.2183	-0.0000	0.0	0.0	0.0	-0.1380
0.300	0.2183	-0.0000	0.0	0.0	0.0	-0.1380
0.400	0.2183	-0.0000	0.0	0.0	0.0	-0.1380
0.500	0.2183	-0.0000	0.0	0.0	0.0	-0.1379
0.600	0.2183	-0.0000	0.0	0.0	0.0	-0.1379
0.700	0.2183	-0.0000	0.0	0.0	0.0	-0.1379
0.800	0.2183	-0.0000	0.0	0.0	0.0	-0.1378
0.900	0.2183	-0.0000	0.0	0.0	0.0	-0.1378
1.000	0.2183	-0.0000	0.0	0.0	0.0	-0.1378

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	-6.6795	8.3635	0.0	0.0	0.0	27.5045
0.100	-6.6795	6.7504	0.0	0.0	0.0	16.2899
0.200	-6.6795	5.1373	0.0	0.0	0.0	7.4693
0.300	-6.6795	3.5242	0.0	0.0	0.0	1.0425
0.400	-6.6795	1.9111	0.0	0.0	0.0	-2.9905
0.500	-6.6795	0.2980	0.0	0.0	0.0	-4.6297 .5L
0.600	-6.6795	-1.3151	0.0	0.0	0.0	-3.8750
0.700	-6.6795	-2.9282	0.0	0.0	0.0	-0.7264
0.800	-6.6795	-4.5413	0.0	0.0	0.0	4.8160 .8L
0.900	-6.6795	-6.1544	0.0	0.0	0.0	12.7522
1.000	-6.6795	-7.7675	0.0	0.0	0.0	23.0823

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	-6.7465	10.8090	0.0	0.0	0.0	51.3909
0.100	-6.7465	9.1342	0.0	0.0	0.0	36.5932
0.200	-6.7465	7.4605	0.0	0.0	0.0	24.2802
0.300	-6.7465	5.7880	0.0	0.0	0.0	14.4500
0.400	-6.7465	4.1168	0.0	0.0	0.0	7.1008
0.500	-6.7465	2.4467	0.0	0.0	0.0	2.2308

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0.600	-6.7465	0.7778	0.0	0.0	0.0	-0.1616
0.700	-6.7465	-0.8899	0.0	0.0	0.0	-0.0782
0.800	-6.7465	-2.5565	0.0	0.0	0.0	2.4792
0.900	-6.7465	-4.2218	0.0	0.0	0.0	7.5088
1.000	-6.7465	-5.8860	0.0	0.0	0.0	15.0089

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	-0.0670	2.4455	0.0	0.0	0.0	23.8864
0.100	-0.0670	2.3837	0.0	0.0	0.0	20.3033
0.200	-0.0670	2.3232	0.0	0.0	0.0	16.8109
0.300	-0.0670	2.2638	0.0	0.0	0.0	13.4075
0.400	-0.0670	2.2057	0.0	0.0	0.0	10.0913
0.500	-0.0670	2.1487	0.0	0.0	0.0	6.8605
0.600	-0.0670	2.0929	0.0	0.0	0.0	3.7134
0.700	-0.0670	2.0383	0.0	0.0	0.0	0.6482
0.800	-0.0670	1.9849	0.0	0.0	0.0	-2.3368
0.900	-0.0670	1.9326	0.0	0.0	0.0	-5.2434
1.000	-0.0670	1.8816	0.0	0.0	0.0	-8.0734

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	6.7042	-8.7374	0.0	0.0	0.0	-32.0359
0.100	6.7042	-7.1243	0.0	0.0	0.0	-20.2664
0.200	6.7042	-5.5112	0.0	0.0	0.0	-10.8910
0.300	6.7042	-3.8981	0.0	0.0	0.0	-3.9093
0.400	6.7042	-2.2850	0.0	0.0	0.0	0.6785
0.500	6.7042	-0.6719	0.0	0.0	0.0	2.8725
0.600	6.7042	0.9412	0.0	0.0	0.0	2.6726
0.700	6.7042	2.5543	0.0	0.0	0.0	0.0789
0.800	6.7042	4.1674	0.0	0.0	0.0	-4.9087
0.900	6.7042	5.7805	0.0	0.0	0.0	-12.2901
1.000	6.7042	7.3937	0.0	0.0	0.0	-22.0653

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	15.5888	-15.5130	0.0	0.0	0.0	-75.9991
0.100	15.5888	-12.9264	0.0	0.0	0.0	-54.8972
0.200	15.5888	-10.3398	0.0	0.0	0.0	-37.6336
0.300	15.5888	-7.7532	0.0	0.0	0.0	-24.2087
0.400	15.5888	-5.1665	0.0	0.0	0.0	-14.6224
0.500	15.5888	-2.5799	0.0	0.0	0.0	-8.8745
0.600	15.5888	0.0067	0.0	0.0	0.0	-6.9651
0.700	15.5888	2.5933	0.0	0.0	0.0	-8.8943
0.800	15.5888	5.1799	0.0	0.0	0.0	-14.6619
0.900	15.5888	7.7665	0.0	0.0	0.0	-24.2681
1.000	15.5888	10.3531	0.0	0.0	0.0	-37.7128

33003624

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	-0.0920	-0.1206	0.0	0.0	0.0	0.1115
0.100	-0.0920	-0.1206	0.0	0.0	0.0	0.2905
0.200	-0.0920	-0.1206	0.0	0.0	0.0	0.4695
0.300	-0.0920	-0.1206	0.0	0.0	0.0	0.6485
0.400	-0.0920	-0.1206	0.0	0.0	0.0	0.8275
0.500	-0.0920	-0.1206	0.0	0.0	0.0	1.0065
0.600	-0.0920	-0.1206	0.0	0.0	0.0	1.1855
0.700	-0.0920	-0.1206	0.0	0.0	0.0	1.3645
0.800	-0.0920	-0.1206	0.0	0.0	0.0	1.5435
0.900	-0.0920	-0.1206	0.0	0.0	0.0	1.7225
1.000	-0.0920	-0.1206	0.0	0.0	0.0	1.9015

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	-0.2030	-1.4385	0.0	0.0	0.0	-2.7077
0.100	-0.2030	-1.4385	0.0	0.0	0.0	-0.5729
0.200	-0.2030	-1.4385	0.0	0.0	0.0	1.5619
0.300	-0.2030	-1.4385	0.0	0.0	0.0	3.6966
0.400	-0.2030	-1.4385	0.0	0.0	0.0	5.8314
0.500	-0.2030	-1.4385	0.0	0.0	0.0	7.9662
0.600	-0.2030	-1.4385	0.0	0.0	0.0	10.1009
0.700	-0.2030	-1.4385	0.0	0.0	0.0	12.2357
0.800	-0.2030	-1.4385	0.0	0.0	0.0	14.3705
0.900	-0.2030	-1.4385	0.0	0.0	0.0	16.5053
1.000	-0.2030	-1.4385	0.0	0.0	0.0	18.6400

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	-0.0543	0.0424	0.0	0.0	0.0	-0.0307
0.100	-0.0543	0.0424	0.0	0.0	0.0	-0.0936
0.200	-0.0543	0.0424	0.0	0.0	0.0	-0.1565
0.300	-0.0543	0.0424	0.0	0.0	0.0	-0.2193
0.400	-0.0543	0.0424	0.0	0.0	0.0	-0.2822
0.500	-0.0543	0.0424	0.0	0.0	0.0	-0.3451
0.600	-0.0543	0.0424	0.0	0.0	0.0	-0.4079
0.700	-0.0543	0.0424	0.0	0.0	0.0	-0.4708
0.800	-0.0543	0.0424	0.0	0.0	0.0	-0.5337
0.900	-0.0543	0.0424	0.0	0.0	0.0	-0.5965
1.000	-0.0543	0.0424	0.0	0.0	0.0	-0.6594

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

33003625

0.0	FR	-0.1331	0.5294	0.0	0.0	0.0	1.0692
0.100		-0.1331	0.5294	0.0	0.0	0.0	0.2836
0.200		-0.1331	0.5294	0.0	0.0	0.0	-0.5020
0.300		-0.1331	0.5294	0.0	0.0	0.0	-1.2876
0.400		-0.1331	0.5294	0.0	0.0	0.0	-2.0732
0.500		-0.1331	0.5294	0.0	0.0	0.0	-2.8588
0.600		-0.1331	0.5294	0.0	0.0	0.0	-3.6444
0.700		-0.1331	0.5294	0.0	0.0	0.0	-4.4300
0.800		-0.1331	0.5294	0.0	0.0	0.0	-5.2156
0.900		-0.1331	0.5294	0.0	0.0	0.0	-6.0012
1.000		-0.1331	0.5294	0.0	0.0	0.0	-6.7868

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	0.3984	-0.5344	0.0	0.0	0.0	-5.4577
0.100		0.3984	-0.5344	0.0	0.0	0.0	-4.6646
0.200		0.3984	-0.5344	0.0	0.0	0.0	-3.8716
0.300		0.3984	-0.5344	0.0	0.0	0.0	-3.0785
0.400		0.3984	-0.5344	0.0	0.0	0.0	-2.2854
0.500		0.3984	-0.5344	0.0	0.0	0.0	-1.4923
0.600		0.3984	-0.5344	0.0	0.0	0.0	-0.6992
0.700		0.3984	-0.5344	0.0	0.0	0.0	0.0939
0.800		0.3984	-0.5344	0.0	0.0	0.0	0.8870
0.900		0.3984	-0.5344	0.0	0.0	0.0	1.6801
1.000		0.3984	-0.5344	0.0	0.0	0.0	2.4732

MEMBER 15

LOADING 1 DEAD LOAD

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.1896	-1.1767	0.0	0.0	0.0	-4.4723
0.100		-0.1896	-0.9275	0.0	0.0	0.0	-2.9120
0.200		-0.1896	-0.6784	0.0	0.0	0.0	-1.7212
0.300		-0.1896	-0.4862	0.0	0.0	0.0	-0.8660
0.400		-0.1896	-0.3082	0.0	0.0	0.0	-0.2770
0.500		-0.1896	-0.1303	0.0	0.0	0.0	0.0482
0.600		-0.1896	0.0477	0.0	0.0	0.0	0.1095
0.700		-0.1896	0.2256	0.0	0.0	0.0	-0.0932
0.800		-0.1896	0.4178	0.0	0.0	0.0	-0.5619
0.900		-0.1896	0.6670	0.0	0.0	0.0	-1.3662
1.000		-0.1896	0.9161	0.0	0.0	0.0	-2.5401

LOADING 2 HS-20 #1 LT CANT & PEDESTRIAN

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

33003626

0.0 FR	0.0020	-0.0464	0.0	0.0	0.0	-0.5010
0.100	0.0020	-0.0464	0.0	0.0	0.0	-0.4321
0.200	0.0020	-0.0464	0.0	0.0	0.0	-0.3633
0.300	0.0020	-0.0464	0.0	0.0	0.0	-0.2945
0.400	0.0020	-0.0464	0.0	0.0	0.0	-0.2257
0.500	0.0020	-0.0464	0.0	0.0	0.0	-0.1568
0.600	0.0020	-0.0464	0.0	0.0	0.0	-0.0880
0.700	0.0020	-0.0464	0.0	0.0	0.0	-0.0192
0.800	0.0020	-0.0464	0.0	0.0	0.0	0.0496
0.900	0.0020	-0.0464	0.0	0.0	0.0	0.1184
1.000	0.0020	-0.0464	0.0	0.0	0.0	0.1873

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	0.0259	-0.1443	0.0	0.0	0.0	-1.6661
0.100	0.0259	-0.1443	0.0	0.0	0.0	-1.4522
0.200	0.0259	-0.1443	0.0	0.0	0.0	-1.2382
0.300	0.0259	-0.1443	0.0	0.0	0.0	-1.0242
0.400	0.0259	-0.1443	0.0	0.0	0.0	-0.8102
0.500	0.0259	-0.1443	0.0	0.0	0.0	-0.5962
0.600	0.0259	-0.1443	0.0	0.0	0.0	-0.3823
0.700	0.0259	-0.1443	0.0	0.0	0.0	-0.1683
0.800	0.0259	-0.1443	0.0	0.0	0.0	0.0457
0.900	0.0259	-0.1443	0.0	0.0	0.0	0.2597
1.000	0.0259	-0.1443	0.0	0.0	0.0	0.4737

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	0.0276	-0.1452	0.0	0.0	0.0	-1.6850
0.100	0.0276	-0.1452	0.0	0.0	0.0	-1.4697
0.200	0.0276	-0.1452	0.0	0.0	0.0	-1.2543
0.300	0.0276	-0.1452	0.0	0.0	0.0	-1.0389
0.400	0.0276	-0.1452	0.0	0.0	0.0	-0.8236
0.500	0.0276	-0.1452	0.0	0.0	0.0	-0.6082
0.600	0.0276	-0.1452	0.0	0.0	0.0	-0.3929
0.700	0.0276	-0.1452	0.0	0.0	0.0	-0.1775
0.800	0.0276	-0.1452	0.0	0.0	0.0	0.0379
0.900	0.0276	-0.1452	0.0	0.0	0.0	0.2532
1.000	0.0276	-0.1452	0.0	0.0	0.0	0.4686

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	0.0328	-0.1322	0.0	0.0	0.0	-1.5729
0.100	0.0328	-0.1322	0.0	0.0	0.0	-1.3768
0.200	0.0328	-0.1322	0.0	0.0	0.0	-1.1807
0.300	0.0328	-0.1322	0.0	0.0	0.0	-0.9846
0.400	0.0328	-0.1322	0.0	0.0	0.0	-0.7885

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0.500	0.0328	-0.1322	0.0	0.0	0.0	-0.5924
0.600	0.0328	-0.1322	0.0	0.0	0.0	-0.3963
0.700	0.0328	-0.1322	0.0	0.0	0.0	-0.2002
0.800	0.0328	-0.1322	0.0	0.0	0.0	-0.0041
0.900	0.0328	-0.1322	0.0	0.0	0.0	0.1919
1.000	0.0328	-0.1322	0.0	0.0	0.0	0.3880

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	0.0350	-0.1279	0.0	0.0	0.0	-1.5325
0.100	0.0350	-0.1279	0.0	0.0	0.0	-1.3428
0.200	0.0350	-0.1279	0.0	0.0	0.0	-1.1531
0.300	0.0350	-0.1279	0.0	0.0	0.0	-0.9634
0.400	0.0350	-0.1279	0.0	0.0	0.0	-0.7737
0.500	0.0350	-0.1279	0.0	0.0	0.0	-0.5840
0.600	0.0350	-0.1279	0.0	0.0	0.0	-0.3943
0.700	0.0350	-0.1279	0.0	0.0	0.0	-0.2046
0.800	0.0350	-0.1279	0.0	0.0	0.0	-0.0149
0.900	0.0350	-0.1279	0.0	0.0	0.0	0.1748
1.000	0.0350	-0.1279	0.0	0.0	0.0	0.3645

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	-0.0029	0.0561	0.0	0.0	0.0	0.8019
0.100	-0.0029	0.0561	0.0	0.0	0.0	0.7187
0.200	-0.0029	0.0561	0.0	0.0	0.0	0.6354
0.300	-0.0029	0.0561	0.0	0.0	0.0	0.5522
0.400	-0.0029	0.0561	0.0	0.0	0.0	0.4690
0.500	-0.0029	0.0561	0.0	0.0	0.0	0.3858
0.600	-0.0029	0.0561	0.0	0.0	0.0	0.3026
0.700	-0.0029	0.0561	0.0	0.0	0.0	0.2194
0.800	-0.0029	0.0561	0.0	0.0	0.0	0.1362
0.900	-0.0029	0.0561	0.0	0.0	0.0	0.0530
1.000	-0.0029	0.0561	0.0	0.0	0.0	-0.0302

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	-0.0037	0.0575	0.0	0.0	0.0	0.8211
0.100	-0.0037	0.0575	0.0	0.0	0.0	0.7358
0.200	-0.0037	0.0575	0.0	0.0	0.0	0.6505
0.300	-0.0037	0.0575	0.0	0.0	0.0	0.5652
0.400	-0.0037	0.0575	0.0	0.0	0.0	0.4799
0.500	-0.0037	0.0575	0.0	0.0	0.0	0.3946
0.600	-0.0037	0.0575	0.0	0.0	0.0	0.3093
0.700	-0.0037	0.0575	0.0	0.0	0.0	0.2240
0.800	-0.0037	0.0575	0.0	0.0	0.0	0.1387
0.900	-0.0037	0.0575	0.0	0.0	0.0	0.0534
1.000	-0.0037	0.0575	0.0	0.0	0.0	-0.0319

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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	-0.0029	-0.0364	0.0	0.0	0.0	-0.3680
0.100		-0.0029	-0.0364	0.0	0.0	0.0	-0.3140
0.200		-0.0029	-0.0364	0.0	0.0	0.0	-0.2601
0.300		-0.0029	-0.0364	0.0	0.0	0.0	-0.2061
0.400		-0.0029	-0.0364	0.0	0.0	0.0	-0.1521
0.500		-0.0029	-0.0364	0.0	0.0	0.0	-0.0982
0.600		-0.0029	-0.0364	0.0	0.0	0.0	-0.0442
0.700		-0.0029	-0.0364	0.0	0.0	0.0	0.0098
0.800		-0.0029	-0.0364	0.0	0.0	0.0	0.0637
0.900		-0.0029	-0.0364	0.0	0.0	0.0	0.1177
1.000		-0.0029	-0.0364	0.0	0.0	0.0	0.1716

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	0.0101	0.0522	0.0	0.0	0.0	0.4954
0.100		0.0101	0.0522	0.0	0.0	0.0	0.4180
0.200		0.0101	0.0522	0.0	0.0	0.0	0.3406
0.300		0.0101	0.0522	0.0	0.0	0.0	0.2632
0.400		0.0101	0.0522	0.0	0.0	0.0	0.1858
0.500		0.0101	0.0522	0.0	0.0	0.0	0.1084
0.600		0.0101	0.0522	0.0	0.0	0.0	0.0310
0.700		0.0101	0.0522	0.0	0.0	0.0	-0.0464
0.800		0.0101	0.0522	0.0	0.0	0.0	-0.1238
0.900		0.0101	0.0522	0.0	0.0	0.0	-0.2012
1.000		0.0101	0.0522	0.0	0.0	0.0	-0.2786

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	-0.0110	0.0518	0.0	0.0	0.0	0.7647
0.100		-0.0110	0.0518	0.0	0.0	0.0	0.6879
0.200		-0.0110	0.0518	0.0	0.0	0.0	0.6110
0.300		-0.0110	0.0518	0.0	0.0	0.0	0.5342
0.400		-0.0110	0.0518	0.0	0.0	0.0	0.4574
0.500		-0.0110	0.0518	0.0	0.0	0.0	0.3805
0.600		-0.0110	0.0518	0.0	0.0	0.0	0.3037
0.700		-0.0110	0.0518	0.0	0.0	0.0	0.2269
0.800		-0.0110	0.0518	0.0	0.0	0.0	0.1501
0.900		-0.0110	0.0518	0.0	0.0	0.0	0.0732
1.000		-0.0110	0.0518	0.0	0.0	0.0	-0.0036

