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NUCLEAR ENGINEERING SERVICES DEPARTMENT  
CALVERT CLIFFS NUCLEAR POWER PLANT  
LUSBY, MARYLAND 20657

June 6, 1988

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit No. 1; Docket No. 50-317  
Main Steam Thin Wall

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REFERENCE: (a) Letter from Mr. W. J. Lippold (BG&E) to NRC Document Control Desk,  
dated May 4, 1988, same subject

Gentlemen:

Reference (a) provided information you requested including supporting information for the stress analysis of a thin pipe region in No. 12 Steam Generator's main steam line. A microfiche of the stress analysis output was attached. Enclosed is a copy of the complete stress results on the microfiche.

Also enclosed is a diagram indicating the model element numbers which correspond to the locations indicated in Table 3.1 and Figure 3.2 of Attachment (2) to Reference (a). These element numbers correspond to those provided in the stress output.

Should you have any further questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

Stephen R. Cowne  
Senior Engineer  
Licensing

SRC/dlm

Enclosure

Acc  
||

Document Control Desk

June 6, 1988

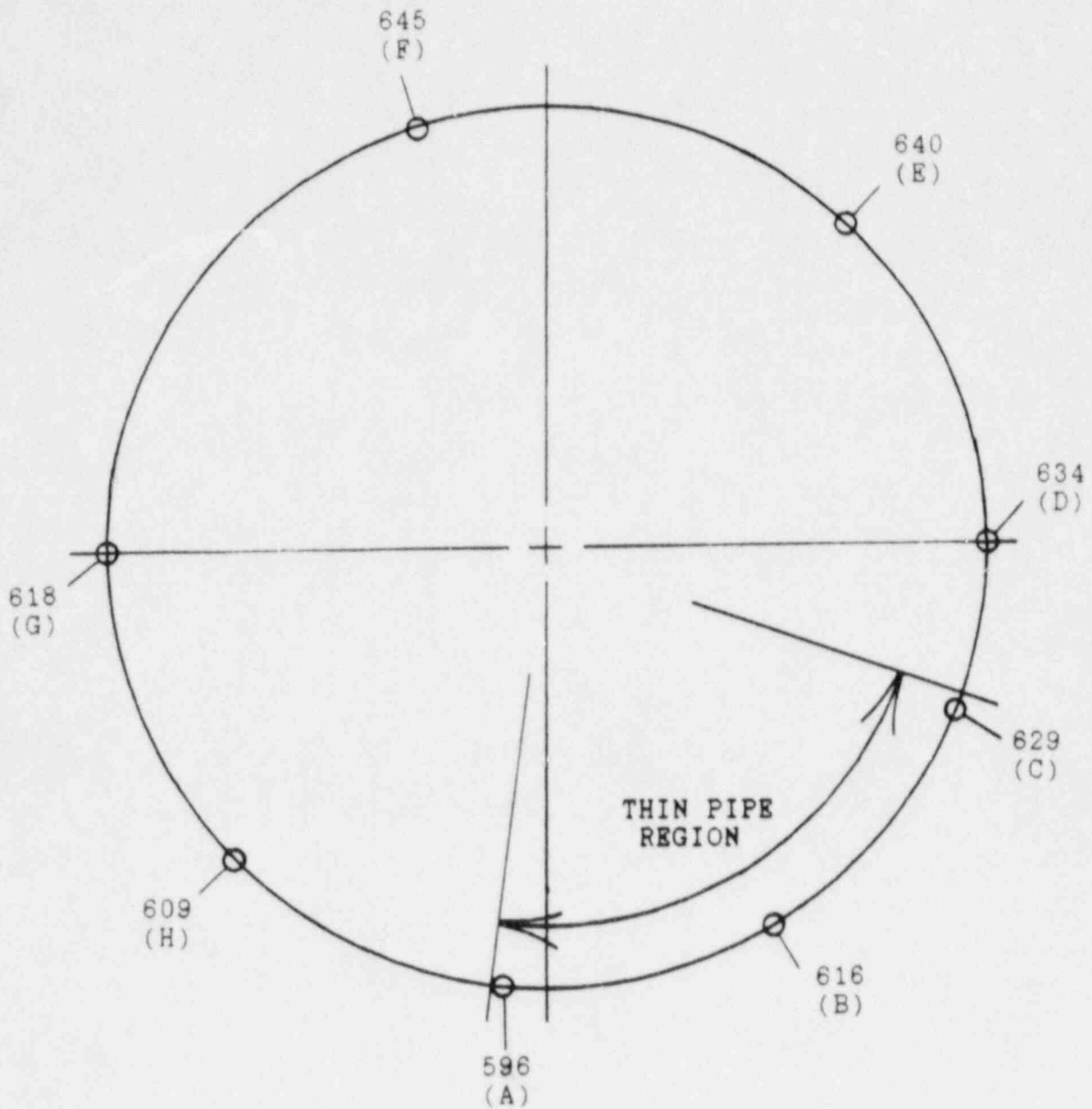
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cc: without Enclosure  
D. A. Brune, Esquire  
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R. A. Capra, NRC  
S. A. McNeil, NRC  
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ENCLOSURE

STRESS RESULTS FROM ANALYSIS OF  
THIN PIPE REGION IN NO. 12 STEAM  
GENERATOR MAIN STEAM LINE



Model element numbers corresponding to the locations indicated in Table 3.1 and Figure 3.2 of the report entitled "Supporting Information For The Stress Analysis Of The Thin Pipe Region In The No. 12 Steam Generator Main Steam Line (EB-01-1005-05)

JACY MZSI ADAPTIVE COM 001 86/12/16. 0P 57.53. MID = MAC - NS2  
SWRI / INDI=01, (008,027)



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N=7100,51
P=7100,51,-51
E=7100,51,7101,7102,51
CSYS,1
MGEN,5000,1,60,1
MGEN,60,5001,5060,1,-3,0,4
REAL,4
E=3001,3002,3002,3001
EGEN,54,-1
EGEN,55,-54
/COM, E-BOW PLATE ELEMENTS
MGEN,50,501,560,1,-15
E=3561,3562,3562,3501
EGEN,56,-1
EGEN,57,-54
/COM, LOAD BEAMS AT END OF CYLINDER
CSYS,1
E=1,3,4
R,11,111,15084,15084,34,34
M=7000,48
TYPE,3
REAL,11
E=7000,841
RPSYS,1
/COM, INTERNAL PRESSURE
E=160,3601,1000,3655,1,3581,3582
RP10,-60,-60,-60,-60,-60,-60
PZ,1,1000,55,1,61,62
BE14,60,60,60,60,60,60
/COM, BOUNDARY CONDITIONS
CSYS,11
N8016,1,3601,3655,1
D,3601,UX,3655,UY,UZ,ROT,ROTZ
/COM, LOADS AT END OF CYLINDER
CSYS,1
N8014,1,841,895,1
F,7000,FZ,796462
/COM, MESH
MESH,1,374
ITER,1,1,1
KREF,2
/COM, MERGE MODES
MERGE
/COM, WAVE SORTING
WSTART,3661,3720,1
WSTART,3601,3660,1
WAVES
ZPLOT
FINI

```

11111 9.9761 86/12/16 CP= 2.010

ANSYS ANALYSIS DEFINITION (PREP7)

INPUT FILE SWITCHED FROM FILE16 TO FILE28

NEW TITLE= SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

ELEMENT TYPE 1 USES STIF 63  
 KEYOPT(1-9)= 0 0 0 0 0 0 0 0 0 INOTPR= 0 NUMBER OF NODES= 4

QUAD, FLAT SHELL

CURRENT MODAL DOF SET IS UX UY UZ ROTX ROTY ROTZ  
 THREE-DIMENSIONAL STRUCTURE

ELEMENT TYPE 2 USES STIF 63  
 KEYOPT(1-9)= 0 0 0 0 0 0 0 0 0 INOTPR= 0 NUMBER OF NODES= 4

QUAD, FLAT SHELL

CURRENT MODAL DOF SET IS UX UY UZ ROTX ROTY ROTZ  
 THREE-DIMENSIONAL STRUCTURE

REAL CONSTANT SET 1 ITEMS 1 TO 6  
 1.08 .855 0. 0. 1.08 0. 0.

REAL CONSTANT SET 2 ITEMS 1 TO 6  
 .855 0. 0. 0. 0. 0. 0.

REAL CONSTANT SET 3 ITEMS 1 TO 6  
 .855 1.08 1.08 0. .855 0. 0.

REAL CONSTANT SET 4 ITEMS 1 TO 6  
 1.08 0. 0. 0. 0. 0. 0.

REAL CONSTANT SET 5 ITEMS 1 TO 6  
 1.08 .855 1.08 1.08 0. 0. 0.

REAL CONSTANT SET 6 ITEMS 1 TO 6  
 .855 .855 1.08 1.08 0. 0. 0.

REAL CONSTANT SET 7 ITEMS 1 TO 6  
 .855 1.08 1.08 1.08 0. 0. 0.

REAL CONSTANT SET 8 ITEMS 1 TO 6  
 1.08 1.08 .855 1.08 0. 0. 0.

REAL CONSTANT SET 9 ITEMS 1 TO 6  
 1.08 1.08 .855 0. .855 0. 0.

REAL CONSTANT SET 10 ITEMS 1 TO 6  
 1.08 1.08 1.08 .855 0. 0. 0.

MATERIAL 1 COEFFICIENTS OF EX VS. TEMP EQUATION

CO = .300000E+08

PROPERTY TABLE EX MAT= 1 NUM. POINTS= 2  
 TEMPERATURE DATA TEMPERATURE DATA

0.000000E+08 2500.000 0.000000E+08

FORM 1-INCH WITH GROOVE

ACTIVE COORDINATE SYSTEM SET TO 1 (CYLINDRICAL)

NODE 1 XCS=1 X,Y,Z= 16.463 -98.000 0.

NODE 2 XCS=1 X,Y,Z= 16.572 -94.700 0.

NODE 24 XCS=1 X,Y,Z= 16.573 -21.300 0.

FILL 21 POINTS BETWEEN NODE 2 AND NODE 24  
START WITH NODE 3 AND INCREMENT BY 1

NODE 25 XCS=1 X,Y,Z= 16.463 -18.000 0.

NODE 40 XCS=1 X,Y,Z= 16.463 122.00 0.

FILL 14 POINTS BETWEEN NODE 25 AND NODE 40  
START WITH NODE 26 AND INCREMENT BY 1  
FILL SPACING RATIO= 4.0000

SET CIRCULAR CYCLE KEYS FOR COORD. SYS= 1  
THETA= 1 PHI= 0

NODE 55 XCS=1 X,Y,Z= 16.463 -98.000 0.

FILL 14 POINTS BETWEEN NODE 40 AND NODE 55  
START WITH NODE 41 AND INCREMENT BY 1  
FILL SPACING RATIO= .2500

GENERATE 5 TOTAL SETS OF NODES WITH INCREMENT 60  
SET IS FROM 1 TO 60 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. 0. .25000

GENERATE 6 TOTAL SETS OF NODES WITH INCREMENT 60  
SET IS FROM 241 TO 300 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. 0. .80000 SPACING= 4.0000

GENERATE 6 TOTAL SETS OF NODES WITH INCREMENT 60  
SET IS FROM 341 TO 600 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. 0. 8.6000 SPACING= 4.0000

REAL CONSTANT NUMBER= 8 2 62 61  
ELEMENT 1 2 62 61

REAL CONSTANT NUMBER= 9 3 63 62  
ELEMENT 2 3 63 62

GENERATE 22 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 2 TO 2 IN STEPS OF 1  
NUMBER OF ELEMENTS= 23

REAL CONSTANT NUMBER= 10  
ELEMENT 24 24 25 85 84

REAL CONSTANT NUMBER= 4 26 86 85  
ELEMENT 25 26 86 85

GENERATE 30 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 25 TO 25 IN STEPS OF 1  
NUMBER OF ELEMENTS= 54



REAL CONSTANT NUMBER= 1  
ELEMENT 55 61 62 122 121

REAL CONSTANT NUMBER= 2  
ELEMENT 56 62 63 123 122

GENERATE 22 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 56 TO 50 IN STEPS OF 1  
NUMBER OF ELEMENTS= 77

REAL CONSTANT NUMBER= 3  
ELEMENT 78 84 85 145 144

REAL CONSTANT NUMBER= 4  
ELEMENT 79 85 86 146 145

GENERATE 30 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 79 TO 79 IN STEPS OF 1  
NUMBER OF ELEMENTS= 108

REAL CONSTANT NUMBER= 5  
ELEMENT 109 121 122 182 181

REAL CONSTANT NUMBER= 6  
ELEMENT 110 122 123 183 182

GENERATE 22 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 110 TO 110 IN STEPS OF 1  
NUMBER OF ELEMENTS= 151

REAL CONSTANT NUMBER= 7  
ELEMENT 132 144 145 205 204

REAL CONSTANT NUMBER= 4  
ELEMENT 133 145 146 206 205

GENERATE 30 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 133 TO 133 IN STEPS OF 1  
NUMBER OF ELEMENTS= 152  
ELEMENT 163 181 182 242 241

GENERATE 54 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 163 TO 163 IN STEPS OF 1  
NUMBER OF ELEMENTS= 216

GENERATE 11 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 60  
SET IS 163 TO 216 IN STEPS OF 1  
NUMBER OF ELEMENTS= 756

/COM, 90 DEGREE ELBOW

ELEMENT TYPE SET TO 2

ACTIVE COORDINATE SYSTEM SET TO 0 (CARTESIAN)

NODE 7100 KCS= 0 X,Y,Z= 0. 51.000 0.

NODE 7101 KCS= 0 X,Y,Z= 0. 51.000 -51.000

NODE 7102 KCS= 0 X,Y,Z= 0. 0. 0.

COORDINATE SYSTEM 11 DEFINITION. TYPE= 3 (TOROIDAL)



ORIGIN NODE=7100 XNODE=7101 YNODE=7102 PARAMETERS= 51.000 0.000  
ORIENTATION= 0.00 0.00 -1.00 0.00 -1.00 0.00 -1.00 0.00 0.00  
THXZ, THYZ, THXZ= 180.000 0.000 -90.000

ACTIVE COORDINATE SYSTEM SET TO 11 (TOROIDAL)

ACTIVE COORDINATE SYSTEM SET TO 11 (TOROIDAL)

GENERATE 2 TOTAL SETS OF NODES WITH INCREMENT 3000  
SET IS FROM 1 TO 60 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. 0.

GENERATE 4 TOTAL SETS OF NODES WITH INCREMENT 60  
SET IS FROM 3001 TO 3060 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. -3.0000 0. SPACING= 4.0000

REAL CONSTANT NUMBER= 4  
ELEMENT 757 5061 5062 3002 3001

GENERATE 54 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 757 TO 757 IN STEPS OF 1  
NUMBER OF ELEMENTS= 810

GENERATE 5 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 60  
SET IS 757 TO 810 IN STEPS OF 1  
NUMBER OF ELEMENTS= 1026

ALOM, ELBOW PLATE ELEMENTS

GENERATE 6 TOTAL SETS OF NODES WITH INCREMENT 60  
SET IS FROM 3301 TO 3360 IN STEPS OF 1  
GEOMETRY INCREMENTS ARE 0. -15.000 0.  
ELEMENT 1027 3361 3362 3302 3301

GENERATE 54 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 1  
SET IS 1027 TO 1027 IN STEPS OF 1  
NUMBER OF ELEMENTS= 1080

GENERATE 5 TOTAL SETS OF ELEMENTS WITH NODE INCREMENT OF 60  
SET IS 1027 TO 1076 IN STEPS OF 1  
NUMBER OF ELEMENTS= 1296

700P, LOAD BEAMS AT END OF CYLINDER

ACTIVE COORDINATE SYSTEM SET TO 1 (CYLINDRICAL)

ELEMENT TYPE 4 REQUIRES UP TO 10 REAL CONSTANTS  
THE CURRENT REAL TABLE SIZE IS 6  
THE SIZE MAY BE INCREASED WITH THE RSIZE, N COMMAND

ELEMENT TYPE 7 USES STIFF 7  
KEYOPT(1-9)= 0 0 0 0 0 0 0 0 0 INDPRT= 0 NUMBER OF NODES= 3

ELASTIC BEAM, 3-D

CURRENT MODAL DOF SET IS UX UY UZ ROTX ROTY ROTZ  
THREE-DIMENSIONAL STRUCTURE

REAL CONSTANT SET 11 ITEMS 1 TO 6  
111. .151E+05 .151E+05 34.0 36.0 0.

NODE 7000 RCS= 1 X, Y, Z= 0. 0. 48.000

ELEMENT TYPE SET TO 3

REAL CONSTANT NUMBER 11

ELEMENT 1297	7000	841	0
ELEMENT 1298	7000	842	0
ELEMENT 1299	7000	843	0
ELEMENT 1300	7000	844	0
ELEMENT 1301	7000	845	0
ELEMENT 1302	7000	846	0
ELEMENT 1303	7000	847	0
ELEMENT 1304	7000	848	0
ELEMENT 1305	7000	849	0
ELEMENT 1306	7000	850	0
ELEMENT 1307	7000	851	0
ELEMENT 1308	7000	852	0
ELEMENT 1309	7000	853	0
ELEMENT 1310	7000	854	0
ELEMENT 1311	7000	855	0
ELEMENT 1312	7000	856	0
ELEMENT 1313	7000	857	0
ELEMENT 1314	7000	858	0
ELEMENT 1315	7000	859	0
ELEMENT 1316	7000	860	0
ELEMENT 1317	7000	861	0
ELEMENT 1318	7000	862	0
ELEMENT 1319	7000	863	0
ELEMENT 1320	7000	864	0
ELEMENT 1321	7000	865	0
ELEMENT 1322	7000	866	0
ELEMENT 1323	7000	867	0
ELEMENT 1324	7000	868	0
ELEMENT 1325	7000	869	0
ELEMENT 1326	7000	870	0
ELEMENT 1327	7000	871	0
ELEMENT 1328	7000	872	0
ELEMENT 1329	7000	873	0
ELEMENT 1330	7000	874	0
ELEMENT 1331	7000	875	0
ELEMENT 1332	7000	876	0
ELEMENT 1333	7000	877	0
ELEMENT 1334	7000	878	0
ELEMENT 1335	7000	879	0
ELEMENT 1336	7000	880	0
ELEMENT 1337	7000	881	0
ELEMENT 1338	7000	882	0
ELEMENT 1339	7000	883	0
ELEMENT 1340	7000	884	0
ELEMENT 1341	7000	885	0
ELEMENT 1342	7000	886	0
ELEMENT 1343	7000	887	0
ELEMENT 1344	7000	888	0
ELEMENT 1345	7000	889	0
ELEMENT 1346	7000	890	0
ELEMENT 1347	7000	891	0
ELEMENT 1348	7000	892	0
ELEMENT 1349	7000	893	0
ELEMENT 1350	7000	894	0
ELEMENT 1351	7000	895	0

100M INTERNAL PRESSURE

SPECIFIED PRESSURE FROM NODE 3602 TO NODE 3655 BY 1

NODES= 3402 3401 3541 3542 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3542 TO NODE 3595 BY  
NODES= 3542 3541 3481 3482 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3482 TO NODE 3535 BY  
NODES= 3482 3481 3421 3422 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3422 TO NODE 3475 BY  
NODES= 3422 3421 3361 3362 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3362 TO NODE 3415 BY  
NODES= 3362 3361 3301 3302 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3302 TO NODE 3355 BY  
NODES= 3302 3301 3241 3242 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3242 TO NODE 3295 BY  
NODES= 3242 3241 3181 3182 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3182 TO NODE 3235 BY  
NODES= 3182 3181 3121 3122 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3122 TO NODE 3175 BY  
NODES= 3122 3121 3061 3062 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 3062 TO NODE 3115 BY  
NODES= 3062 3061 3001 3002 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 2 TO NODE 55 BY  
NODES= 2 1 61 62 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 52 TO NODE 115 BY  
NODES= 62 61 121 122 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 122 TO NODE 175 BY  
NODES= 122 121 181 182 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 182 TO NODE 235 BY  
NODES= 182 181 241 242 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 242 TO NODE 295 BY  
NODES= 242 241 301 302 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 302 TO NODE 355 BY  
NODES= 302 301 361 362 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 362 TO NODE 415 BY  
NODES= 362 361 421 422 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 422 TO NODE 475 BY  
NODES= 422 421 481 482 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 482 TO NODE 535 BY  
NODES= 482 481 541 542 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 542 TO NODE 595 BY  
NODES= 542 541 601 602 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 602 TO NODE 655 BY  
NODES= 602 601 661 662 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 662 TO NODE 715 BY  
NODES= 662 661 721 722 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 722 TO NODE 775 BY 1  
 NODES= 722 721 781 782 782 PRESSURE= 1000.0

SPECIFIED PRESSURE FROM NODE 782 TO NODE 835 BY 1  
 NODES= 782 781 841 842 842 PRESSURE= 1000.0

/COM, BOUNDARY CONDITIONS

ACTIVE COORDINATE SYSTEM SET TO 11 (TOROIDAL)

IN COORDINATE SYSTEM 11, ROTATE NODES 3601 TO 3655 IN STEPS OF 1

SPECIFIED DISP UX FROM NODE 5601 TO NODE 3655 IN STEPS OF 1  
 VALUES= 0. ADDITIONAL DOFS= UZ ROIX ROTZ

/COM, LOADS AT END OF CYLINDER

ACTIVE COORDINATE SYSTEM SET TO 1 (CYLINDRICAL)

IN COORDINATE SYSTEM 1, ROTATE NODES 841 TO 895 IN STEPS OF 1

SPECIFIED FORCE FZ FROM NODE 7000 TO NODE 7000 IN STEPS OF 1  
 VALUES= .7964E+06 0.

SPECIFIED FORCE MY FROM NODE 7000 TO NODE 7000 IN STEPS OF 1  
 VALUES= 13774. 0.

SPECIFIED FORCE MX FROM NODE 7000 TO NODE 7000 IN STEPS OF 1  
 VALUES= 13434. 0.

NITER= 1 NPRINT= 1 NPOST= 1

ALL PRINT CONTROLS RESET TO 1  
 ALL POST DATA FILE CONTROLS RESET TO 1

REACTION FORCE KEY= 2

/COM, MERGE NODES

MERGE NODES	CLOSER THAN	.00010 FROM	1 TO	7102 BY	1
NODE 44	USED FOR NODES	3044			44
NODE 43	USED FOR NODES	3043			43
NODE 45	USED FOR NODES	3045			45
NODE 46	USED FOR NODES	3046			46
NODE 42	USED FOR NODES	42	3042		42
NODE 47	USED FOR NODES	3047			47
NODE 41	USED FOR NODES	41	3041		41
NODE 48	USED FOR NODES	3048			48
NODE 49	USED FOR NODES	3049			49
NODE 50	USED FOR NODES	3050			50
NODE 40	USED FOR NODES	40	3040		40
NODE 51	USED FOR NODES	3051			51
NODE 52	USED FOR NODES	3052			52
NODE 53	USED FOR NODES	3053			53
NODE 59	USED FOR NODES	39	3039		39
NODE 54	USED FOR NODES	3054			54
NODE 601	USED FOR NODES	655	601		601
NODE 841	USED FOR NODES	841	895		841
NODE 661	USED FOR NODES	661	715		661
NODE 781	USED FOR NODES	835	781		781

721 USED FOR NODES 721 775  
 361 USED FOR NODES 361 415  
 481 USED FOR NODES 481 535  
 541 USED FOR NODES 541 595  
 301 USED FOR NODES 355 401  
 421 USED FOR NODES 421 475  
 181 USED FOR NODES 181 235  
 121 USED FOR NODES 121 175  
 61 USED FOR NODES 61 115  
 241 USED FOR NODES 241 295  
 1 USED FOR NODES 1 3055 3001 55  
 3501 USED FOR NODES 3555 3301  
 3061 USED FOR NODES 3115 3061  
 3121 USED FOR NODES 3175 3121  
 3241 USED FOR NODES 3295 3241  
 3181 USED FOR NODES 3235 3181  
 3361 USED FOR NODES 3415 3361  
 3481 USED FOR NODES 3535 3481  
 3601 USED FOR NODES 3601 3655  
 3421 USED FOR NODES 3475 3421  
 3541 USED FOR NODES 3541 3595  
 2 USED FOR NODES 3002 3  
 3 USED FOR NODES 3003 38  
 38 USED FOR NODES 3038 38  
 4 USED FOR NODES 4 3009  
 5 USED FOR NODES 5 3005  
 6 USED FOR NODES 6 3006  
 7 USED FOR NODES 7 3007  
 37 USED FOR NODES 3037 37  
 8 USED FOR NODES 8 3008  
 9 USED FOR NODES 9 3009  
 10 USED FOR NODES 10 3010  
 11 USED FOR NODES 11 3011  
 36 USED FOR NODES 3036 36  