LOADING 12 HS-20 #11 EXT & MID CELLS

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

33003699

0.0 FR	-0.0044	0.0520	0.0	0.0	0.0	0.7666
0.100	-0.0044	0.0520	0.0	0.0	0.0	0.5595
0.200	-0.0044	0.0520	0.0	0.0	0.0	0.4581
0.300	-0.0044	0.0520	0.0	0.0	0.0	0.3809
0.400	-0.0044	0.0520	0.0	0.0	0.0	0.3038
0.500	-0.0044	0.0520	0.0	0.0	0.0	[illegible]
0.600	-0.0044	0.0520	0.0	0.0	0.0	-0.0047
0.700	-0.0044	0.0520	0.0	0.0	0.0	
0.800	-0.0044	0.0520	0.0	0.0	0.0	
0.900	-0.0044	0.0520	0.0	0.0	0.0	
1.000	-0.0044	0.0520	0.0	0.0	0.0	

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	0.0115	0.0517	0.0	0.0	0.0	0.7525
0.100	0.0115	0.0517	0.0	0.0	0.0	0.6759
0.200	0.0115	0.0517	0.0	0.0	0.0	0.5992
0.300	0.0115	0.0517	0.0	0.0	0.0	0.5226
0.400	0.0115	0.0517	0.0	0.0	0.0	0.4460
0.500	0.0115	0.0517	0.0	0.0	0.0	0.3694
0.600	0.0115	0.0517	0.0	0.0	0.0	0.2927
0.700	0.0115	0.0517	0.0	0.0	0.0	0.2161
0.800	0.0115	0.0517	0.0	0.0	0.0	0.1395
0.900	0.0115	0.0517	0.0	0.0	0.0	0.0628
1.000	0.0115	0.0517	0.0	0.0	0.0	-0.0138

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	0.0257	-0.0235	0.0	0.0	0.0	-0.2215
0.100	0.0257	-0.0235	0.0	0.0	0.0	-0.1867
0.200	0.0257	-0.0235	0.0	0.0	0.0	-0.1518
0.300	0.0257	-0.0235	0.0	0.0	0.0	-0.1170
0.400	0.0257	-0.0235	0.0	0.0	0.0	-0.0822
0.500	0.0257	-0.0235	0.0	0.0	0.0	-0.0474
0.600	0.0257	-0.0235	0.0	0.0	0.0	-0.0126
0.700	0.0257	-0.0235	0.0	0.0	0.0	0.0223
0.800	0.0257	-0.0235	0.0	0.0	0.0	0.0571
0.900	0.0257	-0.0235	0.0	0.0	0.0	0.0919
1.000	0.0257	-0.0235	0.0	0.0	0.0	0.1267

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

3300363 0

0.0 FR	-0.0044	0.0520	0.0	0.0	0.0	0.7666
0.100	-0.0044	0.0520	0.0	0.0	0.0	0.6895
0.200	-0.0044	0.0520	0.0	0.0	0.0	0.6123
0.300	-0.0044	0.0520	0.0	0.0	0.0	0.5352
0.400	-0.0044	0.0520	0.0	0.0	0.0	0.4581
0.500	-0.0044	0.0520	0.0	0.0	0.0	0.3809
0.600	-0.0044	0.0520	0.0	0.0	0.0	0.3038
0.700	-0.0044	0.0520	0.0	0.0	0.0	0.2267
0.800	-0.0044	0.0520	0.0	0.0	0.0	0.1495
0.900	-0.0044	0.0520	0.0	0.0	0.0	0.0724
1.000	-0.0044	0.0520	0.0	0.0	0.0	-0.0047

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	0.0115	0.0517	0.0	0.0	0.0	0.7525
0.100	0.0115	0.0517	0.0	0.0	0.0	0.6759
0.200	0.0115	0.0517	0.0	0.0	0.0	0.5992
0.300	0.0115	0.0517	0.0	0.0	0.0	0.5226
0.400	0.0115	0.0517	0.0	0.0	0.0	0.4460
0.500	0.0115	0.0517	0.0	0.0	0.0	0.3694
0.600	0.0115	0.0517	0.0	0.0	0.0	0.2927
0.700	0.0115	0.0517	0.0	0.0	0.0	0.2161
0.800	0.0115	0.0517	0.0	0.0	0.0	0.1395
0.900	0.0115	0.0517	0.0	0.0	0.0	0.0628
1.000	0.0115	0.0517	0.0	0.0	0.0	-0.0138

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	0.0257	-0.0235	0.0	0.0	0.0	-0.2215
0.100	0.0257	-0.0235	0.0	0.0	0.0	-0.1867
0.200	0.0257	-0.0235	0.0	0.0	0.0	-0.1518
0.300	0.0257	-0.0235	0.0	0.0	0.0	-0.1170
0.400	0.0257	-0.0235	0.0	0.0	0.0	-0.0822
0.500	0.0257	-0.0235	0.0	0.0	0.0	-0.0474
0.600	0.0257	-0.0235	0.0	0.0	0.0	-0.0126
0.700	0.0257	-0.0235	0.0	0.0	0.0	0.0223
0.800	0.0257	-0.0235	0.0	0.0	0.0	0.0571
0.900	0.0257	-0.0235	0.0	0.0	0.0	0.0919
1.000	0.0257	-0.0235	0.0	0.0	0.0	0.1267

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	0.0323	-0.0233	0.0	0.0	0.0	-0.2196
0.100	0.0323	-0.0233	0.0	0.0	0.0	-0.1851
0.200	0.0323	-0.0233	0.0	0.0	0.0	-0.1505
0.300	0.0323	-0.0233	0.0	0.0	0.0	-0.1160
0.400	0.0323	-0.0233	0.0	0.0	0.0	-0.0815

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0.500	0.0323	-0.0233	0.0	0.0	0.0	-0.0470
0.600	0.0323	-0.0233	0.0	0.0	0.0	-0.0125
0.700	0.0323	-0.0233	0.0	0.0	0.0	0.0220
0.800	0.0323	-0.0233	0.0	0.0	0.0	0.0566
0.900	0.0323	-0.0233	0.0	0.0	0.0	0.0911
1.000	0.0323	-0.0233	0.0	0.0	0.0	0.1256

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	-0.3167	0.0191	0.0	0.0	0.0	0.0710
0.100	-0.3167	0.0191	0.0	0.0	0.0	0.0426
0.200	-0.3167	0.0191	0.0	0.0	0.0	0.0143
0.300	-0.3167	0.0191	0.0	0.0	0.0	-0.0141
0.400	-0.3167	0.0191	0.0	0.0	0.0	-0.0425
0.500	-0.3167	0.0191	0.0	0.0	0.0	-0.0708
0.600	-0.3167	0.0191	0.0	0.0	0.0	-0.0992
0.700	-0.3167	0.0191	0.0	0.0	0.0	-0.1275
0.800	-0.3167	0.0191	0.0	0.0	0.0	-0.1559
0.900	-0.3167	0.0191	0.0	0.0	0.0	-0.1842
1.000	-0.3167	0.0191	0.0	0.0	0.0	-0.2126

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	-0.2898	0.0161	0.0	0.0	0.0	0.0613
0.100	-0.2898	0.0161	0.0	0.0	0.0	0.0373
0.200	-0.2898	0.0161	0.0	0.0	0.0	0.0134
0.300	-0.2898	0.0161	0.0	0.0	0.0	-0.0105
0.400	-0.2898	0.0161	0.0	0.0	0.0	-0.0344
0.500	-0.2898	0.0161	0.0	0.0	0.0	-0.0584
0.600	-0.2898	0.0161	0.0	0.0	0.0	-0.0823
0.700	-0.2898	0.0161	0.0	0.0	0.0	-0.1062
0.800	-0.2898	0.0161	0.0	0.0	0.0	-0.1302
0.900	-0.2898	0.0161	0.0	0.0	0.0	-0.1541
1.000	-0.2898	0.0161	0.0	0.0	0.0	-0.1780

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	-0.3377	0.0292	0.0	0.0	0.0	0.0930
0.100	-0.3377	0.0292	0.0	0.0	0.0	0.0496
0.200	-0.3377	0.0292	0.0	0.0	0.0	0.0063
0.300	-0.3377	0.0292	0.0	0.0	0.0	-0.0371
0.400	-0.3377	0.0292	0.0	0.0	0.0	-0.0805
0.500	-0.3377	0.0292	0.0	0.0	0.0	-0.1238
0.600	-0.3377	0.0292	0.0	0.0	0.0	-0.1672
0.700	-0.3377	0.0292	0.0	0.0	0.0	-0.2105
0.800	-0.3377	0.0292	0.0	0.0	0.0	-0.2539
0.900	-0.3377	0.0292	0.0	0.0	0.0	-0.2973
1.000	-0.3377	0.0292	0.0	0.0	0.0	-0.3406

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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	0.1287	-0.0014	0.0	0.0	0.0	-0.0183
0.100		0.1287	-0.0014	0.0	0.0	0.0	-0.0162
0.200		0.1287	-0.0014	0.0	0.0	0.0	-0.0141
0.300		0.1287	-0.0014	0.0	0.0	0.0	-0.0120
0.400		0.1287	-0.0014	0.0	0.0	0.0	-0.0099
0.500		0.1287	-0.0014	0.0	0.0	0.0	-0.0078
0.600		0.1287	-0.0014	0.0	0.0	0.0	-0.0057
0.700		0.1287	-0.0014	0.0	0.0	0.0	-0.0036
0.800		0.1287	-0.0014	0.0	0.0	0.0	-0.0015
0.900		0.1287	-0.0014	0.0	0.0	0.0	0.0006
1.000		0.1287	-0.0014	0.0	0.0	0.0	0.0027

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	-0.1159	0.0027	0.0	0.0	0.0	0.0143
0.100		-0.1159	0.0027	0.0	0.0	0.0	0.0103
0.200		-0.1159	0.0027	0.0	0.0	0.0	0.0063
0.300		-0.1159	0.0027	0.0	0.0	0.0	0.0023
0.400		-0.1159	0.0027	0.0	0.0	0.0	-0.0017
0.500		-0.1159	0.0027	0.0	0.0	0.0	-0.0057
0.600		-0.1159	0.0027	0.0	0.0	0.0	-0.0097
0.700		-0.1159	0.0027	0.0	0.0	0.0	-0.0136
0.800		-0.1159	0.0027	0.0	0.0	0.0	-0.0176
0.900		-0.1159	0.0027	0.0	0.0	0.0	-0.0216
1.000		-0.1159	0.0027	0.0	0.0	0.0	-0.0256

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	0.1960	-0.0258	0.0	0.0	0.0	-0.0280
0.100		0.1960	-0.0258	0.0	0.0	0.0	0.0102
0.200		0.1960	-0.0258	0.0	0.0	0.0	0.0484
0.300		0.1960	-0.0258	0.0	0.0	0.0	0.0867
0.400		0.1960	-0.0258	0.0	0.0	0.0	0.1249
0.500		0.1960	-0.0258	0.0	0.0	0.0	0.1631
0.600		0.1960	-0.0258	0.0	0.0	0.0	0.2014
0.700		0.1960	-0.0258	0.0	0.0	0.0	0.2396
0.800		0.1960	-0.0258	0.0	0.0	0.0	0.2778
0.900		0.1960	-0.0258	0.0	0.0	0.0	0.3160
1.000		0.1960	-0.0258	0.0	0.0	0.0	0.3543

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	0.2053	-0.0281	0.0	0.0	0.0	-0.0348
0.100	0.2053	-0.0281	0.0	0.0	0.0	0.0068
0.200	0.2053	-0.0281	0.0	0.0	0.0	0.0485
0.300	0.2053	-0.0281	0.0	0.0	0.0	0.0901
0.400	0.2053	-0.0281	0.0	0.0	0.0	0.1317
0.500	0.2053	-0.0281	0.0	0.0	0.0	0.1733
0.600	0.2053	-0.0281	0.0	0.0	0.0	0.2149
0.700	0.2053	-0.0281	0.0	0.0	0.0	0.2565
0.800	0.2053	-0.0281	0.0	0.0	0.0	0.2981
0.900	0.2053	-0.0281	0.0	0.0	0.0	0.3397
1.000	0.2053	-0.0281	0.0	0.0	0.0	0.3813

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	-6.6762	7.9752	0.0	0.0	0.0	23.1425
0.100	-6.6762	6.3632	0.0	0.0	0.0	12.5105
0.200	-6.6762	4.7512	0.0	0.0	0.0	4.2693
0.300	-6.6762	3.1392	0.0	0.0	0.0	-1.5814
0.400	-6.6762	1.5272	0.0	0.0	0.0	-5.0415
0.500	-6.6762	-0.0849	0.0	0.0	0.0	-6.1110
0.600	-6.6762	-1.6969	0.0	0.0	0.0	-4.7898
0.700	-6.6762	-3.3089	0.0	0.0	0.0	-1.0780
0.800	-6.6762	-4.9209	0.0	0.0	0.0	5.0244
0.900	-6.6762	-6.5329	0.0	0.0	0.0	13.5175
1.000	-6.6762	-8.1450	0.0	0.0	0.0	24.4012

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	-6.7559	7.4516	0.0	0.0	0.0	15.8083
0.100	-6.7559	5.7898	0.0	0.0	0.0	5.9901
0.200	-6.7559	4.1294	0.0	0.0	0.0	-1.3648
0.300	-6.7559	2.4703	0.0	0.0	0.0	-6.2582
0.400	-6.7559	0.8125	0.0	0.0	0.0	-8.6922
0.500	-6.7559	-0.8439	0.0	0.0	0.0	-8.6687
0.600	-6.7559	-2.4990	0.0	0.0	0.0	-6.1898
0.700	-6.7559	-4.1528	0.0	0.0	0.0	-1.2572
0.800	-6.7559	-5.8052	0.0	0.0	0.0	6.1268
0.900	-6.7559	-7.4563	0.0	0.0	0.0	15.9605
1.000	-6.7559	-9.1061	0.0	0.0	0.0	28.2417

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	-0.0798	-0.5237	0.0	0.0	0.0	-7.3341
0.100	-0.0798	-0.5734	0.0	0.0	0.0	-6.5205
0.200	-0.0798	-0.6218	0.0	0.0	0.0	-5.6340
0.300	-0.0798	-0.6689	0.0	0.0	0.0	-4.6768
0.400	-0.0798	-0.7147	0.0	0.0	0.0	-3.6507

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0.500	-0.0798	-0.7591	0.0	0.0	0.0	-2.5578
0.600	-0.0798	-0.8022	0.0	0.0	0.0	-1.4000
0.700	-0.0798	-0.8439	0.0	0.0	0.0	-0.1792
0.800	-0.0798	-0.8843	0.0	0.0	0.0	1.1024
0.900	-0.0798	-0.9234	0.0	0.0	0.0	2.4430
1.000	-0.0798	-0.9611	0.0	0.0	0.0	3.8405

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	-0.0118	0.3450	0.0	0.0	0.0	3.6755
0.100	-0.0118	0.3450	0.0	0.0	0.0	3.1638
0.200	-0.0118	0.3450	0.0	0.0	0.0	2.6521
0.300	-0.0118	0.3450	0.0	0.0	0.0	2.1404
0.400	-0.0118	0.3450	0.0	0.0	0.0	1.6288
0.500	-0.0118	0.3450	0.0	0.0	0.0	1.1171
0.600	-0.0118	0.3450	0.0	0.0	0.0	0.6054
0.700	-0.0118	0.3450	0.0	0.0	0.0	0.0937
0.800	-0.0118	0.3450	0.0	0.0	0.0	-0.4180
0.900	-0.0118	0.3450	0.0	0.0	0.0	-0.9296
1.000	-0.0118	0.3450	0.0	0.0	0.0	-1.4413

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	-0.0277	2.8934	0.0	0.0	0.0	30.6084
0.100	-0.0277	2.8934	0.0	0.0	0.0	26.3175
0.200	-0.0277	2.8934	0.0	0.0	0.0	22.0266
0.300	-0.0277	2.8934	0.0	0.0	0.0	17.7358
0.400	-0.0277	2.8934	0.0	0.0	0.0	13.4449
0.500	-0.0277	2.8934	0.0	0.0	0.0	9.1540
0.600	-0.0277	2.8934	0.0	0.0	0.0	4.8631
0.700	-0.0277	2.8934	0.0	0.0	0.0	0.5722
0.800	-0.0277	2.8934	0.0	0.0	0.0	-3.7187
0.900	-0.0277	2.8934	0.0	0.0	0.0	-8.0096
1.000	-0.0277	2.8934	0.0	0.0	0.0	-12.3004

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	6.7918	-7.7696	0.0	0.0	0.0	-24.6060
0.100	6.7918	-6.2273	0.0	0.0	0.0	-14.2272
0.200	6.7918	-4.6850	0.0	0.0	0.0	-6.1358
0.300	6.7918	-3.1427	0.0	0.0	0.0	-0.3316
0.400	6.7918	-1.6004	0.0	0.0	0.0	3.1853
0.500	6.7918	-0.0580	0.0	0.0	0.0	4.4150
0.600	6.7918	1.4843	0.0	0.0	0.0	3.3575
0.700	6.7918	3.0266	0.0	0.0	0.0	0.0126
0.800	6.7918	4.5689	0.0	0.0	0.0	-5.6194
0.900	6.7918	6.1112	0.0	0.0	0.0	-13.5388
1.000	6.7918	7.6536	0.0	0.0	0.0	-23.7454

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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	15.2719	-13.0405	0.0	0.0	0.0	-49.7646
0.100		15.2719	-10.4838	0.0	0.0	0.0	-32.3214
0.200		15.2719	-7.9271	0.0	0.0	0.0	-18.6697
0.300		15.2719	-5.3704	0.0	0.0	0.0	-8.8095
0.400		15.2719	-2.8137	0.0	0.0	0.0	-2.7411
0.500		15.2719	-0.2570	0.0	0.0	0.0	-0.4641
0.600		15.2719	2.2996	0.0	0.0	0.0	-1.9787
0.700		15.2719	4.8563	0.0	0.0	0.0	-7.2848
0.800		15.2719	7.4130	0.0	0.0	0.0	-16.3826
0.900		15.2719	9.9697	0.0	0.0	0.0	-29.2719
1.000		15.2719	12.5264	0.0	0.0	0.0	-45.9528

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	-0.0665	-0.1688	0.0	0.0	0.0	-0.6121
0.100		-0.0665	-0.1688	0.0	0.0	0.0	-0.3617
0.200		-0.0665	-0.1688	0.0	0.0	0.0	-0.1113
0.300		-0.0665	-0.1688	0.0	0.0	0.0	0.1391
0.400		-0.0665	-0.1688	0.0	0.0	0.0	0.3895
0.500		-0.0665	-0.1688	0.0	0.0	0.0	0.6399
0.600		-0.0665	-0.1688	0.0	0.0	0.0	0.8903
0.700		-0.0665	-0.1688	0.0	0.0	0.0	1.1407
0.800		-0.0665	-0.1688	0.0	0.0	0.0	1.3911
0.900		-0.0665	-0.1688	0.0	0.0	0.0	1.6415
1.000		-0.0665	-0.1688	0.0	0.0	0.0	1.8919

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	-0.1593	-1.7949	0.0	0.0	0.0	-7.1663
0.100		-0.1593	-1.7949	0.0	0.0	0.0	-4.5045
0.200		-0.1593	-1.7949	0.0	0.0	0.0	-1.8426
0.300		-0.1593	-1.7949	0.0	0.0	0.0	0.8192
0.400		-0.1593	-1.7949	0.0	0.0	0.0	3.4810
0.500		-0.1593	-1.7949	0.0	0.0	0.0	6.1428
0.600		-0.1593	-1.7949	0.0	0.0	0.0	8.8047
0.700		-0.1593	-1.7949	0.0	0.0	0.0	11.4665
0.800		-0.1593	-1.7949	0.0	0.0	0.0	14.1283
0.900		-0.1593	-1.7949	0.0	0.0	0.0	16.7901
1.000		-0.1593	-1.7949	0.0	0.0	0.0	19.4520

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

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0.0 FR	0.4858	0.0999	0.0	0.0	0.0	1.2104
0.100	0.4858	0.0999	0.0	0.0	0.0	1.0623
0.200	0.4858	0.0999	0.0	0.0	0.0	0.9142
0.300	0.4858	0.0999	0.0	0.0	0.0	0.7661
0.400	0.4858	0.0999	0.0	0.0	0.0	0.6180
0.500	0.4858	0.0999	0.0	0.0	0.0	0.4699
0.600	0.4858	0.0999	0.0	0.0	0.0	0.3218
0.700	0.4858	0.0999	0.0	0.0	0.0	0.1737
0.800	0.4858	0.0999	0.0	0.0	0.0	0.0256
0.900	0.4858	0.0999	0.0	0.0	0.0	-0.1225
1.000	0.4858	0.0999	0.0	0.0	0.0	-0.2706

MEMBER 16

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	-0.2005	-1.0484	0.0	0.0	0.0	-2.5109
0.100	-0.2005	-0.7993	0.0	0.0	0.0	-1.1408
0.200	-0.2005	-0.5501	0.0	0.0	0.0	-0.1403
0.300	-0.2005	-0.3579	0.0	0.0	0.0	0.5246
0.400	-0.2005	-0.1800	0.0	0.0	0.0	0.9234
0.500	-0.2005	-0.0020	0.0	0.0	0.0	1.0583
0.600	-0.2005	0.1760	0.0	0.0	0.0	0.9293
0.700	-0.2005	0.3539	0.0	0.0	0.0	0.5364
0.800	-0.2005	0.5461	0.0	0.0	0.0	-0.1225
0.900	-0.2005	0.7953	0.0	0.0	0.0	-1.1171
1.000	-0.2005	1.0444	0.0	0.0	0.0	-2.4812

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	-0.0015	0.0188	0.0	0.0	0.0	0.2036
0.100	-0.0015	0.0188	0.0	0.0	0.0	0.1757
0.200	-0.0015	0.0188	0.0	0.0	0.0	0.1477
0.300	-0.0015	0.0188	0.0	0.0	0.0	0.1198
0.400	-0.0015	0.0188	0.0	0.0	0.0	0.0918
0.500	-0.0015	0.0188	0.0	0.0	0.0	0.0639
0.600	-0.0015	0.0188	0.0	0.0	0.0	0.0360
0.700	-0.0015	0.0188	0.0	0.0	0.0	0.0080
0.800	-0.0015	0.0188	0.0	0.0	0.0	-0.0199
0.900	-0.0015	0.0188	0.0	0.0	0.0	-0.0479
1.000	-0.0015	0.0188	0.0	0.0	0.0	-0.0758

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

DISTANCE FORCE MOMENT

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FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-0.0194	0.0732	0.0	0.0	0.0	0.8293
0.100	-0.0194	0.0732	0.0	0.0	0.0	0.7207
0.200	-0.0194	0.0732	0.0	0.0	0.0	0.6121
0.300	-0.0194	0.0732	0.0	0.0	0.0	0.5036
0.400	-0.0194	0.0732	0.0	0.0	0.0	0.3950
0.500	-0.0194	0.0732	0.0	0.0	0.0	0.2864
0.600	-0.0194	0.0732	0.0	0.0	0.0	0.1778
0.700	-0.0194	0.0732	0.0	0.0	0.0	0.0692
0.800	-0.0194	0.0732	0.0	0.0	0.0	-0.0393
0.900	-0.0194	0.0732	0.0	0.0	0.0	-0.1479
1.000	-0.0194	0.0732	0.0	0.0	0.0	-0.2565

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	-0.0206	0.0748	0.0	0.0	0.0	0.8494
0.100	-0.0206	0.0748	0.0	0.0	0.0	0.7385
0.200	-0.0206	0.0748	0.0	0.0	0.0	0.6276
0.300	-0.0206	0.0748	0.0	0.0	0.0	0.5166
0.400	-0.0206	0.0748	0.0	0.0	0.0	0.4057
0.500	-0.0206	0.0748	0.0	0.0	0.0	0.2948
0.600	-0.0206	0.0748	0.0	0.0	0.0	0.1839
0.700	-0.0206	0.0748	0.0	0.0	0.0	0.0730
0.800	-0.0206	0.0748	0.0	0.0	0.0	-0.0380
0.900	-0.0206	0.0748	0.0	0.0	0.0	-0.1489
1.000	-0.0206	0.0748	0.0	0.0	0.0	-0.2598

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	-0.0236	0.0736	0.0	0.0	0.0	0.8450
0.100	-0.0236	0.0736	0.0	0.0	0.0	0.7358
0.200	-0.0236	0.0736	0.0	0.0	0.0	0.6267
0.300	-0.0236	0.0736	0.0	0.0	0.0	0.5175
0.400	-0.0236	0.0736	0.0	0.0	0.0	0.4084
0.500	-0.0236	0.0736	0.0	0.0	0.0	0.2992
0.600	-0.0236	0.0736	0.0	0.0	0.0	0.1901
0.700	-0.0236	0.0736	0.0	0.0	0.0	0.0809
0.800	-0.0236	0.0736	0.0	0.0	0.0	-0.0282
0.900	-0.0236	0.0736	0.0	0.0	0.0	-0.1374
1.000	-0.0236	0.0736	0.0	0.0	0.0	-0.2465

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	-0.0234	0.0732	0.0	0.0	0.0	0.8404
0.100	-0.0234	0.0732	0.0	0.0	0.0	0.7319
0.200	-0.0234	0.0732	0.0	0.0	0.0	0.6233
0.300	-0.0234	0.0732	0.0	0.0	0.0	0.5147

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0.400	-0.0234	0.0732	0.0	0.0	0.0	0.4061
0.500	-0.0234	0.0732	0.0	0.0	0.0	0.2975
0.600	-0.0234	0.0732	0.0	0.0	0.0	0.1889
0.700	-0.0234	0.0732	0.0	0.0	0.0	0.0804
0.800	-0.0234	0.0732	0.0	0.0	0.0	-0.0282
0.900	-0.0234	0.0732	0.0	0.0	0.0	-0.1368
1.000	-0.0234	0.0732	0.0	0.0	0.0	-0.2454

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	0.0539	-0.0338	0.0	0.0	0.0	-0.5081
0.100	0.0539	-0.0338	0.0	0.0	0.0	-0.4581
0.200	0.0539	-0.0338	0.0	0.0	0.0	-0.4080
0.300	0.0539	-0.0338	0.0	0.0	0.0	-0.3579
0.400	0.0539	-0.0338	0.0	0.0	0.0	-0.3079
0.500	0.0539	-0.0338	0.0	0.0	0.0	-0.2578
0.600	0.0539	-0.0338	0.0	0.0	0.0	-0.2077
0.700	0.0539	-0.0338	0.0	0.0	0.0	-0.1577
0.800	0.0539	-0.0338	0.0	0.0	0.0	-0.1076
0.900	0.0539	-0.0338	0.0	0.0	0.0	-0.0575
1.000	0.0539	-0.0338	0.0	0.0	0.0	-0.0075

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	0.0545	-0.0349	0.0	0.0	0.0	-0.5216
0.100	0.0545	-0.0349	0.0	0.0	0.0	-0.4698
0.200	0.0545	-0.0349	0.0	0.0	0.0	-0.4181
0.300	0.0545	-0.0349	0.0	0.0	0.0	-0.3664
0.400	0.0545	-0.0349	0.0	0.0	0.0	-0.3147
0.500	0.0545	-0.0349	0.0	0.0	0.0	-0.2630
0.600	0.0545	-0.0349	0.0	0.0	0.0	-0.2113
0.700	0.0545	-0.0349	0.0	0.0	0.0	-0.1595
0.800	0.0545	-0.0349	0.0	0.0	0.0	-0.1078
0.900	0.0545	-0.0349	0.0	0.0	0.0	-0.0561
1.000	0.0545	-0.0349	0.0	0.0	0.0	-0.0044

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	0.0022	0.0114	0.0	0.0	0.0	0.1148
0.100	0.0022	0.0114	0.0	0.0	0.0	0.0979
0.200	0.0022	0.0114	0.0	0.0	0.0	0.0809
0.300	0.0022	0.0114	0.0	0.0	0.0	0.0640
0.400	0.0022	0.0114	0.0	0.0	0.0	0.0470
0.500	0.0022	0.0114	0.0	0.0	0.0	0.0300
0.600	0.0022	0.0114	0.0	0.0	0.0	0.0131
0.700	0.0022	0.0114	0.0	0.0	0.0	-0.0039
0.800	0.0022	0.0114	0.0	0.0	0.0	-0.0208
0.900	0.0022	0.0114	0.0	0.0	0.0	-0.0378

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1.000	0.0022	0.0114	0.0	0.0	0.0	-0.0547

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	-0.0077	-0.0120	0.0	0.0	0.0	-0.1061
0.100	-0.0077	-0.0120	0.0	0.0	0.0	-0.0883
0.200	-0.0077	-0.0120	0.0	0.0	0.0	-0.0704
0.300	-0.0077	-0.0120	0.0	0.0	0.0	-0.0526
0.400	-0.0077	-0.0120	0.0	0.0	0.0	-0.0348
0.500	-0.0077	-0.0120	0.0	0.0	0.0	-0.0169
0.600	-0.0077	-0.0120	0.0	0.0	0.0	0.0009
0.700	-0.0077	-0.0120	0.0	0.0	0.0	0.0188
0.800	-0.0077	-0.0120	0.0	0.0	0.0	0.0366
0.900	-0.0077	-0.0120	0.0	0.0	0.0	0.0544
1.000	-0.0077	-0.0120	0.0	0.0	0.0	0.0723

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	0.0503	-0.0362	0.0	0.0	0.0	-0.5236
0.100	0.0503	-0.0362	0.0	0.0	0.0	-0.4699
0.200	0.0503	-0.0362	0.0	0.0	0.0	-0.4162
0.300	0.0503	-0.0362	0.0	0.0	0.0	-0.3625
0.400	0.0503	-0.0362	0.0	0.0	0.0	-0.3089
0.500	0.0503	-0.0362	0.0	0.0	0.0	-0.2552
0.600	0.0503	-0.0362	0.0	0.0	0.0	-0.2015
0.700	0.0503	-0.0362	0.0	0.0	0.0	-0.1478
0.800	0.0503	-0.0362	0.0	0.0	0.0	-0.0941
0.900	0.0503	-0.0362	0.0	0.0	0.0	-0.0405
1.000	0.0503	-0.0362	0.0	0.0	0.0	0.0132

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	0.0550	-0.0333	0.0	0.0	0.0	-0.5064
0.100	0.0550	-0.0333	0.0	0.0	0.0	-0.4570
0.200	0.0550	-0.0333	0.0	0.0	0.0	-0.4076
0.300	0.0550	-0.0333	0.0	0.0	0.0	-0.3582
0.400	0.0550	-0.0333	0.0	0.0	0.0	-0.3088
0.500	0.0550	-0.0333	0.0	0.0	0.0	-0.2594
0.600	0.0550	-0.0333	0.0	0.0	0.0	-0.2100
0.700	0.0550	-0.0333	0.0	0.0	0.0	-0.1606
0.800	0.0550	-0.0333	0.0	0.0	0.0	-0.1112
0.900	0.0550	-0.0333	0.0	0.0	0.0	-0.0618
1.000	0.0550	-0.0333	0.0	0.0	0.0	-0.0124

LOADING 13 HS-20 #12 EXT & MID CELLS

DISTANCE FORCE MOMENT

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FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	0.0636	-0.0255	0.0	0.0	0.0	-0.4486
0.100	0.0636	-0.0255	0.0	0.0	0.0	-0.4108
0.200	0.0636	-0.0255	0.0	0.0	0.0	-0.3729
0.300	0.0636	-0.0255	0.0	0.0	0.0	-0.3351
0.400	0.0636	-0.0255	0.0	0.0	0.0	-0.2972
0.500	0.0636	-0.0255	0.0	0.0	0.0	-0.2594
0.600	0.0636	-0.0255	0.0	0.0	0.0	-0.2216
0.700	0.0636	-0.0255	0.0	0.0	0.0	-0.1837
0.800	0.0636	-0.0255	0.0	0.0	0.0	-0.1459
0.900	0.0636	-0.0255	0.0	0.0	0.0	-0.1080
1.000	0.0636	-0.0255	0.0	0.0	0.0	-0.0702

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	0.0256	0.0186	0.0	0.0	0.0	0.1253
0.100	0.0256	0.0186	0.0	0.0	0.0	0.0977
0.200	0.0256	0.0186	0.0	0.0	0.0	0.0701
0.300	0.0256	0.0186	0.0	0.0	0.0	0.0426
0.400	0.0256	0.0186	0.0	0.0	0.0	0.0150
0.500	0.0256	0.0186	0.0	0.0	0.0	-0.0125
0.600	0.0256	0.0186	0.0	0.0	0.0	-0.0401
0.700	0.0256	0.0186	0.0	0.0	0.0	-0.0677
0.800	0.0256	0.0186	0.0	0.0	0.0	-0.0952
0.900	0.0256	0.0186	0.0	0.0	0.0	-0.1228
1.000	0.0256	0.0186	0.0	0.0	0.0	-0.1504

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	0.0303	0.0215	0.0	0.0	0.0	0.1425
0.100	0.0303	0.0215	0.0	0.0	0.0	0.1106
0.200	0.0303	0.0215	0.0	0.0	0.0	0.0788
0.300	0.0303	0.0215	0.0	0.0	0.0	0.0469
0.400	0.0303	0.0215	0.0	0.0	0.0	0.0151
0.500	0.0303	0.0215	0.0	0.0	0.0	-0.0168
0.600	0.0303	0.0215	0.0	0.0	0.0	-0.0486
0.700	0.0303	0.0215	0.0	0.0	0.0	-0.0804
0.800	0.0303	0.0215	0.0	0.0	0.0	-0.1123
0.900	0.0303	0.0215	0.0	0.0	0.0	-0.1441
1.000	0.0303	0.0215	0.0	0.0	0.0	-0.1760

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	-0.3204	-0.0489	0.0	0.0	0.0	-0.1951
0.100	-0.3204	-0.0489	0.0	0.0	0.0	-0.1225
0.200	-0.3204	-0.0489	0.0	0.0	0.0	-0.0499
0.300	-0.3204	-0.0489	0.0	0.0	0.0	0.0226

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0.400	-0.3204	-0.0489	0.0	0.0	0.0	0.0952
0.500	-0.3204	-0.0489	0.0	0.0	0.0	0.1678
0.600	-0.3204	-0.0489	0.0	0.0	0.0	0.2403
0.700	-0.3204	-0.0489	0.0	0.0	0.0	0.3129
0.800	-0.3204	-0.0489	0.0	0.0	0.0	0.3854
0.900	-0.3204	-0.0489	0.0	0.0	0.0	0.4580
1.000	-0.3204	-0.0489	0.0	0.0	0.0	0.5306

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	-0.2923	-0.0418	0.0	0.0	0.0	-0.1690
0.100	-0.2923	-0.0418	0.0	0.0	0.0	-0.1071
0.200	-0.2923	-0.0418	0.0	0.0	0.0	-0.0451
0.300	-0.2923	-0.0418	0.0	0.0	0.0	0.0169
0.400	-0.2923	-0.0418	0.0	0.0	0.0	0.0789
0.500	-0.2923	-0.0418	0.0	0.0	0.0	0.1409
0.600	-0.2923	-0.0418	0.0	0.0	0.0	0.2029
0.700	-0.2923	-0.0418	0.0	0.0	0.0	0.2649
0.800	-0.2923	-0.0418	0.0	0.0	0.0	0.3269
0.900	-0.2923	-0.0418	0.0	0.0	0.0	0.3889
1.000	-0.2923	-0.0418	0.0	0.0	0.0	0.4508

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	-0.3508	-0.0689	0.0	0.0	0.0	-0.2475
0.100	-0.3508	-0.0689	0.0	0.0	0.0	-0.1453
0.200	-0.3508	-0.0689	0.0	0.0	0.0	-0.0430
0.300	-0.3508	-0.0689	0.0	0.0	0.0	0.0592
0.400	-0.3508	-0.0689	0.0	0.0	0.0	0.1614
0.500	-0.3508	-0.0689	0.0	0.0	0.0	0.2637
0.600	-0.3508	-0.0689	0.0	0.0	0.0	0.3659
0.700	-0.3508	-0.0689	0.0	0.0	0.0	0.4681
0.800	-0.3508	-0.0689	0.0	0.0	0.0	0.5704
0.900	-0.3508	-0.0689	0.0	0.0	0.0	0.6726
1.000	-0.3508	-0.0689	0.0	0.0	0.0	0.7748

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	0.1228	0.0086	0.0	0.0	0.0	0.0571
0.100	0.1228	0.0086	0.0	0.0	0.0	0.0444
0.200	0.1228	0.0086	0.0	0.0	0.0	0.0317
0.300	0.1228	0.0086	0.0	0.0	0.0	0.0190
0.400	0.1228	0.0086	0.0	0.0	0.0	0.0063
0.500	0.1228	0.0086	0.0	0.0	0.0	-0.0064
0.600	0.1228	0.0086	0.0	0.0	0.0	-0.0191
0.700	0.1228	0.0086	0.0	0.0	0.0	-0.0318
0.800	0.1228	0.0086	0.0	0.0	0.0	-0.0446
0.900	0.1228	0.0086	0.0	0.0	0.0	-0.0573

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1.000	0.1228	0.0086	0.0	0.0	0.0	-0.0700