 12 USED FOR NODES 12 3012  
 13 USED FOR NODES 13 3013  
 14 USED FOR NODES 14 3014  
 35 USED FOR NODES 3035 35  
 15 USED FOR NODES 15 3015  
 16 USED FOR NODES 16 3016  
 17 USED FOR NODES 17 3017  
 34 USED FOR NODES 3034 34  
 18 USED FOR NODES 18 3018  
 19 USED FOR NODES 19 3019  
 20 USED FOR NODES 20 3020  
 33 USED FOR NODES 3033 33  
 21 USED FOR NODES 21 3021  
 22 USED FOR NODES 22 3022  
 23 USED FOR NODES 23 3023  
 32 USED FOR NODES 32 3024  
 24 USED FOR NODES 24 3024  
 25 USED FOR NODES 25 3025  
 31 USED FOR NODES 31 3026  
 26 USED FOR NODES 26 3026  
 27 USED FOR NODES 27 3027  
 30 USED FOR NODES 30 3028  
 28 USED FOR NODES 28 3028  
 29 USED FOR NODES 29 3029

ACOM, WAVE SORTING



Land 3

CURRENT LIST= 1 TOTAL ENTRIES= 60 MAXIMUM= 400

WSTA START NODE= 3601 END NODE= 3660 INCREMENT= 1

CURRENT LIST= 2 TOTAL ENTRIES= 120 MAXIMUM= 400

WAVE NUMBER 1

NODES=

3601	3602	3603	3604	3605	3606	3607	3608	3609	3610
3611	3612	3613	3614	3615	3616	3617	3618	3619	3620
3621	3622	3623	3624	3625	3626	3627	3628	3629	3630
3631	3632	3633	3634	3635	3636	3637	3638	3639	3640
3641	3642	3643	3644	3645	3646	3647	3648	3649	3650
3651	3652	3653	3654	3655	3656	3657	3658	3659	3660

WAVE NUMBER 2

NODES=

3542	3541	3594	3543	3544	3545	3546	3547	3548	3549
3550	3551	3552	3553	3554	3555	3556	3557	3558	3559
3560	3561	3562	3563	3564	3565	3566	3567	3568	3569
3570	3571	3572	3573	3574	3575	3576	3577	3578	3579
3580	3581	3582	3583	3584	3585	3586	3587	3588	3589
3590	3591	3592	3593						

WAVE NUMBER 3

NODES=

3482	3481	3483	3534	3533	3484	3485	3486	3487	3488
3489	3490	3491	3492	3493	3494	3495	3496	3497	3498
3499	3500	3501	3502	3503	3504	3505	3506	3507	3508
3509	3510	3511	3512	3513	3514	3515	3516	3517	3518
3519	3520	3521	3522	3523	3524	3525	3526	3527	3528
3529	3530	3531	3532						

WAVE NUMBER 4

NODES=

3422	3421	3423	3474	3473	3424	3425	3426	3427	
3428	3429	3430	3431	3432	3433	3434	3435	3436	3437
3438	3439	3440	3441	3442	3443	3444	3445	3446	3447
3448	3449	3450	3451	3452	3453	3454	3455	3456	3457
3458	3459	3460	3461	3462	3463	3464	3465	3466	3467
3468	3469	3470	3471						

WAVE NUMBER 5

NODES=

3362	3361	3363	3414	3364	3413	3365	3412	3411	3366
3367	3368	3369	3370	3371	3372	3373	3374	3375	3376
3377	3378	3379	3380	3381	3382	3383	3384	3385	3386
3387	3388	3389	3390	3391	3392	3393	3394	3395	3396
3397	3398	3399	3400	3401	3402	3403	3404	3405	3406
3407	3408	3409	3410						

WAVE NUMBER 6

NODES=

3302	3301	3303	3354	3304	3353	3305	3352	3306	3351
3350	3307	3308	3309	3310	3311	3312	3313	3314	3315
3316	3317	3318	3319	3320	3321	3322	3323	3324	3325
3326	3327	3328	3329	3330	3331	3332	3333	3334	3335
3336	3337	3338	3339	3340	3341	3342	3343	3344	3345
3346	3347	3348	3349						

WAVE NUMBER 7

NODES=

3242	3241	3243	3294	3244	3293	3245	3292	3246	3291
3247	3248	3249	3250	3251	3252	3253	3254	3255	3256
3257	3258	3259	3260	3261	3262	3263	3264	3265	3266
3267	3268	3269	3270	3271	3272	3273	3274	3275	3276
3277	3278	3279	3280	3281	3282	3283	3284	3285	3286
3287	3288								

WAVE NUMBER 8

NODES=

3182	3181	3183	3234	3184	3233	3185	3232	3186	3231
3187	3188	3189	3190	3191	3192	3193	3194	3195	3196
3197	3198	3199	3200	3201	3202	3203	3204	3205	3206
3207	3208	3209	3210	3211	3212	3213	3214	3215	3216
3217	3218	3219	3220	3221	3222	3223	3224	3225	3226
3227									

WAVE NUMBER 9

NODES=

3122	3121	3123	3174	3124	3173	3125	3172	3126	3171
3127	3128	3129	3130	3131	3132	3133	3134	3135	3136

PG 17484

19

3133	3134	3135	3136	3137	3138	3139	3140	3141	3142
3143	3144	3145	3146	3147	3148	3149	3150	3151	3152
3153	3154	3155	3156	3157	3158	3159	3160	3161	3162
3163	3164	3165	3166						

WAVE NUMBER 10

NODES=	3062	3061	3063	3114	3064	3113	3065	3112	3066	3111
	3067	3110	3068	3109	3069	3108	3070	3107	3106	3071
	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081
	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091
	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101
	3102	3103	3104	3105						

WAVE NUMBER 11

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

WAVE NUMBER 12

NODES=	62	61	63	114	64	113	65	112	66	111
	67	110	68	109	69	108	70	107	71	106
	72	105	104	73	74	75	76	77	78	79
	80	81	82	83	84	85	86	87	88	89
	90	91	92	93	94	95	96	97	98	99
	100	101	102	103						

WAVE NUMBER 13

NODES=	122	121	123	174	124	173	125	172	126	171
	127	170	128	169	129	168	130	167	131	166
	132	165	133	164	134	163	135	162	136	161
	139	140	141	142	143	144	145	146	147	148
	149	150	151	152	153	154	155	156	157	158
	159	160	161	162						

WAVE NUMBER 14

NODES=	182	181	183	234	184	233	185	232	186	231
	187	230	188	229	189	228	190	227	191	226
	192	225	193	224	194	223	222	195	196	197
	198	199	200	201	202	203	204	205	206	207
	208	209	210	211	212	213	214	215	216	217
	218	219	220	221						

WAVE NUMBER 15

NODES=	242	241	243	294	244	293	245	292	246	291
	247	290	248	289	249	288	250	287	251	286
	252	285	253	284	254	283	255	282	256	281
	257	258	259	260	261	262	263	264	265	266
	267	268	269	270	271	272	273	274	275	276
	277	278	279	280						

WAVE NUMBER 16

NODES=	302	301	303	354	304	353	305	352	306	351
	307	350	308	349	309	348	310	347	311	346
	312	345	313	344	314	343	315	342	316	341
	340	317	318	319	320	321	322	323	324	325
	326	327	328	329	330	331	332	333	334	335
	336	337	338	339						

WAVE NUMBER 17

NODES=	362	361	363	414	364	413	365	412	366	411
	367	410	368	409	369	408	370	407	371	406
	372	405	373	404	374	403	375	402	376	401
	377	400	378	378	379	380	381	382	383	384
	385	386	387	388	389	390	391	392	393	394
	395	396	397	398						

WAVE NUMBER 18

NODES=	422	421	423	474	424	473	425	472	426	471
	427	470	428	469	429	468	430	467	431	466
	432	465	433	464	434	463	435	462	436	461

437 460 438 459 458 439 440 441 442 443  
444 445 446 447 448 449 450 451 452 453  
454 455 456 457

WAVE NUMBER 19

NODES= 482 481 483 534 484 533 485 532 486 531  
487 530 488 529 489 528 490 527 491 526  
492 525 493 524 494 523 495 522 496 521  
497 520 498 519 499 518 500 517 501 516  
503 504 505 506 507 508 509 510 511 512  
513 514 515 516

WAVE NUMBER 20

NODES= 542 541 543 594 544 593 545 592 546 591  
547 590 548 589 549 588 550 587 551 586  
552 585 553 584 554 583 555 582 556 581  
557 580 558 579 559 578 560 577 561 576  
562 563 564 565 566 567 568 569 570 571  
572 573 574 575

WAVE NUMBER 21

NODES= 602 601 603 654 604 653 605 652 606 651  
607 650 608 649 609 648 610 647 611 646  
612 645 613 644 614 643 615 642 616 641  
617 640 618 639 619 638 620 637 621 636  
635 622 623 624 625 626 627 628 629 630  
631 632 633 634

WAVE NUMBER 22

NODES= 662 661 663 714 664 713 665 712 666 711  
667 710 668 709 669 708 670 707 671 706  
672 705 673 704 674 703 675 702 676 701  
677 700 678 699 679 698 680 697 681 696  
682 695 694 683 684 685 686 687 688 689  
690 691 692 693

WAVE NUMBER 23

NODES= 722 721 723 774 724 773 725 772 726 771  
727 770 728 769 729 768 730 767 731 766  
732 765 733 764 734 763 735 762 736 761  
737 760 738 759 739 758 740 757 741 756  
742 755 743 754 744 753 745 752 746 751  
747 750 748 751 752

WAVE NUMBER 24

NODES= 782 781 783 834 784 833 785 832 786 831  
787 830 788 829 789 828 790 827 791 826  
792 825 793 824 794 823 795 822 796 821  
797 820 798 819 799 818 800 817 801 816  
802 815 803 814 804 813 812 805 806 807  
808 809 810 811

WAVE NUMBER 25

NODES= 842 841 843 894 844 893 845 892 846 891  
847 890 848 889 849 888 850 887 851 886  
852 885 853 884 854 883 855 882 856 881  
857 880 858 879 859 878 860 877 861 876  
862 875 863 874 864 873 865 872 871 866  
867 868 869 870

WAVE NUMBER 26

NODES= 7000

CURRENT MAXIMUM WAVE FRONT IS 542 AT ELEMENT 542

DATA CHECKED - NO FATAL ERRORS FOUND.  
CHECK OUTPUT FOR POSSIBLE WARNING MESSAGES.

ANALYSIS DATA WRITTEN ON FILE27 ( 4338 LINES)

\*\*\* PREP7 GLOBAL STATUS \*\*\*



TITLE= SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

ANALYSIS TYPE= 0

NUMBER OF ELEMENT TYPES= 3

NUMBER OF ELEMENTS= 1351

MAXIMUM NODE NUMBER= 7102

MAXIMUM LINEAR PROPERTY NUMBER= 1

MAXIMUM REAL CONSTANT SET NUMBER= 11

ACTIVE COORDINATE SYSTEM= 1 (CYLINDRICAL)

NUMBER OF IMPOSED DISPLACEMENTS= 270

NUMBER OF MODAL FORCES= 3

NUMBER OF MODAL PRESSURES= 1296

ALL CURRENT PREP7 DATA WRITTEN TO FILE16  
FOR POSSIBLE RESUME FROM THIS POINT

\*\*\*\*\* ROUTINE COMPLETED \*\*\*\*\* CP = 212.146

CHECK RUN OPTION SET

\*\*\*\*\* INPUT FILE SWITCHED FROM FILE16 TO FILE27 \*\*\*\*\*

ANSYS - ENGINEERING ANALYSIS SYSTEM REVISION 4.1  
 HOUSTON, PENNSYLVANIA 15342  
 B + M NOS  
 PHONE (412)746-3304 FAX 510-690-8655  
 JAN 1 1983  
 10.5486 86/12/16 CP= 216.437

SWELL 45 DEGREE ELBOW WITH GROOVE PLATE MODEL

LOAD STEP NUMBER: 1

LOAD OPTIONS SUMMARY

TIME = 0. (TIME AT END OF LOAD STEP)  
 NITER = 1 (NUMBER OF ITERATIONS)  
 IUNIF = 0.0000 (UNIFORM TEMPERATURE) (TREF = 0.0000)  
 TREF = 0 (USE TUNIF FOR ALL NODAL TEMPERATURES)  
 IRF = 2 (PRINT REACTION FORCES AT CONSTRAINED NODES)

MPRINT = 1 (OVERALL PRINT FREQUENCY)  
 MPOST = 1 (OVERALL POST FREQUENCY)

DISPLACEMENT PRINT FREQUENCIES

FREQ NSTR NSTOP NINC  
 1 1 9990 1

ELEMENT PRINT AND POST FREQUENCIES

ELEMENT TYPE	STIFF	STRESS	FORCE	STRESS	STRESS	FORCE
		PRINT	PRINT	POST	POST	POST
1	63	1	1	3	3	1
2	63	1	1	3	3	1
3	4	1	1	3	3	1

ELEMENT PRESSURE DATA AUTOMATICALLY WRITTEN TO AND READ FROM FILEZ6

LOAD SUMMARY - 270 DISPLACEMENTS 3 FORCES 1296 PRESSURES

REAL STORAGE REQUIREMENTS FOR LOAD DATA INPUT CP = 278.139 TIME = 10.60972  
 MEMORY I = 7852 MEMORY II = 0 TOTAL = 7852 AVAILABLE MEMORY I = 45000 MEMORY II = 1015798

MAXIMUM IN-CORE WAVE FRONT ALLOWED FOR REQUESTED MEMORY SIZE = 1423.

WAVE FRONT HISTORY

IN-CORE IN-CORE OUT-OF-CORE OUT-OF-CORE

ELEMENT	EQUATIONS	MAXIMUM	EQUATIONS	MAXIMUM
1	14	0	0	0
2	20	0	0	0
3	26	0	0	0
4	32	0	0	0
5	38	0	0	0
6	44	0	0	0
7	50	0	0	0
8	56	0	0	0
9	62	0	0	0
10	68	0	0	0
11	74	0	0	0
12	80	0	0	0
13	86	0	0	0
14	92	0	0	0
15	98	0	0	0



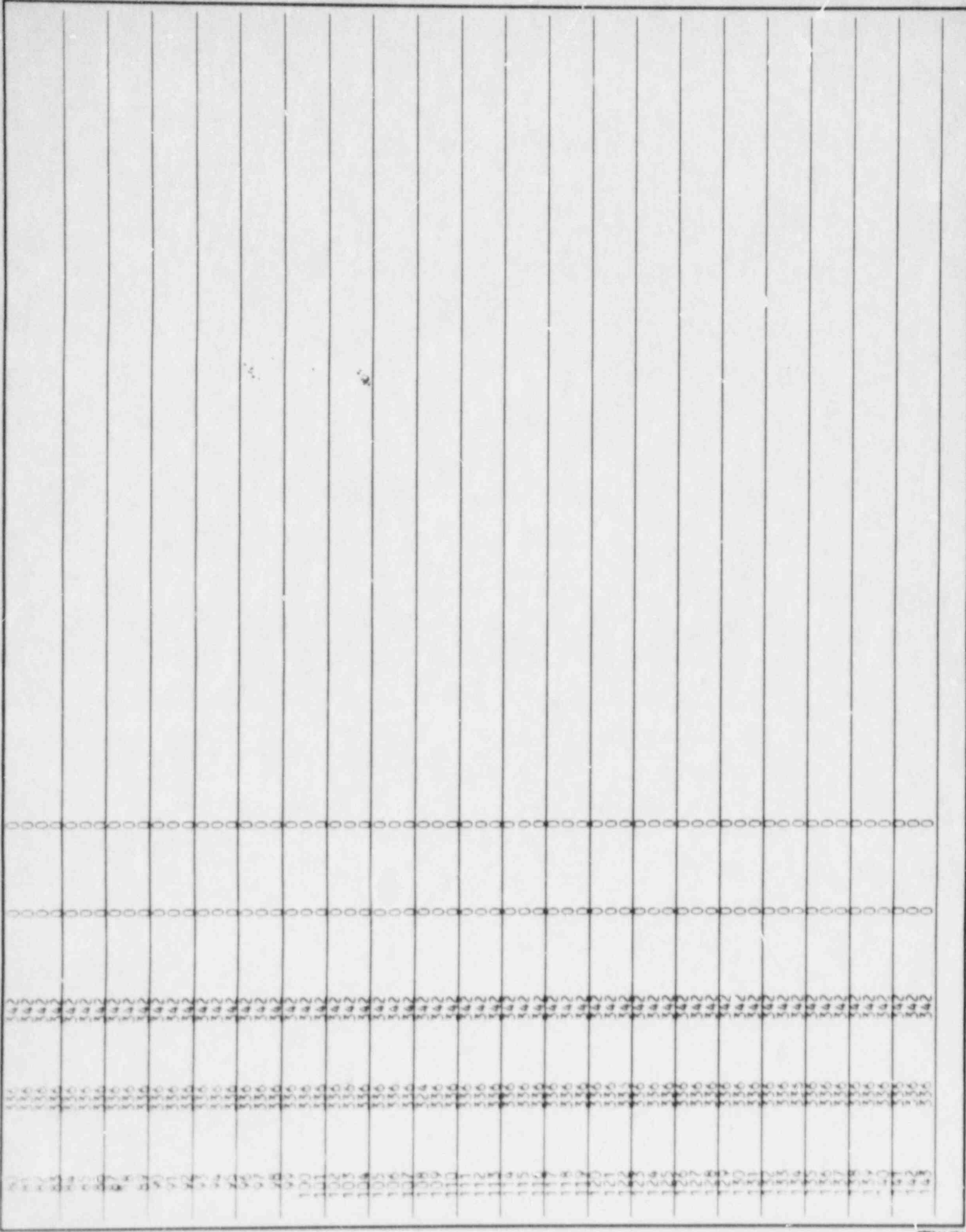


Table with 13 columns and multiple rows of data. The columns contain numerical values. The data is organized into several distinct rows, with some rows containing multiple columns of values.

102	103	104	105	106	107	108	109	110	111	112	113	114
122	123	124	125	126	127	128	129	130	131	132	133	134
142	143	144	145	146	147	148	149	150	151	152	153	154
162	163	164	165	166	167	168	169	170	171	172	173	174
182	183	184	185	186	187	188	189	190	191	192	193	194
202	203	204	205	206	207	208	209	210	211	212	213	214
222	223	224	225	226	227	228	229	230	231	232	233	234
242	243	244	245	246	247	248	249	250	251	252	253	254
262	263	264	265	266	267	268	269	270	271	272	273	274
282	283	284	285	286	287	288	289	290	291	292	293	294
302	303	304	305	306	307	308	309	310	311	312	313	314
322	323	324	325	326	327	328	329	330	331	332	333	334
342	343	344	345	346	347	348	349	350	351	352	353	354
362	363	364	365	366	367	368	369	370	371	372	373	374
382	383	384	385	386	387	388	389	390	391	392	393	394
402	403	404	405	406	407	408	409	410	411	412	413	414
422	423	424	425	426	427	428	429	430	431	432	433	434
442	443	444	445	446	447	448	449	450	451	452	453	454
462	463	464	465	466	467	468	469	470	471	472	473	474
482	483	484	485	486	487	488	489	490	491	492	493	494
502	503	504	505	506	507	508	509	510	511	512	513	514
522	523	524	525	526	527	528	529	530	531	532	533	534
542	543	544	545	546	547	548	549	550	551	552	553	554
562	563	564	565	566	567	568	569	570	571	572	573	574
582	583	584	585	586	587	588	589	590	591	592	593	594
602	603	604	605	606	607	608	609	610	611	612	613	614
622	623	624	625	626	627	628	629	630	631	632	633	634
642	643	644	645	646	647	648	649	650	651	652	653	654
662	663	664	665	666	667	668	669	670	671	672	673	674
682	683	684	685	686	687	688	689	690	691	692	693	694
702	703	704	705	706	707	708	709	710	711	712	713	714
722	723	724	725	726	727	728	729	730	731	732	733	734
742	743	744	745	746	747	748	749	750	751	752	753	754
762	763	764	765	766	767	768	769	770	771	772	773	774
782	783	784	785	786	787	788	789	790	791	792	793	794
802	803	804	805	806	807	808	809	810	811	812	813	814
822	823	824	825	826	827	828	829	830	831	832	833	834
842	843	844	845	846	847	848	849	850	851	852	853	854
862	863	864	865	866	867	868	869	870	871	872	873	874
882	883	884	885	886	887	888	889	890	891	892	893	894
902	903	904	905	906	907	908	909	910	911	912	913	914
922	923	924	925	926	927	928	929	930	931	932	933	934
942	943	944	945	946	947	948	949	950	951	952	953	954
962	963	964	965	966	967	968	969	970	971	972	973	974
982	983	984	985	986	987	988	989	990	991	992	993	994
1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014







354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400

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657	0000000000	342	0000000000
658	0000000000	342	0000000000
659	0000000000	342	0000000000
660	0000000000	342	0000000000
661	0000000000	342	0000000000
662	0000000000	342	0000000000
663	0000000000	342	0000000000
664	0000000000	342	0000000000
665	0000000000	342	0000000000
666	0000000000	342	0000000000
667	0000000000	342	0000000000
668	0000000000	342	0000000000
669	0000000000	342	0000000000
670	0000000000	342	0000000000
671	0000000000	342	0000000000
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673	0000000000	342	0000000000
674	0000000000	342	0000000000
675	0000000000	342	0000000000
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714	0000000000	342	0000000000
715	0000000000	342	0000000000
716	0000000000	342	0000000000
717	0000000000	342	0000000000
718	0000000000	342	0000000000
719	0000000000	342	0000000000
720	0000000000	342	0000000000





























MEMORY I= 7850 MEMORY II= 42007 TOTAL= 49857 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798  
REAL STORAGE REQUIREMENTS FOR STRESS AND FORCE CALCULATIONS CP= 294.596 TIME= 10.63139  
MEMORY I= 7850 MEMORY II= 86000 TOTAL= 91850 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798

STORAGE REQUIREMENT SUMMARY

MAXIMUM CENTRAL MEMORY USED = 7852  
MAXIMUM AUXILIARY MEMORY USED = 86000  
MAXIMUM TOTAL MEMORY USED = 91850  
MAXIMUM AUXILIARY AVAILABLE = 1015798

PROBLEM STATISTICS

NO. OF ACTIVE DEGREES OF FREEDOM = 7836  
R.M.S. WAVEFRONT SIZE = 332.5

ANSYS BINARY FILE STATISTICS

BUFFER SIZE USED= 1022  
POST DATA WRITTEN ON FILE12  
RESIART DATA WRITTEN ON FILE 3 ( 1183049 WORDS)  
TRIANGULARIZED MATRIX WRITTEN ON FILE11 ( 2678003 WORDS)

END OF INPUT ENCOUNTERED ON FILE27

INPUT FILE SWITCHED FROM FILE27 TO FILE18

ANSYS - ENGINEERING ANALYSIS SYSTEM REVISION 4.1  
 SWANSON ANALYSIS SYSTEMS, INC. HOUSTON, PENNSYLVANIA 15342 B + W NOS JAN 1 1983  
 PHONE (412)746-3304 TWX 510-690-8655  
 MAIL 40 DEGREE ELBOW WITH GROOVE PLATE MODEL 10.6317 86/12/16 CP# 294.661

ANSYS RUN TIME ESTIMATOR

ANSYS RUN TIME ESTIMATOR

COMPUTER = CYBER 855 NUMBER OF MASTER DOF = 0  
 ANALYSIS TYPE = 0 RMS WAVE FRONT = 333  
 NUMBER OF NODES = 1306 TOTAL NO. OF ITERATIONS = 1  
 MAX. DOF PER NODE = 6 STIFF. MATRIX SAVE KEY = 0  
 NUMBER OF MATRICES = 1 ELEM. MATRIX SAVE KEY = 0  
 NUMBER OF STRESS SOLUTIONS = 1 ROTATED NODE FRACTION = 0.000

STIFF NUMBER	FORM. TIME	STRESS TIME	NAME
4	.082	.136	ELASTIC BEAM, 3-D
63	1.098	.627	QUAD. FLAT SHELL

ANALYSIS PHASE	FIRST ITERATION	SUBSEQUENT ITERATIONS	TOTAL
ELEMENT FORMULATION	93.12	93.12	93.12
WAVE FRONT SOLUTION	850.22	850.22	850.22
BACK SUBSTITUTION	17.02	17.02	17.02
ELEMENT STRESSES	53.49	53.49	53.49

TOTAL TIME (SEC) 1013.86 1013.86 1013.86

ROUTINE COMPLETED CP = 294.661

FILE 27 REWOUND

INPUT FILE SWITCHED FROM FILE18 TO FILE27

ANSYS INPUT DATA LISTING (FILE18)

```
1 /CORE,45000
2 /PREP7
3 /INPUT,28
4 /CHECK
5 /INPUT,27
6 FINISH
7 /RESTART,27
8 /INPUT,27
9 FINISH
10
```

MEMORY REQUEST FROM /CORE  
MAXIMUM SCM = 45000  
MAXIMUM LCM = 0  
MAXIMUM VIRTUAL = 0

MEMORY OBTAINED  
SCM = 45000  
LCM = 1015798  
VIRTUAL = 522240

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

10.5433 86/12/16 CP= 212.158

\*\*\*\*\* NOTICE \*\*\*\*\* THIS IS THE ANSYS GENERAL PURPOSE  
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THE VALIDITY, ACCURACY, OR APPLICABILITY OF ANY RESULTS  
OBTAINED FROM THE ANSYS SYSTEM. THE USER MUST VERIFY HIS  
OWN RESULTS.

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ANSYS PROGRAM AS COMPLETE, ACCURATE, AND EASY TO USE AS  
POSSIBLE. SUGGESTIONS AND COMMENTS ARE WELCOMED. ANY  
ERRORS ENCOUNTERED IN EITHER THE DOCUMENTATION OR THE  
RESULTS SHOULD BE IMMEDIATELY BROUGHT TO OUR ATTENTION.

PRINTOUT SUPPRESSED BY /NOP

\*\*\*\*\* ANALYSIS OPTIONS \*\*\*\*\*

	VALUE
ANALYSIS TYPE . . . . .	0
REFERENCE TEMPERATURE . . . . .	0.00

\*\*\*\*\* ELEMENT TYPES \*\*\*\*\*

TYPE	STIF	DESCRIPTION	KEY OPTIONS									NJ	INOTPR
			1	2	3	4	5	6	7	8	9		

NUMBER OF ELEMENT TYPES= 3

\*\*\*\*\* TABLE OF ELEMENT REAL CONSTANTS \*\*\*\*\*

NO.

PRINTOUT SUPPRESSED BY /NOP

NUMBER OF REAL CONSTANT SETS= 11

\*\*\*\*\* ELEMENT DEFINITIONS \*\*\*\*\*

ELEMENT	NODES	MAT	TYPE	CLASS	ELEMENT REAL CONSTANTS
---------	-------	-----	------	-------	------------------------

PRINTOUT SUPPRESSED BY /NOP

SWITCHED TO FIXED FORMAT INPUT

REAL STORAGE REQUIREMENTS FOR ELEMENT INPUT CP= 214.252 TIME= 10.54528  
MEMORY I= 3100 MEMORY II= 14000 TOTAL= 17100 AVAILABLE MEMORY I= 45060 MEMORY II= 1015798



MAXIMUM NODE NUMBER FOR AVAILABLE AUXILIARY MEMORY SIZE = 507899  
NUMBER OF ELEMENTS = 1351    MAXIMUM NODE NUMBER USED = 7000

\*\*\*\*\* NODE DEFINITIONS \*\*\*\*\*

NODE	LOCATION			ROTATION (DEGREES)		
	X (OR R)	Y (OR THETA)	Z (OR PHI)	THX (OR RT)	THY (TZ OR TP)	THZ (RZ OR RP)

PRINTOUT SUPPRESSED BY /NOP

SWITCHED TO FIXED FORMAT INPUT

\*\*\*\*\* NODE \*\*\*\*\* NODES INPUT OR GENERATED WHICH ARE GREATER THAN NEEDED BY ELEMENTS ARE NOT PRINTED.

XMIN= -16.4C    XMAX= 16.4S    YMIN= -16.57    YMAX= 51.00    ZMIN= -67.57    ZMAX= 48.00  
REAL STORAGE REQUIREMENT    NODE INPUT    CP= 215.889    TIME= 10.54750  
MEMORY I= 0    MEMO)    11= 42000    TOTAL= 42000    AVAILABLE MEMORY I= 45000    MEMORY II= 1015798  
\*\*\*\*\* NODE NUMBER FOR AVAILABLE AUXILIARY MEMORY SIZE= 169299

\*\*\*\*\* MATERIAL PROPERTIES \*\*\*\*\*

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MAXIMUM MATERIAL NUMBER= 1

\*\*\*\*\* MASTER DEGREES OF FREEDOM \*\*\*\*\*

NODE    DEGREES OF FREEDOM LIST

NUMBER OF SPECIFIED MASTER D.O.F. = 0  
TOTAL NUMBER OF MASTER D.O.F. = 0

REAL STORAGE REQUIREMENTS FOR MATERIALS, ETC. INPUT    CP= 216.291    TIME= 10.54833  
MEMORY I= 14    MEMORY II= 0    TOTAL= 14    AVAILABLE MEMORY I= 45000    MEMORY II= 1015798

PRINTOUT SUPPRESSED BY /NOP



REPORT TO 7850 MEMORY II= 59168 TOTAL= 67018 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798

MAXIMUM IN-CORE WAVE FRONT# 342.

MATRIX SOLUTION LINES

READ IN ELEMENT STIFFNESSES CP= 4.086

NODAL COORD. TRANSFORMATION CP= 1.685  
MATRIX TRIANGULARIZATION CP= 1185.727

TIME AT END OF MATRIX TRIANGULARIZATION CP= 1698.677

TIME AT START OF BACK SUBSTITUTION CP= 1698.690 LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

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 FINITE ELEMENT COMPUTER PROGRAM. NEITHER SWANSON ANALYSIS  
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 OBTAINED FROM THE ANSYS SYSTEM. THE USER MUST VERIFY HIS  
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SWANSON ANALYSIS SYSTEMS, INC. IS ENDEAVORING TO MAKE THE  
 ANSYS PROGRAM AS COMPLETE, ACCURATE, AND EASY TO USE AS  
 POSSIBLE. SUGGESTIONS AND COMMENTS ARE WELCOMED. ANY  
 ERRORS ENCOUNTERED IN EITHER THE DOCUMENTATION OR THE  
 RESULTS SHOULD BE IMMEDIATELY BROUGHT TO OUR ATTENTION.

PRINTOUT SUPPRESSED BY /NOP

\*\*\*\*\* ANALYSIS OPTIONS \*\*\*\*\*  
 VALUE  
 ANALYSIS TYPE : : : : 0  
 REFERENCE TEMPERATURE : : : : 0.00

\*\*\*\*\* ELEMENT TYPES \*\*\*\*\*

TYPE	STIF	DESCRIPTION	1	2	3	4	5	6	7	8	9	NJ	INOTPR
NUMBER OF ELEMENT TYPES =	3												

\*\*\*\*\* TABLE OF ELEMENT REAL CONSTANTS \*\*\*\*\*  
 NO.

PRINTOUT SUPPRESSED BY /NOP  
 NUMBER OF REAL CONSTANT SETS = 11

\*\*\*\*\* ELEMENT DEFINITIONS \*\*\*\*\*  
 ELEMENT NODES MAT TYPE CLASS ELEMENT REAL CONSTANTS

PRINTOUT SUPPRESSED BY /NOP  
 SWITCHED TO FIXED FORMAT INPUT

MAXIMUM NODE NUMBER FOR AVAILABLE AUXILIARY MEMORY SIZE= 507899

NUMBER OF ELEMENTS = 1351      MAXIMUM NODE NUMBER USED = 7000

\*\*\*\*\* NODE DEFINITIONS \*\*\*\*\*

NODE	LOCATION			ROTATION (DEGREES)		
	X (OR R)	Y (OR THETA)	Z (OR PHI)	THX (OR RT)	THY (TZ OR TP)	THZ (RZ OR RP)

PRINTOUT SUPPRESSED BY /NOP

SWITCHED TO FIXED FORMAT INPUT

\*\*\*\*\* NODES INPUT OR GENERATED WHICH ARE GREATER THAN NEEDED BY ELEMENTS ARE NOT PRINTED. \*\*\*\*\*

XMIN= -16.46      XMAX= 16.45      YMIN= -16.57      YMAX= 51.00      ZMIN= -67.57      ZMAX= 48.00

REAL STORAGE REQUIREMENTS FOR NODE INPUT

MEMORY I= 0      MEMORY II= 42000      TOTAL= 42000      AVAILABLE MEMORY I= 45000      MEMORY II= 1015798

\*\*\*\*\* NODE NUMBER FOR AVAILABLE AUXILIARY MEMORY SIZE= 169299 \*\*\*\*\*

\*\*\*\*\* MATERIAL PROPERTIES \*\*\*\*\*

PRINTOUT SUPPRESSED BY /NOP

MAXIMUM MATERIAL NUMBER= 1

\*\*\*\*\* MASTER DEGREES OF FREEDOM \*\*\*\*\*

NODE      DEGREES OF FREEDOM LIST

NUMBER OF SPECIFIED MASTER D.O.F.= 0

TOTAL NUMBER OF MASTER D.O.F.= 0

REAL STORAGE REQUIREMENTS FOR MATERIALS, ETC. INPUT

MEMORY I= 14      MEMORY II= 0      TOTAL= 14      AVAILABLE MEMORY I= 45000      MEMORY II= 1015798

PRINTOUT SUPPRESSED BY /NOP

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

10.6386 86/12/16 CP= 299.068

LOAD STEP NUMBER= 1

\*\*\* LOAD OPTIONS SUMMARY \*\*\*

TIME = 0. (TIME AT END OF LOAD STEP)  
 NITR= 1 (NUMBER OF ITERATIONS)  
 TUNIF = 0.0000 (UNIFORM TEMPERATURE) (TREF = 0.0000)  
 KTEMP = 0 (USE TUNIF FOR ALL MODAL TEMPERATURES)  
 KRF = 2 (PRINT REACTION FORCES AT CONSTRAINED NODES)

NPRINT= 1 (OVERALL PRINT FREQUENCY)  
 NPOST = 1 (OVERALL POST FREQUENCY)

DISPLACEMENT PRINT FREQUENCIES

FREQ	NSTRT	NSTOP	NINC
1	1	99900	1

ELEMENT PRINT AND POST FREQUENCIES

TYPE	STIFF	STRESS	FORCE	STRESS	STRESS	FORCE
	NO.	PRINT	PRINT	POST	LEVEL	POST
1	63	1	1	1	3	1
2	63	1	1	1	3	1
3	4	1	1	1	3	1

ELEMENT PRESSURE DATA AUTOMATICALLY WRITTEN TO AND READ FROM FILE26

\*\*\*\*\* LOAD SUMMARY - 270 DISPLACEMENTS 3 FORCES 1296 PRESSURES \*\*\*\*\*

REAL STORAGE REQUIREMENTS FOR LOAD DATA INPUT CP= 360.762 TIME= 10.69945  
 MEMORY I= 7852 MEMORY II= 0 TOTAL= 7852 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798

RANGE OF ELEMENT MAXIMUM STIFFNESS IN GLOBAL COORDINATES

MAXIMUM= .109948E+12 AT ELEMENT 1341.  
 MINIMUM= .122298E+08 AT ELEMENT 1165.

REAL STORAGE REQUIREMENTS FOR ELEMENT FORMULATION CP= 506.933 TIME= 10.85833  
 MEMORY I= 7850 MEMORY II= 0 TOTAL= 7850 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798

\*\*\* ELEMENT STIFFNESS FORMULATION TIMES

TYPE	NUMBER	STIF	TOTAL	CP	AVE CP
1	756	63	82.644	.109	
2	540	63	61.415	.114	
3	55	4	.733	.013	

TIME AT END OF ELEMENT STIFFNESS FORMULATION CP= 506.938

MAXIMUM IN-CORE WAVE FRONT ALLOWED FOR REQUESTED MEMORY SIZE= 1425.

REAL STORAGE REQUIREMENTS FOR WAVE FRONT MATRIX SOLUTION CP= 1698.668 TIME= 12.18028



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2344 86/12/16 CP= 1712.103

\*\*\*\*\* DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

1	-.526507E-02	-.433296E-01	-.252148E-01	.768681E-03	.257780E-04	.863336E-03
2	-.471073E-02	-.425800E-01	-.252915E-01	.738677E-03	-.804709E-04	.907805E-03
3	-.428304E-02	-.418174E-01	-.252409E-01	.702741E-03	-.182365E-03	.717907E-03
4	-.389972E-02	-.411939E-01	-.251497E-01	.684108E-03	-.145038E-03	.571728E-03
5	-.354693E-02	-.406744E-01	-.250211E-01	.668299E-03	-.129820E-03	.457696E-03
6	-.321299E-02	-.402314E-01	-.248562E-01	.655259E-03	-.126745E-03	.370699E-03
7	-.289176E-02	-.398409E-01	-.246554E-01	.644025E-03	-.123434E-03	.307292E-03
8	-.258070E-02	-.394823E-01	-.244198E-01	.634667E-03	-.120112E-03	.263695E-03
9	-.227997E-02	-.391387E-01	-.241499E-01	.627142E-03	-.116808E-03	.235951E-03
10	-.199135E-02	-.387975E-01	-.238465E-01	.621266E-03	-.113290E-03	.220057E-03
11	-.171730E-02	-.384500E-01	-.235102E-01	.617022E-03	-.109805E-03	.211979E-03
12	-.146004E-02	-.380918E-01	-.231419E-01	.614376E-03	-.106390E-03	.207679E-03
13	-.122067E-02	-.377222E-01	-.227427E-01	.613261E-03	-.102907E-03	.203121E-03
14	-.998395E-03	-.373437E-01	-.223138E-01	.613603E-03	-.991432E-04	.194305E-03
15	-.789780E-03	-.369618E-01	-.218564E-01	.615366E-03	-.948967E-04	.177289E-03
16	-.588129E-03	-.365842E-01	-.213721E-01	.618558E-03	-.899823E-04	.148227E-03
17	-.382993E-03	-.362201E-01	-.208623E-01	.623215E-03	-.842018E-04	.103396E-03
18	-.159798E-03	-.358792E-01	-.203287E-01	.629579E-03	-.775252E-04	.392035E-04
19	-.100393E-03	-.355712E-01	-.197728E-01	.638122E-03	-.700695E-04	-.478076E-04
20	-.420981E-03	-.353042E-01	-.191961E-01	.649082E-03	-.617672E-04	-.160920E-03
21	-.829789E-03	-.350847E-01	-.185996E-01	.659803E-03	-.507631E-04	-.303167E-03
22	-.135882E-02	-.349156E-01	-.179844E-01	.657741E-03	-.296155E-04	-.477607E-03
23	-.204596E-02	-.347949E-01	-.173508E-01	.656941E-03	-.614440E-05	-.489797E-03
24	-.293701E-02	-.347210E-01	-.166978E-01	.721185E-03	.684060E-06	-.951346E-03
25	-.392868E-02	-.345378E-01	-.160067E-01	.728657E-03	.108672E-05	-.965856E-03
26	-.504777E-02	-.343267E-01	-.151363E-01	.722577E-03	.241080E-04	-.697298E-03
27	-.592896E-02	-.339258E-01	-.141508E-01	.740535E-03	.312627E-04	-.463359E-03
28	-.654002E-02	-.333577E-01	-.130361E-01	.758415E-03	.320662E-04	-.264881E-03
29	-.685990E-02	-.326599E-01	-.117806E-01	.769189E-03	.253302E-04	-.109117E-03
30	-.689073E-02	-.318720E-01	-.103786E-01	.784900E-03	.758224E-05	-.140977E-05
31	-.665803E-02	-.310314E-01	-.885262E-02	.807184E-03	-.227678E-04	.577672E-04
32	-.620189E-02	-.301636E-01	-.715899E-02	.842300E-03	-.640230E-04	.746728E-04
33	-.555831E-02	-.292801E-01	-.539429E-02	.892797E-03	-.110143E-03	.624307E-04
34	-.473821E-02	-.283872E-01	-.360575E-02	.958900E-03	-.149707E-03	.568859E-04
35	-.372197E-02	-.275024E-01	-.190261E-02	.102442E-02	-.169114E-03	.778484E-05
36	-.247917E-02	-.266535E-01	-.444971E-03	.107807E-02	-.158453E-03	-.301157E-04
37	-.989011E-03	-.258431E-01	.557851E-03	.109975E-02	-.118289E-03	-.946954E-04
38	-.793131E-03	-.250396E-01	.860661E-03	.108035E-02	-.612021E-04	-.186342E-03
39	-.295879E-02	-.244155E-01	.193546E-03	.102461E-02	-.813955E-05	-.216241E-03
40	-.516022E-02	-.250162E-01	-.171860E-02	.948175E-03	.198248E-04	.828123E-04
41	-.602731E-02	-.273935E-01	-.465528E-02	.875953E-03	.182001E-04	.426279E-03
42	-.552625E-02	-.300507E-01	-.787451E-02	.821624E-03	.559107E-05	.420587E-03
43	-.486255E-02	-.321023E-01	-.109872E-01	.784303E-03	-.246688E-05	-.217478E-03
44	-.472254E-02	-.336736E-01	-.138161E-01	.759745E-03	-.101338E-05	-.631734E-04

SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2344 86/12/16 CP= 1712.160

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

45	-.519111E-02	-.351290E-01	-.163007E-01	.743410E-03	.373912E-05	-.325892E-03
46	-.600809E-02	-.366946E-01	-.184292E-01	.734668E-03	.184609E-05	-.517275E-03
47	-.685327E-02	-.383892E-01	-.202092E-01	.735587E-03	-.111499E-04	-.620332E-03
48	-.749717E-02	-.401011E-01	-.216583E-01	.746416E-03	-.321690E-04	-.637638E-03
49	-.783088E-02	-.416774E-01	-.228023E-01	.763162E-03	-.550262E-04	-.578363E-03
50	-.784087E-02	-.429797E-01	-.236733E-01	.779890E-03	-.743501E-04	-.452409E-03
51	-.757274E-02	-.439083E-01	-.243074E-01	.790420E-03	-.889759E-04	-.259059E-03
52	-.710132E-02	-.444077E-01	-.247427E-01	.792311E-03	-.983516E-04	-.372502E-04
53	-.650923E-02	-.444629E-01	-.250163E-01	.781892E-03	-.112905E-03	.233851E-03
54	-.587638E-02	-.440906E-01	-.251628E-01	.762886E-03	-.128432E-03	.535707E-03
61	-.529183E-02	-.435171E-01	-.251855E-01	.765122E-03	-.736569E-04	.870430E-03
62	-.473785E-02	-.427659E-01	-.252626E-01	.751001E-03	-.125018E-03	.918112E-03
63	-.430333E-02	-.419960E-01	-.252123E-01	.727717E-03	-.474876E-04	.723890E-03
64	-.392123E-02	-.413667E-01	-.251219E-01	.701917E-03	-.565833E-04	.576175E-03
65	-.356810E-02	-.408427E-01	-.249940E-01	.682677E-03	-.638106E-04	.461304E-03
66	-.323442E-02	-.403959E-01	-.248298E-01	.666253E-03	-.668865E-04	.373770E-03
67	-.291359E-02	-.400023E-01	-.246297E-01	.652442E-03	-.700637E-04	.309818E-03
68	-.260302E-02	-.396411E-01	-.243947E-01	.641503E-03	-.739442E-04	.265677E-03
69	-.230280E-02	-.392956E-01	-.241254E-01	.633339E-03	-.778924E-04	.237412E-03
70	-.201465E-02	-.389530E-01	-.238224E-01	.627825E-03	-.816965E-04	.221032E-03
71	-.174098E-02	-.386047E-01	-.234866E-01	.624735E-03	-.850176E-04	.212506E-03
72	-.148397E-02	-.382463E-01	-.231187E-01	.623846E-03	-.876379E-04	.207789E-03
73	-.124469E-02	-.378767E-01	-.227199E-01	.624964E-03	-.893762E-04	.202835E-03
74	-.102230E-02	-.374988E-01	-.222912E-01	.627941E-03	-.900807E-04	.193629E-03
75	-.813321E-03	-.371179E-01	-.218341E-01	.632659E-03	-.895786E-04	.176218E-03
76	-.611004E-03	-.367417E-01	-.213498E-01	.639003E-03	-.876620E-04	.146745E-03
77	-.404847E-03	-.363793E-01	-.208401E-01	.646867E-03	-.841178E-04	.101481E-03
78	-.183231E-03	-.360406E-01	-.203063E-01	.656011E-03	-.786350E-04	.368353E-04
79	.818372E-04	-.357349E-01	-.197502E-01	.666113E-03	-.709664E-04	-.506297E-04
80	.404783E-03	-.354706E-01	-.191731E-01	.676693E-03	-.609709E-04	-.164172E-03
81	.816392E-03	-.352539E-01	-.185761E-01	.689241E-03	-.498147E-04	-.306862E-03
82	.134918E-02	-.350874E-01	-.179603E-01	.706764E-03	-.382226E-04	-.482047E-03
83	.204037E-02	-.349715E-01	-.173263E-01	.726349E-03	-.212604E-04	-.695408E-03
84	.294013E-02	-.348953E-01	-.166735E-01	.683262E-03	.224809E-04	-.960509E-03
85	.393162E-02	-.347136E-01	-.159828E-01	.760258E-03	.161785E-05	-.971390E-03
86	.505339E-02	-.345118E-01	-.151124E-01	.745852E-03	.242423E-04	-.699983E-03
87	.593734E-02	-.341112E-01	-.141263E-01	.746878E-03	.355931E-04	-.484217E-03
88	.654850E-02	-.335464E-01	-.130107E-01	.754644E-03	.361292E-04	-.264315E-03
89	.686636E-02	-.328509E-01	-.117545E-01	.764008E-03	.272798E-04	-.107024E-03
90	.689236E-02	-.320689E-01	-.103518E-01	.779315E-03	.704508E-05	.250198E-05
91	.665168E-02	-.312321E-01	-.880555E-02	.802907E-03	-.256412E-04	.630190E-04
92	.618490E-02	-.303733E-01	-.713192E-02	.839436E-03	-.689280E-04	.810788E-04
93	.552952E-02	-.295026E-01	-.536777E-02	.891347E-03	-.116473E-04	.692164E-04
94	.469943E-02	-.286259E-01	-.358047E-02	.956674E-03	-.156622E-03	.429458E-04



SWRI WJ DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2347 86/12/16 CP= 1712.221

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

95	.367851E-02	-.277582E-01	-.187936E-02	.102544E-02	-.175346E-03	.119833E-04
96	.243891E-02	-.269231E-01	-.424189E-03	.108036E-02	-.162735E-03	-.284743E-04
97	.959450E-03	-.261185E-01	.576177E-03	.110334E-02	-.120033E-03	-.954888E-04
98	-.808054E-03	-.253103E-01	.876830E-03	.108527E-02	-.610061E-04	-.188710E-03
99	-.296043E-02	-.246725E-01	.208383E-03	.103047E-02	-.678782E-05	-.219208E-03
100	-.515473E-02	-.252540E-01	-.170213E-02	.953662E-03	.229468E-04	.798177E-04
101	-.602202E-02	-.276130E-01	-.463400E-02	.879787E-03	.225105E-04	.423581E-03
102	-.552425E-02	-.302564E-01	-.785017E-02	.823539E-03	.870797E-05	.418670E-03
103	-.486308E-02	-.322987E-01	-.109627E-01	.785082E-03	-.284755E-05	.216726E-03
104	-.472334E-02	-.338638E-01	-.137925E-01	.760077E-03	-.601800E-05	-.629663E-04
105	-.519135E-02	-.353151E-01	-.162776E-01	.743798E-03	-.568662E-05	-.325584E-03
106	-.600939E-02	-.368783E-01	-.184056E-01	.735600E-03	-.109278E-04	-.517834E-03
107	-.685832E-02	-.385730E-01	-.201844E-01	.737683E-03	-.261613E-04	-.622236E-03
108	-.750780E-02	-.402877E-01	-.216319E-01	.750458E-03	-.480877E-04	-.640678E-03
109	-.784723E-02	-.418685E-01	-.227742E-01	.770101E-03	-.701385E-04	-.581832E-03
110	-.786163E-02	-.431756E-01	-.236439E-01	.790309E-03	-.866444E-04	-.455447E-03
111	-.759623E-02	-.441075E-01	-.242773E-01	.804798E-03	-.956184E-04	-.270942E-03
112	-.712558E-02	-.446081E-01	-.247124E-01	.810338E-03	-.966032E-04	-.375322E-04
113	-.653416E-02	-.446615E-01	-.249862E-01	.804941E-03	-.931413E-04	.235406E-03
114	-.589878E-02	-.442856E-01	-.251332E-01	.791255E-03	-.757843E-04	.539221E-03
121	-.531506E-02	-.437103E-01	-.251553E-01	.781379E-03	-.968297E-04	.873432E-03
122	-.475997E-02	-.429566E-01	-.252277E-01	.774182E-03	-.629989E-04	.919879E-03
123	-.432370E-02	-.421816E-01	-.251765E-01	.755962E-03	-.102484E-03	.731002E-03
124	-.394147E-02	-.415463E-01	-.250868E-01	.732879E-03	-.862202E-04	.581747E-03
125	-.358811E-02	-.410174E-01	-.249599E-01	.712868E-03	-.851173E-04	.466014E-03
126	-.325447E-02	-.405664E-01	-.247964E-01	.695623E-03	-.835591E-04	.377833E-03
127	-.293376E-02	-.401693E-01	-.245972E-01	.680937E-03	-.830332E-04	.313200E-03
128	-.262346E-02	-.398053E-01	-.243629E-01	.668761E-03	-.826100E-04	.268563E-03
129	-.232350E-02	-.394575E-01	-.240942E-01	.659157E-03	-.824250E-04	.239428E-03
130	-.203559E-02	-.391133E-01	-.237918E-01	.651975E-03	-.820969E-04	.222412E-03
131	-.176206E-02	-.387640E-01	-.234564E-01	.647074E-03	-.814939E-04	.213289E-03
132	-.150506E-02	-.384049E-01	-.230890E-01	.644273E-03	-.804235E-04	.208007E-03
133	-.126562E-02	-.380354E-01	-.226905E-01	.643415E-03	-.787262E-04	.202513E-03
134	-.104287E-02	-.376578E-01	-.222621E-01	.644361E-03	-.762253E-04	.192776E-03
135	-.833280E-03	-.372777E-01	-.218052E-01	.646999E-03	-.727369E-04	.174831E-03
136	-.630057E-03	-.369027E-01	-.213210E-01	.651246E-03	-.680762E-04	.144814E-03
137	-.422657E-03	-.365420E-01	-.208112E-01	.656988E-03	-.620176E-04	.989901E-04
138	-.196388E-03	-.362051E-01	-.202773E-01	.664166E-03	-.544252E-04	.337749E-04
139	-.677529E-04	-.359018E-01	-.197208E-01	.672545E-03	-.450947E-04	-.542515E-04
140	-.393264E-03	-.356400E-01	-.191432E-01	.682303E-03	-.342308E-04	-.168313E-03
141	-.807916E-03	-.354261E-01	-.185457E-01	.692079E-03	-.209476E-04	-.311506E-03
142	-.134440E-02	-.352624E-01	-.179291E-01	.703268E-03	-.577088E-05	-.487421E-03
143	-.204010E-02	-.351499E-01	-.172948E-01	.701288E-03	-.181639E-04	-.701991E-03
144	-.294348E-02	-.350755E-01	-.166431E-01	.750379E-03	.945921E-05	-.960968E-03

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2347 86/12/16 CP= 1712.285

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

145	.393607E-02	-.348957E-01	-.159577E-01	.723761E-03	-.248958E-04	-.972908E-03
146	-.5C 055E-02	-.346965E-01	-.150882E-01	.729543E-03	.343203E-04	-.703028E-03
147	.594678E-02	-.342981E-01	-.141017E-01	.749151E-03	.403409E-04	-.465246E-03
148	.655797E-02	-.337353E-01	-.129852E-01	.755570E-03	.402928E-04	-.263773E-03
149	.687347E-02	-.330425E-01	-.117282E-01	.766905E-03	.303221E-04	-.104879E-03
150	.689425E-02	-.322622E-01	-.103249E-01	.781727E-03	.895001E-05	.613655E-05
151	.664524E-02	-.314332E-01	-.877830E-02	.805896E-03	-.247033E-04	.684332E-04
152	.616746E-02	-.305834E-01	-.710467E-02	.842708E-03	-.687370E-04	.876631E-04
153	.550010E-02	-.297255E-01	-.534108E-02	.895095E-03	-.116343E-03	.761660E-04
154	.466000E-02	-.288651E-01	-.355506E-02	.960222E-03	-.156058E-03	.491252E-04
155	.363456E-02	-.280146E-01	-.185594E-02	.102788E-02	-.174392E-03	.162372E-04
156	.239831E-02	-.271932E-01	-.403211E-03	.108124E-02	-.162263E-03	-.268280E-04
157	.929650E-03	-.263944E-01	.594742E-03	.110365E-02	-.120780E-03	-.962852E-04
158	-.823129E-03	-.255818E-01	.893285E-03	.108662E-02	-.624479E-04	-.191066E-03
159	-.296200E-02	-.249305E-01	.223461E-03	.103323E-02	-.748422E-05	-.222165E-03
160	-.514870E-02	-.254928E-01	-.168537E-02	.956634E-03	.240082E-04	.768035E-04
161	-.601594E-02	-.278332E-01	-.461256E-02	.881958E-03	.243979E-04	.420798E-03
162	-.552177E-02	-.304624E-01	-.782572E-02	.824876E-03	.949233E-05	.416582E-03
163	-.486391E-02	-.324952E-01	-.109380E-01	.785599E-03	-.479863E-05	.215762E-03
164	-.472548E-02	-.340544E-01	-.137688E-01	.760885E-03	-.117131E-04	-.629569E-04
165	-.519379E-02	-.355019E-01	-.162543E-01	.746783E-03	-.144516E-04	-.325437E-03
166	-.601335E-02	-.370633E-01	-.183820E-01	.741776E-03	-.209009E-04	-.518526E-03
167	-.686614E-02	-.387586E-01	-.201594E-01	.746715E-03	-.355652E-04	-.624255E-03
168	-.752107E-02	-.404765E-01	-.216053E-01	.761187E-03	-.564040E-04	-.643797E-03
169	-.786594E-02	-.420623E-01	-.227462E-01	.781588E-03	-.775053E-04	-.585312E-03
170	-.788446E-02	-.433744E-01	-.236146E-01	.801621E-03	-.940798E-04	-.458393E-03
171	-.762128E-02	-.443100E-01	-.242473E-01	.816071E-03	-.103259E-03	-.272605E-03
172	-.715128E-02	-.448119E-01	-.248821E-01	.820610E-03	-.107234E-03	-.374600E-04
173	-.655934E-02	-.448639E-01	-.249563E-01	.815546E-03	-.104482E-03	.237457E-03
174	-.592248E-02	-.444841E-01	-.251038E-01	.797515E-03	-.110125E-03	.543574E-03
181	-.533416E-02	-.439084E-01	-.251260E-01	.801246E-03	-.633415E-04	.877716E-03
182	-.477650E-02	-.431518E-01	-.251989E-01	.785398E-03	-.684380E-04	.922398E-03
183	-.434542E-02	-.423729E-01	-.251480E-01	.770079E-03	-.952193E-04	.736969E-03
184	-.396081E-02	-.417319E-01	-.250589E-01	.748803E-03	-.826915E-04	.587478E-03
183	-.360769E-02	-.411978E-01	-.249328E-01	.728180E-03	-.796256E-04	.470920E-03
186	-.327361E-02	-.407424E-01	-.247701E-01	.710303E-03	-.783959E-04	.382036E-03
187	-.295297E-02	-.403415E-01	-.245718E-01	.695034E-03	-.776557E-04	.316707E-03
188	-.264272E-02	-.399743E-01	-.243379E-01	.682427E-03	-.774054E-04	.271168E-03
187	-.234292E-02	-.396241E-01	-.240698E-01	.672487E-03	-.773501E-04	.241540E-03
190	-.205510E-02	-.392781E-01	-.237679E-01	.665136E-03	-.772622E-04	.223863E-03
191	-.178159E-02	-.389276E-01	-.234330E-01	.660216E-03	-.768934E-04	.214115E-03
192	-.152447E-02	-.385679E-01	-.230660E-01	.657541E-03	-.760230E-04	.208244E-03
193	-.128473E-02	-.381982E-01	-.226678E-01	.656923E-03	-.744381E-04	.202185E-03
194	-.106144E-02	-.378210E-01	-.222397E-01	.658187E-03	-.719273E-04	.191898E-03

PARTIAL DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2367 86/12/16 CP= 1712.342

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

195	-.851037E-03	-.374417E-01	-.217829E-01	.661176E-03	-.682793E-04	.173406E-03
196	-.546672E-03	-.370679E-01	-.212988E-01	.665747E-03	-.632823E-04	.142838E-03
197	-.437736E-03	-.367087E-01	-.207889E-01	.671756E-03	-.567386E-04	.964563E-04
198	-.209524E-03	-.363739E-01	-.202549E-01	.679029E-03	-.484738E-04	.506855E-04
199	.570611E-04	-.360727E-01	-.196981E-01	.687423E-03	-.384344E-04	-.578722E-04
200	.385414E-03	-.358135E-01	-.191200E-01	.696657E-03	-.265339E-04	-.172436E-03
201	.803603E-03	-.356019E-01	-.185219E-01	.706651E-03	-.127722E-04	-.318138E-03
202	.134873E-02	-.354416E-01	-.179048E-01	.716117E-03	.352711E-05	-.492634E-03
203	.204439E-02	-.353301E-01	-.172702E-01	.718286E-03	.227954E-04	-.706944E-03
204	.294713E-02	-.352634E-01	-.166186E-01	.753158E-03	.175340E-04	-.961814E-03
205	.394149E-02	-.350836E-01	-.159333E-01	.765643E-03	.220893E-04	-.975379E-03
206	.506952E-02	-.348812E-01	-.150640E-01	.739132E-03	.398211E-04	-.705404E-03
207	.595735E-02	-.344863E-01	-.140770E-01	.753000E-03	.452660E-04	-.466140E-03
208	.656853E-02	-.339247E-01	-.129596E-01	.759483E-03	.448830E-04	-.263031E-03
209	.688145E-02	-.332346E-01	-.117018E-01	.769038E-03	.343284E-04	-.102530E-03
210	.689674E-02	-.324577E-01	-.102979E-01	.783129E-03	.120837E-04	.101461E-04
211	.663914E-02	-.316345E-01	-.875086E-02	.806272E-03	-.225801E-04	.739793E-04
212	.615014E-02	-.307937E-01	-.707726E-02	.842328E-03	-.675606E-04	.943192E-04
213	.549067E-02	-.299487E-01	-.531423E-02	.893909E-03	-.115979E-03	.831184E-04
214	.462054E-02	-.291045E-01	-.352949E-02	.958432E-03	-.156120E-03	.552503E-04
215	.359065E-02	-.282710E-01	-.183236E-02	.102567E-02	-.174407E-03	.204179E-04
216	.235779E-02	-.274831E-01	-.382038E-03	.107882E-02	-.161892E-03	-.252175E-04
217	.899830E-03	-.266700E-01	-.613544E-03	.110124E-02	-.120193E-03	-.970439E-04
218	-.838353E-03	-.258532E-01	.910024E-03	.108465E-02	-.622993E-04	-.193339E-03
219	-.296369E-02	-.251887E-01	.238878E-03	.103230E-02	-.784931E-05	-.225049E-03