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	-0.1144	-0.0085	0.0	0.0	0.0	-0.0413
0.100		-0.1144	-0.0085	0.0	0.0	0.0	-0.0288
0.200		-0.1144	-0.0085	0.0	0.0	0.0	-0.0162
0.300		-0.1144	-0.0085	0.0	0.0	0.0	-0.0036
0.400		-0.1144	-0.0085	0.0	0.0	0.0	0.0090
0.500		-0.1144	-0.0085	0.0	0.0	0.0	0.0216
0.600		-0.1144	-0.0085	0.0	0.0	0.0	0.0342
0.700		-0.1144	-0.0085	0.0	0.0	0.0	0.0468
0.800		-0.1144	-0.0085	0.0	0.0	0.0	0.0594
0.900		-0.1144	-0.0085	0.0	0.0	0.0	0.0719
1.000		-0.1144	-0.0085	0.0	0.0	0.0	0.0845

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	0.2337	0.0396	0.0	0.0	0.0	0.0372
0.100		0.2337	0.0396	0.0	0.0	0.0	-0.0215
0.200		0.2337	0.0396	0.0	0.0	0.0	-0.0802
0.300		0.2337	0.0396	0.0	0.0	0.0	-0.1388
0.400		0.2337	0.0396	0.0	0.0	0.0	-0.1975
0.500		0.2337	0.0396	0.0	0.0	0.0	-0.2562
0.600		0.2337	0.0396	0.0	0.0	0.0	-0.3149
0.700		0.2337	0.0396	0.0	0.0	0.0	-0.3736
0.800		0.2337	0.0396	0.0	0.0	0.0	-0.4323
0.900		0.2337	0.0396	0.0	0.0	0.0	-0.4910
1.000		0.2337	0.0396	0.0	0.0	0.0	-0.5497

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	0.2442	0.0448	0.0	0.0	0.0	0.0550
0.100		0.2442	0.0448	0.0	0.0	0.0	-0.0114
0.200		0.2442	0.0448	0.0	0.0	0.0	-0.0778
0.300		0.2442	0.0448	0.0	0.0	0.0	-0.1442
0.400		0.2442	0.0448	0.0	0.0	0.0	-0.2106
0.500		0.2442	0.0448	0.0	0.0	0.0	-0.2770
0.600		0.2442	0.0448	0.0	0.0	0.0	-0.3434
0.700		0.2442	0.0448	0.0	0.0	0.0	-0.4098
0.800		0.2442	0.0448	0.0	0.0	0.0	-0.4762
0.900		0.2442	0.0448	0.0	0.0	0.0	-0.5426
1.000		0.2442	0.0448	0.0	0.0	0.0	-0.6090

LOADING 23 HYDROSTATIC PRESSURE 17.42 FT OF DRAFT

DISTANCE	FORCE			MOMENT		

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FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.0 FR	-6.6798	8.0616	0.0	0.0	0.0	24.4001
0.100	-6.6798	6.4496	0.0	0.0	0.0	13.6400
0.200	-6.6798	4.8376	0.0	0.0	0.0	5.2707
0.300	-6.6798	3.2256	0.0	0.0	0.0	-0.7082
0.400	-6.6798	1.6136	0.0	0.0	0.0	-4.2964
0.500	-6.6798	0.0015	0.0	0.0	0.0	-5.4940
0.600	-6.6798	-1.6105	0.0	0.0	0.0	-4.3010
0.700	-6.6798	-3.2225	0.0	0.0	0.0	-0.7173
0.800	-6.6798	-4.8345	0.0	0.0	0.0	5.2569
0.900	-6.6798	-6.4465	0.0	0.0	0.0	13.6218
1.000	-6.6798	-8.0585	0.0	0.0	0.0	24.3772

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	-6.7534	8.5198	0.0	0.0	0.0	27.9472
0.100	-6.7534	6.8713	0.0	0.0	0.0	16.5349
0.200	-6.7534	5.2240	0.0	0.0	0.0	7.5665
0.300	-6.7534	3.5779	0.0	0.0	0.0	1.0400
0.400	-6.7534	1.9329	0.0	0.0	0.0	-3.0461
0.500	-6.7534	0.2892	0.0	0.0	0.0	-4.6936
0.600	-6.7534	-1.3534	0.0	0.0	0.0	-3.9044
0.700	-6.7534	-2.9948	0.0	0.0	0.0	-0.6801
0.800	-6.7534	-4.6349	0.0	0.0	0.0	4.9775
0.900	-6.7534	-6.2740	0.0	0.0	0.0	13.0665
1.000	-6.7534	-7.9118	0.0	0.0	0.0	23.5854

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	-0.0736	0.4582	0.0	0.0	0.0	3.5470
0.100	-0.0736	0.4217	0.0	0.0	0.0	2.8949
0.200	-0.0736	0.3864	0.0	0.0	0.0	2.2958
0.300	-0.0736	0.3523	0.0	0.0	0.0	1.7482
0.400	-0.0736	0.3194	0.0	0.0	0.0	1.2503
0.500	-0.0736	0.2876	0.0	0.0	0.0	0.8004
0.600	-0.0736	0.2571	0.0	0.0	0.0	0.3966
0.700	-0.0736	0.2277	0.0	0.0	0.0	0.0373
0.800	-0.0736	0.1996	0.0	0.0	0.0	-0.2794
0.900	-0.0736	0.1726	0.0	0.0	0.0	-0.5552
1.000	-0.0736	0.1468	0.0	0.0	0.0	-0.7918

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	-0.0012	-0.1349	0.0	0.0	0.0	-1.4336
0.100	-0.0012	-0.1349	0.0	0.0	0.0	-1.2336
0.200	-0.0012	-0.1349	0.0	0.0	0.0	-1.0336
0.300	-0.0012	-0.1349	0.0	0.0	0.0	-0.8335

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0.400	-0.0012	-0.1349	0.0	0.0	0.0	-0.6335
0.500	-0.0012	-0.1349	0.0	0.0	0.0	-0.4334
0.600	-0.0012	-0.1349	0.0	0.0	0.0	-0.2334
0.700	-0.0012	-0.1349	0.0	0.0	0.0	-0.0333
0.800	-0.0012	-0.1349	0.0	0.0	0.0	0.1667
0.900	-0.0012	-0.1349	0.0	0.0	0.0	0.3667
1.000	-0.0012	-0.1349	0.0	0.0	0.0	0.5668

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	-0.0084	-1.0949	0.0	0.0	0.0	-11.5915
0.100	-0.0084	-1.0949	0.0	0.0	0.0	-9.9677
0.200	-0.0084	-1.0949	0.0	0.0	0.0	-8.3439
0.300	-0.0084	-1.0949	0.0	0.0	0.0	-6.7201
0.400	-0.0084	-1.0949	0.0	0.0	0.0	-5.0964
0.500	-0.0084	-1.0949	0.0	0.0	0.0	-3.4726
0.600	-0.0084	-1.0949	0.0	0.0	0.0	-1.8488
0.700	-0.0084	-1.0949	0.0	0.0	0.0	-0.2250
0.800	-0.0084	-1.0949	0.0	0.0	0.0	1.3987
0.900	-0.0084	-1.0949	0.0	0.0	0.0	3.0225
1.000	-0.0084	-1.0949	0.0	0.0	0.0	4.6463

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	-0.0203	0.2060	0.0	0.0	0.0	2.2288
0.100	-0.0203	0.2060	0.0	0.0	0.0	1.9233
0.200	-0.0203	0.2060	0.0	0.0	0.0	1.6179
0.300	-0.0203	0.2060	0.0	0.0	0.0	1.3124
0.400	-0.0203	0.2060	0.0	0.0	0.0	1.0070
0.500	-0.0203	0.2060	0.0	0.0	0.0	0.7015
0.600	-0.0203	0.2060	0.0	0.0	0.0	0.3960
0.700	-0.0203	0.2060	0.0	0.0	0.0	0.0906
0.800	-0.0203	0.2060	0.0	0.0	0.0	-0.2149
0.900	-0.0203	0.2060	0.0	0.0	0.0	-0.5203
1.000	-0.0203	0.2060	0.0	0.0	0.0	-0.8258

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	-0.0402	1.9808	0.0	0.0	0.0	21.0692
0.100	-0.0402	1.9808	0.0	0.0	0.0	18.1316
0.200	-0.0402	1.9808	0.0	0.0	0.0	15.1940
0.300	-0.0402	1.9808	0.0	0.0	0.0	12.2564
0.400	-0.0402	1.9808	0.0	0.0	0.0	9.3188
0.500	-0.0402	1.9808	0.0	0.0	0.0	6.3812
0.600	-0.0402	1.9808	0.0	0.0	0.0	3.4436
0.700	-0.0402	1.9808	0.0	0.0	0.0	0.5060
0.800	-0.0402	1.9808	0.0	0.0	0.0	-2.4315
0.900	-0.0402	1.9808	0.0	0.0	0.0	-5.3691

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1.000	-0.0402	1.9808	0.0	0.0	0.0	-8.3067

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	6.7476	-7.7363	0.0	0.0	0.0	-24.1262
0.100		6.7476	-6.1940	0.0	0.0	0.0	-13.7969
0.200		6.7476	-4.6517	0.0	0.0	0.0	-5.7550
0.300		6.7476	-3.1093	0.0	0.0	0.0	-0.0002
0.400		6.7476	-1.5670	0.0	0.0	0.0	3.4673
0.500		6.7476	-0.0247	0.0	0.0	0.0	4.6476
0.600		6.7476	1.5176	0.0	0.0	0.0	3.5406
0.700		6.7476	3.0599	0.0	0.0	0.0	0.1464
0.800		6.7476	4.6022	0.0	0.0	0.0	-5.5351
0.900		6.7476	6.1446	0.0	0.0	0.0	-13.5038
1.000		6.7476	7.6869	0.0	0.0	0.0	-23.7598

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	14.9857	-12.7060	0.0	0.0	0.0	-46.9467
0.100		14.9857	-10.1774	0.0	0.0	0.0	-29.9787
0.200		14.9857	-7.6489	0.0	0.0	0.0	-16.7604
0.300		14.9857	-5.1204	0.0	0.0	0.0	-7.2919
0.400		14.9857	-2.5919	0.0	0.0	0.0	-1.5733
0.500		14.9857	-0.0634	0.0	0.0	0.0	0.3956
0.600		14.9857	2.4651	0.0	0.0	0.0	-1.3852
0.700		14.9857	4.9936	0.0	0.0	0.0	-6.9158
0.800		14.9857	7.5221	0.0	0.0	0.0	-16.1961
0.900		14.9857	10.0506	0.0	0.0	0.0	-29.2263
1.000		14.9857	12.5791	0.0	0.0	0.0	-46.0062

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	0.4892	0.0019	0.0	0.0	0.0	-0.3162
0.100		0.4892	0.0019	0.0	0.0	0.0	-0.3190
0.200		0.4892	0.0019	0.0	0.0	0.0	-0.3218
0.300		0.4892	0.0019	0.0	0.0	0.0	-0.3247
0.400		0.4892	0.0019	0.0	0.0	0.0	-0.3275
0.500		0.4892	0.0019	0.0	0.0	0.0	-0.3304
0.600		0.4892	0.0019	0.0	0.0	0.0	-0.3332
0.700		0.4892	0.0019	0.0	0.0	0.0	-0.3360
0.800		0.4892	0.0019	0.0	0.0	0.0	-0.3389
0.900		0.4892	0.0019	0.0	0.0	0.0	-0.3417
1.000		0.4892	0.0019	0.0	0.0	0.0	-0.3446

MEMBER 17

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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	-0.1856	-0.9161	0.0	0.0	0.0	-2.5449
0.100		-0.1856	-0.6668	0.0	0.0	0.0	-1.3704
0.200		-0.1856	-0.4175	0.0	0.0	0.0	-0.5658
0.300		-0.1856	-0.2252	0.0	0.0	0.0	-0.0975
0.400		-0.1856	-0.0471	0.0	0.0	0.0	0.1045
0.500		-0.1856	0.1310	0.0	0.0	0.0	0.0422
0.600		-0.1856	0.3091	0.0	0.0	0.0	-0.2843
0.700		-0.1856	0.4872	0.0	0.0	0.0	-0.8751
0.800		-0.1856	0.6795	0.0	0.0	0.0	-1.7323
0.900		-0.1856	0.9288	0.0	0.0	0.0	-2.9257
1.000		-0.1856	1.1781	0.0	0.0	0.0	-4.4890

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	-0.0002	-0.0073	0.0	0.0	0.0	-0.0805
0.100		-0.0002	-0.0073	0.0	0.0	0.0	-0.0698
0.200		-0.0002	-0.0073	0.0	0.0	0.0	-0.0590
0.300		-0.0002	-0.0073	0.0	0.0	0.0	-0.0482
0.400		-0.0002	-0.0073	0.0	0.0	0.0	-0.0374
0.500		-0.0002	-0.0073	0.0	0.0	0.0	-0.0267
0.600		-0.0002	-0.0073	0.0	0.0	0.0	-0.0159
0.700		-0.0002	-0.0073	0.0	0.0	0.0	-0.0051
0.800		-0.0002	-0.0073	0.0	0.0	0.0	0.0056
0.900		-0.0002	-0.0073	0.0	0.0	0.0	0.0164
1.000		-0.0002	-0.0073	0.0	0.0	0.0	0.0272

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	-0.0038	-0.0314	0.0	0.0	0.0	-0.3702
0.100		-0.0038	-0.0314	0.0	0.0	0.0	-0.3236
0.200		-0.0038	-0.0314	0.0	0.0	0.0	-0.2770
0.300		-0.0038	-0.0314	0.0	0.0	0.0	-0.2304
0.400		-0.0038	-0.0314	0.0	0.0	0.0	-0.1838
0.500		-0.0038	-0.0314	0.0	0.0	0.0	-0.1371
0.600		-0.0038	-0.0314	0.0	0.0	0.0	-0.0905
0.700		-0.0038	-0.0314	0.0	0.0	0.0	-0.0439
0.800		-0.0038	-0.0314	0.0	0.0	0.0	0.0027
0.900		-0.0038	-0.0314	0.0	0.0	0.0	0.0493
1.000		-0.0038	-0.0314	0.0	0.0	0.0	0.0959

LOADING 4 HS-20 #3 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	-0.0040	-0.0323	0.0	0.0	0.0	-0.3815
0.100	-0.0040	-0.0323	0.0	0.0	0.0	-0.3336
0.200	-0.0040	-0.0323	0.0	0.0	0.0	-0.2857
0.300	-0.0040	-0.0323	0.0	0.0	0.0	-0.2378
0.400	-0.0040	-0.0323	0.0	0.0	0.0	-0.1899
0.500	-0.0040	-0.0323	0.0	0.0	0.0	-0.1421
0.600	-0.0040	-0.0323	0.0	0.0	0.0	-0.0942
0.700	-0.0040	-0.0323	0.0	0.0	0.0	-0.0463
0.800	-0.0040	-0.0323	0.0	0.0	0.0	0.0016
0.900	-0.0040	-0.0323	0.0	0.0	0.0	0.0495
1.000	-0.0040	-0.0323	0.0	0.0	0.0	0.0974

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	-0.0046	-0.0325	0.0	0.0	0.0	-0.3892
0.100	-0.0046	-0.0325	0.0	0.0	0.0	-0.3409
0.200	-0.0046	-0.0325	0.0	0.0	0.0	-0.2926
0.300	-0.0046	-0.0325	0.0	0.0	0.0	-0.2444
0.400	-0.0046	-0.0325	0.0	0.0	0.0	-0.1961
0.500	-0.0046	-0.0325	0.0	0.0	0.0	-0.1478
0.600	-0.0046	-0.0325	0.0	0.0	0.0	-0.0995
0.700	-0.0046	-0.0325	0.0	0.0	0.0	-0.0513
0.800	-0.0046	-0.0325	0.0	0.0	0.0	-0.0030
0.900	-0.0046	-0.0325	0.0	0.0	0.0	0.0453
1.000	-0.0046	-0.0325	0.0	0.0	0.0	0.0936

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	-0.0046	-0.0324	0.0	0.0	0.0	-0.3870
0.100	-0.0046	-0.0324	0.0	0.0	0.0	-0.3389
0.200	-0.0046	-0.0324	0.0	0.0	0.0	-0.2909
0.300	-0.0046	-0.0324	0.0	0.0	0.0	-0.2429
0.400	-0.0046	-0.0324	0.0	0.0	0.0	-0.1949
0.500	-0.0046	-0.0324	0.0	0.0	0.0	-0.1469
0.600	-0.0046	-0.0324	0.0	0.0	0.0	-0.0989
0.700	-0.0046	-0.0324	0.0	0.0	0.0	-0.0509
0.800	-0.0046	-0.0324	0.0	0.0	0.0	-0.0029
0.900	-0.0046	-0.0324	0.0	0.0	0.0	0.0451
1.000	-0.0046	-0.0324	0.0	0.0	0.0	0.0932

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	0.0105	0.0252	0.0	0.0	0.0	0.3607
0.100	0.0105	0.0252	0.0	0.0	0.0	0.3233
0.200	0.0105	0.0252	0.0	0.0	0.0	0.2859

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0.300	0.0105	0.0252	0.0	0.0	0.0	0.2484
0.400	0.0105	0.0252	0.0	0.0	0.0	0.2110
0.500	0.0105	0.0252	0.0	0.0	0.0	0.1735
0.600	0.0105	0.0252	0.0	0.0	0.0	0.1361
0.700	0.0105	0.0252	0.0	0.0	0.0	0.0987
0.800	0.0105	0.0252	0.0	0.0	0.0	0.0612
0.900	0.0105	0.0252	0.0	0.0	0.0	0.0238
1.000	0.0105	0.0252	0.0	0.0	0.0	-0.0136

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	0.0106	0.0258	0.0	0.0	0.0	0.3676
0.100	0.0106	0.0258	0.0	0.0	0.0	0.3294
0.200	0.0106	0.0258	0.0	0.0	0.0	0.2911
0.300	0.0106	0.0258	0.0	0.0	0.0	0.2529
0.400	0.0106	0.0258	0.0	0.0	0.0	0.2146
0.500	0.0106	0.0258	0.0	0.0	0.0	0.1764
0.600	0.0106	0.0258	0.0	0.0	0.0	0.1381
0.700	0.0106	0.0258	0.0	0.0	0.0	0.0999
0.800	0.0106	0.0258	0.0	0.0	0.0	0.0616
0.900	0.0106	0.0258	0.0	0.0	0.0	0.0234
1.000	0.0106	0.0258	0.0	0.0	0.0	-0.0149

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	0.0005	-0.0037	0.0	0.0	0.0	-0.0357
0.100	0.0005	-0.0037	0.0	0.0	0.0	-0.0303
0.200	0.0005	-0.0037	0.0	0.0	0.0	-0.0248
0.300	0.0005	-0.0037	0.0	0.0	0.0	-0.0194
0.400	0.0005	-0.0037	0.0	0.0	0.0	-0.0140
0.500	0.0005	-0.0037	0.0	0.0	0.0	-0.0085
0.600	0.0005	-0.0037	0.0	0.0	0.0	-0.0031
0.700	0.0005	-0.0037	0.0	0.0	0.0	0.0024
0.800	0.0005	-0.0037	0.0	0.0	0.0	0.0078
0.900	0.0005	-0.0037	0.0	0.0	0.0	0.0133
1.000	0.0005	-0.0037	0.0	0.0	0.0	0.0187