220	-.514253E-02	-.257320E-01	-.166829E-02	.956521E-03	.241012E-04	.738263E-04
221	-.600959E-02	-.280537E-01	-.459095E-02	.881756E-03	.246611E-04	.417992E-03
222	-.551935E-02	-.306686E-01	-.780118E-02	.824864E-03	.820059E-05	.414377E-03
223	-.486546E-02	-.326919E-01	-.109133E-01	.786516E-03	-.870969E-05	.214590E-03
224	-.617293E-02	-.342454E-01	-.137450E-01	.763742E-03	-.182284E-04	-.631958E-04
225	-.519838E-02	-.358895E-01	-.162310E-01	.750712E-03	-.229283E-04	-.325504E-03
226	-.601963E-02	-.372495E-01	-.183582E-01	.746933E-03	-.305823E-04	-.519361E-03
227	-.687647E-02	-.389460E-01	-.201365E-01	.753062E-03	-.456643E-04	-.626351E-03
228	-.753670E-02	-.406675E-01	-.215788E-01	.768313E-03	-.680595E-04	-.848956E-03
229	-.788672E-02	-.422586E-01	-.227181E-01	.790507E-03	-.859819E-04	-.588820E-03
230	-.790907E-02	-.435759E-01	-.235853E-01	.811860E-03	-.100601E-03	-.461377E-03
231	-.764769E-02	-.445154E-01	-.242173E-01	.827289E-03	-.107627E-03	-.274325E-03
232	-.717821E-02	-.450186E-01	-.246520E-01	.832787E-03	-.108606E-03	-.374589E-04
233	-.658470E-02	-.450696E-01	-.249265E-01	.828112E-03	-.103359E-03	.239447E-03
234	-.594780E-02	-.448857E-01	-.250744E-01	.812050E-03	-.104752E-03	.547440E-03
241	-.535362E-02	-.441094E-01	-.250981E-01	.808985E-03	-.825808E-04	.882086E-03
242	-.479478E-02	-.433489E-01	-.251752E-01	.791034E-03	-.728054E-04	.925729E-03
243	-.436537E-02	-.425861E-01	-.251256E-01	.775449E-03	-.819863E-04	.741790E-03
244	-.398055E-02	-.419201E-01	-.250373E-01	.756333E-03	-.851176E-04	.592954E-03



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2350 86/12/16 CP= 1712.398

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER. = 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

245	-.362661E-02	-.413809E-01	-.249119E-01	.736410E-03	-.794522E-04	.475816E-03
246	-.329246E-02	-.409210E-01	-.247499E-01	.718889E-03	-.780037E-04	.386225E-03
247	-.297162E-02	-.405162E-01	-.245520E-01	.703839E-03	-.766622E-04	.320205E-03
248	-.266143E-02	-.401459E-01	-.243189E-01	.691393E-03	-.759562E-04	.273962E-03
249	-.236167E-02	-.397932E-01	-.240513E-01	.681499E-03	-.753188E-04	.243641E-03
250	-.207390E-02	-.394454E-01	-.237489E-01	.674137E-03	-.747066E-04	.225297E-03
251	-.180034E-02	-.390937E-01	-.234154E-01	.669129E-03	-.738013E-04	.214918E-03
252	-.154305E-02	-.387334E-01	-.230487E-01	.666307E-03	-.724270E-04	.208449E-03
253	-.130295E-02	-.383636E-01	-.226508E-01	.665476E-03	-.703597E-04	.201819E-03
254	-.107907E-02	-.379867E-01	-.222229E-01	.666464E-03	-.674030E-04	.190976E-03
255	-.867777E-03	-.376082E-01	-.217663E-01	.669118E-03	-.633595E-04	.171934E-03
256	-.662186E-03	-.372356E-01	-.212822E-01	.673283E-03	-.580138E-04	.140813E-03
257	-.451648E-03	-.368780E-01	-.207724E-01	.678842E-03	-.512121E-04	.938779E-04
258	-.271386E-03	-.365450E-01	-.202381E-01	.685574E-03	-.427497E-04	.275622E-04
259	-.76543E-04	-.362460E-01	-.196810E-01	.693438E-03	-.326903E-04	-.615177E-04
260	.379019E-03	-.359890E-01	-.191026E-01	.701968E-03	-.207642E-04	-.176569E-03
261	.800520E-03	-.357801E-01	-.185040E-01	.711500E-03	-.734892E-05	-.320755E-03
262	.134468E-02	-.356220E-01	-.178864E-01	.718196E-03	.921014E-05	-.497538E-03
263	.204868E-02	-.355135E-01	-.172513E-01	.733002E-03	.195080E-04	-.710715E-03
264	.295230E-02	-.354508E-01	-.165986E-01	.751591E-03	.218620E-04	-.963379E-03
265	.394869E-02	-.352725E-01	-.159101E-01	.751350E-03	.346268E-04	-.977838E-03
266	.508004E-02	-.350879E-01	-.150396E-01	.749757E-03	.456894E-04	-.707218E-03
267	.596935E-02	-.346747E-01	-.140520E-01	.752501E-03	.516644E-04	-.466930E-03
268	.658034E-02	-.341150E-01	-.129338E-01	.761585E-03	.503458E-04	-.262240E-03
269	.689055E-02	-.334270E-01	-.116752E-01	.769911E-03	.393458E-04	-.100096E-03
270	.690019E-02	-.326535E-01	-.102706E-01	.783945E-03	.165529E-04	.142281E-04
271	.663380E-02	-.318359E-01	-.872325E-02	.806488E-03	-.186260E-04	.795693E-04
272	.613345E-02	-.310039E-01	-.704967E-02	.842107E-03	-.638751E-04	.105968E-03
273	.544178E-02	-.301716E-01	-.528723E-02	.892862E-03	-.112425E-03	.900091E-04
274	.458159E-02	-.293434E-01	-.350377E-02	.956262E-03	-.152659E-03	.612761E-04
275	.354720E-02	-.285267E-01	-.180861E-02	.102213E-02	-.171338E-03	.245019E-04
276	.231763E-02	-.277321E-01	-.360675E-03	.107406E-02	-.159670E-03	-.236566E-04
277	.870187E-03	-.269447E-01	.632579E-03	.109583E-02	-.119269E-03	-.977855E-04
278	-.853640E-03	-.261238E-01	.927044E-03	.107947E-02	-.629353E-04	-.195544E-03
279	-.296568E-02	-.254463E-01	.254632E-03	.102836E-02	-.962183E-05	-.227852E-03
280	-.513662E-02	-.259709E-01	-.165091E-02	.954095E-03	.221943E-04	.709024E-04
281	-.600348E-02	-.282739E-01	-.456918E-02	.880085E-03	.226723E-04	.415179E-03
282	-.551752E-02	-.308746E-01	-.777655E-02	.823749E-03	.484742E-05	.412082E-03
283	-.486821E-02	-.328886E-01	-.108885E-01	.786239E-03	-.141915E-04	.213259E-03
284	-.473453E-02	-.344367E-01	-.137211E-01	.764359E-03	-.257605E-04	-.636180E-04
285	-.520516E-02	-.358779E-01	-.162077E-01	.753422E-03	-.319405E-04	-.325728E-03
286	-.602864E-02	-.374370E-01	-.183344E-01	.751586E-03	-.402449E-04	-.520286E-03
287	-.688919E-02	-.391350E-01	-.201095E-01	.759504E-03	-.551074E-04	-.628461E-03
288	-.755453E-02	-.408605E-01	-.215522E-01	.776697E-03	-.745843E-04	-.650071E-03

SWRI W3 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2350 86/12/16 CP= 1712.463

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. % R. = 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

289	-.790945E-02	-.424571E-01	-.226900E-01	.799172E-03	-.933941E-04	-.592253E-03
290	-.793522E-02	-.437799E-01	-.235560E-01	.821063E-03	-.106682E-03	-.464277E-03
291	-.767544E-02	-.447233E-01	-.241873E-01	.836477E-03	-.113065E-03	-.275976E-03
292	-.720578E-02	-.452280E-01	-.246219E-01	.842457E-03	-.112363E-03	-.373876E-04
293	-.661104E-02	-.452778E-01	-.248968E-01	.836980E-03	-.109661E-03	-.241418E-03
294	-.567248E-02	-.448905E-01	-.250453E-01	.825264E-03	-.991601E-04	-.550776E-03
301	-.538338E-02	-.444000E-01	-.250592E-01	.821910E-03	-.972219E-04	-.888122E-03
302	-.482154E-02	-.436315E-01	-.251408E-01	.798019E-03	-.712496E-04	-.930255E-03
303	-.439257E-02	-.428434E-01	-.250934E-01	.783233E-03	-.872455E-04	-.748560E-03
304	-.400763E-02	-.421907E-01	-.250065E-01	.765744E-03	-.871942E-04	-.600514E-03
305	-.365294E-02	-.416446E-01	-.248821E-01	.747496E-03	-.835483E-04	-.482777E-03
306	-.331830E-02	-.411785E-01	-.247211E-01	.730701E-03	-.801496E-04	-.392241E-03
307	-.299722E-02	-.407684E-01	-.245242E-01	.716164E-03	-.777540E-04	-.325229E-03
308	-.268688E-02	-.403937E-01	-.242920E-01	.703934E-03	-.755034E-04	-.277976E-03
309	-.238706E-02	-.400376E-01	-.240252E-01	.694096E-03	-.734681E-04	-.246651E-03
310	-.209918E-02	-.396872E-01	-.237244E-01	.686570E-03	-.713672E-04	-.227338E-03
311	-.182541E-02	-.393337E-01	-.233905E-01	.681248E-03	-.690699E-04	-.216041E-03
312	-.156770E-02	-.389725E-01	-.230243E-01	.677950E-03	-.663625E-04	-.208703E-03
313	-.132694E-02	-.386024E-01	-.226268E-01	.676505E-03	-.635711E-04	-.201242E-03
314	-.110207E-02	-.382260E-01	-.221992E-01	.676748E-03	-.590079E-04	-.189594E-03
315	-.889396E-03	-.378485E-01	-.217427E-01	.678529E-03	-.532843E-04	-.169757E-03
316	-.681971E-03	-.374775E-01	-.212587E-01	.681726E-03	-.478292E-04	-.137845E-03
317	-.469070E-03	-.371219E-01	-.207488E-01	.686192E-03	-.403609E-04	-.901213E-04
318	-.235888E-03	-.367914E-01	-.202142E-01	.691843E-03	-.315130E-04	-.230359E-04
319	-.367015E-04	-.364952E-01	-.192567E-01	.698440E-03	-.211658E-04	-.667690E-04
320	.372178E-03	-.362414E-01	-.190776E-01	.705997E-03	-.948000E-05	-.182490E-03
321	.798421E-03	-.360359E-01	-.184783E-01	.713674E-03	.382464E-05	-.327253E-03
322	.134768E-02	-.358813E-01	-.178600E-01	.721988E-03	.174056E-04	-.504165E-03
323	.205575E-02	-.357767E-01	-.172238E-01	.733315E-03	.272711E-04	-.711862E-03
324	.296121E-02	-.357177E-01	-.165695E-01	.756837E-03	.256975E-04	-.965070E-03
325	.396299E-02	-.355414E-01	-.158774E-01	.741765E-03	.516147E-04	-.980833E-03
326	.509777E-02	-.353366E-01	-.150053E-01	.752730E-03	.563586E-04	-.709732E-03
327	.598914E-02	-.349441E-01	-.140163E-01	.756924E-03	.612168E-04	-.467983E-03
328	.659984E-02	-.343868E-01	-.128970E-01	.764185E-03	.593757E-04	-.261115E-03
329	.690588E-02	-.337014E-01	-.116371E-01	.772395E-03	.480759E-04	-.966212E-04
330	.690730E-02	-.329325E-01	-.102316E-01	.785291E-03	.250444E-04	-.200512E-04
331	.662825E-02	-.321225E-01	-.888368E-02	.806627E-03	-.102928E-04	-.875129E-04
332	.611162E-02	-.313026E-01	-.701014E-02	.840477E-03	-.556319E-04	-.110391E-03
333	.540252E-02	-.304879E-01	-.524855E-02	.889095E-03	-.104272E-03	-.997561E-04
334	.452790E-02	-.296819E-01	-.346692E-02	.950028E-03	-.144900E-03	-.697944E-04
335	.348690E-02	-.288885E-01	-.177456E-02	.101350E-02	-.164513E-03	-.302706E-04
336	.226166E-02	-.281124E-01	-.329956E-03	.106347E-02	-.154460E-03	-.214707E-04
337	.828648E-03	-.271126E-01	.660054E-03	.108391E-02	-.110440E-03	-.988663E-04
338	-.875593E-03	-.265059E-01	.951732E-03	.106738E-02	-.632043E-04	-.198650E-03

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2350 86/12/16 CP= 17:2.519

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

339	-.296933E-02	-.258105E-01	.277616E-03	.101794E-02	-.127891E-04	-.231723E-03
340	-.512933E-02	-.263092E-01	-.162567E-02	.946622E-03	.74283E-04	.668588E-04
341	-.599607E-02	-.285862E-01	-.453790E-02	.875077E-03	.138389E-04	.411170E-03
342	-.551682E-02	-.311672E-01	-.774134E-02	.820913E-03	-.316158E-05	.408673E-03
343	-.487485E-02	-.331685E-01	-.108531E-01	.785859E-03	-.246768E-04	.211200E-03
344	-.474565E-02	-.347096E-01	-.136869E-01	.766620E-03	-.379696E-04	-.643444E-04
345	-.521865E-02	-.361474E-01	-.161743E-01	.755175E-03	-.450351E-04	-.326152E-03
346	-.604525E-02	-.377060E-01	-.183005E-01	.758576E-03	-.535496E-04	-.521694E-03
347	-.691123E-02	-.394067E-01	-.200739E-01	.768458E-03	-.628449E-04	-.631513E-03
348	-.758348E-02	-.411384E-01	-.215145E-01	.787134E-03	-.859927E-04	-.654479E-03
349	-.794484E-02	-.427430E-01	-.226501E-01	.810585E-03	-.102902E-03	-.597040E-03
350	-.792490E-02	-.440739E-01	-.235145E-01	.832845E-03	-.114308E-03	-.468250E-03
351	-.771680E-02	-.450230E-01	-.241449E-01	.848419E-03	-.118814E-03	-.278136E-03
352	-.724629E-02	-.455299E-01	-.245794E-01	.854220E-03	-.117233E-03	-.371060E-04
353	-.664951E-02	-.455782E-01	-.248544E-01	.849524E-03	-.112698E-03	.244288E-03
354	-.600700E-02	-.451868E-01	-.250043E-01	.837877E-03	-.104003E-03	.555588E-03
361	-.542723E-02	-.448189E-01	-.250052E-01	.840351E-03	-.948539E-04	.895603E-03
362	-.485997E-02	-.440354E-01	-.250920E-01	.808505E-03	-.756063E-04	.936194E-03
363	-.442994E-02	-.432405E-01	-.253474E-01	.796904E-03	-.879373E-04	.758152E-03
364	-.404423E-02	-.425788E-01	-.249628E-01	.778643E-03	-.885657E-04	.610639E-03
365	-.368864E-02	-.420236E-01	-.248401E-01	.762333E-03	-.865473E-04	.492320E-03
366	-.335313E-02	-.415492E-01	-.246807E-01	.746941E-03	-.823553E-04	.400617E-03
367	-.303143E-02	-.411318E-01	-.244852E-01	.733197E-03	-.781397E-04	.332246E-03
368	-.272062E-02	-.407511E-01	-.242543E-01	.721466E-03	-.741321E-04	.283569E-03
369	-.242037E-02	-.403501E-01	-.239885E-01	.711848E-03	-.702172E-04	.250817E-03
370	-.213200E-02	-.400361E-01	-.236887E-01	.704331E-03	-.663013E-04	.230120E-03
371	-.185757E-02	-.395803E-01	-.233556E-01	.698798E-03	-.622095E-04	.217507E-03
372	-.159895E-02	-.393176E-01	-.229901E-01	.695099E-03	-.577978E-04	.208923E-03
373	-.135691E-02	-.389472E-01	-.225931E-01	.693066E-03	-.529007E-04	.200275E-03
374	-.113034E-02	-.385712E-01	-.221659E-01	.692543E-03	-.473540E-04	.187479E-03
375	-.915438E-03	-.381950E-01	-.217096E-01	.693392E-03	-.409935E-04	.166516E-03
376	-.705173E-03	-.378260E-01	-.212256E-01	.695489E-03	-.336586E-04	.133486E-03
377	-.488748E-03	-.374731E-01	-.207154E-01	.698733E-03	-.252289E-04	.846608E-04
378	-.251284E-03	-.371459E-01	-.201805E-01	.702990E-03	-.156037E-04	.165111E-04
379	.263549E-04	-.368535E-01	-.196222E-01	.708164E-03	-.481506E-05	-.742802E-04
380	.367631E-03	-.366038E-01	-.190422E-01	.714093E-03	.702040E-05	-.190853E-03
381	.800294E-03	-.364027E-01	-.184417E-01	.721053E-03	.192521E-04	-.336190E-03
382	.135604E-02	-.362527E-01	-.178222E-01	.730216E-03	.303016E-04	-.512940E-03
383	.204963E-02	-.361528E-01	-.171842E-01	.742412E-03	.383171E-04	-.723043E-03
384	.277778E-02	-.360970E-01	-.165277E-01	.760018E-03	.381923E-04	-.966853E-03
385	.399106E-02	-.359242E-01	-.153313E-01	.752818E-03	.687062E-04	-.983825E-03
386	.512917E-02	-.357200E-01	-.149538E-01	.758872E-03	.729091E-04	-.713435E-03
387	.602328E-02	-.355284E-01	-.139657E-01	.762154E-03	.773343E-04	-.469413E-03
388	.663295E-02	-.347729E-01	-.128445E-01	.766906E-03	.751937E-04	-.259643E-03



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2353 86/12/16 CP= 1712.576

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

389	.693350E-02	-.340907E-01	-.115828E-01	.774337E-03	.638531E-04	-.918799E-04
390	.692325E-02	-.333273E-01	-.101759E-01	.785586E-03	.410900E-04	.280905E-04
391	.662628E-02	-.325270E-01	-.862721E-02	.804509E-03	.614880E-05	.963602E-04
392	.608666E-02	-.317231E-01	-.695376E-02	.834887E-03	-.388387E-04	.123365E-03
393	.535287E-02	-.309318E-01	-.519340E-02	.879148E-03	-.874965E-04	.113145E-03
394	.445760E-02	-.301556E-01	-.341638E-02	.935188E-03	-.129080E-03	.814796E-04
395	.340658E-02	-.293935E-01	-.172595E-02	.994012E-03	-.151017E-03	.381711E-04
396	.218626E-02	-.286421E-01	-.285932E-03	.104028E-02	-.144750E-03	-.185217E-04
397	.771916E-03	-.278723E-01	.699626E-03	.105840E-02	-.111847E-03	-.100442E-03
398	-.906818E-03	-.270372E-01	.987518E-03	.104158E-02	-.647460E-04	-.202948E-03
399	-.297698E-02	-.263176E-01	.311193E-03	.994970E-03	-.202050E-04	-.236915E-03
400	-.512288E-02	-.267818E-01	-.158897E-02	.929086E-03	.617120E-05	.614542E-04
401	-.599027E-02	-.290237E-01	-.449315E-02	.862787E-03	.319348E-05	.405606E-03
402	-.552175E-02	-.315784E-01	-.769132E-02	.813156E-03	-.197977E-04	.403724E-03
403	-.489148E-02	-.355637E-01	-.108027E-01	.782736E-03	-.440500E-04	.208128E-03
404	-.476938E-02	-.350968E-01	-.136384E-01	.768006E-03	-.586757E-04	-.654874E-04
405	-.524597E-02	-.365314E-01	-.161268E-01	.763401E-03	-.659381E-04	-.326834E-03
406	-.607687E-02	-.380904E-01	-.182523E-01	.766988E-03	-.739190E-04	-.523696E-03
407	-.695003E-02	-.397961E-01	-.200235E-01	.779535E-03	-.867763E-04	-.635692E-03
408	-.763117E-02	-.415373E-01	-.214611E-01	.800154E-03	-.102515E-03	-.660404E-03
409	-.800044E-02	-.431539E-01	-.225938E-01	.824685E-03	-.116421E-03	-.603365E-03
410	-.803539E-02	-.444962E-01	-.234560E-01	.847159E-03	-.124992E-03	-.473368E-03
411	-.777839E-02	-.454535E-01	-.240852E-01	.862533E-03	-.127191E-03	-.280699E-03
412	-.730586E-02	-.459637E-01	-.245196E-01	.868074E-03	-.124428E-03	-.363448E-04
413	-.670477E-02	-.460701E-01	-.247958E-01	.864372E-03	-.117605E-03	.248459E-03
414	-.605639E-02	-.456132E-01	-.249475E-01	.853247E-03	-.108617E-03	.562615E-03
421	-.549087E-02	-.454247E-01	-.249302E-01	.871257E-03	-.477212E-04	.905629E-03
422	-.491453E-02	-.446174E-01	-.250233E-01	.828547E-03	-.852771E-04	.945425E-03
423	-.448138E-02	-.438125E-01	-.249824E-01	.814400E-03	-.956842E-04	.771106E-03
424	-.402340E-02	-.431391E-01	-.249009E-01	.800186E-03	-.941684E-04	.623984E-03
425	-.375995E-02	-.425722E-01	-.247777E-01	.785961E-03	-.877958E-04	.504915E-03
426	-.339874E-02	-.420868E-01	-.247111E-01	.772298E-03	-.814130E-04	.411819E-03
427	-.302553E-02	-.416598E-01	-.244555E-01	.759115E-03	-.753796E-04	.341669E-03
428	-.276335E-02	-.412709E-01	-.242015E-01	.749114E-03	-.692205E-04	.291037E-03
429	-.246176E-02	-.409035E-01	-.239374E-01	.74112E-03	-.629081E-04	.256295E-03
430	-.217193E-02	-.405447E-01	-.236390E-01	.73589E-03	-.564972E-04	.233660E-03
431	-.189579E-02	-.401856E-01	-.233070E-01	.728979E-03	-.499675E-04	.219200E-03
432	-.163509E-02	-.398211E-01	-.229424E-01	.722948E-03	-.432126E-04	.208872E-03
433	-.139048E-02	-.394500E-01	-.225461E-01	.720342E-03	-.360986E-04	.198566E-03
434	-.116075E-02	-.390745E-01	-.221194E-01	.719009E-03	-.284765E-04	.184175E-03
435	-.942001E-03	-.386999E-01	-.216633E-01	.718813E-03	-.201985E-04	.161656E-03
436	-.727086E-03	-.383334E-01	-.211792E-01	.719642E-03	-.111369E-04	.127096E-03
437	-.505112E-03	-.379838E-01	-.206685E-01	.721413E-03	-.120580E-05	.767724E-04
438	-.261136E-03	-.376606E-01	-.201327E-01	.724104E-03	.957598E-05	.719950E-05

SWRI W) DEGREE FLOW WITH GROOVE PLATE MODEL

12.2353 86/12/16 CP= 1712.634

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

439	.239784E-04	-.373729E-01	-.195733E-01	.727733E-03	-.210623E-04	-.848624E-04
440	.373573E-03	-.371284E-01	-.189917E-01	.732227E-03	-.329948E-04	-.202413E-03
441	.815049E-03	-.369326E-01	-.183894E-01	.737133E-03	-.450676E-04	-.348197E-03
442	.137949E-02	-.367881E-01	-.177677E-01	.742766E-03	-.562002E-04	-.524518E-03
443	.210090E-02	-.366930E-01	-.171272E-01	.753127E-03	-.635067E-04	-.732623E-03
444	.301379E-02	-.366403E-01	-.164681E-01	.765558E-03	-.671661E-04	-.920409E-03
445	.404639E-02	-.364722E-01	-.157659E-01	.810417E-03	-.839177E-04	-.987667E-03
446	.518887E-02	-.362689E-01	-.148883E-01	.768043E-03	-.102437E-03	-.718974E-03
447	.608665E-02	-.358776E-01	-.138941E-01	.769093E-03	-.106608E-03	-.472052E-03
448	.669533E-02	-.353229E-01	-.127697E-01	.773020E-03	-.104659E-03	-.258330E-03
449	.698815E-02	-.346432E-01	-.115053E-01	.778743E-03	-.943138E-04	-.860374E-04
450	.696187E-02	-.338854E-01	-.100964E-01	.787503E-03	-.731763E-04	-.385657E-04
451	.664308E-02	-.330961E-01	-.854658E-02	.802309E-03	-.402360E-04	-.113027E-03
452	.606844E-02	-.323115E-01	-.687330E-02	.826749E-03	-.271989E-05	-.140658E-03
453	.529998E-02	-.315493E-01	-.511475E-02	.863034E-03	-.501162E-04	-.131005E-03
454	.437493E-02	-.308106E-01	-.333945E-02	.909635E-03	-.923136E-04	-.970484E-04
455	.330782E-02	-.300883E-01	-.165643E-02	.958736E-03	-.117793E-03	-.486181E-04
456	.209091E-02	-.293682E-01	-.222745E-03	.996430E-03	-.118542E-03	-.148325E-04
457	.697828E-03	-.286098E-01	-.756780E-03	.100834E-02	-.963030E-04	-.102934E-03
458	-.951272E-03	-.277620E-01	-.103963E-02	.989341E-03	-.631641E-04	-.208995E-03
459	-.299474E-02	-.270106E-01	-.360575E-03	.946857E-03	-.332981E-04	-.243798E-03
460	-.512577E-02	-.274314E-01	-.153531E-02	.891404E-03	-.185467E-04	-.544984E-04
461	-.599706E-02	-.296298E-01	-.442895E-02	.837702E-03	-.285630E-04	-.398191E-03
462	-.554424E-02	-.321524E-01	-.762028E-02	.799555E-03	-.559649E-04	-.396848E-03
463	-.493431E-02	-.341201E-01	-.107314E-01	.779817E-03	-.822428E-04	-.203920E-03
464	-.482259E-02	-.356465E-01	-.135696E-01	.774437E-03	-.960948E-04	-.668455E-04
465	-.530358E-02	-.370800E-01	-.160595E-01	.777304E-03	-.100643E-03	-.327475E-03
466	-.613927E-02	-.386426E-01	-.181842E-01	.786296E-03	-.104735E-03	-.526079E-03
467	-.702067E-02	-.403575E-01	-.199523E-01	.802120E-03	-.112881E-03	-.640900E-03
468	-.771192E-02	-.421132E-01	-.213858E-01	.824000E-03	-.123507E-03	-.667773E-03
469	-.808970E-02	-.437473E-01	-.225146E-01	.848135E-03	-.132619E-03	-.611060E-03
470	-.812889E-02	-.451057E-01	-.233738E-01	.869307E-03	-.17249E-03	-.479234E-03
471	-.787118E-02	-.460743E-01	-.240017E-01	.883106E-03	-.136880E-03	-.282995E-03
472	-.739376E-02	-.465890E-01	-.244363E-01	.887681E-03	-.132665E-03	-.341982E-04
473	-.678491E-02	-.466334E-01	-.247141E-01	.883840E-03	-.125945E-03	-.255018E-03
474	-.612764E-02	-.462289E-01	-.248687E-01	.873817E-03	-.117175E-03	-.572816E-03
481	-.558262E-02	-.463100E-01	-.248263E-01	.924974E-03	-.236375E-04	-.923272E-03
482	-.499205E-02	-.454709E-01	-.249282E-01	.868528E-03	-.115467E-03	-.963046E-03
483	-.455182E-02	-.446511E-01	-.248912E-01	.857153E-03	-.976316E-04	-.787637E-03
484	-.415840E-02	-.439630E-01	-.248138E-01	.845205E-03	-.778586E-04	-.639982E-03
485	-.379616E-02	-.433817E-01	-.246981E-01	.833299E-03	-.741811E-04	-.520055E-03
486	-.345452E-02	-.428826E-01	-.245448E-01	.821903E-03	-.696709E-04	-.425430E-03
487	-.312717E-02	-.424432E-01	-.243548E-01	.811122E-03	-.617936E-04	-.353094E-03
488	-.281101E-02	-.420439E-01	-.241286E-01	.801362E-03	-.523376E-04	-.299915E-03

SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2353 86/12/16 CP= 1712.692

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

489	-.250542E-02	-.416681E-01	-.238669E-01	.792908E-03	-.423962E-04	.262538E-03
490	-.221140E-02	-.413030E-01	-.235705E-01	.785835E-03	-.323243E-04	.237336E-03
491	-.193068E-02	-.409395E-01	-.232401E-01	.780095E-03	-.221933E-04	.220447E-03
492	-.166486E-02	-.405723E-01	-.228768E-01	.775578E-03	-.119666E-04	.207838E-03
493	-.141450E-02	-.402001E-01	-.224814E-01	.772144E-03	-.154346E-05	.195385E-03
494	-.117823E-02	-.398250E-01	-.220550E-01	.769647E-03	.920524E-05	.178945E-03
495	-.952058E-03	-.394518E-01	-.215990E-01	.767952E-03	.204061E-04	.154443E-03
496	-.728708E-03	-.390878E-01	-.211145E-01	.766959E-03	.321533E-04	.117948E-03
497	-.497180E-03	-.387418E-01	-.206030E-01	.766628E-03	.444737E-04	.657494E-04
498	-.242466E-03	-.384229E-01	-.200657E-01	.767005E-03	.572816E-04	-.557875E-05
499	-.545333E-04	-.381400E-01	-.195043E-01	.768373E-03	.702382E-04	-.991234E-04
500	-.416899E-03	-.379006E-01	-.189201E-01	.771620E-03	.824718E-04	-.217608E-03
501	-.871439E-03	-.377100E-01	-.183146E-01	.778232E-03	.926837E-04	-.363452E-03
502	-.144839E-02	-.375701E-01	-.176894E-01	.786137E-03	.101623E-03	-.538837E-03
503	-.218101E-02	-.374788E-01	-.170459E-01	.779926E-03	.116085E-03	-.745180E-03
504	-.310400E-02	-.374281E-01	-.163841E-01	.765892E-03	.131497E-03	-.981305E-03
505	-.416363E-02	-.372643E-01	-.156727E-01	.904322E-03	.118485E-03	-.997782E-03
506	-.531444E-02	-.370600E-01	-.147918E-01	.776777E-03	.161831E-03	-.726444E-03
507	-.621764E-02	-.366660E-01	-.137931E-01	.779532E-03	.165443E-03	-.476498E-03
508	-.682589E-02	-.361086E-01	-.126638E-01	.774074E-03	.165285E-03	-.258016E-03
509	-.710931E-02	-.354274E-01	-.113951E-01	.769464E-03	.156407E-03	-.798719E-04
510	-.706211E-02	-.346713E-01	-.998311E-02	.788074E-03	.136221E-03	-.509248E-04
511	-.670697E-02	-.338902E-01	-.843177E-02	.772016E-03	.103801E-03	.130928E-03
512	-.609153E-02	-.331237E-01	-.675886E-02	.784324E-03	.606584E-04	.162391E-03
513	-.527444E-02	-.323919E-01	-.500304E-02	.807078E-03	.115652E-04	.153743E-03
514	-.430540E-02	-.316944E-01	-.323305E-02	.839070E-03	-.353255E-04	.117068E-03
515	-.321001E-02	-.310164E-01	-.155756E-02	.873858E-03	-.701574E-04	.621779E-04
516	-.198799E-02	-.303298E-01	-.132438E-03	.899845E-03	-.858657E-04	-.998983E-05
517	-.610402E-03	-.295805E-01	.839053E-03	.905351E-03	-.831331E-04	-.106168E-03
518	-.101457E-02	-.287132E-01	.111543E-02	.886863E-03	-.705310E-04	-.216770E-03
519	-.303875E-02	-.279223E-01	.433286E-03	.851575E-03	-.604803E-04	-.252261E-03
520	-.516461E-02	-.282948E-01	-.145677E-02	.811796E-03	-.660411E-04	.460761E-04
521	-.605167E-02	-.304482E-01	-.433709E-02	.779636E-03	-.913527E-04	.388613E-03
522	-.583167E-02	-.329410E-01	-.751991E-02	.761526E-03	-.126692E-03	.387523E-03
523	-.504802E-02	-.348981E-01	-.106308E-01	.759545E-03	-.156291E-03	.198259E-03
524	-.494990E-02	-.364271E-01	-.134724E-01	.768391E-03	-.169855E-03	-.684154E-04
525	-.543378E-02	-.378889E-01	-.159646E-01	.780958E-03	-.172344E-03	-.527838E-03
526	-.627136E-02	-.394435E-01	-.180881E-01	.796636E-03	-.173491E-03	-.528394E-03
527	-.715834E-02	-.411758E-01	-.198522E-01	.817718E-03	-.177283E-03	-.646404E-03
528	-.785709E-02	-.429546E-01	-.212804E-01	.843988E-03	-.181735E-03	-.875511E-03
529	-.824004E-02	-.446140E-01	-.224040E-01	.871799E-03	-.183132E-03	-.618737E-03
530	-.827903E-02	-.459949E-01	-.232595E-01	.896024E-03	-.179303E-03	-.484296E-03
531	-.801505E-02	-.469788E-01	-.238857E-01	.912597E-03	-.170278E-03	-.283508E-03
532	-.752662E-02	-.474998E-01	-.243212E-01	.920033E-03	-.157253E-03	-.293988E-04



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2356 86/12/16 CP= 1712.750

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

533	-.590384E-02	-.475418E-01	-.246020E-01	.919011E-03	-.142711E-03	.264754E-03
534	-.625208E-02	-.471283E-01	-.247605E-01	.910186E-03	-.135236E-03	.586306E-03
541	-.571965E-02	-.476537E-01	-.246861E-01	.105768E-02	.236624E-03	.944757E-03
542	-.510511E-02	-.467833E-01	-.247994E-01	.980952E-03	-.130724E-03	.985085E-03
543	-.464931E-02	-.459463E-01	-.247656E-01	.971825E-03	-.101431E-03	.806835E-03