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	-0.0016	0.0026	0.0	0.0	0.0	0.0155
0.100	-0.0016	0.0026	0.0	0.0	0.0	0.0116
0.200	-0.0016	0.0026	0.0	0.0	0.0	0.0077
0.300	-0.0016	0.0026	0.0	0.0	0.0	0.0038
0.400	-0.0016	0.0026	0.0	0.0	0.0	-0.0001
0.500	-0.0016	0.0026	0.0	0.0	0.0	-0.0040
0.600	-0.0016	0.0026	0.0	0.0	0.0	-0.0079
0.700	-0.0016	0.0026	0.0	0.0	0.0	-0.0118
0.800	-0.0016	0.0026	0.0	0.0	0.0	-0.0157

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0.900	-0.0016	0.0026	0.0	0.0	0.0	-0.0196
1.000	-0.0016	0.0026	0.0	0.0	0.0	-0.0234

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	0.0100	0.0252	0.0	0.0	0.0	0.3543
0.100	0.0100	0.0252	0.0	0.0	0.0	0.3169
0.200	0.0100	0.0252	0.0	0.0	0.0	0.2796
0.300	0.0100	0.0252	0.0	0.0	0.0	0.2422
0.400	0.0100	0.0252	0.0	0.0	0.0	0.2049
0.500	0.0100	0.0252	0.0	0.0	0.0	0.1676
0.600	0.0100	0.0252	0.0	0.0	0.0	0.1302
0.700	0.0100	0.0252	0.0	0.0	0.0	0.0929
0.800	0.0100	0.0252	0.0	0.0	0.0	0.0555
0.900	0.0100	0.0252	0.0	0.0	0.0	0.0182
1.000	0.0100	0.0252	0.0	0.0	0.0	-0.0192

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	0.0107	0.0253	0.0	0.0	0.0	0.3635
0.100	0.0107	0.0253	0.0	0.0	0.0	0.3259
0.200	0.0107	0.0253	0.0	0.0	0.0	0.2884
0.300	0.0107	0.0253	0.0	0.0	0.0	0.2508
0.400	0.0107	0.0253	0.0	0.0	0.0	0.2132
0.500	0.0107	0.0253	0.0	0.0	0.0	0.1757
0.600	0.0107	0.0253	0.0	0.0	0.0	0.1381
0.700	0.0107	0.0253	0.0	0.0	0.0	0.1005
0.800	0.0107	0.0253	0.0	0.0	0.0	0.0630
0.900	0.0107	0.0253	0.0	0.0	0.0	0.0254
1.000	0.0107	0.0253	0.0	0.0	0.0	-0.0122

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	0.0119	0.0250	0.0	0.0	0.0	0.3726
0.100	0.0119	0.0250	0.0	0.0	0.0	0.3356
0.200	0.0119	0.0250	0.0	0.0	0.0	0.2985
0.300	0.0119	0.0250	0.0	0.0	0.0	0.2614
0.400	0.0119	0.0250	0.0	0.0	0.0	0.2243
0.500	0.0119	0.0250	0.0	0.0	0.0	0.1872
0.600	0.0119	0.0250	0.0	0.0	0.0	0.1502
0.700	0.0119	0.0250	0.0	0.0	0.0	0.1131
0.800	0.0119	0.0250	0.0	0.0	0.0	0.0760
0.900	0.0119	0.0250	0.0	0.0	0.0	0.0389
1.000	0.0119	0.0250	0.0	0.0	0.0	0.0018

LOADING 14 HS-20 #13 INT & MID CELLS

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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	0.0051	-0.0007	0.0	0.0	0.0	0.0346
0.100	0.0051	-0.0007	0.0	0.0	0.0	0.0357
0.200	0.0051	-0.0007	0.0	0.0	0.0	0.0368
0.300	0.0051	-0.0007	0.0	0.0	0.0	0.0379
0.400	0.0051	-0.0007	0.0	0.0	0.0	0.0390
0.500	0.0051	-0.0007	0.0	0.0	0.0	0.0400
0.600	0.0051	-0.0007	0.0	0.0	0.0	0.0411
0.700	0.0051	-0.0007	0.0	0.0	0.0	0.0422
0.800	0.0051	-0.0007	0.0	0.0	0.0	0.0433
0.900	0.0051	-0.0007	0.0	0.0	0.0	0.0444
1.000	0.0051	-0.0007	0.0	0.0	0.0	0.0455

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	0.0058	-0.0006	0.0	0.0	0.0	0.0438
0.100	0.0058	-0.0006	0.0	0.0	0.0	0.0447
0.200	0.0058	-0.0006	0.0	0.0	0.0	0.0456
0.300	0.0058	-0.0006	0.0	0.0	0.0	0.0464
0.400	0.0058	-0.0006	0.0	0.0	0.0	0.0473
0.500	0.0058	-0.0006	0.0	0.0	0.0	0.0481
0.600	0.0058	-0.0006	0.0	0.0	0.0	0.0490
0.700	0.0058	-0.0006	0.0	0.0	0.0	0.0499
0.800	0.0058	-0.0006	0.0	0.0	0.0	0.0507
0.900	0.0058	-0.0006	0.0	0.0	0.0	0.0516
1.000	0.0058	-0.0006	0.0	0.0	0.0	0.0524

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	-0.3089	0.1175	0.0	0.0	0.0	0.4670
0.100	-0.3089	0.1175	0.0	0.0	0.0	0.2926
0.200	-0.3089	0.1175	0.0	0.0	0.0	0.1182
0.300	-0.3089	0.1175	0.0	0.0	0.0	-0.0562
0.400	-0.3089	0.1175	0.0	0.0	0.0	-0.2307
0.500	-0.3089	0.1175	0.0	0.0	0.0	-0.4051
0.600	-0.3089	0.1175	0.0	0.0	0.0	-0.5795
0.700	-0.3089	0.1175	0.0	0.0	0.0	-0.7539
0.800	-0.3089	0.1175	0.0	0.0	0.0	-0.9283
0.900	-0.3089	0.1175	0.0	0.0	0.0	-1.1028
1.000	-0.3089	0.1175	0.0	0.0	0.0	-1.2772

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	-0.2846	0.1029	0.0	0.0	0.0	0.4163
0.100	-0.2846	0.1029	0.0	0.0	0.0	0.2636
0.200	-0.2846	0.1029	0.0	0.0	0.0	0.1109

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0.300	-0.2846	0.1029	0.0	0.0	0.0	-0.0418
0.400	-0.2846	0.1029	0.0	0.0	0.0	-0.1945
0.500	-0.2846	0.1029	0.0	0.0	0.0	-0.3472
0.600	-0.2846	0.1029	0.0	0.0	0.0	-0.4999
0.700	-0.2846	0.1029	0.0	0.0	0.0	-0.6526
0.800	-0.2846	0.1029	0.0	0.0	0.0	-0.8054
0.900	-0.2846	0.1029	0.0	0.0	0.0	-0.9581
1.000	-0.2846	0.1029	0.0	0.0	0.0	-1.1108

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	-0.3100	0.1372	0.0	0.0	0.0	0.4603
0.100	-0.3100	0.1372	0.0	0.0	0.0	0.2568
0.200	-0.3100	0.1372	0.0	0.0	0.0	0.0532
0.300	-0.3100	0.1372	0.0	0.0	0.0	-0.1503
0.400	-0.3100	0.1372	0.0	0.0	0.0	-0.3539
0.500	-0.3100	0.1372	0.0	0.0	0.0	-0.5574
0.600	-0.3100	0.1372	0.0	0.0	0.0	-0.7610
0.700	-0.3100	0.1372	0.0	0.0	0.0	-0.9645
0.800	-0.3100	0.1372	0.0	0.0	0.0	-1.1681
0.900	-0.3100	0.1372	0.0	0.0	0.0	-1.3717
1.000	-0.3100	0.1372	0.0	0.0	0.0	-1.5752

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	0.1414	-0.0444	0.0	0.0	0.0	-0.2477
0.100	0.1414	-0.0444	0.0	0.0	0.0	-0.1817
0.200	0.1414	-0.0444	0.0	0.0	0.0	-0.1158
0.300	0.1414	-0.0444	0.0	0.0	0.0	-0.0498
0.400	0.1414	-0.0444	0.0	0.0	0.0	0.0161
0.500	0.1414	-0.0444	0.0	0.0	0.0	0.0821
0.600	0.1414	-0.0444	0.0	0.0	0.0	0.1480
0.700	0.1414	-0.0444	0.0	0.0	0.0	0.2140
0.800	0.1414	-0.0444	0.0	0.0	0.0	0.2799
0.900	0.1414	-0.0444	0.0	0.0	0.0	0.3459
1.000	0.1414	-0.0444	0.0	0.0	0.0	0.4118

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	-0.1191	0.0282	0.0	0.0	0.0	0.1355
0.100	-0.1191	0.0282	0.0	0.0	0.0	0.0936
0.200	-0.1191	0.0282	0.0	0.0	0.0	0.0517
0.300	-0.1191	0.0282	0.0	0.0	0.0	0.0098
0.400	-0.1191	0.0282	0.0	0.0	0.0	-0.0321
0.500	-0.1191	0.0282	0.0	0.0	0.0	-0.0739
0.600	-0.1191	0.0282	0.0	0.0	0.0	-0.1158
0.700	-0.1191	0.0282	0.0	0.0	0.0	-0.1577
0.800	-0.1191	0.0282	0.0	0.0	0.0	-0.1996

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0.900	-0.1191	0.0282	0.0	0.0	0.0	-0.2415
1.000	-0.1191	0.0282	0.0	0.0	0.0	-0.2834

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	0.1734	-0.0593	0.0	0.0	0.0	-0.0431
0.100	0.1734	-0.0593	0.0	0.0	0.0	0.0449
0.200	0.1734	-0.0593	0.0	0.0	0.0	0.1330
0.300	0.1734	-0.0593	0.0	0.0	0.0	0.2210
0.400	0.1734	-0.0593	0.0	0.0	0.0	0.3090
0.500	0.1734	-0.0593	0.0	0.0	0.0	0.3971
0.600	0.1734	-0.0593	0.0	0.0	0.0	0.4851
0.700	0.1734	-0.0593	0.0	0.0	0.0	0.5731
0.800	0.1734	-0.0593	0.0	0.0	0.0	0.6612
0.900	0.1734	-0.0593	0.0	0.0	0.0	0.7492
1.000	0.1734	-0.0593	0.0	0.0	0.0	0.8373

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	0.1800	-0.0687	0.0	0.0	0.0	-0.0712
0.100	0.1800	-0.0687	0.0	0.0	0.0	0.0308
0.200	0.1800	-0.0687	0.0	0.0	0.0	0.1328
0.300	0.1800	-0.0687	0.0	0.0	0.0	0.2347
0.400	0.1800	-0.0687	0.0	0.0	0.0	0.3367
0.500	0.1800	-0.0687	0.0	0.0	0.0	0.4387
0.600	0.1800	-0.0687	0.0	0.0	0.0	0.5406
0.700	0.1800	-0.0687	0.0	0.0	0.0	0.6426
0.800	0.1800	-0.0687	0.0	0.0	0.0	0.7446
0.900	0.1800	-0.0687	0.0	0.0	0.0	0.8466
1.000	0.1800	-0.0687	0.0	0.0	0.0	0.9485

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	-6.6809	8.1516	0.0	0.0	0.0	24.4456
0.100	-6.6809	6.5385	0.0	0.0	0.0	13.5454
0.200	-6.6809	4.9254	0.0	0.0	0.0	5.0394
0.300	-6.6809	3.3123	0.0	0.0	0.0	-1.0730
0.400	-6.6809	1.6992	0.0	0.0	0.0	-4.7915
0.500	-6.6809	0.0861	0.0	0.0	0.0	-6.1161
0.600	-6.6809	-1.5270	0.0	0.0	0.0	-5.0469
0.700	-6.6809	-3.1401	0.0	0.0	0.0	-1.5839
0.800	-6.6809	-4.7533	0.0	0.0	0.0	4.2730
0.900	-6.6809	-6.3664	0.0	0.0	0.0	12.5238
1.000	-6.6809	-7.9795	0.0	0.0	0.0	23.1684

LOADING 24 WAVE FORCE PLUS HYDROSTATIC PRESSURE

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-6.7573	8.1786	0.0	0.0	0.0	23.7691
0.100		-6.7573	6.5409	0.0	0.0	0.0	12.8474
0.200		-6.7573	4.9046	0.0	0.0	0.0	4.3551
0.300		-6.7573	3.2696	0.0	0.0	0.0	-1.7100
0.400		-6.7573	1.6359	0.0	0.0	0.0	-5.3497
0.500		-6.7573	0.0036	0.0	0.0	0.0	-6.5661
0.600		-6.7573	-1.6274	0.0	0.0	0.0	-5.3611
0.700		-6.7573	-3.2570	0.0	0.0	0.0	-1.7367
0.800		-6.7573	-4.8853	0.0	0.0	0.0	4.3050
0.900		-6.7573	-6.5123	0.0	0.0	0.0	12.7623
1.000		-6.7573	-8.1380	0.0	0.0	0.0	23.6329

LOADING 25 WAVE FORCE

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0764	0.0270	0.0	0.0	0.0	-0.6764
0.100		-0.0764	0.0024	0.0	0.0	0.0	-0.6980
0.200		-0.0764	-0.0208	0.0	0.0	0.0	-0.6842
0.300		-0.0764	-0.0427	0.0	0.0	0.0	-0.6370
0.400		-0.0764	-0.0632	0.0	0.0	0.0	-0.5582
0.500		-0.0764	-0.0824	0.0	0.0	0.0	-0.4500
0.600		-0.0764	-0.1003	0.0	0.0	0.0	-0.3142
0.700		-0.0764	-0.1169	0.0	0.0	0.0	-0.1529
0.800		-0.0764	-0.1321	0.0	0.0	0.0	0.0320
0.900		-0.0764	-0.1460	0.0	0.0	0.0	0.2385
1.000		-0.0764	-0.1585	0.0	0.0	0.0	0.4646

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	-0.0035	0.0501	0.0	0.0	0.0	0.5411
0.100		-0.0035	0.0501	0.0	0.0	0.0	0.4668
0.200		-0.0035	0.0501	0.0	0.0	0.0	0.3925
0.300		-0.0035	0.0501	0.0	0.0	0.0	0.3182
0.400		-0.0035	0.0501	0.0	0.0	0.0	0.2439
0.500		-0.0035	0.0501	0.0	0.0	0.0	0.1696
0.600		-0.0035	0.0501	0.0	0.0	0.0	0.0953
0.700		-0.0035	0.0501	0.0	0.0	0.0	0.0210
0.800		-0.0035	0.0501	0.0	0.0	0.0	-0.0533
0.900		-0.0035	0.0501	0.0	0.0	0.0	-0.1276
1.000		-0.0035	0.0501	0.0	0.0	0.0	-0.2019

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	-0.0113	0.4018	0.0	0.0	0.0	4.3195
0.100		-0.0113	0.4018	0.0	0.0	0.0	3.7232
0.200		-0.0113	0.4018	0.0	0.0	0.0	3.1268

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0.300	-0.0113	0.4018	0.0	0.0	0.0	2.5305
0.400	-0.0113	0.4018	0.0	0.0	0.0	1.9342
0.500	-0.0113	0.4018	0.0	0.0	0.0	1.3379
0.600	-0.0113	0.4018	0.0	0.0	0.0	0.7416
0.700	-0.0113	0.4018	0.0	0.0	0.0	0.1452
0.800	-0.0113	0.4018	0.0	0.0	0.0	-0.4511
0.900	-0.0113	0.4018	0.0	0.0	0.0	-1.0474
1.000	-0.0113	0.4018	0.0	0.0	0.0	-1.6437

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	-0.0068	-0.0795	0.0	0.0	0.0	-0.8839
0.100	-0.0068	-0.0795	0.0	0.0	0.0	-0.7660
0.200	-0.0068	-0.0795	0.0	0.0	0.0	-0.6481
0.300	-0.0068	-0.0795	0.0	0.0	0.0	-0.5302
0.400	-0.0068	-0.0795	0.0	0.0	0.0	-0.4123
0.500	-0.0068	-0.0795	0.0	0.0	0.0	-0.2944
0.600	-0.0068	-0.0795	0.0	0.0	0.0	-0.1765
0.700	-0.0068	-0.0795	0.0	0.0	0.0	-0.0586
0.800	-0.0068	-0.0795	0.0	0.0	0.0	0.0594
0.900	-0.0068	-0.0795	0.0	0.0	0.0	0.1773
1.000	-0.0068	-0.0795	0.0	0.0	0.0	0.2952

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	-0.0104	-0.7344	0.0	0.0	0.0	-7.9580
0.100	-0.0104	-0.7344	0.0	0.0	0.0	-6.8681
0.200	-0.0104	-0.7344	0.0	0.0	0.0	-5.7782
0.300	-0.0104	-0.7344	0.0	0.0	0.0	-4.6883
0.400	-0.0104	-0.7344	0.0	0.0	0.0	-3.5985
0.500	-0.0104	-0.7344	0.0	0.0	0.0	-2.5086
0.600	-0.0104	-0.7344	0.0	0.0	0.0	-1.4187
0.700	-0.0104	-0.7344	0.0	0.0	0.0	-0.3288
0.800	-0.0104	-0.7344	0.0	0.0	0.0	0.7611
0.900	-0.0104	-0.7344	0.0	0.0	0.0	1.8510
1.000	-0.0104	-0.7344	0.0	0.0	0.0	2.9408

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	0.0042	0.1536	0.0	0.0	0.0	1.7297
0.100	0.0042	0.1536	0.0	0.0	0.0	1.5018
0.200	0.0042	0.1536	0.0	0.0	0.0	1.2738
0.300	0.0042	0.1536	0.0	0.0	0.0	1.0459
0.400	0.0042	0.1536	0.0	0.0	0.0	0.8180
0.500	0.0042	0.1536	0.0	0.0	0.0	0.5901
0.600	0.0042	0.1536	0.0	0.0	0.0	0.3622
0.700	0.0042	0.1536	0.0	0.0	0.0	0.1342
0.800	0.0042	0.1536	0.0	0.0	0.0	-0.0937

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0.900	0.0042	0.1536	0.0	0.0	0.0	-0.3216
1.000	0.0042	0.1536	0.0	0.0	0.0	-0.5495

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	-0.0028	1.7531	0.0	0.0	0.0	19.0180
0.100	-0.0028	1.7531	0.0	0.0	0.0	16.4165
0.200	-0.0028	1.7531	0.0	0.0	0.0	13.8150
0.300	-0.0028	1.7531	0.0	0.0	0.0	11.2134
0.400	-0.0028	1.7531	0.0	0.0	0.0	8.6119
0.500	-0.0028	1.7531	0.0	0.0	0.0	6.0104
0.600	-0.0028	1.7531	0.0	0.0	0.0	3.4088
0.700	-0.0028	1.7531	0.0	0.0	0.0	0.8073
0.800	-0.0028	1.7531	0.0	0.0	0.0	-1.7942
0.900	-0.0028	1.7531	0.0	0.0	0.0	-4.3958
1.000	-0.0028	1.7531	0.0	0.0	0.0	-6.9973

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	0.4785	-0.0895	0.0	0.0	0.0	-0.2032
0.100	0.4785	-0.0895	0.0	0.0	0.0	-0.0704
0.200	0.4785	-0.0895	0.0	0.0	0.0	0.0623
0.300	0.4785	-0.0895	0.0	0.0	0.0	0.1951
0.400	0.4785	-0.0895	0.0	0.0	0.0	0.3278
0.500	0.4785	-0.0895	0.0	0.0	0.0	0.4606
0.600	0.4785	-0.0895	0.0	0.0	0.0	0.5933
0.700	0.4785	-0.0895	0.0	0.0	0.0	0.7261
0.800	0.4785	-0.0895	0.0	0.0	0.0	0.8588
0.900	0.4785	-0.0895	0.0	0.0	0.0	0.9916
1.000	0.4785	-0.0895	0.0	0.0	0.0	1.1243

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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	-0.2124	-1.4376	0.0	0.0	0.0	-4.3788
0.100	-0.2124	-1.1885	0.0	0.0	0.0	-2.4316
0.200	-0.2124	-0.9393	0.0	0.0	0.0	-0.8538
0.300	-0.2124	-0.7471	0.0	0.0	0.0	0.3882
0.400	-0.2124	-0.5692	0.0	0.0	0.0	1.3642
0.500	-0.2124	-0.3912	0.0	0.0	0.0	2.0763
0.600	-0.2124	-0.2132	0.0	0.0	0.0	2.5245
0.700	-0.2124	-0.0353	0.0	0.0	0.0	2.7088

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0.800	-0.2124	0.1611	0.0	0.0	0.0	2.6264
0.900	-0.2124	0.4310	0.0	0.0	0.0	2.1874
1.000	-0.2124	0.7009	0.0	0.0	0.0	1.3482

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	-0.0006	0.0018	0.0	0.0	0.0	0.0275
0.100	-0.0006	0.0018	0.0	0.0	0.0	0.0248
0.200	-0.0006	0.0018	0.0	0.0	0.0	0.0221
0.300	-0.0006	0.0018	0.0	0.0	0.0	0.0194
0.400	-0.0006	0.0018	0.0	0.0	0.0	0.0167
0.500	-0.0006	0.0018	0.0	0.0	0.0	0.0140
0.600	-0.0006	0.0018	0.0	0.0	0.0	0.0113
0.700	-0.0006	0.0018	0.0	0.0	0.0	0.0086
0.800	-0.0006	0.0018	0.0	0.0	0.0	0.0059
0.900	-0.0006	0.0018	0.0	0.0	0.0	0.0032
1.000	-0.0006	0.0018	0.0	0.0	0.0	0.0005

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	-0.0085	0.0047	0.0	0.0	0.0	0.1227
0.100	-0.0085	0.0047	0.0	0.0	0.0	0.1157
0.200	-0.0085	0.0047	0.0	0.0	0.0	0.1088
0.300	-0.0085	0.0047	0.0	0.0	0.0	0.1019
0.400	-0.0085	0.0047	0.0	0.0	0.0	0.0950
0.500	-0.0085	0.0047	0.0	0.0	0.0	0.0881
0.600	-0.0085	0.0047	0.0	0.0	0.0	0.0812
0.700	-0.0085	0.0047	0.0	0.0	0.0	0.0743
0.800	-0.0085	0.0047	0.0	0.0	0.0	0.0674
0.900	-0.0085	0.0047	0.0	0.0	0.0	0.0605
1.000	-0.0085	0.0047	0.0	0.0	0.0	0.0535

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	-0.0090	0.0046	0.0	0.0	0.0	0.1262
0.100	-0.0090	0.0046	0.0	0.0	0.0	0.1194
0.200	-0.0090	0.0046	0.0	0.0	0.0	0.1125
0.300	-0.0090	0.0046	0.0	0.0	0.0	0.1057
0.400	-0.0090	0.0046	0.0	0.0	0.0	0.0988
0.500	-0.0090	0.0046	0.0	0.0	0.0	0.0920
0.600	-0.0090	0.0046	0.0	0.0	0.0	0.0851
0.700	-0.0090	0.0046	0.0	0.0	0.0	0.0783
0.800	-0.0090	0.0046	0.0	0.0	0.0	0.0714
0.900	-0.0090	0.0046	0.0	0.0	0.0	0.0646
1.000	-0.0090	0.0046	0.0	0.0	0.0	0.0577

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	-0.0104	0.0040	0.0	0.0	0.0	0.1280
0.100	-0.0104	0.0040	0.0	0.0	0.0	0.1221
0.200	-0.0104	0.0040	0.0	0.0	0.0	0.1162
0.300	-0.0104	0.0040	0.0	0.0	0.0	0.1104
0.400	-0.0104	0.0040	0.0	0.0	0.0	0.1045
0.500	-0.0104	0.0040	0.0	0.0	0.0	0.0986
0.600	-0.0104	0.0040	0.0	0.0	0.0	0.0927
0.700	-0.0104	0.0040	0.0	0.0	0.0	0.0868
0.800	-0.0104	0.0040	0.0	0.0	0.0	0.0810
0.900	-0.0104	0.0040	0.0	0.0	0.0	0.0751
1.000	-0.0104	0.0040	0.0	0.0	0.0	0.0692

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	-0.0103	0.0040	0.0	0.0	0.0	0.1273
0.100	-0.0103	0.0040	0.0	0.0	0.0	0.1214
0.200	-0.0103	0.0040	0.0	0.0	0.0	0.1156
0.300	-0.0103	0.0040	0.0	0.0	0.0	0.1097
0.400	-0.0103	0.0040	0.0	0.0	0.0	0.1038
0.500	-0.0103	0.0040	0.0	0.0	0.0	0.0979
0.600	-0.0103	0.0040	0.0	0.0	0.0	0.0921
0.700	-0.0103	0.0040	0.0	0.0	0.0	0.0862
0.800	-0.0103	0.0040	0.0	0.0	0.0	0.0803
0.900	-0.0103	0.0040	0.0	0.0	0.0	0.0744
1.000	-0.0103	0.0040	0.0	0.0	0.0	0.0685

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	0.0238	0.0053	0.0	0.0	0.0	-0.1117
0.100	0.0238	0.0053	0.0	0.0	0.0	-0.1196
0.200	0.0238	0.0053	0.0	0.0	0.0	-0.1274
0.300	0.0238	0.0053	0.0	0.0	0.0	-0.1352
0.400	0.0238	0.0053	0.0	0.0	0.0	-0.1430
0.500	0.0238	0.0053	0.0	0.0	0.0	-0.1508
0.600	0.0238	0.0053	0.0	0.0	0.0	-0.1586
0.700	0.0238	0.0053	0.0	0.0	0.0	-0.1664
0.800	0.0238	0.0053	0.0	0.0	0.0	-0.1742
0.900	0.0238	0.0053	0.0	0.0	0.0	-0.1820
1.000	0.0238	0.0053	0.0	0.0	0.0	-0.1898

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	0.0241	0.0052	0.0	0.0	0.0	-0.1140
0.100	0.0241	0.0052	0.0	0.0	0.0	-0.1217

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0.200	0.0241	0.0052	0.0	0.0	0.0	-0.1295
0.300	0.0241	0.0052	0.0	0.0	0.0	-0.1373
0.400	0.0241	0.0052	0.0	0.0	0.0	-0.1451
0.500	0.0241	0.0052	0.0	0.0	0.0	-0.1529
0.600	0.0241	0.0052	0.0	0.0	0.0	-0.1606
0.700	0.0241	0.0052	0.0	0.0	0.0	-0.1684
0.800	0.0241	0.0052	0.0	0.0	0.0	-0.1762
0.900	0.0241	0.0052	0.0	0.0	0.0	-0.1840
1.000	0.0241	0.0052	0.0	0.0	0.0	-0.1918

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	0.0010	0.0016	0.0	0.0	0.0	0.0130
0.100	0.0010	0.0016	0.0	0.0	0.0	0.0105
0.200	0.0010	0.0016	0.0	0.0	0.0	0.0081
0.300	0.0010	0.0016	0.0	0.0	0.0	0.0056
0.400	0.0010	0.0016	0.0	0.0	0.0	0.0032
0.500	0.0010	0.0016	0.0	0.0	0.0	0.0008
0.600	0.0010	0.0016	0.0	0.0	0.0	-0.0017
0.700	0.0010	0.0016	0.0	0.0	0.0	-0.0041
0.800	0.0010	0.0016	0.0	0.0	0.0	-0.0066
0.900	0.0010	0.0016	0.0	0.0	0.0	-0.0090
1.000	0.0010	0.0016	0.0	0.0	0.0	-0.0115

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	-0.0035	-0.0027	0.0	0.0	0.0	-0.0076
0.100	-0.0035	-0.0027	0.0	0.0	0.0	-0.0036
0.200	-0.0035	-0.0027	0.0	0.0	0.0	0.0004
0.300	-0.0035	-0.0027	0.0	0.0	0.0	0.0043
0.400	-0.0035	-0.0027	0.0	0.0	0.0	0.0083
0.500	-0.0035	-0.0027	0.0	0.0	0.0	0.0123
0.600	-0.0035	-0.0027	0.0	0.0	0.0	0.0162
0.700	-0.0035	-0.0027	0.0	0.0	0.0	0.0202
0.800	-0.0035	-0.0027	0.0	0.0	0.0	0.0242
0.900	-0.0035	-0.0027	0.0	0.0	0.0	0.0282
1.000	-0.0035	-0.0027	0.0	0.0	0.0	0.0321

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	0.0224	0.0046	0.0	0.0	0.0	-0.1095
0.100	0.0224	0.0046	0.0	0.0	0.0	-0.1163
0.200	0.0224	0.0046	0.0	0.0	0.0	-0.1231
0.300	0.0224	0.0046	0.0	0.0	0.0	-0.1300
0.400	0.0224	0.0046	0.0	0.0	0.0	-0.1368
0.500	0.0224	0.0046	0.0	0.0	0.0	-0.1436
0.600	0.0224	0.0046	0.0	0.0	0.0	-0.1505
0.700	0.0224	0.0046	0.0	0.0	0.0	-0.1573

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0.800	0.0224	0.0046	0.0	0.0	0.0	-0.1641
0.900	0.0224	0.0046	0.0	0.0	0.0	-0.1709
1.000	0.0224	0.0046	0.0	0.0	0.0	-0.1778

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	0.0243	0.0055	0.0	0.0	0.0	-0.1124
0.100	0.0243	0.0055	0.0	0.0	0.0	-0.1206
0.200	0.0243	0.0055	0.0	0.0	0.0	-0.1287
0.300	0.0243	0.0055	0.0	0.0	0.0	-0.1369
0.400	0.0243	0.0055	0.0	0.0	0.0	-0.1451
0.500	0.0243	0.0055	0.0	0.0	0.0	-0.1532
0.600	0.0243	0.0055	0.0	0.0	0.0	-0.1614
0.700	0.0243	0.0055	0.0	0.0	0.0	-0.1695
0.800	0.0243	0.0055	0.0	0.0	0.0	-0.1777
0.900	0.0243	0.0055	0.0	0.0	0.0	-0.1858
1.000	0.0243	0.0055	0.0	0.0	0.0	-0.1940

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	0.0276	0.0071	0.0	0.0	0.0	-0.1155
0.100	0.0276	0.0071	0.0	0.0	0.0	-0.1261
0.200	0.0276	0.0071	0.0	0.0	0.0	-0.1366
0.300	0.0276	0.0071	0.0	0.0	0.0	-0.1472
0.400	0.0276	0.0071	0.0	0.0	0.0	-0.1577
0.500	0.0276	0.0071	0.0	0.0	0.0	-0.1683
0.600	0.0276	0.0071	0.0	0.0	0.0	-0.1788
0.700	0.0276	0.0071	0.0	0.0	0.0	-0.1894
0.800	0.0276	0.0071	0.0	0.0	0.0	-0.1999
0.900	0.0276	0.0071	0.0	0.0	0.0	-0.2105
1.000	0.0276	0.0071	0.0	0.0	0.0	-0.2210

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	0.0114	0.0063	0.0	0.0	0.0	-0.0058
0.100	0.0114	0.0063	0.0	0.0	0.0	-0.0151
0.200	0.0114	0.0063	0.0	0.0	0.0	-0.0245
0.300	0.0114	0.0063	0.0	0.0	0.0	-0.0339
0.400	0.0114	0.0063	0.0	0.0	0.0	-0.0432
0.500	0.0114	0.0063	0.0	0.0	0.0	-0.0526
0.600	0.0114	0.0063	0.0	0.0	0.0	-0.0620
0.700	0.0114	0.0063	0.0	0.0	0.0	-0.0714
0.800	0.0114	0.0063	0.0	0.0	0.0	-0.0807
0.900	0.0114	0.0063	0.0	0.0	0.0	-0.0901
1.000	0.0114	0.0063	0.0	0.0	0.0	-0.0995

LOADING 15 HS-20 #14 INT & MID CELLS

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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	0.0134	0.0072	0.0	0.0	0.0	-0.0087
0.100	0.0134	0.0072	0.0	0.0	0.0	-0.0194
0.200	0.0134	0.0072	0.0	0.0	0.0	-0.0301
0.300	0.0134	0.0072	0.0	0.0	0.0	-0.0408
0.400	0.0134	0.0072	0.0	0.0	0.0	-0.0515
0.500	0.0134	0.0072	0.0	0.0	0.0	-0.0622
0.600	0.0134	0.0072	0.0	0.0	0.0	-0.0729
0.700	0.0134	0.0072	0.0	0.0	0.0	-0.0836
0.800	0.0134	0.0072	0.0	0.0	0.0	-0.0943
0.900	0.0134	0.0072	0.0	0.0	0.0	-0.1050
1.000	0.0134	0.0072	0.0	0.0	0.0	-0.1157

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	-0.3443	-0.2823	0.0	0.0	0.0	-1.0474
0.100	-0.3443	-0.2823	0.0	0.0	0.0	-0.6287
0.200	-0.3443	-0.2823	0.0	0.0	0.0	-0.2100
0.300	-0.3443	-0.2823	0.0	0.0	0.0	0.2087
0.400	-0.3443	-0.2823	0.0	0.0	0.0	0.6274
0.500	-0.3443	-0.2823	0.0	0.0	0.0	1.0461
0.600	-0.3443	-0.2823	0.0	0.0	0.0	1.4648
0.700	-0.3443	-0.2823	0.0	0.0	0.0	1.8835
0.800	-0.3443	-0.2823	0.0	0.0	0.0	2.3022
0.900	-0.3443	-0.2823	0.0	0.0	0.0	2.7209
1.000	-0.3443	-0.2823	0.0	0.0	0.0	3.1396

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	-0.3085	-0.2558	0.0	0.0	0.0	-0.9747
0.100	-0.3085	-0.2558	0.0	0.0	0.0	-0.5954
0.200	-0.3085	-0.2558	0.0	0.0	0.0	-0.2160
0.300	-0.3085	-0.2558	0.0	0.0	0.0	0.1633
0.400	-0.3085	-0.2558	0.0	0.0	0.0	0.5427
0.500	-0.3085	-0.2558	0.0	0.0	0.0	0.9221
0.600	-0.3085	-0.2558	0.0	0.0	0.0	1.3014
0.700	-0.3085	-0.2558	0.0	0.0	0.0	1.6808
0.800	-0.3085	-0.2558	0.0	0.0	0.0	2.0601
0.900	-0.3085	-0.2558	0.0	0.0	0.0	2.4395
1.000	-0.3085	-0.2558	0.0	0.0	0.0	2.8188

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	-0.3882	-0.3024	0.0	0.0	0.0	-0.9774
0.100	-0.3882	-0.3024	0.0	0.0	0.0	-0.5290

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0.200	-0.3882	-0.3024	0.0	0.0	0.0	-0.0806
0.300	-0.3882	-0.3024	0.0	0.0	0.0	0.3678
0.400	-0.3882	-0.3024	0.0	0.0	0.0	0.8161
0.500	-0.3882	-0.3024	0.0	0.0	0.0	1.2645
0.600	-0.3882	-0.3024	0.0	0.0	0.0	1.7129
0.700	-0.3882	-0.3024	0.0	0.0	0.0	2.1613
0.800	-0.3882	-0.3024	0.0	0.0	0.0	2.6097
0.900	-0.3882	-0.3024	0.0	0.0	0.0	3.0581
1.000	-0.3882	-0.3024	0.0	0.0	0.0	3.5065

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	0.1309	0.1181	0.0	0.0	0.0	0.5354
0.100	0.1309	0.1181	0.0	0.0	0.0	0.3602
0.200	0.1309	0.1181	0.0	0.0	0.0	0.1851
0.300	0.1309	0.1181	0.0	0.0	0.0	0.0099
0.400	0.1309	0.1181	0.0	0.0	0.0	-0.1652
0.500	0.1309	0.1181	0.0	0.0	0.0	-0.3404
0.600	0.1309	0.1181	0.0	0.0	0.0	-0.5155
0.700	0.1309	0.1181	0.0	0.0	0.0	-0.6907
0.800	0.1309	0.1181	0.0	0.0	0.0	-0.8658
0.900	0.1309	0.1181	0.0	0.0	0.0	-1.0410
1.000	0.1309	0.1181	0.0	0.0	0.0	-1.2161

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	-0.1051	-0.0952	0.0	0.0	0.0	-0.4348
0.100	-0.1051	-0.0952	0.0	0.0	0.0	-0.2935
0.200	-0.1051	-0.0952	0.0	0.0	0.0	-0.1523
0.300	-0.1051	-0.0952	0.0	0.0	0.0	-0.0111
0.400	-0.1051	-0.0952	0.0	0.0	0.0	0.1301
0.500	-0.1051	-0.0952	0.0	0.0	0.0	0.2713
0.600	-0.1051	-0.0952	0.0	0.0	0.0	0.4125
0.700	-0.1051	-0.0952	0.0	0.0	0.0	0.5537
0.800	-0.1051	-0.0952	0.0	0.0	0.0	0.6949
0.900	-0.1051	-0.0952	0.0	0.0	0.0	0.8362
1.000	-0.1051	-0.0952	0.0	0.0	0.0	0.9774

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	0.2224	0.1660	0.0	0.0	0.0	0.4658
0.100	0.2224	0.1660	0.0	0.0	0.0	0.2197
0.200	0.2224	0.1660	0.0	0.0	0.0	-0.0264
0.300	0.2224	0.1660	0.0	0.0	0.0	-0.2726
0.400	0.2224	0.1660	0.0	0.0	0.0	-0.5187
0.500	0.2224	0.1660	0.0	0.0	0.0	-0.7648
0.600	0.2224	0.1660	0.0	0.0	0.0	-1.0109
0.700	0.2224	0.1660	0.0	0.0	0.0	-1.2570