544	-.624067E-02	-.452410E-01	-.246940E-01	.962573E-03	-.114919E-03	.659328E-03
545	-.586387E-02	-.446416E-01	-.245847E-01	.953865E-03	-.101557E-03	.538448E-03
546	-.350859E-02	-.441252E-01	-.244374E-01	.945348E-03	-.824036E-04	.441408E-03
547	-.316826E-02	-.436704E-01	-.242525E-01	.937442E-03	-.630756E-04	.365894E-03
548	-.283944E-02	-.432580E-01	-.240305E-01	.930043E-03	-.432442E-04	.309266E-03
549	-.252116E-02	-.428716E-01	-.237724E-01	.923000E-03	-.228507E-04	.268428E-03
550	-.221415E-02	-.424980E-01	-.234788E-01	.916281E-03	-.229850E-05	.239905E-03
551	-.191996E-02	-.421280E-01	-.231507E-01	.909866E-03	.181058E-04	.219905E-03
552	-.164002E-02	-.417562E-01	-.227890E-01	.903676E-03	.382948E-04	.204413E-03
553	-.132477E-02	-.413807E-01	-.223947E-01	.897553E-03	.583704E-04	.189276E-03
554	-.112274E-02	-.410035E-01	-.219688E-01	.891285E-03	.785011E-04	.170310E-03
555	-.879355E-03	-.406292E-01	-.215125E-01	.884650E-03	.988257E-04	.143391E-03
556	-.638728E-03	-.402650E-01	-.210270E-01	.877489E-03	.119375E-03	.104559E-03
557	-.388265E-03	-.399194E-01	-.205138E-01	.869801E-03	.140009E-03	.501091E-04
558	-.113399E-03	-.396013E-01	-.199741E-01	.861819E-03	.160408E-03	-.233214E-04
559	.204946E-03	-.393194E-01	-.194092E-01	.853934E-03	.180199E-03	-.118679E-03
560	.589650E-03	-.390809E-01	-.188208E-01	.846264E-03	.199286E-03	-.238423E-03
561	.106699E-02	-.388903E-01	-.182102E-01	.838791E-03	.217622E-03	-.384464E-03
562	.166602E-02	-.387491E-01	-.175794E-01	.836595E-03	.232158E-03	-.558269E-03
563	.241820E-02	-.386548E-01	-.169309E-01	.834975E-03	.234550E-03	-.761605E-03
564	.335772E-02	-.386002E-01	-.162679E-01	.817062E-03	.263707E-03	-.997260E-03
565	.444854E-02	-.384319E-01	-.155424E-01	.113519E-02	.180964E-03	-.101179E-02
566	.561464E-02	-.382161E-01	-.146585E-01	.838394E-03	.278857E-03	-.737404E-03
567	.652844E-02	-.378091E-01	-.136526E-01	.806935E-03	.291432E-03	-.484233E-03
568	.713969E-02	-.372367E-01	-.125155E-01	.807530E-03	.295172E-03	-.260890E-03
569	.741352E-02	-.365390E-01	-.112406E-01	.807024E-03	.292819E-03	-.762894E-04
570	.734025E-02	-.357679E-01	-.982426E-02	.798040E-03	.281699E-03	.612582E-04
571	.694122E-02	-.349777E-01	-.827092E-02	.783184E-03	.258658E-03	.147255E-03
572	.626588E-02	-.342125E-01	-.659887E-02	.768526E-03	.222148E-03	.182859E-03
573	.537889E-02	-.334954E-01	-.484726E-02	.751851E-03	.173217E-03	.175101E-03
574	.434043E-02	-.328247E-01	-.308498E-02	.741275E-03	.116160E-03	.134781E-03
575	.318850E-02	-.321773E-01	-.141996E-02	.733803E-03	.579727E-04	.715566E-04
576	.193086E-02	-.315102E-01	-.634097E-03	.725062E-03	.607453E-05	-.116657E-04
577	.535564E-03	-.307548E-01	.954730E-03	.708962E-03	-.375610E-04	-.117504E-03
578	-.110377E-02	-.298545E-01	.122329E-02	.685143E-03	-.816313E-04	-.231833E-03
579	-.315276E-02	-.290201E-01	.538262E-03	.665926E-03	-.131529E-03	-.264528E-03
580	-.531877E-02	-.293566E-01	-.134383E-02	.655710E-03	-.174105E-03	.373780E-04
581	-.826110E-02	-.314907E-01	-.420810E-02	.658532E-03	-.224005E-03	.380067E-03
582	-.590152E-02	-.339865E-01	-.738099E-02	.686872E-03	-.279154E-03	.379921E-03

SWR1 X0 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2356 86/12/16 CP= 1712.810

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT  
 BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

583	-.53626E-02	-.359696E-01	-.104919E-01	.726703E-03	-.314816E-03	.196395E-03
584	-.528010E-02	-.375371E-01	-.133381E-01	.771551E-03	-.325854E-03	-.633900E-04
585	-.575812E-02	-.390183E-01	-.158331E-01	.819685E-03	-.317847E-03	-.319367E-03
586	-.658376E-02	-.406306E-01	-.179552E-01	.868598E-03	-.298742E-03	-.520832E-03
587	-.746073E-02	-.424016E-01	-.197142E-01	.915716E-03	-.274226E-03	-.642060E-03
588	-.815091E-02	-.442208E-01	-.211354E-01	.957831E-03	-.247206E-03	-.674131E-03
589	-.852281E-02	-.459193E-01	-.222524E-01	.990948E-03	-.220187E-03	-.618386E-03
590	-.854526E-02	-.473333E-01	-.231033E-01	.101200E-02	-.196543E-03	-.482483E-03
591	-.825888E-02	-.483399E-01	-.237279E-01	.102019E-02	-.179989E-03	-.278086E-03
592	-.774392E-02	-.488708E-01	-.241652E-01	.101732E-02	-.172875E-03	-.192935E-04
593	-.709352E-02	-.489112E-01	-.244513E-01	.100872E-02	-.169714E-03	.279080E-03
594	-.639664E-02	-.484878E-01	-.246158E-01	.100362E-02	-.142906E-03	.603975E-03
601	-.599797E-02	-.509197E-01	-.243605E-01	.747350E-03	-.109411E-03	.983937E-03
602	-.534756E-02	-.500144E-01	-.244609E-01	.700810E-03	-.124248E-03	.102489E-02
603	-.486099E-02	-.491427E-01	-.244485E-01	.699854E-03	-.123265E-03	.842657E-03
604	-.442329E-02	-.484061E-01	-.243982E-01	.698979E-03	-.770926E-04	.688833E-03
605	-.401999E-02	-.477808E-01	-.243067E-01	.698960E-03	-.667916E-04	.560716E-03
606	-.363995E-02	-.472441E-01	-.241746E-01	.700574E-03	-.632618E-04	.456303E-03
607	-.327553E-02	-.467746E-01	-.240027E-01	.703102E-03	-.588713E-04	.373584E-03
608	-.292238E-02	-.463527E-01	-.237919E-01	.706267E-03	-.537774E-04	.310157E-03
609	-.257883E-02	-.459613E-01	-.235631E-01	.710001E-03	-.486758E-04	.263118E-03
610	-.224514E-02	-.455866E-01	-.232572E-01	.714224E-03	-.437729E-04	.229063E-03
611	-.192257E-02	-.452185E-01	-.229348E-01	.718821E-03	-.390122E-04	.204192E-03
612	-.161241E-02	-.448507E-01	-.225770E-01	.723648E-03	-.342567E-04	.184437E-03
613	-.131506E-02	-.444810E-01	-.221846E-01	.728530E-03	-.293817E-04	.165576E-03
614	-.102908E-02	-.441105E-01	-.217588E-01	.733261E-03	-.242027E-04	.143342E-03
615	-.756436E-03	-.437635E-01	-.213006E-01	.737612E-03	-.186866E-04	.113525E-03
616	-.471805E-03	-.433866E-01	-.208113E-01	.741337E-03	-.127570E-04	.720705E-04
617	-.182124E-03	-.430480E-01	-.202922E-01	.744208E-03	-.640261E-05	.151815E-04
618	.133687E-03	-.427364E-01	-.197446E-01	.746078E-03	.315900E-06	-.605639E-04
619	.494731E-03	-.424801E-01	-.191699E-01	.747038E-03	.719048E-05	-.158094E-03
620	.923878E-03	-.422257E-01	-.185696E-01	.747606E-03	.138102E-04	-.279743E-03
621	.144727E-02	-.420373E-01	-.179450E-01	.747875E-03	.202158E-04	-.427249E-03
622	.209363E-02	-.418957E-01	-.172975E-01	.741205E-03	.302221E-04	-.601847E-03
623	.289356E-02	-.417979E-01	-.166290E-01	.701977E-03	.552541E-04	-.804470E-03
624	.387925E-02	-.417372E-01	-.159441E-01	.710744E-03	.556583E-04	-.103746E-02
625	.501357E-02	-.415573E-01	-.152290E-01	.959296E-03	-.790790E-05	-.104678E-02
626	.622148E-02	-.413269E-01	-.143181E-01	.719664E-03	.633818E-04	-.762004E-03
627	.716336E-02	-.408978E-01	-.132865E-01	.783740E-03	.532374E-04	-.496064E-03
628	.778148E-02	-.402945E-01	-.121300E-01	.798351E-03	.525207E-04	-.257669E-03
629	.803372E-02	-.395612E-01	-.108399E-01	.802979E-03	.507662E-04	-.580654E-04
630	.790488E-02	-.387566E-01	-.941328E-02	.807271E-03	.461658E-04	.935392E-04
631	.741344E-02	-.379438E-01	-.785617E-02	.810822E-03	.379274E-04	.191358E-03
632	.661170E-02	-.371765E-01	-.618838E-02	.811378E-03	.248901E-04	.234318E-03



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2356 86/12/16 CP= 1712.867

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

633	.557611E-02	-.364847E-01	-.445005E-02	.809288E-03	.647943E-05	.226649E-03
634	.438813E-02	-.358647E-01	-.270952E-02	.805446E-03	-.157917E-04	.176606E-03
635	.311154E-02	-.352769E-01	-.107193E-02	.799688E-03	-.386666E-04	.930047E-04
636	.177173E-02	-.346467E-01	.313620E-03	.787767E-03	-.620201E-04	-.180765E-04
637	.331019E-03	-.338739E-01	.125178E-02	.767064E-03	-.888583E-04	-.149763E-03
638	-.136696E-02	-.329015E-01	.150707E-02	.743087E-03	-.107527E-03	-.274360E-03
639	-.345151E-02	-.319863E-01	.822547E-03	.717933E-03	-.111956E-03	-.297945E-03
640	-.569035E-02	-.322679E-01	-.103891E-02	.707763E-03	-.136740E-03	.254378E-04
641	-.673020E-02	-.343682E-01	-.387135E-02	.709522E-03	-.156167E-03	.374066E-03
642	-.648405E-02	-.368628E-01	-.702704E-02	.700927E-03	-.161724E-03	.372328E-03
643	-.603119E-02	-.388863E-01	-.101401E-01	.713102E-03	-.171714E-03	.198800E-03
644	-.592584E-02	-.405168E-01	-.129963E-01	.735874E-03	-.169355E-03	-.484336E-04
645	-.643433E-02	-.420599E-01	-.154969E-01	.749712E-03	-.153669E-03	-.298757E-03
646	-.722335E-02	-.437266E-01	-.176149E-01	.756993E-03	-.131947E-03	-.503189E-03
647	-.806566E-02	-.455495E-01	-.193615E-01	.761567E-03	-.108580E-03	-.632101E-03
648	-.872563E-02	-.474220E-01	-.207670E-01	.762896E-03	-.870612E-04	-.671440E-03
649	-.906624E-02	-.491725E-01	-.218698E-01	.760367E-03	-.700601E-04	-.619178E-03
650	-.905139E-02	-.506302E-01	-.227119E-01	.754915E-03	-.584031E-04	-.482040E-03
651	-.872076E-02	-.516657E-01	-.233348E-01	.748157E-03	-.512239E-04	-.272401E-03
652	-.815716E-02	-.522073E-01	-.237779E-01	.740901E-03	-.479854E-04	-.552363E-05
653	-.745781E-02	-.522391E-01	-.240772E-01	.731122E-03	-.555763E-04	.302465E-03
654	-.671403E-02	-.517903E-01	-.242657E-01	.712242E-03	-.106488E-03	.636003E-03
661	-.593270E-02	-.533117E-01	-.238585E-01	.161334E-03	.321106E-04	.969176E-03
662	-.536724E-02	-.524074E-01	-.219516E-01	.185036E-03	.943150E-04	.100499E-02
663	-.496528E-02	-.515486E-01	-.239733E-01	.190779E-03	.890274E-04	.827958E-03
664	-.461363E-02	-.508303E-01	-.239435E-01	.200504E-03	-.312040E-04	.669220E-03
665	-.429508E-02	-.502341E-01	-.238697E-01	.214213E-03	-.771798E-04	.533591E-03
666	-.399671E-02	-.497378E-01	-.237543E-01	.228427E-03	-.100034E-03	.422418E-03
667	-.370992E-02	-.493185E-01	-.235981E-01	.243166E-03	-.118533E-03	.334832E-03
668	-.342994E-02	-.489545E-01	-.234015E-01	.258805E-03	-.137750E-03	.268395E-03
669	-.315500E-02	-.486270E-01	-.231648E-01	.275608E-03	-.158587E-03	.219754E-03
670	-.288538E-02	-.483208E-01	-.228884E-01	.293714E-03	-.180767E-03	.185077E-03
671	-.262241E-02	-.480250E-01	-.225731E-01	.313145E-03	-.203715E-03	.160298E-03
672	-.236756E-02	-.477324E-01	-.222194E-01	.335813E-03	-.226842E-03	.141243E-03
673	-.212142E-02	-.474402E-01	-.218284E-01	.355523E-03	-.249642E-03	.123699E-03
674	-.188291E-02	-.471467E-01	-.214010E-01	.377969E-03	-.271704E-03	.103466E-03
675	-.164846E-02	-.468615E-01	-.209383E-01	.400732E-03	-.292715E-03	.763825E-04
676	-.141134E-02	-.465848E-01	-.204417E-01	.423278E-03	-.312441E-03	.383680E-04
677	-.116112E-02	-.463263E-01	-.199125E-01	.444991E-03	-.330737E-03	-.145394E-04
678	-.883229E-03	-.460944E-01	-.193524E-01	.465257E-03	-.347576E-03	.861103E-04
679	-.558819E-03	-.458976E-01	-.187631E-01	.483730E-03	-.363184E-03	.79800E-03
680	-.164808E-03	-.457431E-01	-.181465E-01	.501132E-03	-.378428E-03	.8513E-03
681	.325582E-03	-.456356E-01	-.175043E-01	.521928E-03	-.396085E-03	.444169E-03
682	.941675E-03	-.455761E-01	-.168381E-01	.562910E-03	-.424488E-03	-.67075E-03

SWRI XJ DEGREE ELBOW WITH GROOVE PLATE MODEL 12.2358 86/12/16 CP= 1712.923

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

683	.171342E-02	-.455605E-01	-.161478E-01	.670409E-03	-.482470E-03	-.815303E-03
684	.266845E-02	-.455781E-01	-.154290E-01	.681534E-03	-.490380E-03	-.103346E-02
685	.377500E-02	-.454764E-01	-.147134E-01	.625526E-03	-.485403E-03	-.103864E-02
686	.494734E-02	-.453461E-01	-.137610E-01	.764201E-03	-.528081E-03	-.761317E-03
687	.586247E-02	-.450278E-01	-.127064E-01	.699891E-03	-.520279E-03	-.493450E-03
688	.645726E-02	-.445489E-01	-.115288E-01	.719878E-03	-.528368E-03	-.250819E-03
689	.669109E-02	-.439556E-01	-.102211E-01	.764151E-03	-.534547E-03	-.462918E-04
690	.654962E-02	-.433075E-01	-.878367E-02	.810176E-03	-.534998E-03	.109825E-03
691	.625649E-02	-.426677E-01	-.722582E-02	.851103E-03	-.530268E-03	.210895E-03
692	.527126E-02	-.420881E-01	-.556982E-02	.885890E-03	-.521858E-03	.254824E-03
693	.428142E-02	-.415927E-01	-.385625E-02	.915737E-03	-.510820E-03	.244290E-03
694	.318302E-02	-.411643E-01	-.215114E-02	.942048E-03	-.497163E-03	.185939E-03
695	.205383E-02	-.407374E-01	-.554119E-03	.956227E-03	-.478706E-03	.884435E-04
696	.922272E-03	-.402029E-01	.793843E-03	.990853E-03	-.446765E-03	-.396672E-04
697	-.266579E-03	-.396281E-01	.170604E-02	.101317E-02	-.390081E-03	-.188015E-03
698	-.168583E-02	-.391444E-01	.195307E-02	.101853E-02	-.336103E-03	-.323825E-03
699	-.356799E-02	-.372228E-01	.128034E-02	.101722E-02	-.350168E-03	-.333997E-03
700	-.562207E-02	-.372945E-01	-.552779E-03	.873010E-03	-.323523E-04	.118771E-04
701	-.649223E-02	-.392079E-01	-.335782E-02	.633790E-03	-.225718E-03	.374035E-03
702	-.611878E-02	-.414965E-01	-.650088E-02	.628150E-03	.203303E-03	.377864E-03
703	-.558634E-02	-.432923E-01	-.961505E-02	.562724E-03	.203399E-03	.210356E-03
704	-.545367E-02	-.446892E-01	-.12472E-01	.489763E-03	.201638E-03	-.188532E-04
705	-.582271E-02	-.459843E-01	-.149754E-01	.434727E-03	.200235E-03	-.250906E-03
706	-.653423E-02	-.473866E-01	-.170823E-01	.387918E-03	.202900E-03	-.444658E-03
707	-.733572E-02	-.489431E-01	-.188109E-01	.343060E-03	.208152E-03	-.570984E-03
708	-.800096E-02	-.505659E-01	-.201974E-01	.300311E-03	.206247E-03	-.613746E-03
709	-.838926E-02	-.520984E-01	-.212866E-01	.260568E-03	.199796E-03	-.568657E-03
710	-.845416E-02	-.535775E-01	-.221221E-01	.224762E-03	.183992E-03	-.440514E-03
711	-.822322E-02	-.542752E-01	-.227479E-01	.194742E-03	.158522E-03	-.240216E-03
712	-.776847E-02	-.547166E-01	-.232012E-01	.173811E-03	.129174E-03	-.177119E-04
713	-.717927E-02	-.546811E-01	-.235158E-01	.167447E-03	.116166E-03	.316901E-03
714	-.654278E-02	-.541934E-01	-.237212E-01	.184357E-03	.175400E-03	.640226E-03
721	-.624383E-02	-.606062E-01	-.231378E-01	.186415E-02	.461502E-03	.946790E-03
722	-.557003E-02	-.597521E-01	-.233627E-01	.172412E-02	-.281831E-03	.965034E-03
723	-.505551E-02	-.589635E-01	-.233694E-01	.174756E-02	-.336669E-03	.742300E-03
724	-.458662E-02	-.583399E-01	-.233475E-01	.177112E-02	-.835739E-04	.559806E-03
725	-.414485E-02	-.578450E-01	-.232893E-01	.178344E-02	.671812E-04	.416891E-03
726	-.371815E-02	-.574442E-01	-.231910E-01	.178969E-02	.168567E-03	.308570E-03
727	-.329960E-02	-.571074E-01	-.230508E-01	.179129E-02	.246032E-03	.228804E-03
728	-.288623E-02	-.568102E-01	-.228679E-01	.178889E-02	.311192E-03	.171913E-03
729	-.247777E-02	-.565331E-01	-.226421E-01	.178214E-02	.369610E-03	.132833E-03
730	-.207568E-02	-.562616E-01	-.223738E-01	.177183E-02	.424035E-03	.107036E-03
731	-.168225E-02	-.559857E-01	-.220634E-01	.175793E-02	.475821E-03	.904081E-04
732	-.129981E-02	-.556989E-01	-.217115E-01	.174058E-02	.525585E-03	.791278E-04

SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2358 86/12/16 CP= 1712.979

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

733	-.929956E-03	-.553989E-01	-.213193E-01	-.171983E-02	.573545E-03	.695693E-04
734	-.572899E-03	-.550859E-01	-.208875E-01	-.169567E-02	.619699E-03	.582142E-04
735	-.226806E-03	-.547632E-01	-.204175E-01	-.166792E-02	.663935E-03	.415732E-04
736	.112310E-03	-.544361E-01	-.199105E-01	-.163621E-02	.708132E-03	.161067E-04
737	.453681E-03	-.541117E-01	-.193681E-01	-.159978E-02	.746268E-03	-.218634E-04
738	.807379E-03	-.537979E-01	-.187919E-01	-.155724E-02	.784602E-03	-.262551E-04
739	.118992E-02	-.535036E-01	-.181840E-01	-.150594E-02	.821985E-03	-.31348E-03
740	.162243E-02	-.532372E-01	-.175466E-01	-.144072E-02	.860456E-03	-.251909E-03
741	.213176E-02	-.530065E-01	-.168829E-01	-.135098E-02	.904482E-03	-.383270E-03
742	.275111E-02	-.528174E-01	-.161967E-01	-.121353E-02	.963603E-03	-.551065E-03
743	.351975E-02	-.526726E-01	-.154940E-01	-.980026E-03	.105558E-02	-.759823E-03
744	.448072E-02	-.525693E-01	-.147841E-01	-.101912E-02	.101303E-02	-.100975E-02
745	.559772E-02	-.523528E-01	-.139438E-01	-.173710E-02	.816595E-03	-.101895E-02
746	.676842E-02	-.520668E-01	-.130039E-01	-.764997E-03	.106637E-02	-.716157E-03
747	.764845E-02	-.515744E-01	-.119284E-01	.888955E-03	.101538E-02	-.439503E-03
748	.818743E-02	-.509067E-01	-.107253E-01	.902942E-03	.997805E-03	-.200903E-03
749	.835280E-02	-.501107E-01	-.939739E-02	.857566E-03	.992157E-03	-.692513E-05
750	.813374E-02	-.492457E-01	-.795094E-02	.774869E-03	.988183E-03	.138278E-03
751	.754626E-02	-.483753E-01	-.639878E-02	.664590E-03	.977568E-03	.232240E-03
752	.663560E-02	-.475575E-01	-.476446E-02	.532442E-03	.951374E-03	.274720E-03
753	.547215E-02	-.468304E-01	-.308731E-02	.384340E-03	.899669E-03	.268266E-03
754	.413892E-02	-.462000E-01	-.142889E-02	.228471E-03	.812134E-03	.217704E-03
755	.271236E-02	-.456302E-01	-.119294E-03	.751373E-04	.677762E-03	.128269E-03
756	.123717E-02	-.450381E-01	.142764E-02	-.641770E-04	.481117E-03	.476605E-05
757	-.310773E-03	-.443071E-01	.232153E-02	-.169780E-03	.205615E-03	-.141669E-03
758	-.206646E-02	-.433766E-01	.257898E-02	-.204658E-03	-.116579E-03	-.274768E-03
759	-.421907E-02	-.425008E-01	.193898E-02	-.167786E-03	-.334151E-03	-.306051E-03
760	-.651289E-02	-.427530E-01	.143857E-03	-.536481E-04	-.593795E-03	-.320687E-05
761	-.775296E-02	-.446837E-01	-.263729E-02	.116324E-03	-.817634E-03	.307879E-03
762	-.787282E-02	-.470060E-01	-.577817E-02	.285068E-03	-.961135E-03	.283118E-03
763	-.778737E-02	-.489780E-01	-.890034E-02	.587257E-03	-.108822E-02	.130288E-03
764	-.792351E-02	-.506636E-01	-.117661E-01	.882649E-03	-.112294E-02	-.659576E-04
765	-.834159E-02	-.522760E-01	-.142612E-01	.111947E-02	-.108069E-02	-.255455E-03
766	-.891026E-02	-.539502E-01	-.163550E-01	.130021E-02	-.989085E-03	-.408267E-03
767	-.944644E-02	-.556981E-01	-.180662E-01	.143368E-02	-.870190E-03	-.505485E-03
768	-.979703E-02	-.574351E-01	-.194366E-01	.152746E-02	-.742513E-03	-.535678E-03
769	-.987488E-02	-.590302E-01	-.205159E-01	.159003E-02	-.620699E-03	-.494520E-03
770	-.966248E-02	-.603509E-01	-.213524E-01	.163019E-02	-.515511E-03	-.383892E-03
771	-.919634E-02	-.612932E-01	-.219890E-01	.165513E-02	-.435864E-03	-.209848E-03
772	-.854454E-02	-.617949E-01	-.224818E-01	.166898E-02	-.393100E-03	.195963E-04
773	-.778631E-02	-.618343E-01	-.227995E-01	.167205E-02	-.408588E-03	.295836E-03
774	-.699773E-02	-.614245E-01	-.230241E-01	.166030E-02	-.530217E-03	.609324E-03
781	-.585843E-02	-.679970E-01	-.225566E-01	-.504809E-03	-.422409E-03	.577480E-03
782	-.526585E-02	-.675074E-01	-.226224E-01	-.285340E-03	.354054E-03	.566319E-03



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2358 86/12/16 CP= 1713.035

DISPLACEMENT SOLUTION ~~ARRAY~~ TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

783	-.476619E-02	-.670837E-01	-.226795E-01	-.242534E-03	.554108E-03	.370713E-03
784	-.429156E-02	-.667849E-01	-.226865E-01	-.217430E-03	.323632E-03	.243865E-03
785	-.382937E-02	-.665600E-01	-.226444E-01	-.189211E-03	.158872E-03	.159232E-03
786	-.337350E-02	-.663763E-01	-.225546E-01	-.160738E-03	.134514E-04	.101987E-03
787	-.292148E-02	-.662120E-01	-.224178E-01	-.132696E-03	-.644718E-04	.635198E-04
788	-.247315E-02	-.660516E-01	-.222348E-01	-.104966E-03	-.146697E-03	.383543E-04
789	-.202959E-02	-.658845E-01	-.220063E-01	-.771394E-04	-.217408E-03	.227019E-04
790	-.159307E-02	-.657031E-01	-.217334E-01	-.487086E-04	-.280014E-03	.137450E-04
791	-.116557E-02	-.655027E-01	-.214168E-01	-.191336E-04	-.336875E-03	.924525E-05
792	-.749439E-03	-.652806E-01	-.210577E-01	.121416E-04	-.389730E-03	.731258E-05
793	-.346558E-03	-.650360E-01	-.206572E-01	.457012E-04	-.439952E-03	.625919E-05
794	.418683E-04	-.647626E-01	-.202165E-01	.821894E-04	-.488722E-03	.449525E-05
795	.415601E-03	-.644833E-01	-.197368E-01	.122365E-03	-.537143E-03	.442521E-06
796	.775670E-03	-.641803E-01	-.192194E-01	.167185E-03	-.586346E-03	-.755293E-05
797	.112672E-02	-.638646E-01	-.186658E-01	.217943E-03	-.637593E-03	-.213263E-04
798	.146741E-02	-.635408E-01	-.180775E-01	.276495E-03	-.692400E-03	-.430437E-04
799	.181099E-02	-.632144E-01	-.174559E-01	.345647E-03	-.752710E-03	-.754374E-04
800	.216608E-02	-.628912E-01	-.168027E-01	.429877E-03	-.821161E-03	-.122203E-03
801	.254793E-02	-.625774E-01	-.161195E-01	.536718E-03	-.901557E-03	-.188727E-03
802	.297872E-02	-.622802E-01	-.154781E-01	.679539E-03	-.999652E-03	-.283523E-03
803	.349166E-02	-.620075E-01	-.146696E-01	.880921E-03	-.112336E-02	-.421267E-03
804	.415908E-02	-.617695E-01	-.139055E-01	.116828E-03	-.107859E-02	-.628097E-03
805	.489984E-02	-.614704E-01	-.132133E-01	.159441E-04	-.935476E-03	-.648798E-03
806	.568029E-02	-.610733E-01	-.121966E-01	.210086E-02	-.128925E-02	-.412275E-03
807	.623389E-02	-.605143E-01	-.110801E-01	.272054E-03	-.128883E-02	-.238542E-03
808	.656129E-02	-.598197E-01	-.985407E-02	.380931E-03	-.129637E-02	-.106569E-03
809	.665413E-02	-.590172E-01	-.851694E-02	.5298120E-03	-.129898E-02	-.693697E-05
810	.650420E-02	-.581379E-01	-.707286E-02	.726476E-03	-.128828E-02	-.640545E-04
811	.610963E-02	-.572160E-01	-.553370E-02	.886428E-03	-.125781E-02	.107760E-03
812	.547806E-02	-.562847E-01	-.392205E-02	.107086E-03	-.120225E-02	.125039E-03
813	.462599E-02	-.553721E-01	-.227555E-02	.107200E-02	-.111757E-02	.117150E-03
814	.357415E-02	-.544952E-01	-.652711E-03	.118109E-02	-.100129E-02	.858792E-04
815	.233925E-02	-.536571E-01	.860075E-03	.128928E-02	-.852280E-03	.328189E-04
816	.923572E-03	-.528433E-01	.214092E-02	.138818E-02	-.870108E-03	-.423131E-04
817	-.699727E-03	-.520188E-01	.302555E-02	.146681E-02	-.461034E-03	-.142370E-03
818	-.261643E-02	-.511482E-01	.330271E-02	.151097E-02	-.272244E-03	-.258651E-03
819	-.497229E-02	-.503941E-01	.271803E-02	.154466E-02	-.258394E-03	-.306718E-03
820	-.752800E-02	-.507523E-01	.979722E-03	.133646E-02	.265826E-03	-.197924E-04
821	-.909084E-02	-.527415E-01	-.178179E-02	.948164E-03	.675400E-03	.268257E-03
822	-.957789E-02	-.550845E-01	.492351E-02	.912757E-03	.642719E-03	.218761E-03
823	-.979291E-02	-.571163E-01	-.804664E-02	.713686E-03	.678910E-03	.918074E-04
824	-.997547E-02	-.588999E-01	-.109160E-01	.477394E-03	.696669E-03	-.290701E-04
825	-.101472E-01	-.605490E-01	-.134189E-01	.252401E-03	.687989E-03	-.130272E-03
826	-.102450E-01	-.621199E-01	-.155243E-01	.514366E-04	.659049E-03	-.207875E-03

SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2361 86/12/16 CP= 1713.090

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

827	-1.02376E-01	-.636146E-01	-.172487E-01	-.119169E-03	.617143E-03	-.256918E-03
828	-.100783E-01	-.649967E-01	-.186330E-01	-.254412E-03	.570768E-03	-.273427E-03
829	-.975291E-02	-.662122E-01	-.197264E-01	-.351972E-03	.528870E-03	-.255808E-03
830	-.927332E-02	-.672083E-01	-.205779E-01	-.412428E-03	.499872E-03	-.204576E-03
831	-.867116E-02	-.679451E-01	-.212318E-01	-.438308E-03	.491737E-03	-.121236E-03
832	-.798803E-02	-.683994E-01	-.217261E-01	-.432964E-03	.513269E-03	-.668918E-05
833	-.726691E-02	-.685620E-01	-.220927E-01	-.399893E-03	.576471E-03	.140909E-03
834	-.654650E-02	-.684302E-01	-.223583E-01	-.341975E-03	.702834E-03	.329316E-03
841	.710988E-01	.561180E-02	-.205112E-01	-.701568E-04	.789583E-03	-.361128E-04
842	.713193E-01	.150941E-02	-.206511E-01	-.242459E-04	.793032E-03	-.358753E-04
843	.713259E-01	-.264458E-02	-.206555E-01	.217183E-04	.793461E-03	-.359120E-04
844	.710888E-01	-.679143E-02	-.206127E-01	.677493E-04	.790854E-03	-.359420E-04
845	.706097E-01	-.109172E-01	-.205253E-01	.113561E-03	.785559E-03	-.359569E-04
846	.698907E-01	-.150079E-01	-.203939E-01	.158993E-03	.777615E-03	-.359611E-04
847	.689344E-01	-.190495E-01	-.202189E-01	.203889E-03	.767048E-03	-.359588E-04
848	.677442E-01	-.250286E-01	-.200009E-01	.248099E-03	.753890E-03	-.359529E-04
849	.663243E-01	-.269316E-01	-.197406E-01	.291468E-03	.738186E-03	-.359447E-04
850	.646795E-01	-.307453E-01	-.194390E-01	.333852E-03	.719986E-03	-.359353E-04
851	.628154E-01	-.344569E-01	-.190970E-01	.375105E-03	.699351E-03	-.359252E-04
852	.607384E-01	-.380535E-01	-.187157E-01	.415086E-03	.676352E-03	-.359147E-04
853	.584555E-01	-.415233E-01	-.182966E-01	.453661E-03	.651066E-03	-.359040E-04
854	.559744E-01	-.448543E-01	-.178409E-01	.490698E-03	.623577E-03	-.358935E-04
855	.533037E-01	-.480352E-01	-.173503E-01	.526070E-03	.593981E-03	-.358834E-04
856	.504522E-01	-.510554E-01	-.168264E-01	.559659E-03	.562375E-03	-.358738E-04
857	.474296E-01	-.539046E-01	-.162710E-01	.591350E-03	.528868E-03	-.358653E-04
858	.442463E-01	-.565730E-01	-.156859E-01	.621034E-03	.493575E-03	-.358582E-04
859	.409129E-01	-.590517E-01	-.150732E-01	.648611E-03	.456615E-03	-.358534E-04
860	.374406E-01	-.613323E-01	-.144349E-01	.673987E-03	.418115E-03	-.358524E-04
861	.338413E-01	-.634070E-01	-.137732E-01	.697073E-03	.378208E-03	-.358574E-04
862	.301268E-01	-.652690E-01	-.130903E-01	.717790E-03	.337030E-03	-.358722E-04
863	.263103E-01	-.669118E-01	-.123883E-01	.736065E-03	.294899E-03	-.358983E-04
864	.224049E-01	-.683298E-01	-.116671E-01	.751713E-03	.251014E-03	-.359215E-04