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0.800	0.2224	0.1660	0.0	0.0	0.0	-1.5031
0.900	0.2224	0.1660	0.0	0.0	0.0	-1.7492
1.000	0.2224	0.1660	0.0	0.0	0.0	-1.9954

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	0.2409	0.1774	0.0	0.0	0.0	0.4756
0.100	0.2409	0.1774	0.0	0.0	0.0	0.2125
0.200	0.2409	0.1774	0.0	0.0	0.0	-0.0506
0.300	0.2409	0.1774	0.0	0.0	0.0	-0.3138
0.400	0.2409	0.1774	0.0	0.0	0.0	-0.5769
0.500	0.2409	0.1774	0.0	0.0	0.0	-0.8400
0.600	0.2409	0.1774	0.0	0.0	0.0	-1.1032
0.700	0.2409	0.1774	0.0	0.0	0.0	-1.3663
0.800	0.2409	0.1774	0.0	0.0	0.0	-1.6294
0.900	0.2409	0.1774	0.0	0.0	0.0	-1.8926
1.000	0.2409	0.1774	0.0	0.0	0.0	-2.1557

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	-6.6893	7.7836	0.0	0.0	0.0	23.1750
0.100	-6.6893	6.1716	0.0	0.0	0.0	12.8272
0.200	-6.6893	4.5596	0.0	0.0	0.0	4.8701
0.300	-6.6893	2.9476	0.0	0.0	0.0	-0.6964
0.400	-6.6893	1.3355	0.0	0.0	0.0	-3.8723
0.500	-6.6893	-0.2765	0.0	0.0	0.0	-4.6576
0.600	-6.6893	-1.8885	0.0	0.0	0.0	-3.0523
0.700	-6.6893	-3.5005	0.0	0.0	0.0	0.9437
0.800	-6.6893	-5.1125	0.0	0.0	0.0	7.3303
0.900	-6.6893	-6.7246	0.0	0.0	0.0	16.1075
1.000	-6.6893	-8.3366	0.0	0.0	0.0	27.2754

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	-6.7639	7.8277	0.0	0.0	0.0	23.5743
0.100	-6.7639	6.2044	0.0	0.0	0.0	13.1698
0.200	-6.7639	4.5823	0.0	0.0	0.0	5.1717
0.300	-6.7639	2.9614	0.0	0.0	0.0	-0.4217
0.400	-6.7639	1.3416	0.0	0.0	0.0	-3.6123
0.500	-6.7639	-0.2769	0.0	0.0	0.0	-4.4016
0.600	-6.7639	-1.8943	0.0	0.0	0.0	-2.7915
0.700	-6.7639	-3.5104	0.0	0.0	0.0	1.2163
0.800	-6.7639	-5.1254	0.0	0.0	0.0	7.6199
0.900	-6.7639	-6.7392	0.0	0.0	0.0	16.4177
1.000	-6.7639	-8.3518	0.0	0.0	0.0	27.6079

LOADING 25 WAVE FORCE

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DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	-0.0746	0.0441	0.0	0.0	0.0	0.3994
0.100		-0.0746	0.0328	0.0	0.0	0.0	0.3426
0.200		-0.0746	0.0227	0.0	0.0	0.0	0.3016
0.300		-0.0746	0.0138	0.0	0.0	0.0	0.2747
0.400		-0.0746	0.0061	0.0	0.0	0.0	0.2601
0.500		-0.0746	-0.0004	0.0	0.0	0.0	0.2560
0.600		-0.0746	-0.0058	0.0	0.0	0.0	0.2608
0.700		-0.0746	-0.0099	0.0	0.0	0.0	0.2725
0.800		-0.0746	-0.0129	0.0	0.0	0.0	0.2896
0.900		-0.0746	-0.0147	0.0	0.0	0.0	0.3102
1.000		-0.0746	-0.0153	0.0	0.0	0.0	0.3325

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	-0.0016	-0.0181	0.0	0.0	0.0	-0.2069
0.100		-0.0016	-0.0181	0.0	0.0	0.0	-0.1800
0.200		-0.0016	-0.0181	0.0	0.0	0.0	-0.1532
0.300		-0.0016	-0.0181	0.0	0.0	0.0	-0.1263
0.400		-0.0016	-0.0181	0.0	0.0	0.0	-0.0995
0.500		-0.0016	-0.0181	0.0	0.0	0.0	-0.0726
0.600		-0.0016	-0.0181	0.0	0.0	0.0	-0.0458
0.700		-0.0016	-0.0181	0.0	0.0	0.0	-0.0189
0.800		-0.0016	-0.0181	0.0	0.0	0.0	0.0079
0.900		-0.0016	-0.0181	0.0	0.0	0.0	0.0348
1.000		-0.0016	-0.0181	0.0	0.0	0.0	0.0616

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	-0.0084	-0.1290	0.0	0.0	0.0	-1.5414
0.100		-0.0084	-0.1290	0.0	0.0	0.0	-1.3501
0.200		-0.0084	-0.1290	0.0	0.0	0.0	-1.1588
0.300		-0.0084	-0.1290	0.0	0.0	0.0	-0.9675
0.400		-0.0084	-0.1290	0.0	0.0	0.0	-0.7762
0.500		-0.0084	-0.1290	0.0	0.0	0.0	-0.5849
0.600		-0.0084	-0.1290	0.0	0.0	0.0	-0.3936
0.700		-0.0084	-0.1290	0.0	0.0	0.0	-0.2023
0.800		-0.0084	-0.1290	0.0	0.0	0.0	-0.0110
0.900		-0.0084	-0.1290	0.0	0.0	0.0	0.1803
1.000		-0.0084	-0.1290	0.0	0.0	0.0	0.3716

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	0.0159	0.0	0.0	0.0	0.2798
0.100		-0.0092	0.0159	0.0	0.0	0.0	0.2562

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0.200	-0.0092	0.0159	0.0	0.0	0.0	0.2327
0.300	-0.0092	0.0159	0.0	0.0	0.0	0.2091
0.400	-0.0092	0.0159	0.0	0.0	0.0	0.1855
0.500	-0.0092	0.0159	0.0	0.0	0.0	0.1620
0.600	-0.0092	0.0159	0.0	0.0	0.0	0.1384
0.700	-0.0092	0.0159	0.0	0.0	0.0	0.1149
0.800	-0.0092	0.0159	0.0	0.0	0.0	0.0913
0.900	-0.0092	0.0159	0.0	0.0	0.0	0.0678
1.000	-0.0092	0.0159	0.0	0.0	0.0	0.0442

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	-0.0140	0.2035	0.0	0.0	0.0	2.6954
0.100	-0.0140	0.2035	0.0	0.0	0.0	2.3936
0.200	-0.0140	0.2035	0.0	0.0	0.0	2.0918
0.300	-0.0140	0.2035	0.0	0.0	0.0	1.7900
0.400	-0.0140	0.2035	0.0	0.0	0.0	1.4883
0.500	-0.0140	0.2035	0.0	0.0	0.0	1.1865
0.600	-0.0140	0.2035	0.0	0.0	0.0	0.8847
0.700	-0.0140	0.2035	0.0	0.0	0.0	0.5829
0.800	-0.0140	0.2035	0.0	0.0	0.0	0.2811
0.900	-0.0140	0.2035	0.0	0.0	0.0	-0.0207
1.000	-0.0140	0.2035	0.0	0.0	0.0	-0.3225

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	0.0175	-0.0388	0.0	0.0	0.0	-0.6098
0.100	0.0175	-0.0388	0.0	0.0	0.0	-0.5522
0.200	0.0175	-0.0388	0.0	0.0	0.0	-0.4945
0.300	0.0175	-0.0388	0.0	0.0	0.0	-0.4369
0.400	0.0175	-0.0388	0.0	0.0	0.0	-0.3793
0.500	0.0175	-0.0388	0.0	0.0	0.0	-0.3217
0.600	0.0175	-0.0388	0.0	0.0	0.0	-0.2641
0.700	0.0175	-0.0388	0.0	0.0	0.0	-0.2065
0.800	0.0175	-0.0388	0.0	0.0	0.0	-0.1489
0.900	0.0175	-0.0388	0.0	0.0	0.0	-0.0913
1.000	0.0175	-0.0388	0.0	0.0	0.0	-0.0337

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	0.0235	-0.5125	0.0	0.0	0.0	-6.6125
0.100	0.0235	-0.5125	0.0	0.0	0.0	-5.8524
0.200	0.0235	-0.5125	0.0	0.0	0.0	-5.0923
0.300	0.0235	-0.5125	0.0	0.0	0.0	-4.3323
0.400	0.0235	-0.5125	0.0	0.0	0.0	-3.5722
0.500	0.0235	-0.5125	0.0	0.0	0.0	-2.8121
0.600	0.0235	-0.5125	0.0	0.0	0.0	-2.0520
0.700	0.0235	-0.5125	0.0	0.0	0.0	-1.2919

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0.800	0.0235	-0.5125	0.0	0.0	0.0	-0.5318
0.900	0.0235	-0.5125	0.0	0.0	0.0	0.2283
1.000	0.0235	-0.5125	0.0	0.0	0.0	0.9884

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	0.3831	0.5327	0.0	0.0	0.0	2.4839
0.100		0.3831	0.5327	0.0	0.0	0.0	1.6939
0.200		0.3831	0.5327	0.0	0.0	0.0	0.9040
0.300		0.3831	0.5327	0.0	0.0	0.0	0.1141
0.400		0.3831	0.5327	0.0	0.0	0.0	-0.6759
0.500		0.3831	0.5327	0.0	0.0	0.0	-1.4658
0.600		0.3831	0.5327	0.0	0.0	0.0	-2.2557
0.700		0.3831	0.5327	0.0	0.0	0.0	-3.0457
0.800		0.3831	0.5327	0.0	0.0	0.0	-3.8356
0.900		0.3831	0.5327	0.0	0.0	0.0	-4.6256
1.000		0.3831	0.5327	0.0	0.0	0.0	-5.4155

MEMBER 19

LOADING 1 DEAD LOAD

DISTANCE FROM START		FORCE AXIAL	Y SHEAR	Z SHEAR	MOMENT TORSION	Y BENDING	Z BENDING
0.0	FR	0.1993	0.0615	0.0	0.0	0.0	-0.3458
0.100		0.1973	0.1646	0.0	0.0	0.0	-0.4297
0.200		0.1952	0.2677	0.0	0.0	0.0	-0.5901
0.300		0.1931	0.3709	0.0	0.0	0.0	-0.8271
0.400		0.1910	0.4740	0.0	0.0	0.0	-1.1406
0.500		0.1889	0.5772	0.0	0.0	0.0	-1.5307
0.600		0.1865	0.6945	0.0	0.0	0.0	-1.9994
0.700		0.1837	0.8333	0.0	0.0	0.0	-2.5663
0.800		0.1809	0.9721	0.0	0.0	0.0	-3.2363
0.900		0.1781	1.1108	0.0	0.0	0.0	-4.0092
1.000		0.1753	1.2496	0.0	0.0	0.0	-4.8850

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	0.0027	-0.0590	0.0	0.0	0.0	-0.1908
0.100		0.0027	-0.0590	0.0	0.0	0.0	-0.1470
0.200		0.0027	-0.0590	0.0	0.0	0.0	-0.1033
0.300		0.0027	-0.0590	0.0	0.0	0.0	-0.0595
0.400		0.0027	-0.0590	0.0	0.0	0.0	-0.0157
0.500		0.0027	-0.0590	0.0	0.0	0.0	0.0281
0.600		0.0027	-0.0590	0.0	0.0	0.0	0.0718

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0.700	0.0027	-0.0590	0.0	0.0	0.0	0.1156
0.800	0.0027	-0.0590	0.0	0.0	0.0	0.1594
0.900	0.0027	-0.0590	0.0	0.0	0.0	0.2032
1.000	0.0027	-0.0590	0.0	0.0	0.0	0.2470

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	0.0314	-0.5918	0.0	0.0	0.0	-1.8968
0.100	0.0314	-0.5918	0.0	0.0	0.0	-1.4577
0.200	0.0314	-0.5918	0.0	0.0	0.0	-1.0185
0.300	0.0314	-0.5918	0.0	0.0	0.0	-0.5793
0.400	0.0314	-0.5918	0.0	0.0	0.0	-0.1401
0.500	0.0314	-0.5918	0.0	0.0	0.0	0.2991
0.600	0.0314	-0.5918	0.0	0.0	0.0	0.7382
0.700	0.0314	-0.5918	0.0	0.0	0.0	1.1774
0.800	0.0314	-0.5918	0.0	0.0	0.0	1.6166
0.900	0.0314	-0.5918	0.0	0.0	0.0	2.0558
1.000	0.0314	-0.5918	0.0	0.0	0.0	2.4949

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	0.0333	-0.6258	0.0	0.0	0.0	-2.0066
0.100	0.0333	-0.6258	0.0	0.0	0.0	-1.5422
0.200	0.0333	-0.6258	0.0	0.0	0.0	-1.0777
0.300	0.0333	-0.6258	0.0	0.0	0.0	-0.6133
0.400	0.0333	-0.6258	0.0	0.0	0.0	-0.1488
0.500	0.0333	-0.6258	0.0	0.0	0.0	0.3157
0.600	0.0333	-0.6258	0.0	0.0	0.0	0.7801
0.700	0.0333	-0.6258	0.0	0.0	0.0	1.2446
0.800	0.0333	-0.6258	0.0	0.0	0.0	1.7090
0.900	0.0333	-0.6258	0.0	0.0	0.0	2.1735
1.000	0.0333	-0.6258	0.0	0.0	0.0	2.6380

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	0.0379	-0.7074	0.0	0.0	0.0	-2.2873
0.100	0.0379	-0.7074	0.0	0.0	0.0	-1.7623
0.200	0.0379	-0.7074	0.0	0.0	0.0	-1.2373
0.300	0.0379	-0.7074	0.0	0.0	0.0	-0.7123
0.400	0.0379	-0.7074	0.0	0.0	0.0	-0.1873
0.500	0.0379	-0.7074	0.0	0.0	0.0	0.3377
0.600	0.0379	-0.7074	0.0	0.0	0.0	0.8627
0.700	0.0379	-0.7074	0.0	0.0	0.0	1.3877
0.800	0.0379	-0.7074	0.0	0.0	0.0	1.9127
0.900	0.0379	-0.7074	0.0	0.0	0.0	2.4377
1.000	0.0379	-0.7074	0.0	0.0	0.0	2.9627

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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	0.0378	-0.7109	0.0	0.0	0.0	-2.3350
0.100		0.0378	-0.7109	0.0	0.0	0.0	-1.8074
0.200		0.0378	-0.7109	0.0	0.0	0.0	-1.2798
0.300		0.0378	-0.7109	0.0	0.0	0.0	-0.7522
0.400		0.0378	-0.7109	0.0	0.0	0.0	-0.2246
0.500		0.0378	-0.7109	0.0	0.0	0.0	0.3030
0.600		0.0378	-0.7109	0.0	0.0	0.0	0.8307
0.700		0.0378	-0.7109	0.0	0.0	0.0	1.3583
0.800		0.0378	-0.7109	0.0	0.0	0.0	1.8859
0.900		0.0378	-0.7109	0.0	0.0	0.0	2.4135
1.000		0.0378	-0.7109	0.0	0.0	0.0	2.9411

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	-0.0515	-0.1214	0.0	0.0	0.0	4.5642
0.100		-0.0515	-0.1214	0.0	0.0	0.0	4.6543
0.200		-0.0515	-0.1214	0.0	0.0	0.0	4.7444
0.300		-0.0917	1.8682	0.0	0.0	0.0	3.4886
0.400		-0.0917	1.8682	0.0	0.0	0.0	2.1021
0.500		-0.0917	1.8682	0.0	0.0	0.0	0.7157
0.600		-0.0917	1.8682	0.0	0.0	0.0	-0.6708
0.700		-0.0917	1.8682	0.0	0.0	0.0	-2.0573
0.800		-0.0917	1.8682	0.0	0.0	0.0	-3.4437
0.900		-0.0917	1.8682	0.0	0.0	0.0	-4.8302
1.000		-0.0917	1.8682	0.0	0.0	0.0	-6.2167

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	-0.0524	-0.1046	0.0	0.0	0.0	4.6178
0.100		-0.0524	-0.1046	0.0	0.0	0.0	4.6954
0.200		-0.0524	-0.1046	0.0	0.0	0.0	4.7730
0.300		-0.0926	1.8850	0.0	0.0	0.0	3.5048
0.400		-0.0926	1.8850	0.0	0.0	0.0	2.1058
0.500		-0.0926	1.8850	0.0	0.0	0.0	0.7069
0.600		-0.0926	1.8850	0.0	0.0	0.0	-0.6921
0.700		-0.0926	1.8850	0.0	0.0	0.0	-2.0911
0.800		-0.0926	1.8850	0.0	0.0	0.0	-3.4900
0.900		-0.0926	1.8850	0.0	0.0	0.0	-4.8890
1.000		-0.0926	1.8850	0.0	0.0	0.0	-6.2879

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	-0.0032	0.0470	0.0	0.0	0.0	0.1472

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0.100	-0.0032	0.0470	0.0	0.0	0.0	0.1123
0.200	-0.0032	0.0470	0.0	0.0	0.0	0.0774
0.300	-0.0032	0.0470	0.0	0.0	0.0	0.0425
0.400	-0.0032	0.0470	0.0	0.0	0.0	0.0076
0.500	-0.0032	0.0470	0.0	0.0	0.0	-0.0273
0.600	-0.0032	0.0470	0.0	0.0	0.0	-0.0622
0.700	-0.0032	0.0470	0.0	0.0	0.0	-0.0971
0.800	-0.0032	0.0470	0.0	0.0	0.0	-0.1320
0.900	-0.0032	0.0470	0.0	0.0	0.0	-0.1669
1.000	-0.0032	0.0470	0.0	0.0	0.0	-0.2018

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	0.0115	-0.1895	0.0	0.0	0.0	-0.6035
0.100	0.0115	-0.1895	0.0	0.0	0.0	-0.4629
0.200	0.0115	-0.1895	0.0	0.0	0.0	-0.3222
0.300	0.0115	-0.1895	0.0	0.0	0.0	-0.1816
0.400	0.0115	-0.1895	0.0	0.0	0.0	-0.0410
0.500	0.0115	-0.1895	0.0	0.0	0.0	0.0996
0.600	0.0115	-0.1895	0.0	0.0	0.0	0.2402
0.700	0.0115	-0.1895	0.0	0.0	0.0	0.3809
0.800	0.0115	-0.1895	0.0	0.0	0.0	0.5215
0.900	0.0115	-0.1895	0.0	0.0	0.0	0.6621
1.000	0.0115	-0.1895	0.0	0.0	0.0	0.8027