865	.184978E-01	-.694988E-01	-.109189E-01	.765294E-03	.206985E-03	-.356043E-04
866	.133187E-01	-.706825E-01	-.997572E-02	.778235E-03	.149775E-03	-.358096E-04
867	.751880E-02	-.715359E-01	-.891716E-02	.787836E-03	.855384E-04	-.358206E-04
868	.106000E-02	-.719213E-01	-.773791E-02	.792243E-03	.139529E-04	-.358083E-04
869	-.607732E-02	-.716649E-01	-.643441E-02	.789525E-03	-.651840E-04	-.358048E-04
870	-.138827E-01	-.705543E-01	-.500883E-02	.777323E-03	-.151733E-03	-.358138E-04
871	-.222988E-01	-.683354E-01	-.347189E-02	.752816E-03	-.245036E-03	-.358332E-04
872	-.311987E-01	-.647139E-01	-.184681E-02	.712747E-03	-.343672E-03	-.358584E-04
873	-.403594E-01	-.593683E-01	-.174484E-03	.653509E-03	-.445155E-03	-.358820E-04
874	-.494272E-01	-.519599E-01	-.148049E-02	.571371E-03	-.545562E-03	-.358934E-04
875	-.578797E-01	-.421804E-01	.302293E-02	.462891E-03	-.639115E-03	-.358794E-04
876	-.649910E-01	-.298099E-01	.432062E-02	.325618E-03	-.717801E-03	-.358287E-04



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2361 86/12/16 CP= 1713.148

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

877	-.698088E-01	-.148145E-01	-.520024E-02	-.159159E-03	-.771115E-03	-.357413E-04
878	-.711648E-01	.251652E-02	-.544913E-02	-.332918E-04	-.786173E-03	-.356548E-04
879	-.677501E-01	.213946E-01	-.482784E-02	-.243010E-03	-.748428E-03	-.356738E-04
880	-.583076E-01	.403372E-01	-.310462E-02	-.453652E-03	-.643731E-03	-.358909E-04
881	-.437332E-01	.556771E-01	-.441456E-03	-.624360E-03	-.481873E-03	-.361116E-04
882	-.271652E-01	.653264E-01	-.258593E-02	-.731787E-03	-.297920E-03	-.361408E-04
883	-.104212E-01	.699658E-01	-.564347E-02	-.783585E-03	-.112239E-03	-.360698E-04
884	.531159E-02	.705546E-01	-.851417E-02	-.790342E-03	.619989E-04	-.360003E-04
885	.193621E-01	.680913E-01	-.110766E-01	-.763200E-03	.217463E-03	-.359655E-04
886	.314366E-01	.634826E-01	-.132781E-01	-.712203E-03	.350995E-03	-.359827E-04
887	.414937E-01	.574859E-01	-.151118E-01	-.645760E-03	.462204E-03	-.359793E-04
888	.496453E-01	.506977E-01	-.165985E-01	-.570496E-03	.552361E-03	-.360029E-04
889	.560859E-01	.435654E-01	-.177736E-01	-.491381E-03	.623631E-03	-.360243E-04
890	.610442E-01	.364096E-01	-.186788E-01	-.411976E-03	.678538E-03	-.360377E-04
891	.647526E-01	.294498E-01	-.193563E-01	-.334724E-03	.719635E-03	-.360401E-04
892	.674301E-01	.228269E-01	-.198459E-01	-.261190E-03	.749325E-03	-.360301E-04
893	.692729E-01	.166237E-01	-.201830E-01	-.192296E-03	.769756E-03	-.360094E-04
894	.704497E-01	.108818E-01	-.203987E-01	-.128505E-03	.782809E-03	-.359922E-04
3061	-.512373E-02	-.422074E-01	-.253753E-01	.669245E-03	-.179714E-03	.815382E-03
3062	-.456777E-02	-.414591E-01	-.254321E-01	.673869E-03	-.991447E-04	.846994E-03
3063	-.414631E-02	-.407443E-01	-.253712E-01	.652064E-03	-.120783E-03	.682909E-03
3064	-.376557E-02	-.401534E-01	-.252754E-01	.634141E-03	-.133949E-03	.543768E-03
3065	-.341109E-02	-.396624E-01	-.251524E-01	.618981E-03	-.138253E-03	.432863E-03
3066	-.307336E-02	-.392447E-01	-.249729E-01	.606603E-03	-.140235E-03	.349596E-03
3067	-.274717E-02	-.388758E-01	-.247681E-01	.596985E-03	-.141221E-03	.290286E-03
3068	-.243088E-02	-.385348E-01	-.245287E-01	.589541E-03	-.140029E-03	.250786E-03
3069	-.212519E-02	-.382052E-01	-.242554E-01	.584344E-03	-.138454E-03	.226899E-03
3070	-.183229E-02	-.378746E-01	-.239488E-01	.581673E-03	-.137779E-03	.214508E-03
3071	-.155496E-02	-.375348E-01	-.236094E-01	.581352E-03	-.137469E-03	.209606E-03
3072	-.129569E-02	-.371818E-01	-.232382E-01	.583037E-03	-.136714E-03	.208235E-03
3073	-.105585E-02	-.368150E-01	-.228361E-01	.586453E-03	-.135018E-03	.206427E-03
3074	-.834881E-03	-.364375E-01	-.224045E-01	.591366E-03	-.132041E-03	.200233E-03
3075	-.629552E-03	-.360548E-01	-.219447E-01	.597511E-03	-.127455E-03	.185762E-03
3076	-.435580E-03	-.356751E-01	-.214583E-01	.604590E-03	-.120935E-03	.159217E-03
3077	-.236122E-03	-.353077E-01	-.209470E-01	.612301E-03	-.112192E-03	.116927E-03
3078	-.234211E-04	-.349625E-01	-.204124E-01	.620313E-03	-.100908E-03	.553478E-04
3079	.223443E-03	-.346494E-01	-.198562E-01	.628558E-03	-.869593E-04	-.289913E-04
3080	.527729E-03	-.343771E-01	-.192800E-01	.638971E-03	-.715685E-04	-.139635E-03
3081	.917344E-03	-.341524E-01	-.186851E-01	.658261E-03	-.584929E-04	-.280205E-03
3082	.142464E-02	-.339795E-01	-.180719E-01	.692871E-03	-.499793E-04	-.453438E-03
3083	.208453E-02	-.338585E-01	-.174399E-01	.703208E-03	-.244614E-04	-.658412E-03
3084	.293292E-02	-.337828E-01	-.167928E-01	.678972E-03	.204790E-04	-.895784E-03
3085	.392648E-02	-.336094E-01	-.161089E-01	.586471E-03	.565897E-04	-.924480E-03
3086	.501608E-02	-.333937E-01	-.152437E-01	.707268E-03	.433020E-04	-.684742E-03

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2364 86/12/16 CP= 1713.297

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3087	.588329E-02	-.329984E-01	-.142596E-01	.732816E-03	.533210E-04	-.458751E-03
3088	.648794E-02	-.324444E-01	-.131462E-01	.749937E-03	.604452E-04	-.266944E-03
3089	.681250E-02	-.317631E-01	-.118908E-01	.770326E-03	.609763E-04	-.118109E-03
3090	.686122E-02	-.309921E-01	-.104873E-01	.788298E-03	.522995E-04	-.167870E-04
3091	.665973E-02	-.301646E-01	-.893847E-02	.806990E-03	.307930E-04	.368406E-04
3092	.624527E-02	-.293023E-01	-.725992E-02	.832782E-03	-.501869E-05	.498166E-04
3093	.564632E-02	-.284141E-01	-.548782E-02	.872195E-03	-.511355E-04	.365759E-04
3094	.486213E-02	-.275079E-01	-.368909E-02	.926523E-03	-.968773E-04	.140733E-04
3095	.386086E-02	-.266086E-01	-.197370E-02	.987872E-03	-.127214E-03	-.795331E-05
3096	.260579E-02	-.257553E-01	-.503514E-03	.103849E-02	-.129472E-03	-.364334E-04
3097	.108054E-02	-.249590E-01	.509974E-03	.105741E-02	-.101775E-03	-.921665E-04
3098	-.745304E-03	-.241862E-01	.820536E-03	.103325E-02	-.576182E-04	-.178273E-03
3099	-.294680E-02	-.235956E-01	.157492E-03	.974300E-03	-.211065E-04	-.206451E-03
3100	-.516545E-02	-.242144E-01	-.176349E-02	.902306E-03	-.141363E-04	.923243E-04
3101	-.602882E-02	-.265859E-01	-.472405E-02	.839917E-03	-.309895E-04	.434915E-03
3102	-.551337E-02	-.292180E-01	-.796359E-02	.796752E-03	-.459915E-04	.425963E-03
3103	-.484172E-02	-.312316E-01	-.110853E-01	.771304E-03	-.440901E-04	.216476E-03
3104	-.470933E-02	-.327621E-01	-.139172E-01	.756952E-03	-.221474E-04	-.692071E-04
3105	-.519155E-02	-.341828E-01	-.164057E-01	.744823E-03	.620401E-05	-.530583E-04
3106	-.601090E-02	-.357177E-01	-.185423E-01	.733542E-03	.237434E-04	-.514166E-03
3107	-.683920E-02	-.373775E-01	-.203343E-01	.728188E-03	.241927E-04	-.606860E-03
3108	-.745197E-02	-.390483E-01	-.217971E-01	.711267E-03	.120971E-04	-.615678E-03
3109	-.775126E-02	-.405745E-01	-.229542E-01	.739202E-03	-.566615E-05	-.552700E-03
3110	-.773283E-02	-.418324E-01	-.238360E-01	.745362E-03	-.256375E-04	-.428856E-03
3111	-.744662E-02	-.427290E-01	-.244775E-01	.745187E-03	-.465219E-04	-.252811E-03
3112	-.696674E-02	-.432143E-01	-.249158E-01	.738019E-03	-.655140E-04	-.316104E-04
3113	-.637238E-02	-.432740E-01	-.251890E-01	.725762E-03	-.775193E-04	.227911E-03
3114	-.573705E-02	-.429242E-01	-.253332E-01	.698991E-03	-.121019E-03	.514656E-03
3121	-.496702E-02	-.407673E-01	-.255603E-01	.594385E-03	-.165473E-03	.775274E-03
3122	-.440647E-02	-.400471E-01	-.255902E-01	.590338E-03	-.658997E-04	.812886E-03
3123	-.397868E-02	-.393744E-01	-.255241E-01	.567092E-03	-.135081E-03	.634532E-03
3124	-.358797E-02	-.388289E-01	-.254190E-01	.551187E-03	-.168487E-03	.496155E-03
3125	-.321989E-02	-.383775E-01	-.252772E-01	.539719E-03	-.175575E-03	.393382E-03
3126	-.286698E-02	-.379911E-01	-.251010E-01	.530787E-03	-.167704E-03	.319651E-03
3127	-.252577E-02	-.376453E-01	-.248910E-01	.524558E-03	-.158994E-03	.269175E-03
3128	-.219551E-02	-.373205E-01	-.246472E-01	.522107E-03	-.156420E-03	.237137E-03
3129	-.187757E-02	-.370009E-01	-.243698E-01	.523289E-03	-.157766E-03	.219705E-03
3130	-.157472E-02	-.366751E-01	-.240589E-01	.527255E-03	-.159397E-03	.213304E-03
3131	-.129030E-02	-.363355E-01	-.237151E-01	.533554E-03	-.159941E-03	.214142E-03
3132	-.102725E-02	-.359784E-01	-.233393E-01	.542002E-03	-.159018E-03	.218246E-03
3133	-.787308E-03	-.356042E-01	-.229325E-01	.552353E-03	-.156245E-03	.221603E-03
3134	-.570185E-03	-.352163E-01	-.224961E-01	.564245E-03	-.151186E-03	.220232E-03
3135	-.372821E-03	-.348212E-01	-.220318E-01	.577238E-03	-.143446E-03	.210227E-03
3136	-.188801E-03	-.344276E-01	-.215411E-01	.590777E-03	-.132632E-03	.187807E-03

SWR1 45 DEGREE ELBOW WITH GROOVE PLATE MODEL 12.2364 86/12/16 CP= 1713.555

DISPLACEMENT SOLUTION TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3137	-.788942E-05	-.340455E-01	-.210262E-01	.604094E-03	-.118270E-03	.149378E-03
3138	.184274E-03	-.336855E-01	-.204890E-01	.616080E-03	-.997057E-04	.915898E-04
3139	.602288E-03	-.333577E-01	-.199314E-01	.624856E-03	-.757955E-04	.113953E-04
3140	.680953E-03	-.330712E-01	-.193553E-01	.626753E-03	-.442717E-04	-.939787E-04
3141	.103524E-02	-.328328E-01	-.187625E-01	.618727E-03	-.366353E-05	-.227589E-03
3142	.150069E-02	-.326469E-01	-.181542E-01	.614813E-03	.378354E-04	-.394351E-03
3143	.211449E-02	-.315157E-01	-.175308E-01	.669312E-03	.556286E-04	-.601410E-03
3144	.291775E-02	-.324367E-01	-.168857E-01	.854158E-03	.271534E-04	-.847426E-03
3145	.387735E-02	-.322721E-01	-.162061E-01	.865189E-03	.687024E-04	-.880636E-03
3146	.491356E-02	-.320582E-01	-.153446E-01	.649520E-03	.151243E-03	-.634472E-03
3147	.573247E-02	-.316765E-01	-.143700E-01	.667217E-03	.166046E-03	-.423402E-03
3148	.630525E-02	-.311472E-01	-.132607E-01	.715865E-03	.174323E-03	-.247432E-03
3149	.661895E-02	-.304993E-01	-.120047E-01	.743285E-03	.181791E-03	-.112668E-03
3150	.667933E-02	-.297654E-01	-.106050E-01	.757603E-03	.181760E-03	-.246847E-04
3151	.651519E-02	-.289733E-01	-.905199E-02	.772526E-03	.168862E-03	.169922E-04
3152	.616229E-02	-.281369E-01	-.736854E-02	.790916E-03	.138583E-03	.210177E-04
3153	.563964E-02	-.272587E-01	-.558735E-02	.816415E-03	.899565E-04	.358575E-05
3154	.492879E-02	-.263457E-01	-.374545E-02	.854177E-03	.305192E-04	-.169904E-04
3155	.397710E-02	-.254314E-01	-.204112E-02	.901449E-03	-.242751E-04	-.306545E-04
3156	.273384E-02	-.245719E-01	-.552314E-03	.942866E-03	-.579504E-04	-.462091E-04
3157	.118559E-02	-.237952E-01	.476423E-03	.956180E-03	-.636541E-04	-.887195E-04
3158	-.676597E-03	-.230693E-01	.797140E-03	.927521E-03	-.529745E-04	-.136050E-03
3159	-.290030E-02	-.225313E-01	.139057E-03	.866785E-03	-.524103E-04	-.192107E-03
3160	-.511085E-02	-.231745E-01	-.179485E-02	.803313E-03	-.924484E-04	.104088E-03
3161	-.593650E-02	-.255229E-01	-.479048E-02	.766897E-03	-.152895E-03	.442932E-03
3162	-.537663E-02	-.280925E-01	-.805820E-02	.761572E-03	-.184667E-03	.427291E-03
3163	-.468938E-02	-.300199E-01	-.111893E-01	.773122E-03	-.171138E-03	.206459E-03
3164	-.458729E-02	-.314672E-01	-.140210E-01	.780404E-03	-.116888E-03	-.875645E-04
3165	-.512203E-02	-.328284E-01	-.165114E-01	.767086E-03	-.532498E-04	-.347669E-03
3166	-.597989E-02	-.343250E-01	-.186575E-01	.741686E-03	-.819241E-05	-.522036E-03
3167	-.681569E-02	-.359530E-01	-.204654E-01	.719124E-03	.122229E-04	-.603219E-03
3168	-.740994E-02	-.375864E-01	-.219472E-01	.703884E-03	.134840E-04	-.603305E-03
3169	-.767903E-02	-.390764E-01	-.231230E-01	.693919E-03	.266722E-05	-.537319E-03
3170	-.783131E-02	-.403006E-01	-.240206E-01	.685078E-03	-.158884E-04	-.417014E-03
3171	-.732347E-02	-.411770E-01	-.246735E-01	.672136E-03	-.436500E-04	-.250838E-03
3172	-.683107E-02	-.416625E-01	-.251176E-01	.651961E-03	-.846545E-04	-.449605E-04
3173	-.623075E-02	-.417454E-01	-.253888E-01	.650332E-03	-.124561E-03	.197465E-03
3174	-.559006E-02	-.414370E-01	-.255244E-01	.619648E-03	-.111671E-03	.476901E-03
3181	-.473988E-02	-.384741E-01	-.256849E-01	.899480E-03	.719062E-04	.722763E-03
3182	-.419560E-02	-.378224E-01	-.257459E-01	.808837E-03	-.191093E-03	.718967E-03
3183	-.376640E-02	-.372206E-01	-.256510E-01	.791098E-03	-.211383E-03	.561280E-03
3184	-.336809E-02	-.367286E-01	-.255226E-01	.780160E-03	-.126574E-03	.453767E-03
3185	-.299301E-02	-.363144E-01	-.253674E-01	.770253E-03	-.672406E-04	.373686E-03
3186	-.263509E-02	-.359533E-01	-.251835E-01	.762657E-03	-.361812E-04	.314474E-03



SWR1 W3 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2367 86/12/16 CP= 1713.412

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3187	-.229107E-02	-.356246E-01	-.249682E-01	-.757433E-03	-.200194E-04	.274197E-03
3188	-.196073E-02	-.353104E-01	-.247197E-01	-.752969E-03	-.501203E-05	.251939E-03
3189	-.164631E-02	-.349256E-01	-.244376E-01	-.748532E-03	.122712E-04	.245035E-03
3190	-.135148E-02	-.346687E-01	-.241215E-01	-.744476E-03	.306184E-04	.249493E-03
3191	-.108040E-02	-.343229E-01	-.237718E-01	-.741040E-03	.495654E-04	.261024E-03
3192	-.836659E-03	-.339552E-01	-.233892E-01	-.738174E-03	.694022E-04	.275344E-03
3193	-.622425E-03	-.335671E-01	-.229751E-01	-.735784E-03	.903844E-04	.288168E-03
3194	-.437537E-03	-.331634E-01	-.225310E-01	-.733821E-03	.112603E-03	.295226E-03
3195	-.278762E-03	-.327519E-01	-.220590E-01	-.73288E-03	.136029E-03	.292328E-03
3196	-.139170E-03	-.323429E-01	-.215613E-01	-.731239E-03	.160541E-03	.275447E-03
3197	-.768568E-05	-.319478E-01	-.210405E-01	-.730758E-03	.185974E-03	.240826E-03
3198	-.131133E-03	-.315785E-01	-.204989E-01	-.730825E-03	.212243E-03	.185130E-03
3199	.297039E-03	-.312464E-01	-.199393E-01	-.731131E-03	.239476E-03	.105617E-03
3200	.513716E-03	-.309605E-01	-.193639E-01	-.730620E-03	.268285E-03	.380367E-06
3201	.808007E-03	-.307274E-01	-.187752E-01	-.722803E-03	.302701E-03	-.131085E-03
3202	.120887E-02	-.305492E-01	-.181757E-01	-.685318E-03	.354852E-03	-.287689E-03
3203	.174720E-02	-.304245E-01	-.175673E-01	-.601204E-03	.431075E-03	-.471478E-03
3204	.245961E-02	-.303510E-01	-.169535E-01	-.599571E-03	.475409E-03	-.701688E-03
3205	.332084E-02	-.302171E-01	-.162326E-01	-.102326E-02	.411901E-03	-.748861E-03
3206	.425544E-02	-.300455E-01	-.154086E-01	-.606894E-03	.530073E-03	-.525866E-03
3207	.499700E-02	-.297280E-01	-.144511E-01	-.636398E-03	.522509E-03	-.339065E-03
3208	.551801E-02	-.292808E-01	-.133522E-01	-.610619E-03	.521153E-03	-.184584E-03
3209	.581230E-02	-.287307E-01	-.121061E-01	-.612083E-03	.511706E-03	-.746092E-04
3210	.590000E-02	-.281044E-01	-.107091E-01	-.666396E-03	.495852E-03	-.132502E-04
3211	.581888E-02	-.274172E-01	-.916292E-02	-.672802E-03	.467275E-03	.354499E-05
3212	.560294E-02	-.266672E-01	-.747932E-02	-.680741E-03	.413717E-03	-.128060E-04
3213	.525530E-02	-.258422E-01	-.568952E-02	-.687130E-03	.330882E-03	-.428072E-04
3214	.472805E-02	-.249428E-01	-.385749E-02	-.709152E-03	.226723E-03	-.662013E-04
3215	.393124E-02	-.240125E-01	-.209606E-02	-.750793E-03	.121237E-03	-.715522E-04
3216	.278458E-02	-.231362E-01	-.577157E-03	-.796239E-03	.378289E-04	-.690077E-04
3217	.127279E-02	-.223760E-01	-.475359E-03	-.816596E-03	-.121311E-04	-.893132E-04
3218	-.579740E-03	-.217138E-01	-.809708E-03	-.791168E-03	-.383629E-04	-.148578E-03
3219	-.276985E-02	-.212599E-01	-.156326E-03	-.725493E-03	-.759730E-04	-.167215E-03
3220	-.488285E-02	-.219457E-01	-.179918E-02	-.658884E-03	-.184600E-03	.125723E-03
3221	-.554955E-02	-.242432E-01	-.484789E-02	-.632223E-03	-.320840E-03	.457068E-03
3222	-.482299E-02	-.266715E-01	-.815304E-02	-.636887E-03	-.402317E-03	.428092E-03
3223	-.403309E-02	-.283930E-01	-.112860E-01	-.665701E-03	-.427638E-03	.185180E-03
3224	-.393501E-02	-.296236E-01	-.141016E-01	-.705372E-03	-.403689E-03	-.128751E-03
3225	-.454722E-02	-.308061E-01	-.165800E-01	-.742905E-03	-.356997E-03	-.398110E-03
3226	-.549677E-02	-.321735E-01	-.187282E-01	-.762992E-03	-.316104E-03	-.571305E-03
3227	-.640400E-02	-.337076E-01	-.205509E-01	-.772396E-03	-.293291E-03	-.646597E-03
3228	-.704373E-02	-.352692E-01	-.220547E-01	-.787820E-03	-.279476E-03	-.640481E-03
3229	-.734017E-02	-.367035E-01	-.232546E-01	-.810701E-03	-.264882E-03	-.570092E-03
3230	-.731089E-02	-.378879E-01	-.241744E-01	-.835725E-03	-.245821E-03	-.447647E-03

SWRI W) DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2367 86/12/16 CP= 1713.470

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3231	-.701860E-02	-.387419E-01	-.248445E-01	.859367E-03	-.220585E-03	-.280886E-03
3232	-.654200E-02	-.392235E-01	-.252981E-01	.876872E-03	-.194254E-03	-.771621E-04
3233	-.596013E-02	-.393252E-01	-.255685E-01	.875225E-03	-.201583E-03	.152189E-03
3234	-.534260E-02	-.390659E-01	-.256843E-01	.857249E-03	-.252604E-03	.400502E-03
3241	-.391182E-02	-.317577E-01	-.253674E-01	.212206E-02	-.608731E-03	.551463E-03
3242	-.358761E-02	-.311212E-01	-.254321E-01	.219135E-02	-.312776E-03	.619907E-03
3243	-.337125E-02	-.305680E-01	-.252794E-01	.219524E-02	-.218499E-03	.513748E-03
3244	-.318946E-02	-.301145E-01	-.251339E-01	.219084E-02	-.914065E-04	.427261E-03
3245	-.302849E-02	-.297508E-01	-.249733E-01	.217865E-02	-.629867E-05	.349994E-03
3246	-.287949E-02	-.294589E-01	-.247882E-01	.215922E-02	.776759E-04	.295746E-03
3247	-.273839E-02	-.292162E-01	-.245756E-01	.213131E-02	.170654E-03	.267828E-03
3248	-.260485E-02	-.290008E-01	-.243331E-01	.209626E-02	.263236E-03	.261552E-03
3249	-.248111E-02	-.287952E-01	-.240584E-01	.205566E-02	.350332E-03	.271312E-03
3250	-.237097E-02	-.285865E-01	-.237504E-01	.201013E-02	.431926E-03	.292305E-03
3251	-.227841E-02	-.283669E-01	-.234088E-01	.196019E-02	.508412E-03	.312861E-03
3252	-.220710E-02	-.281329E-01	-.230340E-01	.190659E-02	.579789E-03	.349208E-03
3253	-.215887E-02	-.278854E-01	-.226275E-01	.185026E-02	.646033E-03	.375545E-03
3254	-.213304E-02	-.276294E-01	-.221913E-01	.179224E-02	.707164E-03	.394122E-03
3255	-.212554E-02	-.273727E-01	-.217279E-01	.173376E-02	.763214E-03	.400301E-03
3256	-.212839E-02	-.271259E-01	-.212404E-01	.167624E-02	.814222E-03	.389630E-03
3257	-.212889E-02	-.269008E-01	-.207320E-01	.162135E-02	.860233E-03	.357949E-03
3258	-.210971E-02	-.267098E-01	-.202060E-01	.157099E-02	.901292E-03	.301552E-03
3259	-.204883E-02	-.265640E-01	-.196656E-01	.152722E-02	.937507E-03	.217419E-03
3260	-.192000E-02	-.264733E-01	-.191137E-01	.149185E-02	.969209E-03	.103590E-03
3261	-.169386E-02	-.264433E-01	-.185527E-01	.146759E-02	.996112E-03	-.404236E-04
3262	-.133989E-02	-.264749E-01	-.179846E-01	.145329E-02	.101926E-02	-.211808E-03
3263	-.830579E-03	-.265610E-01	-.174129E-01	.142273E-02	.105105E-02	-.399562E-03
3264	-.145426E-03	-.266853E-01	-.168437E-01	.136713E-02	.109332E-02	-.593540E-03
3265	.684907E-03	-.267500E-01	-.161705E-01	.926532E-03	.119032E-02	-.601617E-03
3266	.158282E-02	-.268080E-01	-.153912E-01	.987710E-03	.112253E-02	-.413442E-03
3267	.231992E-02	-.267425E-01	-.144668E-01	.966573E-03	.108202E-02	-.249106E-03
3268	.288926E-02	-.265693E-01	-.134006E-01	.104361E-02	.103331E-02	-.129341E-03
3269	.330920E-02	-.263054E-01	-.121873E-01	.111052E-02	.993795E-03	-.568302E-04
3270	.361473E-02	-.259583E-01	-.108207E-01	.111342E-02	.953877E-03	-.30325E-04
3271	.384388E-02	-.255183E-01	-.929786E-02	.108087E-02	.899973E-03	-.430293E-04
3272	.401763E-02	-.249557E-01	-.762399E-02	.103576E-02	.822317E-03	-.806875E-04
3273	.410972E-02	-.242341E-01	-.582309E-02	.976277E-03	.704156E-03	-.123419E-03
3274	.402174E-02	-.233474E-01	-.395527E-02	.916379E-03	.537364E-03	-.149280E-03
3275	.359975E-02	-.223535E-01	-.213786E-02	.884395E-03	.345997E-03	-.144492E-03
3276	.271195E-02	-.213967E-01	-.557622E-03	.888344E-03	.173817E-03	-.117775E-03
3277	.133683E-02	-.206057E-01	.542344E-03	.900235E-03	.565927E-04	-.103066E-03
3278	-.445735E-03	-.200052E-01	.899709E-03	.882060E-03	-.917557E-05	-.127933E-03
3279	-.253542E-02	-.196824E-01	.246209E-03	.828442E-03	-.704449E-04	-.123136E-03
3280	-.441683E-02	-.204786E-01	-.175702E-02	.763533E-03	-.208551E-03	.183610E-03



WRAI 90 DEGR. ELBOW WITH GROOVE PLATE MODEL 12.2367 86/12/16 CP= 1713.5c9

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3281	-.467586E-02	-.227597E-01	-.490322E-02	.757880E-03	-.431454E-03	.516133E-03
3282	-.343226E-02	-.249943E-01	-.827175E-02	.917318E-03	-.644055E-03	.472210E-03
3283	-.213246E-02	-.263327E-01	-.113932E-01	.121391E-02	-.756650E-03	.213751E-03
3284	-.163210E-02	-.270295E-01	-.141481E-01	.146182E-02	-.751984E-03	-.105033E-03
3285	-.198675E-02	-.275951E-01	-.165548E-01	.155984E-02	-.719213E-03	-.378518E-03
3286	-.281505E-02	-.283219E-01	-.186424E-01	.161618E-02	-.708431E-03	-.559153E-03
3287	-.371468E-02	-.292343E-01	-.204208E-01	.168547E-02	-.710333E-03	-.640872E-03
3288	-.444221E-02	-.302231E-01	-.218944E-01	.176612E-02	-.711395E-03	-.642464E-03
3289	-.490638E-02	-.311586E-01	-.230742E-01	.185191E-02	-.699958E-03	-.583133E-03
3290	-.510624E-02	-.319350E-01	-.239806E-01	.193360E-02	-.672808E-03	-.474689E-03
3291	-.508247E-02	-.324776E-01	-.246404E-01	.200275E-02	-.634669E-03	-.323059E-03
3292	-.489151E-02	-.327383E-01	-.250826E-01	.205836E-02	-.586691E-03	-.130731E-03
3293	-.459398E-02	-.326948E-01	-.253362E-01	.210963E-02	-.507380E-03	.100475E-03
3294	-.424943E-02	-.323545E-01	-.254304E-01	.213920E-02	-.452074E-03	.345507E-03
3301	-.389422E-02	-.295114E-01	-.259293E-01	.215346E-02	-.413745E-04	.685127E-03
3302	-.344641E-02	-.289058E-01	-.257650E-01	.215274E-02	-.373801E-04	.746019E-03
3303	-.311733E-02	-.283340E-01	-.256487E-01	.215360E-02	-.354073E-04	.556242E-03
3304	-.281944E-02	-.279004E-01	-.254971E-01	.215377E-02	-.238641E-03	.359032E-03
3305	-.253993E-02	-.275733E-01	-.253231E-01	.215261E-02	-.356716E-03	.219285E-03
3306	-.227091E-02	-.273187E-01	-.251299E-01	.215098E-02	-.456749E-03	.121613E-03
3307	-.200925E-02	-.271076E-01	-.249117E-01	.214853E-02	-.563185E-03	.515367E-04
3308	-.175559E-02	-.269166E-01	-.246626E-01	.214529E-02	-.674612E-03	.331122E-03
3309	-.151318E-02	-.267275E-01	-.244791E-01	.214131E-02	-.787062E-03	.267762E-04
3310	-.128687E-02	-.265268E-01	-.240588E-01	.213667E-02	-.899187E-03	.431531E-04
3311	-.108208E-02	-.263059E-01	-.237008E-01	.213121E-02	-.100996E-02	.505215E-04
3312	-.903741E-03	-.260608E-01	-.233046E-01	.212504E-02	-.111806E-02	.535570E-04
3313	-.755211E-03	-.257922E-01	-.228724E-01	.211810E-02	-.122197E-02	.568821E-04
3314	-.637382E-03	-.255046E-01	-.224085E-01	.211035E-02	-.132009E-02	.650137E-04
3315	-.547815E-03	-.252059E-01	-.219103E-01	.210174E-02	-.141063E-02	.823027E-04
3316	-.480041E-03	-.249066E-01	-.213879E-01	.209233E-02	-.149167E-02	.112896E-03
3317	-.423010E-03	-.246189E-01	-.208441E-01	.208178E-02	-.156126E-02	.160710E-03
3318	-.360716E-03	-.243557E-01	-.202837E-01	.207031E-02	-.161752E-02	.229423E-03
3319	-.272052E-03	-.241295E-01	-.197113E-01	.205772E-02	-.165893E-02	.322464E-03
3320	-.130913E-03	-.239516E-01	-.191308E-01	.204553E-02	-.168481E-02	.443012E-03
3321	.933112E-04	-.238306E-01	-.185453E-01	.203901E-02	-.169579E-02	.593862E-03
3322	.434778E-03	-.237214E-01	-.179556E-01	.203140E-02	-.169821E-02	.778623E-03
3323	.29470E-03	-.237749E-01	-.175586E-01	.202458E-02	-.169969E-02	.999047E-03
3324	.161005E-02	-.238356E-01	-.167459E-01	.202662E-02	-.147035E-02	.116227E-02
3325	.244767E-02	-.237918E-01	-.162080E-01	.202425E-02	-.136050E-02	.113441E-02
3326	.330265E-02	-.237701E-01	-.153625E-01	.202314E-02	-.151529E-02	.935871E-03
3327	.394782E-02	-.236090E-01	-.143987E-01	.230029E-03	-.156572E-02	.77179E-03
3328	.440518E-02	-.233411E-01	-.132975E-01	.373859E-03	-.157537E-02	.661660E-03
3329	.470921E-02	-.229888E-01	-.120507E-01	.572955E-03	-.154881E-02	.599913E-03
3330	.490498E-02	-.225605E-01	-.106517E-01	.865447E-03	-.147226E-02	.575432E-03

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2367 86/12/16 CP= 1713.589

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3331	.504401E-02	-.220122E-01	-.909449E-02	.119239E-02	-.133909E-02	-.574482E-03
3332	.515764E-02	-.213943E-01	-.737747E-02	.147576E-02	-.117061E-02	-.584393E-03
3333	.521785E-02	-.205655E-01	-.551494E-02	.169561E-02	-.995601E-03	-.585733E-03
3334	.510390E-02	-.195355E-01	-.355955E-02	.187289E-02	-.826909E-03	-.552278E-03
3335	.461676E-02	-.183732E-01	-.163156E-02	.203063E-02	-.653977E-03	-.464958E-03
3336	.356981E-02	-.172552E-01	.627831E-04	.216553E-02	-.653888E-03	-.332609E-03
3337	.191252E-02	-.163799E-01	.125037E-02	.225216E-02	-.204215E-03	-.198916E-03
3338	-.245694E-03	-.158210E-01	.165083E-02	.226885E-02	.112318E-03	-.938273E-04
3339	-.274125E-02	-.156305E-01	.999892E-03	.221369E-02	.503141E-03	.542199E-04
3340	-.501240E-02	-.165897E-01	-.108838E-02	.218482E-02	.664969E-03	.461879E-03
3341	-.554788E-02	-.190554E-01	-.443084E-02	.223212E-02	.778375E-03	.886763E-03
3342	-.645931E-02	-.214520E-01	-.798002E-02	.197323E-02	.122333E-02	.990584E-03
3343	-.352133E-02	-.229137E-01	-.112004E-01	.155979E-02	.168211E-02	.846937E-03
3344	-.298104E-02	-.237513E-01	-.140150E-01	.117990E-02	.201281E-02	.592594E-03
3345	-.341252E-02	-.244853E-01	-.164869E-01	.807050E-03	.219726E-02	.359939E-03
3346	-.420566E-02	-.253760E-01	-.186602E-01	.318043E-03	.220049E-02	.183086E-03
3347	-.498504E-02	-.264243E-01	-.205396E-01	-.169484E-03	.205024E-02	.598137E-04
3348	-.554642E-02	-.275187E-01	-.221185E-01	-.569723E-03	.181855E-02	-.116157E-04
3349	-.582814E-02	-.285381E-01	-.233982E-01	-.874623E-03	.155459E-02	-.367995E-04
3350	-.584728E-02	-.293885E-01	-.243922E-01	-.110061E-02	.128189E-02	-.202864E-04
3351	-.565342E-02	-.300047E-01	-.251225E-01	-.126414E-02	.101188E-02	.375138E-04
3352	-.530530E-02	-.303637E-01	-.256157E-01	-.137912E-02	.749399E-03	.138373E-03
3353	-.486099E-02	-.303796E-01	-.258992E-01	-.145833E-02	.491862E-03	.283952E-03
3354	-.437393E-02	-.300997E-01	-.260013E-01	-.149514E-02	.294110E-03	.496060E-03
3361	-.383235E-02	-.236281E-01	-.254854E-01	.216842E-02	-.538692E-03	.418337E-03
3362	-.313727E-02	-.230019E-01	-.253236E-01	.216700E-02	-.566649E-03	.528559E-03
3363	-.255412E-02	-.225294E-01	-.249999E-01	.217036E-02	-.381921E-03	.390369E-03
3364	-.200175E-02	-.221771E-01	-.247393E-01	.218741E-02	-.171651E-03	.340731E-03
3365	-.146686E-02	-.219057E-01	-.245039E-01	.215782E-02	-.287824E-04	.310516E-03
3366	-.943095E-03	-.216876E-01	-.242668E-01	.214268E-02	.837534E-04	.299587E-03
3367	-.428562E-03	-.215000E-01	-.240138E-01	.212050E-02	.184341E-03	.311481E-03
3368	.749263E-04	-.213223E-01	-.237340E-01	.209136E-02	.273363E-03	.343829E-03
3369	.562487E-03	-.211370E-01	-.234181E-01	.205593E-02	.350580E-03	.392385E-03
3370	.102726E-02	-.209309E-01	-.230592E-01	.201452E-02	.417874E-03	.452819E-03
3371	.146156E-02	-.206951E-01	-.226531E-01	.196744E-02	.477306E-03	.520713E-03
3372	.185800E-02	-.204250E-01	-.221982E-01	.191503E-02	.530760E-03	.591625E-03
3373	.221040E-02	-.201204E-01	-.218957E-01	.185786E-02	.580116E-03	.661288E-03
3374	.251472E-02	-.197846E-01	-.211486E-01	.179622E-02	.627238E-03	.725673E-03
3375	.276976E-02	-.194239E-01	-.205620E-01	.173062E-02	.673949E-03	.780995E-03
3376	.297761E-02	-.190471E-01	-.199422E-01	.168154E-02	.722048E-03	.825714E-03
3377	.314511E-02	-.186645E-01	-.192967E-01	.158939E-02	.773360E-03	.850547E-03
3378	.328229E-02	-.182875E-01	-.186338E-01	.151446E-02	.829810E-03	.858470E-03
3379	.340455E-02	-.179274E-01	-.179616E-01	.143667E-02	.893548E-03	.844788E-03
3380	.353186E-02	-.175949E-01	-.172882E-01	.135518E-02	.967130E-03	.807028E-03

SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12 2369 86/12/16 CP= 2713.650

DISPLACEMENT SOLUTION  $NRMS = 0.$  LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3381	.368913E-02	-.172993E-01	-.166209E-01	.126797E-02	.105371E-02	.742879E-03
3382	.390636E-02	-.170475E-01	-.159664E-01	.116517E-02	.116026E-02	.651515E-03
3383	.421969E-02	-.168834E-01	-.153316E-01	.103984E-02	.129151E-02	.528393E-03
3384	.467409E-02	-.166874E-01	-.147235E-01	.116674E-02	.134775E-02	.304841E-03
3385	.525676E-02	-.165740E-01	-.140050E-01	.130359E-02	.133262E-02	.253476E-03
3386	.587858E-02	-.163600E-01	-.131974E-01	.901768E-03	.136412E-02	.410907E-03
3387	.634540E-02	-.160665E-01	-.122276E-01	.841266E-03	.130475E-02	.504923E-03
3388	.662956E-02	-.156965E-01	-.111080E-01	.814557E-03	.124831E-02	.566364E-03
3389	.673932E-02	-.152649E-01	-.984417E-02	.745862E-03	.121187E-02	.580428E-03
3390	.672500E-02	-.147803E-01	-.843806E-02	.589100E-03	.118753E-02	.531305E-03
3391	.666464E-02	-.142258E-01	-.688096E-02	.388017E-03	.115938E-02	.415245E-03
3392	.662548E-02	-.135480E-01	-.515178E-02	.211552E-03	.111948E-02	.254652E-03
3393	.660268E-02	-.126701E-01	-.322997E-02	.834245E-04	.105438E-02	.886117E-04
3394	.646065E-02	-.115441E-01	-.113461E-02	.536217E-06	.940853E-03	-.403229E-04
3395	.593275E-02	-.102344E-01	-.101522E-02	-.421060E-04	.763189E-03	-.100131E-03
3396	.473613E-02	-.896988E-02	.295715E-02	-.506276E-04	.531581E-03	-.877950E-04
3397	.276502E-02	-.807591E-02	.431895E-02	-.443306E-04	.271640E-03	-.410732E-04
3398	.198641E-02	-.779503E-02	.473592E-02	-.482085E-04	-.866316E-05	-.212908E-04
3399	-.258260E-02	-.820540E-02	.393893E-02	-.636449E-04	-.328666E-03	-.339180E-04
3400	-.492009E-02	-.962499E-02	.157581E-02	-.335755E-04	-.845326E-03	-.810522E-04
3401	-.566820E-02	-.119254E-01	-.206053E-02	.728071E-04	-.130766E-02	.159194E-03
3402	-.511157E-02	-.139482E-01	-.576687E-02	.267641E-03	-.151064E-02	-.621862E-04
3403	-.461869E-02	-.152261E-01	-.900642E-02	.512118E-03	-.153058E-02	-.416623E-03
3404	-.484537E-02	-.161117E-01	-.118262E-01	.577377E-03	-.143445E-02	-.769347E-03
3405	-.565927E-02	-.170369E-01	-.143972E-01	.619210E-03	-.134874E-02	-.105506E-02
3406	-.661443E-02	-.181684E-01	-.167866E-01	.847735E-03	-.124865E-02	-.120607E-02
3407	-.735967E-02	-.194483E-01	-.189625E-01	.115567E-02	-.111165E-02	-.122137E-02
3408	-.774467E-02	-.207430E-01	-.208682E-01	.143591E-02	-.961735E-03	-.114603E-02
3409	-.776063E-02	-.219312E-01	-.224641E-01	.165786E-02	-.821690E-03	-.101618E-02
3410	-.746311E-02	-.229253E-01	-.237339E-01	.182505E-02	-.703563E-03	-.848501E-03
3411	-.692699E-02	-.236653E-01	-.246779E-01	.194775E-02	-.614221E-03	-.648201E-03
3412	-.622847E-02	-.241140E-01	-.253058E-01	.203604E-02	-.556583E-03	-.416498E-03
3413	-.543953E-02	-.242539E-01	-.256353E-01	.209922E-02	-.526713E-03	-.154438E-03
3414	-.462424E-02	-.240880E-01	-.256891E-01	.213310E-02	-.554582E-03	-.117512E-03
3421	-.222004E-02	-.908464E-02	-.171109E-01	-.268758E-03	-.395147E-03	.493953E-03
3422	-.194476E-02	-.862927E-02	-.167033E-01	-.280376E-03	-.422720E-03	.475548E-03
3423	-.177721E-02	-.824278E-02	-.163509E-01	-.284045E-03	-.341765E-03	.368901E-03
3424	-.163938E-02	-.796358E-02	-.160173E-01	-.285769E-03	-.294795E-03	.235564E-03
3425	-.151742E-02	-.778253E-02	-.157604E-01	-.284319E-03	-.250367E-03	.118686E-03
3426	-.140107E-02	-.768001E-02	-.155471E-01	-.280175E-03	-.224465E-03	.298668E-04
3427	-.128578E-02	-.763190E-02	-.153549E-01	-.273047E-03	-.221492E-03	-.347481E-04
3428	-.117195E-02	-.761642E-02	-.151632E-01	-.262989E-03	-.236954E-03	-.765043E-04
3429	-.106325E-02	-.761823E-02	-.149559E-01	-.250129E-03	-.266310E-03	-.100965E-03
3430	-.965348E-03	-.761857E-02	-.147215E-01	-.234453E-03	-.305878E-03	-.112644E-03



SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2369 86/12/16 CP= 1713.710

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3431	-.884713E-03	-.761502E-02	-.144525E-01	-.216019E-03	-.351860E-03	-.115648E-03
3432	-.827480E-03	-.760109E-02	-.141451E-01	-.194979E-03	-.400488E-03	-.113649E-03
3433	-.798507E-03	-.757574E-02	-.137995E-01	-.171474E-03	-.448297E-03	-.110009E-03
3434	-.800569E-03	-.754083E-02	-.134185E-01	-.145597E-03	-.492137E-03	-.107856E-03
3435	-.833678E-03	-.750059E-02	-.130077E-01	-.117375E-03	-.529114E-03	-.110113E-03
3436	-.894525E-03	-.746106E-02	-.125743E-01	-.867569E-04	-.556557E-03	-.119523E-03
3437	-.976037E-03	-.742945E-02	-.121269E-01	-.536166E-04	-.571987E-03	-.138654E-03
3438	-.106706E-02	-.741359E-02	-.116748E-01	-.178115E-04	-.573068E-03	-.169837E-03
3439	-.115222E-02	-.742124E-02	-.112273E-01	-.206124E-04	-.557540E-03	-.215008E-03
3440	-.121193E-02	-.745935E-02	-.107929E-01	.609051E-04	-.523123E-03	-.275381E-03
3441	-.122283E-02	-.753332E-02	-.103788E-01	.100159E-03	-.467226E-03	-.350718E-03
3442	-.115860E-02	-.764624E-02	-.998993E-02	.134828E-03	-.388444E-03	-.440013E-03
3443	-.992190E-03	-.779816E-02	-.962731E-02	.146315E-03	-.282777E-03	-.535153E-03
3444	-.699807E-03	-.798665E-02	-.928567E-02	.111258E-03	-.149282E-03	-.627763E-03
3445	-.275554E-03	-.816783E-02	-.893965E-02	.388374E-03	-.164303E-03	-.684443E-03
3446	.155292E-03	-.839306E-02	-.846774E-02	.165115E-03	-.178213E-03	-.525345E-03
3447	.456258E-03	-.857983E-02	-.789454E-02	.662530E-04	-.230125E-03	-.430650E-03
3448	.625805E-03	-.874972E-02	-.721666E-02	-.134991E-05	-.253852E-03	-.363210E-03
3449	.698396E-03	-.891459E-02	-.644114E-02	-.316267E-04	-.244937E-03	-.338752E-03
3450	.751240E-03	-.907218E-02	-.556674E-02	.265778E-04	-.187133E-03	-.357303E-03
3451	.899419E-03	-.918952E-02	-.456765E-02	.144240E-03	-.700922E-04	-.409341E-03
3452	.125948E-02	-.918713E-02	-.338050E-02	.261874E-03	.897280E-04	-.484785E-03
3453	.186960E-02	-.894426E-02	-.191446E-02	.353696E-03	.251706E-03	-.559294E-03
3454	.259184E-02	-.835212E-02	-.109218E-03	.420316E-03	.365183E-03	-.590887E-03
3455	.308375E-02	-.741379E-02	-.196118E-02	.468866E-03	.390707E-03	-.540897E-03
3456	.293082E-02	-.632407E-02	-.400675E-02	.503651E-03	.322609E-03	-.404961E-03
3457	.190983E-02	-.541990E-02	-.557319E-02	.529402E-03	.201642E-03	-.224113E-03
3458	.168369E-03	-.498377E-02	-.624214E-02	.552303E-03	.921014E-04	-.483026E-04
3459	-.184280E-02	-.515152E-02	.572212E-02	.568361E-03	-.267002E-04	.146320E-03
3460	-.320715E-02	-.627536E-02	.347908E-02	.557732E-03	-.298325E-03	.527713E-03
3461	-.252076E-02	-.811839E-02	-.198634E-03	.483560E-03	-.478592E-03	.865658E-03
3462	-.476292E-03	-.934079E-02	-.359734E-02	.312927E-03	-.286067E-03	.677548E-03
3463	.104756E-02	-.952630E-02	-.604937E-02	.122884E-03	.599338E-04	.679334E-03
3464	.131575E-02	-.919272E-02	-.788997E-02	.178508E-03	.374444E-03	.416816E-03
3465	.624246E-03	-.887132E-02	-.953703E-02	.319163E-03	.626159E-03	.246438E-03
3466	-.441999E-03	-.877708E-02	-.111512E-01	.309041E-03	.767090E-03	.152522E-03
3467	-.146342E-02	-.889891E-02	-.127059E-01	.201226E-03	.793679E-03	.891363E-04
3468	-.225379E-02	-.915125E-02	-.141239E-01	.801460E-04	.745789E-03	.453637E-04
3469	-.277177E-02	-.944831E-02	-.153421E-01	-.218196E-04	.655640E-03	.235152E-04
3470	-.303764E-02	-.971934E-02	-.165196E-01	-.100331E-03	.538958E-03	.284335E-04
3471	-.309286E-02	-.990614E-02	-.170306E-01	-.158512E-03	.393283E-03	.651552E-04
3472	-.298649E-02	-.996134E-02	-.174605E-01	-.200749E-03	.224400E-03	.136714E-03
3473	-.277049E-02	-.985082E-02	-.178044E-01	-.252128E-03	.268968E-04	.241284E-03
3474	-.249739E-02	-.955759E-02	-.174704E-01	-.251452E-03	-.183741E-03	.382353E-03

SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL 12.2369 86/12/16 CP= 1713.770

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. UZ LOAD STEP= 1 ITERATION= 1 ROTX ROTY CUM. IITER.= 1  
 MODE UX UY

NOTE - ALL DISPLACEMENTS ARE IN MODAL COORDINATE SYSTEMS. SOME MODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3481	-.269046E-02	-.780146E-02	-.186797E-01	.19129E-03	-.615947E-03	-.179782E-03
3482	-.200762E-02	-.752263E-02	-.182182E-01	-.227110E-03	-.561240E-03	-.369856E-03
3483	-.162470E-02	-.727594E-02	-.177884E-01	-.217817E-03	-.382603E-03	-.242848E-03
3484	-.668237E-03	-.712160E-02	-.174718E-01	-.210350E-03	-.272343E-03	-.113112E-03
3485	-.324533E-03	-.702900E-02	-.172208E-01	-.204430E-03	-.195394E-03	-.460121E-04
3486	-.212076E-03	-.697155E-02	-.169969E-01	-.199476E-03	-.148448E-03	-.107274E-04
3487	-.747550E-03	-.693129E-02	-.167713E-01	-.196163E-03	-.128872E-03	-.846251E-05
3488	-.126033E-02	-.689522E-02	-.165215E-01	-.194348E-03	-.131848E-03	-.167909E-04
3489	-.166201E-02	-.685388E-02	-.162308E-01	-.194676E-03	-.151916E-03	-.171622E-04
3490	-.22888E-02	-.680081E-02	-.158878E-01	-.194857E-03	-.183380E-03	-.119258E-04
3491	-.268301E-02	-.673217E-02	-.154866E-01	-.195944E-03	-.223244E-03	-.315563E-05
3492	-.308499E-02	-.666435E-02	-.150254E-01	-.197269E-03	-.264300E-03	-.723315E-05
3493	-.344459E-02	-.654364E-02	-.145063E-01	-.198646E-03	-.306040E-03	-.175712E-04
3494	-.375190E-02	-.642591E-02	-.139343E-01	-.199980E-03	-.344346E-03	-.261998E-04
3495	-.400688E-02	-.629633E-02	-.133169E-01	-.201192E-03	-.376235E-03	-.316017E-04
3496	-.421085E-02	-.615908E-02	-.126639E-01	-.202474E-03	-.398871E-03	-.322138E-04
3497	-.436847E-02	-.601909E-02	-.119861E-01	-.204215E-03	-.409525E-03	-.263242E-04
3498	-.448248E-02	-.588181E-02	-.112956E-01	-.207375E-03	-.405585E-03	-.118793E-04
3499	-.458295E-02	-.575295E-02	-.106044E-01	-.214051E-03	-.384641E-03	-.138336E-04
3500	-.467011E-02	-.563830E-02	-.992435E-02	-.228650E-03	-.344663E-03	-.546797E-04
3501	-.474730E-02	-.553356E-02	-.926816E-02	-.260500E-03	-.284478E-03	-.116617E-03
3502	-.481759E-02	-.547400E-02	-.863878E-02	-.323395E-03	-.203319E-03	-.207260E-03
3503	-.514019E-02	-.543415E-02	-.804882E-02	-.459930E-03	-.103973E-03	-.340913E-03
3504	-.547988E-02	-.542304E-02	-.750164E-02	-.395098E-03	-.795124E-04	-.409831E-03
3505	-.591304E-02	-.536319E-02	-.697347E-02	-.309266E-03	-.165187E-03	-.262328E-03
3506	-.630701E-02	-.533167E-02	-.625167E-02	-.657970E-03	-.105648E-03	-.422699E-03
3507	-.650555E-02	-.526479E-02	-.588600E-02	-.780236E-03	-.201627E-03	-.389131E-03
3508	-.652365E-02	-.516677E-02	-.481039E-02	-.940385E-03	-.250389E-03	-.376332E-03
3509	-.640417E-02	-.504731E-02	-.33329E-02	-.108274E-02	-.236474E-03	-.383517E-03
3510	-.62334E-02	-.490402E-02	-.215896E-02	-.115401E-02	-.157256E-03	-.420483E-03
3511	-.612351E-02	-.470979E-02	-.856681E-03	-.115744E-02	-.291526E-04	-.493642E-03
3512	-.615590E-02	-.440770E-02	-.643439E-03	-.112716E-02	-.115274E-03	-.587060E-03
3513	-.629985E-02	-.392749E-02	-.24221E-02	-.108643E-02	-.232199E-03	-.667033E-03
3514	-.635208E-02	-.323099E-02	-.449750E-02	-.104763E-02	-.276281E-03	-.694893E-03
3515	-.596670E-02	-.23245E-02	-.67227E-02	-.101790E-02	-.233468E-03	-.642469E-03
3516	-.481973E-02	-.152434E-02	-.875481E-02	-.100098E-02	-.132582E-03	-.506692E-03
3517	-.282494E-02	-.91607E-03	-.101726E-01	-.996511E-03	-.381575E-04	-.308237E-03
3518	-.202734E-03	-.709116E-03	-.106661E-01	-.944750E-03	-.549559E-05	-.817137E-04
3519	-.264014E-03	-.97976E-03	-.100584E-01	-.983649E-03	-.367398E-04	-.156321E-03
3520	-.496822E-02	-.195935E-02	-.783259E-02	-.933480E-03	-.265336E-03	-.559272E-03
3521	-.547300E-02	-.348356E-02	-.411762E-02	-.922899E-03	-.529748E-03	-.816232E-03
3522	-.451994E-02	-.463087E-02	-.497998E-03	-.107728E-02	-.490281E-03	-.704864E-03
3523	-.175913E-02	-.217926E-02	-.23143E-02	-.113114E-02	-.216902E-03	-.218039E-03
3524	-.382622E-02	-.537266E-02	-.462501E-02	-.870501E-03	-.115187E-03	-.329333E-03



SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.2369 86/12/16 CP= 1713.828

DISPLACEMENT SOLUTION \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1  
 NODE UX UY UZ ROTX ROTY ROTZ

NOTE - ALL DISPLACEMENTS ARE IN NODAL COORDINATE SYSTEMS. SOME NODAL COORD. SYSTEMS MAY NOT BE PARALLEL TO THE GLOBAL CARTESIAN SYSTEM. SEE NODE LOCATION PRINTOUT FOR ROTATION ANGLES.

3525	-.459290E-02	-.554502E-02	-.685266E-02	.507827E-03	.337828E-03	-.116826E-03
3526	-.551052E-02	-.583981E-02	-.912541E-02	.303614E-03	.440934E-03	-.571176E-04
3527	-.621308E-02	-.624841E-02	-.113633E-01	.235828E-03	.473605E-03	-.154304E-03
3528	-.655855E-02	-.670874E-02	-.134362E-01	.226748E-03	.464429E-03	-.189793E-03
3529	-.654784E-02	-.716041E-02	-.152441E-01	.233293E-03	.425300E-03	-.187753E-03
3530	-.624201E-02	-.755840E-02	-.167287E-01	.239455E-03	.358375E-03	-.162311E-03
3531	-.571486E-02	-.786939E-02	-.178593E-01	.240845E-03	.259340E-03	-.117146E-03
3532	-.503583E-02	-.806661E-02	-.186191E-01	.237818E-03	.122747E-03	-.492093E-04
3533	-.426846E-02	-.812820E-02	-.190035E-01	.234005E-03	-.485961E-04	.495696E-04
3534	-.347074E-02	-.803847E-02	-.190234E-01	.230108E-03	-.251464E-03	.182182E-03
3541	-.137321E-02	-.260648E-02	-.886756E-02	.108240E-02	-.304420E-03	.130597E-03
3542	-.985069E-03	-.244270E-02	-.861704E-02	.995837E-03	-.389214E-03	-.148943E-03
3543	-.651806E-03	-.243078E-02	-.838246E-02	.979160E-03	-.238850E-03	-.152398E-03
3544	-.331699E-03	-.243366E-02	-.823619E-02	.963854E-03	-.119860E-03	-.394696E-04
3545	-.163942E-04	-.244246E-02	-.813147E-02	.949295E-03	-.553961E-04	.266478E-04
3546	.296399E-03	-.245606E-02	-.803769E-02	.936242E-03	-.215520E-04	.742446E-04
3547	.605942E-03	-.247298E-02	-.793646E-02	.923381E-03	-.495855E-05	.114758E-03
3548	.910020E-03	-.249203E-02	-.781677E-02	.909771E-03	.104261E-05	.151133E-03
3549	.120561E-02	-.251223E-02	-.767168E-02	.894803E-03	-.458506E-06	.184429E-03
3550	.148919E-02	-.253282E-02	-.749661E-02	.878043E-03	-.757713E-05	.215161E-03
3551	.175708E-02	-.255321E-02	-.728917E-02	.859194E-03	-.183008E-04	.243526E-03
3552	.200587E-02	-.257296E-02	-.704878E-02	.838032E-03	-.509332E-04	.269640E-03
3553	.223262E-02	-.259182E-02	-.677654E-02	.814372E-03	-.439460E-04	.293646E-03
3554	.243516E-02	-.260959E-02	-.647492E-02	.788006E-03	-.559205E-04	.315769E-03
3555	.261228E-02	-.262619E-02	-.614749E-02	.758615E-03	-.654461E-04	.336379E-03
3556	.276397E-02	-.264160E-02	-.579875E-02	.725634E-03	-.710349E-04	.356063E-03
3557	.289160E-02	-.265580E-02	-.543388E-02	.688054E-03	-.710264E-04	.375701E-03
3558	.299820E-02	-.266878E-02	-.505863E-02	.644109E-03	-.654587E-04	.396565E-03
3559	.308879E-02	-.268050E-02	-.467909E-02	.590750E-03	-.658755E-04	.420466E-03
3560	.317083E-02	-.269080E-02	-.430161E-02	.522771E-03	-.150162E-04	.449928E-03
3561	.325490E-02	-.269936E-02	-.393267E-02	.431018E-03	.337504E-04	.488601E-03
3562	.335603E-02	-.270571E-02	-.357894E-02	.301726E-03	.107085E-03	.540301E-03
3563	.349571E-02	-.270926E-02	-.324722E-02	.106985E-03	.215149E-03	.612045E-03
3564	.370910E-02	-.271408E-02	-.294448E-02	.274071E-03	.323882E-03	.512952E-03
3565	.400492E-02	-.279719E-02	-.262141E-02	.901566E-03	.302366E-03	.373102E-03
3566	.429906E-02	-.279667E-02	-.221950E-02	.929016E-04	.293086E-03	.624355E-03
3567	.450021E-02	-.278487E-02	-.172800E-02	-.329683E-04	.249293E-03	.680044E-03
3568	.462867E-02	-.276564E-02	-.115412E-02	-.208762E-03	.248175E-03	.672914E-03
3569	.472907E-02	-.273291E-02	-.500574E-03	-.416259E-03	.279069E-03	.656736E-03
3570	.484068E-02	-.267412E-02	.248045E-03	-.618616E-03	.527901E-03	.614724E-03
3571	.498169E-02	-.257083E-02	.111550E-02	-.792887E-03	.382666E-03	.561531E-03
3572	.513622E-02	-.240133E-02	.214790E-02	-.931514E-03	.434691E-03	.517383E-03
3573	.523784E-02	-.214633E-02	.337787E-02	-.103848E-02	.473496E-03	.502028E-03
3574	.515262E-02	-.180073E-02	.480049E-02	-.113641E-02	.482489E-03	.517223E-03





SWRI 90 DEGREE ELBOW WITH GROOVE PLATE MODEL 12.2400 86/12/16 CP= 1714.730

ELEMENT STRESSES \*\*\*\*\* TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

EL= 1 NODES= 3601 3602 3542 3541 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -1.825 42.28 -66.26 PRESS= 1000.0 0.  
 MX,MY,MXY= -32.425 -184.89 52.764  
 TOP SX,SY,SXY,SZ= 6093.5 5215.2 109.52 0. SIG1,SIG2,SIG3= 6097.7 3211.0 -.11279E-07  
 S.I.= 6097.7 SIGE= 5283.2  
 MID SX,SY,SXY,SZ= 6261.9 4185.5 -164.43 -500.00 SIG1,SIG2,SIG3= 6274.8 4172.5 -500.00  
 S.I.= 6774.8 SIGE= 6006.3  
 BOT SX,SY,SXY,SZ= 6430.2 5155.8 -438.38 -1000.0 SIG1,SIG2,SIG3= 6566.4 5019.6 -1000.0  
 S.I.= 7566.4 SIGE= 6923.8

EL= 2 NODES= 3654 3601 3541 3594 MAT= 1 AREA= 21.5 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -2.894 42.30 -66.05 PRESS= 1000.0 0.  
 MX,MY,MXY= 119.23 -150.30 39.529  
 TOP SX,SY,SXY,SZ= 6874.9 3546.0 219.98 0. SIG1,SIG2,SIG3= 6889.4 3531.5 -.13165E-07  
 S.I.= 6889.4 SIGE= 5967.0  
 MID SX,SY,SXY,SZ= 6255.9 4326.4 14.745 -500.00 SIG1,SIG2,SIG3= 6256.0 4326.3 -500.00  
 S.I.= 6756.0 SIGE= 6027.4  
 BOT SX,SY,SXY,SZ= 5635.9 5106.7 -190.49 -1000.0 SIG1,SIG2,SIG3= 5698.2 5045.4 -1000.0  
 S.I.= 6698.2 SIGE= 6396.8

EL= 3 NODES= 3602 3603 3543 3542 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -8.762 42.26 -66.39 PRESS= 1000.0 0.  
 MX,MY,MXY= -284.75 -260.28 34.506  
 TOP SX,SY,SXY,SZ= 4731.6 2732.4 71.525 0. SIG1,SIG2,SIG3= 4734.1 2729.8 -.78334E-08  
 S.I.= 4734.1 SIGE= 4115.9  
 MID SX,SY,SXY,SZ= 6210.0 4083.8 -107.63 -500.00 SIG1,SIG2,SIG3= 6215.5 4078.4 -500.00  
 S.I.= 6715.5 SIGE= 5942.5  
 BOT SX,SY,SXY,SZ= 7688.5 5435.2 -286.79 -1000.0 SIG1,SIG2,SIG3= 7724.4 5399.2 -1000.0  
 S.I.= 8724.4 SIGE= 7825.3

EL= 4 NODES= 3603 3604 3544 3543 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= .8805E-01 42.26 -66.41 PRESS= 1000.0 0.  
 MX,MY,MXY= -238.13 -242.43 20.172  
 TOP SX,SY,SXY,SZ= 4988.6 2866.0 -116.71 0. SIG1,SIG2,SIG3= 4995.0 2859.6 -.83653E-08  
 S.I.= 4995.0 SIGE= 4340.9  
 MID SX,SY,SXY,SZ= 6225.0 4124.6 -221.44 -500.00 SIG1,SIG2,SIG3= 6248.1 4101.5 -500.00  
 S.I.= 6748.1 SIGE= 5971.5  
 BOT SX,SY,SXY,SZ= 7461.3 5383.3 -326.17 -1000.0 SIG1,SIG2,SIG3= 7511.3 5333.3 -1000.0  
 S.I.= 8511.3 SIGE= 7658.2

EL= 5 NODES= 3604 3605 3545 3544 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 1.052 42.26 -66.38 PRESS= 1000.0 0.  
 MX,MY,MXY= -151.78 -213.75 10.585  
 TOP SX,SY,SXY,SZ= 5449.4 3064.3 -289.44 0. SIG1,SIG2,SIG3= 5484.0 3029.7 -.96026E-08  
 S.I.= 5484.0 SIGE= 4758.0  
 MID SX,SY,SXY,SZ= 6237.4 4174.0 -344.39 -500.00 SIG1,SIG2,SIG3= 6293.4 4118.1 -500.00  
 S.I.= 6793.4 SIGE= 6008.7  
 BOT SX,SY,SXY,SZ= 7025.5 5283.8 -399.35 -1000.0 SIG1,SIG2,SIG3= 7112.7 5196.6 -1000.0  
 S.I.= 8112.7 SIGE= 7344.6

EL= 6 NODES= 3605 3606 3546 3545 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 2.012 42.27 -66.29 PRESS= 1000.0 0.  
 MX,MY,MXY= -104.14 -197.50 4.6226  
 TOP SX,SY,SXY,SZ= 5709.8 3207.0 -421.28 0. SIG1,SIG2,SIG3= 5778.8 3138.0 -.10325E-07  
 S.I.= 5778.8 SIGE= 5010.8  
 MID SX,SY,SXY,SZ= 6250.5 4232.5 -445.28 -500.00 SIG1,SIG2,SIG3= 6344.4 4138.6 -500.00  
 S.I.= 6844.4 SIGE= 6050.9



EL= 7	NODES= 3606 3607 3547 3546	MAT= 1	AREA= 16.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.956	42.29 -66.15	PRESS= 1000.0	0.		
MX, MY, MXY= -75.889	-187.54	1.0802			
TOP SX, SY, SKY, SZ= 5873.7	3330.0	-530.83	0.	SIG1, SIG2, SIG3= 5980.0	3223.7 -1.10747E-07
S.I.= 5980.0	SIGE= 5184.1				
MID SX, SY, SKY, SZ= 6267.7	4303.7	-536.44	-500.00	SIG1, SIG2, SIG3= 6404.7	4166.8 -500.00
S.I.= 6308.7	SIGE= 6101.7				
BOT SX, SY, SKY, SZ= 6661.7	5277.4	-542.05	-1000.0	SIG1, SIG2, SIG3= 6848.7	5090.4 -1000.0
S.I.= 7848.7	SIGE= 7134.0				
EL= 8	NODES= 3607 3608 3548 3547	MAT= 1	AREA= 16.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 3.904	42.32 -65.95	PRESS= 1000.0	0.		
MX, MY, MXY= -58.299	-181.00	-89912			
TOP SX, SY, SKY, SZ= 5987.4	3449.3	-626.69	0.	SIG1, SIG2, SIG3= 6133.7	3303.0 -1.11061E-07
S.I.= 6133.7	SIGE= 5317.2				
MID SX, SY, SKY, SZ= 6290.1	4389.1	-622.02	-500.00	SIG1, SIG2, SIG3= 6475.5	4203.6 -500.00
S.I.= 6975.5	SIGE= 6162.1				
BOT SX, SY, SKY, SZ= 6592.8	5328.8	-617.35	-1000.0	SIG1, SIG2, SIG3= 6844.3	5077.3 -1000.0
S.I.= 7848.3	SIGE= 7127.0				
EL= 9	NODES= 3608 3609 3549 3548	MAT= 1	AREA= 16.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 4.840	42.35 -65.70	PRESS= 1000.0	0.		
MX, MY, MXY= -45.744	-176.02	-1.8069			
TOP SX, SY, SKY, SZ= 6080.7	3574.9	-712.70	0.	SIG1, SIG2, SIG3= 6269.2	3386.4 -1.11298E-07
S.I.= 6269.2	SIGE= 5435.2				
MID SX, SY, SKY, SZ= 6318.2	4488.8	-703.32	-500.00	SIG1, SIG2, SIG3= 6557.4	4249.7 -500.00
S.I.= 7057.4	SIGE= 6232.6				
BOT SX, SY, SKY, SZ= 6555.7	5402.7	-693.93	-1000.0	SIG1, SIG2, SIG3= 6881.4	5077.0 -1000.0
S.I.= 7881.4	SIGE= 7152.0				
EL= 10	NODES= 3609 3610 3550 3549	MAT= 1	AREA= 16.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.753	42.39 -65.40	PRESS= 1000.0	0.		
MX, MY, MXY= -36.394	-171.94	-1.8975			
TOP SX, SY, SKY, SZ= 6163.5	3710.1	-790.30	0.	SIG1, SIG2, SIG3= 6396.1	3477.6 -1.11430E-07
S.I.= 6396.1	SIGE= 5548.2				
MID SX, SY, SKY, SZ= 6352.5	4602.8	-780.44	-500.00	SIG1, SIG2, SIG3= 6650.0	4305.3 -500.00
S.I.= 7150.0	SIGE= 6313.1				
BOT SX, SY, SKY, SZ= 6541.5	5495.5	-770.59	-1000.0	SIG1, SIG2, SIG3= 6949.8	5087.2 -1000.0
S.I.= 7949.8	SIGE= 7201.5				
EL= 11	NODES= 3610 3611 3551 3550	MAT= 1	AREA= 16.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 6.648	42.44 -65.05	PRESS= 1000.0	0.		
MX, MY, MXY= -29.936	-168.59	-1.3481			
TOP SX, SY, SKY, SZ= 6237.8	3855.4	-859.97	0.	SIG1, SIG2, SIG3= 6515.8	3577.5 -1.11524E-07
S.I.= 6515.8	SIGE= 5651.9				
MID SX, SY, SKY, SZ= 6393.2	4730.8	-852.97	-500.00	SIG1, SIG2, SIG3= 6753.0	4371.0 -500.00
S.I.= 7253.0	SIGE= 6403.4				
BOT SX, SY, SKY, SZ= 6548.7	5606.1	-845.97	-1000.0	SIG1, SIG2, SIG3= 7045.8	5109.0 -1000.0
S.I.= 8045.8	SIGE= 7273.4				
EL= 12	NODES= 3611 3612 3552 3551	MAT= 1	AREA= 16.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 7.520	42.44 -64.64	PRESS= 1000.0	0.		
MX, MY, MXY= -26.113	-165.81	-1.32828			