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	-0.0422	-0.4034	0.0	0.0	0.0	5.6233
0.100	-0.0818	1.5562	0.0	0.0	0.0	4.5860
0.200	-0.0818	1.5562	0.0	0.0	0.0	3.4310
0.300	-0.0818	1.5562	0.0	0.0	0.0	2.2761
0.400	-0.0818	1.5562	0.0	0.0	0.0	1.1212
0.500	-0.0818	1.5562	0.0	0.0	0.0	-0.0338
0.600	-0.0818	1.5562	0.0	0.0	0.0	-1.1887
0.700	-0.0818	1.5562	0.0	0.0	0.0	-2.3436
0.800	-0.0818	1.5562	0.0	0.0	0.0	-3.4986
0.900	-0.0818	1.5562	0.0	0.0	0.0	-4.6535
1.000	-0.0818	1.5562	0.0	0.0	0.0	-5.8084

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	-0.0531	-0.0931	0.0	0.0	0.0	4.6540
0.100	-0.0531	-0.0931	0.0	0.0	0.0	4.7231
0.200	-0.0531	-0.0931	0.0	0.0	0.0	4.7923
0.300	-0.0933	1.8965	0.0	0.0	0.0	3.5155
0.400	-0.0933	1.8965	0.0	0.0	0.0	2.1081
0.500	-0.0933	1.8965	0.0	0.0	0.0	0.7006
0.600	-0.0933	1.8965	0.0	0.0	0.0	-0.7068

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0.700	-0.0933	1.8965	0.0	0.0	0.0	-2.1143
0.800	-0.0933	1.8965	0.0	0.0	0.0	-3.5217
0.900	-0.0933	1.8965	0.0	0.0	0.0	-4.9292
1.000	-0.0933	1.8965	0.0	0.0	0.0	-6.3366

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	-0.0734	0.4831	0.0	0.0	0.0	4.6571
0.100	-0.0734	0.4831	0.0	0.0	0.0	4.2985
0.200	-0.0734	0.4831	0.0	0.0	0.0	3.9400
0.300	-0.0734	0.4831	0.0	0.0	0.0	3.5814
0.400	-0.0734	0.4831	0.0	0.0	0.0	3.2228
0.500	-0.0734	0.4831	0.0	0.0	0.0	2.8643
0.600	-0.1302	3.2926	0.0	0.0	0.0	2.4975
0.700	-0.1302	3.2926	0.0	0.0	0.0	0.0540
0.800	-0.1302	3.2926	0.0	0.0	0.0	-2.3896
0.900	-0.1302	3.2926	0.0	0.0	0.0	-4.8332
1.000	-0.1302	3.2926	0.0	0.0	0.0	-7.2768

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	-0.0028	-1.1291	0.0	0.0	0.0	3.2448
0.100	-0.0424	0.8305	0.0	0.0	0.0	2.7460
0.200	-0.0424	0.8305	0.0	0.0	0.0	2.1296
0.300	-0.0424	0.8305	0.0	0.0	0.0	1.5132
0.400	-0.0424	0.8305	0.0	0.0	0.0	0.8968
0.500	-0.0424	0.8305	0.0	0.0	0.0	0.2804
0.600	-0.0424	0.8305	0.0	0.0	0.0	-0.3360
0.700	-0.0424	0.8305	0.0	0.0	0.0	-0.9524
0.800	-0.0424	0.8305	0.0	0.0	0.0	-1.5687
0.900	-0.0424	0.8305	0.0	0.0	0.0	-2.1851
1.000	-0.0424	0.8305	0.0	0.0	0.0	-2.8015

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	-0.0137	-0.8188	0.0	0.0	0.0	2.2755
0.100	-0.0137	-0.8188	0.0	0.0	0.0	2.8831
0.200	-0.0137	-0.8188	0.0	0.0	0.0	3.4908
0.300	-0.0539	1.1708	0.0	0.0	0.0	2.7526
0.400	-0.0539	1.1708	0.0	0.0	0.0	1.8837
0.500	-0.0539	1.1708	0.0	0.0	0.0	1.0148
0.600	-0.0539	1.1708	0.0	0.0	0.0	0.1459
0.700	-0.0539	1.1708	0.0	0.0	0.0	-0.7230
0.800	-0.0539	1.1708	0.0	0.0	0.0	-1.5919
0.900	-0.0539	1.1708	0.0	0.0	0.0	-2.4608
1.000	-0.0539	1.1708	0.0	0.0	0.0	-3.3297

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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	0.3168	0.1804	0.0	0.0	0.0	-0.5550
0.100	0.3168	0.1804	0.0	0.0	0.0	-0.6889
0.200	0.3168	0.1804	0.0	0.0	0.0	-0.8227
0.300	0.3168	0.1804	0.0	0.0	0.0	-0.9566
0.400	0.3168	0.1804	0.0	0.0	0.0	-1.0904
0.500	0.3168	0.1804	0.0	0.0	0.0	-1.2243
0.600	0.3168	0.1804	0.0	0.0	0.0	-1.3581
0.700	0.3168	0.1804	0.0	0.0	0.0	-1.4920
0.800	0.3168	0.1804	0.0	0.0	0.0	-1.6258
0.900	0.3168	0.1804	0.0	0.0	0.0	-1.7597
1.000	0.3168	0.1804	0.0	0.0	0.0	-1.8935

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	0.2897	0.1304	0.0	0.0	0.0	-0.3973
0.100	0.2897	0.1304	0.0	0.0	0.0	-0.4941
0.200	0.2897	0.1304	0.0	0.0	0.0	-0.5909
0.300	0.2897	0.1304	0.0	0.0	0.0	-0.6876
0.400	0.2897	0.1304	0.0	0.0	0.0	-0.7844
0.500	0.2897	0.1304	0.0	0.0	0.0	-0.8811
0.600	0.2897	0.1304	0.0	0.0	0.0	-0.9779
0.700	0.2897	0.1304	0.0	0.0	0.0	-1.0746
0.800	0.2897	0.1304	0.0	0.0	0.0	-1.1714
0.900	0.2897	0.1304	0.0	0.0	0.0	-1.2682
1.000	0.2897	0.1304	0.0	0.0	0.0	-1.3649

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	0.3402	0.5253	0.0	0.0	0.0	-1.6537
0.100	0.3402	0.5253	0.0	0.0	0.0	-2.0435
0.200	0.3402	0.5253	0.0	0.0	0.0	-2.4334
0.300	0.3402	0.5253	0.0	0.0	0.0	-2.8232
0.400	0.3402	0.5253	0.0	0.0	0.0	-3.2130
0.500	0.3402	0.5253	0.0	0.0	0.0	-3.6028
0.600	0.3402	0.5253	0.0	0.0	0.0	-3.9927
0.700	0.3402	0.5253	0.0	0.0	0.0	-4.3825
0.800	0.3402	0.5253	0.0	0.0	0.0	-4.7723
0.900	0.3402	0.5253	0.0	0.0	0.0	-5.1621
1.000	0.3402	0.5253	0.0	0.0	0.0	-5.5520

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	-0.1268	0.1963	0.0	0.0	0.0	-0.6344

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0.100	-0.1268	0.1963	0.0	0.0	0.0	-0.7801
0.200	-0.1268	0.1963	0.0	0.0	0.0	-0.9258
0.300	-0.1268	0.1963	0.0	0.0	0.0	-1.0715
0.400	-0.1268	0.1963	0.0	0.0	0.0	-1.2173
0.500	-0.1268	0.1963	0.0	0.0	0.0	-1.3630
0.600	-0.1268	0.1963	0.0	0.0	0.0	-1.5087
0.700	-0.1268	0.1963	0.0	0.0	0.0	-1.6544
0.800	-0.1268	0.1963	0.0	0.0	0.0	-1.8001
0.900	-0.1268	0.1963	0.0	0.0	0.0	-1.9459
1.000	-0.1268	0.1963	0.0	0.0	0.0	-2.0916

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	0.1152	-0.0429	0.0	0.0	0.0	0.1441
0.100	0.1152	-0.0429	0.0	0.0	0.0	0.1759
0.200	0.1152	-0.0429	0.0	0.0	0.0	0.2077
0.300	0.1152	-0.0429	0.0	0.0	0.0	0.2395
0.400	0.1152	-0.0429	0.0	0.0	0.0	0.2713
0.500	0.1152	-0.0429	0.0	0.0	0.0	0.3031
0.600	0.1152	-0.0429	0.0	0.0	0.0	0.3349
0.700	0.1152	-0.0429	0.0	0.0	0.0	0.3667
0.800	0.1152	-0.0429	0.0	0.0	0.0	0.3985
0.900	0.1152	-0.0429	0.0	0.0	0.0	0.4303
1.000	0.1152	-0.0429	0.0	0.0	0.0	0.4621

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	-0.2425	0.4335	0.0	0.0	0.0	5.5097
0.100	-0.2425	0.4335	0.0	0.0	0.0	5.1880
0.200	-0.2425	0.4335	0.0	0.0	0.0	4.8662
0.300	-0.2425	0.4335	0.0	0.0	0.0	4.5445
0.400	-0.2425	0.4335	0.0	0.0	0.0	4.2228
0.500	-0.2425	0.4335	0.0	0.0	0.0	3.9011
0.600	-0.2425	0.4335	0.0	0.0	0.0	3.5794
0.700	-0.2425	0.4335	0.0	0.0	0.0	3.2577
0.800	-0.3397	5.2425	0.0	0.0	0.0	2.9013
0.900	-0.3397	5.2425	0.0	0.0	0.0	-0.9894
1.000	-0.3397	5.2425	0.0	0.0	0.0	-4.8801

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	-0.2520	0.3850	0.0	0.0	0.0	5.6638
0.100	-0.2520	0.3850	0.0	0.0	0.0	5.3780
0.200	-0.2520	0.3850	0.0	0.0	0.0	5.0923
0.300	-0.2520	0.3850	0.0	0.0	0.0	4.8066
0.400	-0.2520	0.3850	0.0	0.0	0.0	4.5209
0.500	-0.2520	0.3850	0.0	0.0	0.0	4.2352
0.600	-0.2520	0.3850	0.0	0.0	0.0	3.9495

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0.700	-0.2520	0.3850	0.0	0.0	0.0	3.6637
0.800	-0.3492	5.1940	0.0	0.0	0.0	3.3434
0.900	-0.3492	5.1940	0.0	0.0	0.0	-0.5114
1.000	-0.3492	5.1940	0.0	0.0	0.0	-4.3661

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	-0.7171	0.0036	0.0	0.0	0.0	-0.3401
0.100	-0.7171	0.0036	0.0	0.0	0.0	-0.3428
0.200	-0.7171	0.0036	0.0	0.0	0.0	-0.3455
0.300	-0.7171	0.0036	0.0	0.0	0.0	-0.3482
0.400	-0.7171	0.0036	0.0	0.0	0.0	-0.3509
0.500	-0.7171	0.0036	0.0	0.0	0.0	-0.3536
0.600	-0.7171	0.0036	0.0	0.0	0.0	-0.3563
0.700	-0.7171	0.0036	0.0	0.0	0.0	-0.3590
0.800	-0.7171	0.0036	0.0	0.0	0.0	-0.3617
0.900	-0.7171	0.0036	0.0	0.0	0.0	-0.3644
1.000	-0.7171	0.0036	0.0	0.0	0.0	-0.3671

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	-0.7652	-0.1732	0.0	0.0	0.0	-0.9283
0.100	-0.7652	-0.1732	0.0	0.0	0.0	-0.7997
0.200	-0.7652	-0.1732	0.0	0.0	0.0	-0.6712
0.300	-0.7652	-0.1732	0.0	0.0	0.0	-0.5427
0.400	-0.7652	-0.1732	0.0	0.0	0.0	-0.4142
0.500	-0.7652	-0.1732	0.0	0.0	0.0	-0.2856
0.600	-0.7652	-0.1732	0.0	0.0	0.0	-0.1571
0.700	-0.7652	-0.1732	0.0	0.0	0.0	-0.0286
0.800	-0.7652	-0.1732	0.0	0.0	0.0	0.1000
0.900	-0.7652	-0.1732	0.0	0.0	0.0	0.2285
1.000	-0.7652	-0.1732	0.0	0.0	0.0	0.3570

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	-0.0482	-0.1768	0.0	0.0	0.0	-0.5882
0.100	-0.0482	-0.1768	0.0	0.0	0.0	-0.4569
0.200	-0.0482	-0.1768	0.0	0.0	0.0	-0.3257
0.300	-0.0482	-0.1768	0.0	0.0	0.0	-0.1945
0.400	-0.0482	-0.1768	0.0	0.0	0.0	-0.0633
0.500	-0.0482	-0.1768	0.0	0.0	0.0	0.0680
0.600	-0.0482	-0.1768	0.0	0.0	0.0	0.1992
0.700	-0.0482	-0.1768	0.0	0.0	0.0	0.3304
0.800	-0.0482	-0.1768	0.0	0.0	0.0	0.4617
0.900	-0.0482	-0.1768	0.0	0.0	0.0	0.5929
1.000	-0.0482	-0.1768	0.0	0.0	0.0	0.7241

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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	-0.0037	0.2399	0.0	0.0	0.0	0.7843
0.100		-0.0037	0.2399	0.0	0.0	0.0	0.6063
0.200		-0.0037	0.2399	0.0	0.0	0.0	0.4282
0.300		-0.0037	0.2399	0.0	0.0	0.0	0.2502
0.400		-0.0037	0.2399	0.0	0.0	0.0	0.0721
0.500		-0.0037	0.2399	0.0	0.0	0.0	-0.1059
0.600		-0.0037	0.2399	0.0	0.0	0.0	-0.2840
0.700		-0.0037	0.2399	0.0	0.0	0.0	-0.4620
0.800		-0.0037	0.2399	0.0	0.0	0.0	-0.6401
0.900		-0.0037	0.2399	0.0	0.0	0.0	-0.8181
1.000		-0.0037	0.2399	0.0	0.0	0.0	-0.9962

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	-0.0167	1.2389	0.0	0.0	0.0	4.0676
0.100		-0.0167	1.2389	0.0	0.0	0.0	3.1481
0.200		-0.0167	1.2389	0.0	0.0	0.0	2.2287
0.300		-0.0167	1.2389	0.0	0.0	0.0	1.3093
0.400		-0.0167	1.2389	0.0	0.0	0.0	0.3899
0.500		-0.0167	1.2389	0.0	0.0	0.0	-0.5295
0.600		-0.0167	1.2389	0.0	0.0	0.0	-1.4490
0.700		-0.0167	1.2389	0.0	0.0	0.0	-2.3684
0.800		-0.0167	1.2389	0.0	0.0	0.0	-3.2878
0.900		-0.0167	1.2389	0.0	0.0	0.0	-4.2072
1.000		-0.0167	1.2389	0.0	0.0	0.0	-5.1267

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	0.0327	-0.6153	0.0	0.0	0.0	-1.9473
0.100		0.0327	-0.6153	0.0	0.0	0.0	-1.4906
0.200		0.0327	-0.6153	0.0	0.0	0.0	-1.0339
0.300		0.0327	-0.6153	0.0	0.0	0.0	-0.5772
0.400		0.0327	-0.6153	0.0	0.0	0.0	-0.1206
0.500		0.0327	-0.6153	0.0	0.0	0.0	0.3361
0.600		0.0327	-0.6153	0.0	0.0	0.0	0.7928
0.700		0.0327	-0.6153	0.0	0.0	0.0	1.2495
0.800		0.0327	-0.6153	0.0	0.0	0.0	1.7061
0.900		0.0327	-0.6153	0.0	0.0	0.0	2.1628
1.000		0.0327	-0.6153	0.0	0.0	0.0	2.6195

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	0.0977	-2.8432	0.0	0.0	0.0	-9.1157

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0.100	0.0977	-2.8432	0.0	0.0	0.0	-7.0056
0.200	0.0977	-2.8432	0.0	0.0	0.0	-4.8956
0.300	0.0977	-2.8432	0.0	0.0	0.0	-2.7855
0.400	0.0977	-2.8432	0.0	0.0	0.0	-0.6754
0.500	0.0977	-2.8432	0.0	0.0	0.0	1.4347
0.600	0.0977	-2.8432	0.0	0.0	0.0	3.5447
0.700	0.0977	-2.8432	0.0	0.0	0.0	5.6548
0.800	0.0977	-2.8432	0.0	0.0	0.0	7.7649
0.900	0.0977	-2.8432	0.0	0.0	0.0	9.8750
1.000	0.0977	-2.8432	0.0	0.0	0.0	11.9851

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	1.2058	0.0097	0.0	0.0	0.0	2.7754
0.100	1.2058	0.0097	0.0	0.0	0.0	2.7682
0.200	1.2058	0.0097	0.0	0.0	0.0	2.7610
0.300	1.2058	0.0097	0.0	0.0	0.0	2.7538
0.400	1.2058	0.0097	0.0	0.0	0.0	2.7466
0.500	1.2058	0.0097	0.0	0.0	0.0	2.7394
0.600	1.2058	0.0097	0.0	0.0	0.0	2.7322
0.700	1.2058	0.0097	0.0	0.0	0.0	2.7250
0.800	1.2058	0.0097	0.0	0.0	0.0	2.7178
0.900	1.2058	0.0097	0.0	0.0	0.0	2.7106
1.000	1.2058	0.0097	0.0	0.0	0.0	2.7034

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	6.9202	0.0439	0.0	0.0	0.0	12.7897
0.100	6.9202	0.0439	0.0	0.0	0.0	12.7571
0.200	6.9202	0.0439	0.0	0.0	0.0	12.7246
0.300	6.9202	0.0439	0.0	0.0	0.0	12.6920
0.400	6.9202	0.0439	0.0	0.0	0.0	12.6595
0.500	6.9202	0.0439	0.0	0.0	0.0	12.6269
0.600	6.9202	0.0439	0.0	0.0	0.0	12.5944
0.700	6.9202	0.0439	0.0	0.0	0.0	12.5618
0.800	6.9202	0.0439	0.0	0.0	0.0	12.5293
0.900	6.9202	0.0439	0.0	0.0	0.0	12.4967
1.000	6.9202	0.0439	0.0	0.0	0.0	12.4642

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	-0.4894	0.0035	0.0	0.0	0.0	-0.2706
0.100	-0.4894	0.0035	0.0	0.0	0.0	-0.2732
0.200	-0.4894	0.0035	0.0	0.0	0.0	-0.2758
0.300	-0.4894	0.0035	0.0	0.0	0.0	-0.2784
0.400	-0.4894	0.0035	0.0	0.0	0.0	-0.2809
0.500	-0.4894	0.0035	0.0	0.0	0.0	-0.2835
0.600	-0.4894	0.0035	0.0	0.0	0.0	-0.2861

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0.700	-0.4894	0.0035	0.0	0.0	0.0	-0.2887
0.800	-0.4894	0.0035	0.0	0.0	0.0	-0.2912
0.900	-0.4894	0.0035	0.0	0.0	0.0	-0.2938
1.000	-0.4894	0.0035	0.0	0.0	0.0	-0.2964

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