TOP SX, SY, SKY, SZ= 6305.0	4011.2	-921.98	0.	SIG1, SIG2, SIG3= 6629.6	3686.6 -1.11536E-07
S.I.= 6629.6	SIGE= 5753.5				
MID SX, SY, SKY, SZ= 6440.6	4872.1	-920.27	-500.00	SIG1, SIG2, SIG3= 6865.4	4447.2 -500.00
S.I.= 7365.4	SIGE= 6502.8				
BOT SX, SY, SKY, SZ= 6576.2	5732.9	-918.57	-1000.0	SIG1, SIG2, SIG3= 7165.3	5143.8 -1000.0
S.I.= 8165.3	SIGE= 7365.6				
EL= 13	NODES= 3612 3613 3553 3552	MAT= 1	AREA= 16.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 13	NODES= 3613 3614 3554 3553	MAT= 1	AREA= 16.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	8.566 42.55 -64.19	PRESS=	1000.0 0.		
MX, MY, MXY=	-24.609 -163.45 1.0028				
TOP SX, SY, SKY, SZ=	6765.8 4177.3 -976.45 0.	SIG1, SIG2, SIG3=	6739.0 3805.1 -.11468E-07		
S.I.=	6739.0 SIGE= 5852.4				
MID SX, SY, SKY, SZ=	6494.6 5025.9 -981.66 -500.00	SIG1, SIG2, SIG3=	6986.2 4534.3 -500.00		
S.I.=	7486.2 SIGE= 6610.5				
BOT SX, SY, SKY, SZ=	6622.3 5874.6 -986.86 -1000.0	SIG1, SIG2, SIG3=	7303.8 5193.1 -1000.0		
S.I.=	8303.8 SIGE= 7475.4				
EL= 14	NODES= 3613 3614 3554 3553	MAT= 1	AREA= 16.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.184 42.62 -63.68	PRESS=	1000.0 0.		
MX, MY, MXY=	-25.246 -161.44 2.5025				
TOP SX, SY, SKY, SZ=	6424.0 4353.1 -1023.4 0.	SIG1, SIG2, SIG3=	6844.4 3932.8 -.11366E-07		
S.I.=	6844.4 SIGE= 5949.4				
MID SX, SY, SKY, SZ=	6555.1 5191.3 -1036.3 -500.00	SIG1, SIG2, SIG3=	7113.8 4632.7 -500.00		
S.I.=	7613.8 SIGE= 6725.7				
BOT SX, SY, SKY, SZ=	6686.2 6029.5 -1049.3 -1000.0	SIG1, SIG2, SIG3=	7457.3 5258.3 -1000.0		
S.I.=	8457.3 SIGE= 7600.3				
EL= 15	NODES= 3614 3615 3555 3554	MAT= 1	AREA= 16.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.971 42.69 -63.14	PRESS=	1000.0 0.		
MX, MY, MXY=	-28.016 -159.74 4.0361				
TOP SX, SY, SKY, SZ=	6476.5 4537.7 -1062.6 0.	SIG1, SIG2, SIG3=	6945.5 4068.8 -.11228E-07		
S.I.=	6945.5 SIGE= 6044.4				
MID SX, SY, SKY, SZ=	6622.0 5367.1 -1083.6 -500.00	SIG1, SIG2, SIG3=	7246.7 4742.4 -500.00		
S.I.=	7746.7 SIGE= 6847.1				
BOT SX, SY, SKY, SZ=	6767.4 6196.5 -1104.5 -1000.0	SIG1, SIG2, SIG3=	7622.8 5341.2 -1000.0		
S.I.=	8622.8 SIGE= 7738.5				
EL= 16	NODES= 3615 3616 3556 3555	MAT= 1	AREA= 16.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	10.72 42.77 -62.54	PRESS=	1000.0 0.		
MX, MY, MXY=	-33.061 -158.41 5.4661				
TOP SX, SY, SKY, SZ=	6523.3 4729.5 -1094.2 0.	SIG1, SIG2, SIG3=	7041.2 4211.6 -.11055E-07		
S.I.=	7041.2 SIGE= 6336.9				
MID SX, SY, SKY, SZ=	6695.0 5552.0 -1122.6 -500.00	SIG1, SIG2, SIG3=	7383.2 4863.8 -500.00		
S.I.=	7883.2 SIGE= 6973.6				
BOT SX, SY, SKY, SZ=	6866.6 6374.4 -1151.0 -1000.0	SIG1, SIG2, SIG3=	7797.5 5443.5 -1000.0		
S.I.=	8797.5 SIGE= 7888.5				
EL= 17	NODES= 3616 3617 3557 3556	MAT= 1	AREA= 15.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.44 42.85 -61.91	PRESS=	1000.0 0.		
MX, MY, MXY=	-40.687 -157.55 6.6543				
TOP SX, SY, SKY, SZ=	6562.4 4926.4 -1118.4 0.	SIG1, SIG2, SIG3=	7130.0 4358.8 -.10841E-07		
S.I.=	7130.0 SIGE= 6225.6				
MID SX, SY, SKY, SZ=	6773.7 5744.3 -1152.9 -500.00	SIG1, SIG2, SIG3=	7521.6 4996.4 -500.00		
S.I.=	8021.6 SIGE= 7104.0				
BOT SX, SY, SKY, SZ=	6984.9 6562.3 -1187.5 -1000.0	SIG1, SIG2, SIG3=	7979.7 5567.5 -1000.0		
S.I.=	8979.7 SIGE= 8049.4				
EL= 18	NODES= 3617 3618 3558 3557	MAT= 1	AREA= 15.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.12 42.94 -61.23	PRESS=	1000.0 0.		
MX, MY, MXY=	-51.421 -157.36 7.4345				
TOP SX, SY, SKY, SZ=	6590.6 5125.6 -1135.6 0.	SIG1, SIG2, SIG3=	7209.4 4507.8 -.10560E-07		
S.I.=	7209.4 SIGE= 6308.4				
MID SX, SY, SKY, SZ=	6857.6 5942.6 -1174.2 -500.00	SIG1, SIG2, SIG3=	7660.2 5140.0 -500.00		
S.I.=	8160.2 SIGE= 7237.1				
BOT SX, SY, SKY, SZ=	7124.6 6759.6 -1212.8 -1000.0	SIG1, SIG2, SIG3=	8168.5 5715.7 -1000.0		
S.I.=	9468.5 SIGE= 8221.3				
EL= 19	NODES= 3618 3619 3559 3558	MAT= 1	AREA= 15.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.76 43.03 -60.52	PRESS=	1000.0 0.		
MX, MY, MXY=	-66.118 -158.17 7.6250				
TOP SX, SY, SKY, SZ=	6602.7 5323.7 -1146.8 0.	SIG1, SIG2, SIG3=	7276.3 4650.2 -.10298E-07		
S.I.=	7276.3 SIGE= 6382.2				

MID	SX,SY,SXY,SZ=	6946.0	6145.0	-1186.4	-500.00	SIG1,SIG2,SIG3=	7797.7	5293.3	-500.00		
	S.I.=	8297.7	SIGE=	7371.7							
BOT	SX,SY,SXY,SZ=	7289.5	6966.2	-1226.0	-1000.0	SIG1,SIG2,SIG3=	8364.3	5891.2	-1000.0		
	S.I.=	9364.3	SIGE=	8405.2							
EL=	20	NODES=	3619 3620 3560 3559	MAT=	1	AREA=	15.2	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	13.35	43.15	-59.77	PRESS=	1000.0	0.				
	MX,MY,MXY=	-86.167	-160.52	7.0102							
TOP	SX,SY,SXY,SZ=	6390.4	5515.9	-1153.8	0.	SIG1,SIG2,SIG3=	7325.9	4780.4	-.99509E-08		
	S.I.=	7325.9	SIGE=	6442.1							
MID	SX,SY,SXY,SZ=	7037.8	6349.4	-1190.2	-500.00	SIG1,SIG2,SIG3=	7932.6	5454.6	-500.00		
	S.I.=	8432.6	SIGE=	7506.9							
BOT	SX,SY,SXY,SZ=	7485.2	7182.8	-1226.6	-1000.0	SIG1,SIG2,SIG3=	8569.9	6098.1	-1000.0		
	S.I.=	9569.9	SIGE=	8604.5							
EL=	21	NODES=	3620 3621 3561 3560	MAT=	1	AREA=	15.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	13.90	43.23	-58.99	PRESS=	1000.0	0.				
	MX,MY,MXY=	-114.09	-165.33	5.3478							
TOP	SX,SY,SXY,SZ=	6538.9	5695.2	-1159.3	0.	SIG1,SIG2,SIG3=	7350.7	4883.4	-.96175E-08		
	S.I.=	7350.7	SIGE=	6479.5							
MID	SX,SY,SXY,SZ=	7131.2	6553.6	-1187.1	-500.00	SIG1,SIG2,SIG3=	8064.1	5620.7	-500.00		
	S.I.=	8564.1	SIGE=	7641.3							
BOT	SX,SY,SXY,SZ=	7723.6	7412.0	-1214.8	-1000.0	SIG1,SIG2,SIG3=	8792.6	6343.0	-1000.0		
	S.I.=	9792.6	SIGE=	8826.5							
EL=	22	NODES=	3621 3622 3562 3561	MAT=	1	AREA=	14.8	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	14.40	43.34	-58.18	PRESS=	1000.0	0.				
	MX,MY,MXY=	-153.57	-173.94	2.3053							
TOP	SX,SY,SXY,SZ=	6427.0	5852.0	-1166.9	0.	SIG1,SIG2,SIG3=	7341.3	4937.7	-.94074E-08		
	S.I.=	7341.3	SIGE=	6482.8							
MID	SX,SY,SXY,SZ=	7224.4	6755.1	-1178.8	-500.00	SIG1,SIG2,SIG3=	8191.7	5787.8	-500.00		
	S.I.=	8691.7	SIGE=	7773.7							
BOT	SX,SY,SXY,SZ=	8021.7	7658.2	-1190.8	-1000.0	SIG1,SIG2,SIG3=	9044.5	6635.3	-1000.0		
	S.I.=	10045.	SIGE=	9082.8							
EL=	23	NODES=	3622 3623 3563 3562	MAT=	1	AREA=	14.6	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	14.85	43.45	-57.35	PRESS=	1000.0	0.				
	MX,MY,MXY=	-217.70	-190.60	-1.9720							
TOP	SX,SY,SXY,SZ=	6184.7	5961.4	-1178.5	0.	SIG1,SIG2,SIG3=	7256.8	4889.3	-.92504E-08		
	S.I.=	7256.8	SIGE=	6409.8							
MID	SX,SY,SXY,SZ=	7315.0	6951.0	-1168.2	-500.00	SIG1,SIG2,SIG3=	8315.3	5950.6	-500.00		
	S.I.=	8815.3	SIGE=	7902.9							
BOT	SX,SY,SXY,SZ=	8445.2	7940.5	-1158.0	-1000.0	SIG1,SIG2,SIG3=	9378.1	7007.7	-1000.0		
	S.I.=	10378.	SIGE=	9419.3							
EL=	24	NODES=	3623 3624 3564 3563	MAT=	1	AREA=	14.4	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	15.25	43.56	-56.49	PRESS=	1000.0	0.				
	MX,MY,MXY=	-252.89	-198.90	-13.012							
TOP	SX,SY,SXY,SZ=	6109.7	6108.2	-1199.1	0.	SIG1,SIG2,SIG3=	7398.0	4909.9	-.93770E-08		
	S.I.=	7308.0	SIGE=	6452.4							
MID	SX,SY,SXY,SZ=	7422.7	7140.9	-1131.5	-500.00	SIG1,SIG2,SIG3=	8422.1	6141.6	-500.00		
	S.I.=	8922.1	SIGE=	8028.5							
BOT	SX,SY,SXY,SZ=	8735.7	8173.6	-1064.0	-1000.0	SIG1,SIG2,SIG3=	9555.1	7354.2	-1000.0		
	S.I.=	10555.	SIGE=	9644.9							
EL=	25	NODES=	3624 3625 3565 3564	MAT=	1	AREA=	14.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	15.55	43.68	-55.59	PRESS=	1000.0	0.				
	MX,MY,MXY=	-84.126	-136.22	-49.130							
TOP	SX,SY,SXY,SZ=	7301.8	6749.1	-1253.2	0.	SIG1,SIG2,SIG3=	8308.6	5742.1	-.99611E-08		
	S.I.=	8308.6	SIGE=	7368.6							
MID	SX,SY,SXY,SZ=	7738.4	7456.4	-998.12	-500.00	SIG1,SIG2,SIG3=	8505.4	6589.4	-500.00		
	S.I.=	9105.4	SIGE=	8285.5							
BOT	SX,SY,SXY,SZ=	8175.2	8163.7	-743.04	-1000.0	SIG1,SIG2,SIG3=	8912.5	7426.4	-1000.0		
	S.I.=	9912.5	SIGE=	9259.3							



EL= 26	NODES= 3625 3626 3566 3565	MAT= 1	AREA= 17.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.82	43.82 -54.55	PRESS= 1000.0	0.		
MX,MY,MXY= 8.7722	-123.41 -50.296				
TOP SX,SY,SXY,SZ= 7749.2	7085.1 -1251.0	0.		SIG1,SIG2,SIG3= 8711.5	6122.8 -1.10104E-07
S.I.= 8711.5	SIGE= 7748.6				
MID SX,SY,SXY,SZ= 7724.5	7725.8 -989.91	-500.00		SIG1,SIG2,SIG3= 8715.0	6735.2 -500.00
S.I.= 9215.0	SIGE= 8401.9				
BOT SX,SY,SXY,SZ= 7699.7	8366.5 -728.77	-1000.0		SIG1,SIG2,SIG3= 8834.5	7231.7 -1000.0
S.I.= 9836.5	SIGE= 9139.1				
EL= 27	NODES= 3626 3627 3567 3566	MAT= 1	REA= 19.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.13	43.98 -53.32	PRESS= 1000.0	0.		
MX,MY,MXY= -10.934	-137.37 -40.483				
TOP SX,SY,SXY,SZ= 7834.7	7279.9 -1142.5	0.		SIG1,SIG2,SIG3= 8733.0	6581.6 -.91575E-08
S.I.= 8733.0	SIGE= 7675.9				
MID SX,SY,SXY,SZ= 7891.5	7993.1 -932.35	-500.00		SIG1,SIG2,SIG3= 8876.1	7008.6 -500.00
S.I.= 9376.0	SIGE= 8595.8				
BOT SX,SY,SXY,SZ= 7948.2	8706.4 -722.16	-1000.0		SIG1,SIG2,SIG3= 9142.9	7511.7 -1000.0
S.I.= 10143.	SIGE= 9433.7				
EL= 28	NODES= 3627 3628 3568 3567	MAT= 1	AREA= 20.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.34	44.16 -51.94	PRESS= 1000.0	0.		
MX,MY,MXY= -59.331	-160.07 -31.664				
TOP SX,SY,SXY,SZ= 7791.1	7460.1 -1008.2	0.		SIG1,SIG2,SIG3= 8647.3	6603.9 -.79441E-08
S.I.= 8647.3	SIGE= 7827.3				
MID SX,SY,SXY,SZ= 8099.2	829.1 -843.83	-500.00		SIG1,SIG2,SIG3= 9044.4	7345.9 -500.00
S.I.= 9544.4	SIGE= 8818.7				
BOT SX,SY,SXY,SZ= 8407.2	9122.2 -679.44	-1000.0		SIG1,SIG2,SIG3= 9532.5	7997.0 -1000.0
S.I.= 10532.	SIGE= 9854.8				
EL= 29	NODES= 3628 3629 3569 3568	MAT= 1	AREA= 21.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.44	44.36 -50.40	PRESS= 1000.0	0.		
MX,MY,MXY= -98.424	-178.99 -30.768				
TOP SX,SY,SXY,SZ= 7816.8	7694.8 -908.89	0.		SIG1,SIG2,SIG3= 8666.7	6844.9 -.70816E-08
S.I.= 8666.7	SIGE= 7914.7				
MID SX,SY,SXY,SZ= 8327.9	8624.1 -749.14	-500.00		SIG1,SIG2,SIG3= 9239.6	7712.3 -500.00
S.I.= 9739.6	SIGE= 9072.9				
BOT SX,SY,SXY,SZ= 8838.9	9553.4 -589.39	-1000.0		SIG1,SIG2,SIG3= 9885.4	8506.9 -1000.0
S.I.= 10885.	SIGE= 10266.				
EL= 30	NODES= 3629 3630 3570 3569	MAT= 1	AREA= 23.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.37	44.59 -48.70	PRESS= 1000.0	0.		
MX,MY,MXY= -120.04	-194.36 -37.828				
TOP SX,SY,SXY,SZ= 7950.7	7969.4 -848.38	0.		SIG1,SIG2,SIG3= 8808.5	7111.6 -.66535E-08
S.I.= 8808.5	SIGE= 8094.5				
MID SX,SY,SXY,SZ= 8574.0	8978.5 -651.98	-500.00		SIG1,SIG2,SIG3= 9458.9	8093.5 -500.00
S.I.= 9958.9	SIGE= 9351.3				
BOT SX,SY,SXY,SZ= 9197.2	9987.6 -455.58	-1000.0		SIG1,SIG2,SIG3= 10195.	8989.3 -1000.0
S.I.= 11195.	SIGE= 10644.				
EL= 31	NODES= 3630 3631 3571 3570	MAT= 1	AREA= 24.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.09	44.83 -46.84	PRESS= 1000.0	0.		
MX,MY,MXY= -130.70	-211.86 -51.066				
TOP SX,SY,SXY,SZ= 8156.5	8229.2 -822.28	0.		SIG1,SIG2,SIG3= 9015.9	7369.8 -.64027E-08
S.I.= 9015.9	SIGE= 8316.0				
MID SX,SY,SXY,SZ= 8835.1	9329.2 -557.14	-500.00		SIG1,SIG2,SIG3= 9691.6	8472.7 -500.00
S.I.= 10192.	SIGE= 9640.1				
BOT SX,SY,SXY,SZ= 9513.7	10429. -292.07	-1000.0		SIG1,SIG2,SIG3= 10514.	9428.5 -1000.0
S.I.= 11514.	SIGE= 11012.				
EL= 32	NODES= 3631 3632 3572 3571	MAT= 1	AREA= 26.2	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.52	45.10 -44.84	PRESS= 1000.0	0.		
MX,MY,MXY= -135.36	-237.35 -68.377				



TOP	SX,SY,SXY,SZ=	8406.5	8406.3	-826.50	0.	SIG1,SIG2,SIG3=	9232.9	7579.9	-.64510E-08		
	S.I.=	9232.9	SIGE=	8527.4							
MID	SX,SY,SXY,SZ=	9109.3	9638.7	-471.49	-500.00	SIG1,SIG2,SIG3=	9914.7	8833.3	-500.00		
	S.I.=	10415.	SIGE=	9918.3							
BOT	SX,SY,SXY,SZ=	9812.1	10871.	-116.47	-1000.0	SIG1,SIG2,SIG3=	10884.	9799.5	-1000.0		
	S.I.=	11884.	SIGE=	11380.							
EL=	33	NODES=	3632 3633 3573 3572	MAT=	1	AREA=	27.6	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	14.60	45.37	-42.74		PRESS=	1000.0	0.			
	MX,MY,MXY=	-135.17	-275.56	-86.879							
TOP	SX,SY,SXY,SZ=	8693.6	8427.8	-854.28	0.	SIG1,SIG2,SIG3=	9425.3	7696.1	-.57949E-08		
	S.I.=	9425.3	SIGE=	8690.7							
MID	SX,SY,SXY,SZ=	9395.4	9858.5	-403.21	-500.00	SIG1,SIG2,SIG3=	10092.	9162.0	-500.00		
	S.I.=	10592.	SIGE=	10159.							
BOT	SX,SY,SXY,SZ=	10097.	11289.	47.867	-1000.0	SIG1,SIG2,SIG3=	11291.	10095.	-1000.0		
	S.I.=	12291.	SIGE=	11739.							
EL=	34	NODES=	3633 3634 3574 3573	MAT=	1	AREA=	29.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	13.24	45.65	-40.60		PRESS=	1000.0	0.			
	MX,MY,MXY=	-129.24	-328.86	-101.41							
TOP	SX,SY,SXY,SZ=	9025.1	8230.3	-881.51	0.	SIG1,SIG2,SIG3=	9594.6	7660.7	-.75670E-08		
	S.I.=	9594.6	SIGE=	8788.7							
MID	SX,SY,SXY,SZ=	9696.1	9937.8	-354.98	-500.00	SIG1,SIG2,SIG3=	10192.	9442.0	-500.00		
	S.I.=	10692.	SIGE=	10337.							
BOT	SX,SY,SXY,SZ=	10367.	11645.	171.56	-1000.0	SIG1,SIG2,SIG3=	11668.	10345.	-1000.0		
	S.I.=	12668.	SIGE=	12061.							
EL=	35	NODES=	3634 3635 3575 3574	MAT=	1	AREA=	30.4	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	11.36	45.93	-38.51		PRESS=	1000.0	0.			
	MX,MY,MXY=	-119.76	-395.46	-104.71							
TOP	SX,SY,SXY,SZ=	9395.6	7792.3	-857.81	0.	SIG1,SIG2,SIG3=	9768.1	7419.9	-.91461E-08		
	S.I.=	9768.1	SIGE=	8831.3							
MID	SX,SY,SXY,SZ=	10017.	9845.6	-314.17	-500.00	SIG1,SIG2,SIG3=	10257.	9605.8	-500.00		
	S.I.=	10757.	SIGE=	10447.							
BOT	SX,SY,SXY,SZ=	10639.	11899.	229.47	-1000.0	SIG1,SIG2,SIG3=	11939.	10599.	-1000.0		
	S.I.=	12939.	SIGE=	12324.							
EL=	36	NODES=	3635 3636 3576 3575	MAT=	1	AREA=	31.9	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	8.905	46.18	-36.62		PRESS=	1000.0	0.			
	MX,MY,MXY=	-114.56	-466.96	-91.319							
TOP	SX,SY,SXY,SZ=	9765.9	7179.0	-723.79	0.	SIG1,SIG2,SIG3=	9954.6	6990.3	-.11519E-07		
	S.I.=	9954.6	SIGE=	8852.8							
MID	SX,SY,SXY,SZ=	10361.	9603.5	-249.67	-500.00	SIG1,SIG2,SIG3=	10436.	9528.6	-500.00		
	S.I.=	10936.	SIGE=	10511.							
BOT	SX,SY,SXY,SZ=	10955.	12028.	224.46	-1000.0	SIG1,SIG2,SIG3=	12073.	10910.	-1000.0		
	S.I.=	13073.	SIGE=	12532.							
EL=	37	NODES=	3636 3637 3577 3576	MAT=	1	AREA=	33.8	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	5.824	46.38	-35.10		PRESS=	1000.0	0.			
	MX,MY,MXY=	-123.95	-528.34	-64.078							
TOP	SX,SY,SXY,SZ=	10063.	6555.3	-461.83	0.	SIG1,SIG2,SIG3=	10122.	6495.5	-.14228E-07		
	S.I.=	10122.	SIGE=	8882.9							
MID	SX,SY,SXY,SZ=	10706.	9298.4	-129.14	-500.00	SIG1,SIG2,SIG3=	10718.	9288.7	-500.00		
	S.I.=	11218.	SIGE=	10575.							
BOT	SX,SY,SXY,SZ=	11350.	12042.	203.55	-1000.0	SIG1,SIG2,SIG3=	12097.	11294.	-1000.0		
	S.I.=	13097.	SIGE=	12715.							
EL=	38	NODES=	3637 3638 3578 3577	MAT=	1	AREA=	36.4	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	2.137	46.50	-34.21		PRESS=	1000.0	0.			
	MX,MY,MXY=	-140.33	-560.29	-36.075							
TOP	SX,SY,SXY,SZ=	10269.	6122.5	-144.26	0.	SIG1,SIG2,SIG3=	10274.	6117.5	-.16271E-07		
	S.I.=	10274.	SIGE=	8951.5							
MID	SX,SY,SXY,SZ=	10998.	9031.6	43.042	-500.00	SIG1,SIG2,SIG3=	10999.	9030.6	-500.00		
	S.I.=	11499.	SIGE=	10652.							

BOT SX,SY,SXY,SZ= 11726. 11941. 230.34 -1000.0		SIG1,SIG2,SIG3= 12088. 11579. -1000.0	
S.I.= 13088. SIGE= 12841.			
EL= 39 NODES= 3638 3639 3579 3578		MAT= 1 AREA= 40.2 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -2.048 46.49 -34.22		PRESS= 1000.0 0.	
MX,MY,MXY= -126.98 -542.24 -11.009			
TOP SX,SY,SXY,SZ= 10483. 6051.6 158.88 0.		SIG1,SIG2,SIG3= 10489. 6045.9 -1.7355E-07	
S.I.= 10489. SIGE= 9118.8			
MID SX,SY,SXY,SZ= 11142. 8866.9 216.04 -500.00		SIG1,SIG2,SIG3= 11163. 8846.6 -500.00	
S.I.= 11663. SIGE= 10699.			
BOT SX,SY,SXY,SZ= 11802. 11682. 273.20 -1000.0		SIG1,SIG2,SIG3= 12022. 11462. -1000.0	
S.I.= 13022. SIGE= 12751.			
EL= 40 NODES= 3639 3640 3580 3579		MAT= 1 AREA= 45.9 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -6.484 46.33 -35.45		PRESS= 1000.0 0.	
MX,MY,MXY= 39.885 -420.32 46.015			
TOP SX,SY,SXY,SZ= 11235. 6789.2 563.90 0.		SIG1,SIG2,SIG3= 11305. 6718.8 -1.7922E-07	
S.I.= 11305. SIGE= 9848.5			
MID SX,SY,SXY,SZ= 11028. 8971.5 325.00 -500.00		SIG1,SIG2,SIG3= 11078. 8921.3 -500.00	
S.I.= 11578. SIGE= 10664.			
BOT SX,SY,SXY,SZ= 10821. 11154. 86.089 -1000.0		SIG1,SIG2,SIG3= 11175. 10800. -1000.0	
S.I.= 12175. SIGE= 11992.			
EL= 41 NODES= 3640 3641 3581 3580		MAT= ? AREA= 49.1 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -10.58 46.00 -37.97		PRESS= 1000.0 0.	
MX,MY,MXY= 54.970 -292.40 118.14			
TOP SX,SY,SXY,SZ= 10939. 7940.3 915.57 0.		SIG1,SIG2,SIG3= 11197. 7682.9 -1.3797E-07	
S.I.= 11197. SIGE= 9918.2			
MID SX,SY,SXY,SZ= 10654. 9458.5 302.17 -500.00		SIG1,SIG2,SIG3= 10726. 9386.4 -500.00	
S.I.= 11226. SIGE= 10620.			
BOT SX,SY,SXY,SZ= 10369. 10977. -311.23 -1000.0		SIG1,SIG2,SIG3= 11108. 10238. -1000.0	
S.I.= 12108. SIGE= 11697.			
EL= 42 NODES= 3641 3642 3582 3581		MAT= 1 AREA= 49.3 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -13.65 45.56 -41.35		PRESS= 1000.0 0.	
MX,MY,MXY= -99.935 -221.08 127.06			
TOP SX,SY,SXY,SZ= 9625.1 8756.3 931.37 0.		SIG1,SIG2,SIG3= 10218. 8163.0 -1.80017E-08	
S.I.= 10218. SIGE= 9361.5			
MID SX,SY,SXY,SZ= 10144. 9904.1 271.67 -500.00		SIG1,SIG2,SIG3= 10321. 9727.1 -500.00	
S.I.= 10821. SIGE= 10537.			
BOT SX,SY,SXY,SZ= 10663. 11052. -388.03 -1000.0		SIG1,SIG2,SIG3= 11291. 10423. -1000.0	
S.I.= 12291. SIGE= 11881.			
EL= 43 NODES= 3642 3643 3583 3582		MAT= 1 AREA= 47.6 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -15.50 45.07 -45.04		PRESS= 1000.0 0.	
MX,MY,MXY= -141.21 -157.88 83.951			
TOP SX,SY,SXY,SZ= 8826.6 9019.1 835.53 0.		SIG1,SIG2,SIG3= 9763.9 8081.8 -1.66007E-08	
S.I.= 9763.9 SIGE= 9040.9			
MID SX,SY,SXY,SZ= 9559.7 9838.8 399.66 -500.00		SIG1,SIG2,SIG3= 10123. 9275.9 -500.00	
S.I.= 10623. SIGE= 10225.			
BOT SX,SY,SXY,SZ= 10293. 10658. -36.215 -1000.0		SIG1,SIG2,SIG3= 10662. 10289. -1000.0	
S.I.= 11662. SIGE= 11480.			
EL= 44 NODES= 3643 3644 3584 3583		MAT= 1 AREA= 46.6 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -16.30 44.59 -48.69		PRESS= 1000.0 0.	
MX,MY,MXY= -153.75 -133.58 31.949			
TOP SX,SY,SXY,SZ= 8142.9 8597.7 849.17 0.		SIG1,SIG2,SIG3= 9249.4 7491.2 -1.68727E-08	
S.I.= 9249.4 SIGE= 8507.7			
MID SX,SY,SXY,SZ= 8941.2 9291.1 683.29 -500.00		SIG1,SIG2,SIG3= 9821.5 8410.8 -500.00	
S.I.= 10321. SIGE= 9693.4			
BOT SX,SY,SXY,SZ= 9739.4 9984.6 517.42 -1000.0		SIG1,SIG2,SIG3= 10394. 9330.3 -1000.0	
S.I.= 11394. SIGE= 10901.			
EL= 45 NODES= 3644 3645 3585 3584		MAT= 1 AREA= 45.2 TTOP,TBOT= 0.0 0.0	
QUAD SHELL 63			

XC, YC, ZC = -10.26	44.14	-52.07	PRESS = 1000.0	0.				
MX, MY, MXY = -143.21	-137.52	-3.4464						
TOP SX, SY, SKY, SZ = 7598.9	7788.1	978.46	0.	SIG1, SIG2, SIG3 = 8676.5	6710.5	-0.76920E-08		
S.I. = 8476.5	SIGE = 7879.7							
MID SX, SY, SKY, SZ = 8542.5	8502.1	996.35	-500.00	SIG1, SIG2, SIG3 = 9421.8	7422.8	-500.00		
S.I. = 9921.8	SIGE = 9088.7							
BOT SX, SY, SKY, SZ = 9086.0	9216.1	1014.2	-1000.0	SIG1, SIG2, SIG3 = 10167.	8134.7	-1000.0		
S.I. = 11167.	SIGE = 10303.							
EL = 46	NODES = 3445 3646 3586 3585	MAT = 1	AREA = 43.3	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -15.60	43.75	-57.08	PRESS = 1000.0	0.				
MX, MY, MXY = -117.28	-151.96	-18.964						
TOP SX, SY, SKY, SZ = 1206.8	6877.4	1126.5	0.	SIG1, SIG2, SIG3 = 8180.6	5903.6	-0.88333E-08		
S.I. = 8190.6	SIGE = 7313.0							
MID SX, SY, SKY, SZ = 7815.8	7666.3	1225.0	-500.00	SIG1, SIG2, SIG3 = 8968.3	6513.8	-500.00		
S.I. = 9468.3	SIGE = 8510.8							
BOT SX, SY, SKY, SZ = 8424.7	8455.3	1323.4	-1000.0	SIG1, SIG2, SIG3 = 9763.5	7116.5	-1000.0		
S.I. = 10764.	SIGE = 9714.4							
EL = 47	NODES = 3646 3647 3587 3586	MAT = 1	AREA = 41.1	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -14.52	43.41	-57.65	PRESS = 1000.0	0.				
MX, MY, MXY = -89.540	-166.67	-21.615						
TOP SX, SY, SKY, SZ = 6922.6	6022.9	1209.8	0.	SIG1, SIG2, SIG3 = 7763.5	5182.0	-0.10059E-07		
S.I. = 7763.5	SIGE = 6847.9							
MID SX, SY, SKY, SZ = 7387.4	6888.2	1322.1	-500.00	SIG1, SIG2, SIG3 = 8483.3	5792.4	-500.00		
S.I. = 8983.3	SIGE = 7985.4							
BOT SX, SY, SKY, SZ = 7852.3	7753.6	1434.3	-1000.0	SIG1, SIG2, SIG3 = 9238.1	6367.8	-1000.0		
S.I. = 10238.	SIGE = 9147.2							
EL = 48	NODES = 3647 3648 3588 3587	MAT = 1	AREA = 38.7	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -13.15	43.13	-59.79	PRESS = 1000.0	0.				
MX, MY, MXY = -70.951	-180.03	-18.985						
TOP SX, SY, SKY, SZ = 6686.8	5277.8	1199.2	0.	SIG1, SIG2, SIG3 = 7373.1	4591.5	-0.10833E-07		
S.I. = 7373.1	SIGE = 6449.1							
MID SX, SY, SKY, SZ = 7055.1	6212.5	1297.8	-500.00	SIG1, SIG2, SIG3 = 7998.2	5269.4	-500.00		
S.I. = 8498.2	SIGE = 7515.1							
BOT SX, SY, SKY, SZ = 7423.5	7147.2	1396.3	-1000.0	SIG1, SIG2, SIG3 = 8688.5	5882.2	-1000.0		
S.I. = 9688.5	SIGE = 8634.4							
EL = 49	NODES = 3648 3649 3589 3588	MAT = 1	AREA = 36.1	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -11.64	42.90	-51.52	PRESS = 1000.0	0.				
MX, MY, MXY = -60.437	-191.19	-14.982						
TOP SX, SY, SKY, SZ = 6489.7	4661.0	1107.4	0.	SIG1, SIG2, SIG3 = 7011.4	4139.3	-0.11205E-07		
S.I. = 7011.4	SIGE = 6105.0							
MID SX, SY, SKY, SZ = 6803.4	5653.7	1185.2	-500.00	SIG1, SIG2, SIG3 = 7545.8	4911.4	-500.00		
S.I. = 8045.8	SIGE = 7104.8							
BOT SX, SY, SKY, SZ = 7117.2	6646.4	1262.9	-1000.0	SIG1, SIG2, SIG3 = 8166.5	5597.1	-1000.0		
S.I. = 9166.5	SIGE = 8189.9							
EL = 50	NODES = 3649 3650 3590 3589	MAT = 1	AREA = 33.5	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -10.06	42.72	-62.90	PRESS = 1000.0	0.				
MX, MY, MXY = -51.907	-198.82	-10.632						
TOP SX, SY, SKY, SZ = 6348.2	4178.6	982.15	0.	SIG1, SIG2, SIG3 = 6711.7	3813.1	-0.11341E-07		
S.I. = 6711.7	SIGE = 5830.5							
MID SX, SY, SKY, SZ = 6615.7	5210.8	1017.4	-500.00	SIG1, SIG2, SIG3 = 7149.6	4677.0	-500.00		
S.I. = 7649.8	SIGE = 6761.3							
BOT SX, SY, SKY, SZ = 6885.2	6243.1	1072.5	-1000.0	SIG1, SIG2, SIG3 = 7683.7	5444.6	-1000.0		
S.I. = 8683.7	SIGE = 7808.8							
EL = 51	NODES = 3650 3651 3591 3590	MAT = 1	AREA = 30.9	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -8.487	42.58	-63.97	PRESS = 1000.0	0.				
MX, MY, MXY = -40.202	-201.93	-5.7468						
TOP SX, SY, SKY, SZ = 6269.2	3826.4	791.11	0.	SIG1, SIG2, SIG3 = 6503.0	3592.6	-0.11404E-07		
S.I. = 6503.0	SIGE = 5642.1							



MID	SX,SY,SXY,SZ=	6477.9	4874.8	820.95	-500.00	SIG1,SIG2,SIG3=	6823.8	4529.0	-500.00		
	S.I.=	7325.8	SIGE=	6488.2							
BOT	SX,SY,SXY,SZ=	6686.7	5923.3	850.78	-1000.0	SIG1,SIG2,SIG3=	7237.5	5372.5	-1000.0		
	S.I.=	8232.5	SIGE=	7481.4							
EL=	S2	NODES=	3651 3652 3592 3591	MAT=	1	AREA=	28.3	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-6.261	42.47	-64.77		PRESS=	1000.0	0.			
	MX,MY,MXY=	-19.651	-199.24	3.8645							
TOP	SX,S	SZ=	6277.3	3598.7	618.41	0.	SIG1,SIG2,SIG3=	6413.2	3462.8	-.11530E-07	
	S.I.=	6413.2	SIGE=	5559.9							
MID	SX,SY,SXY,SZ=	6379.4	4633.2	616.40	-500.00	SIG1,SIG2,SIG3=	6575.0	4437.5	-500.00		
	S.I.=	7075.0	SIGE=	6285.1							
BOT	SX,SY,SXY,SZ=	6481.4	5667.7	614.40	-1000.0	SIG1,SIG2,SIG3=	6811.4	5337.6	-1000.0		
	S.I.=	7811.4	SIGE=	7188.7							
EL=	S3	NODES=	3652 3653 3593 3592	MAT=	1	AREA=	25.9	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-5.510	42.39	-65.36		PRESS=	1000.0	0.			
	MX,MY,MXY=	23.593	-186.72	9.3305							
TOP	SX,SY,SXY,SZ=	6434.5	3503.1	468.29	0.	SIG1,SIG2,SIG3=	6507.5	3430.1	-.12024E-07		
	S.I.=	6507.5	SIGE=	5638.4							
MID	SX,SY,SXY,SZ=	6312.0	4472.6	419.84	-500.00	SIG1,SIG2,SIG3=	6403.3	4381.3	-500.00		
	S.I.=	6903.3	SIGE=	6147.0							
BOT	SX,SY,SXY,SZ=	6189.5	5442.0	371.40	-1000.0	SIG1,SIG2,SIG3=	6342.7	5288.9	-1000.0		
	S.I.=	7342.7	SIGE=	6876.6							
EL=	S4	NODES=	3653 3654 3594 3593	MAT=	1	AREA=	23.6	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-4.152	42.34	-65.78		PRESS=	1000.0	0.			
	MX,MY,MXY=	86.713	-165.29	22.825							
TOP	SX,SY,SXY,SZ=	6720.8	3521.9	360.51	0.	SIG1,SIG2,SIG3=	6761.0	3481.8	-.12870E-07		
	S.I.=	6761.0	SIGE=	5856.0							
MID	SX,SY,SXY,SZ=	6270.6	4380.1	242.00	-500.00	SIG1,SIG2,SIG3=	6301.1	4349.6	-500.00		
	S.I.=	6801.1	SIGE=	6025.6							
BOT	SX,SY,SXY,SZ=	5820.4	5238.3	123.49	-1000.0	SIG1,SIG2,SIG3=	5845.5	5213.2	-1000.0		
	S.I.=	6845.5	SIGE=	6552.3							
EL=	S5	NODES=	3541 3542 3482 3481	MAT=	1	AREA=	16.8	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-1.825	25.42	-61.75		PRESS=	1000.0	0.			
	MX,MY,MXY=	34.898	163.23	41.248							
TOP	SX,SY,SXY,SZ=	15570.	7234.8	500.26	0.	SIG1,SIG2,SIG3=	15600.	7204.9	-.32774E-07		
	S.I.=	15600.	SIGE=	13523.							
MID	SX,SY,SXY,SZ=	15389.	6387.3	286.10	-500.00	SIG1,SIG2,SIG3=	15398.	6378.2	-500.00		
	S.I.=	15898.	SIGE=	13809.							
BOT	SX,SY,SXY,SZ=	15207.	5539.8	71.940	-1000.0	SIG1,SIG2,SIG3=	15208.	5539.3	-1000.0		
	S.I.=	16208.	SIGE=	14123.							
EL=	S6	NODES=	3542 3543 3483 3482	MAT=	1	AREA=	17.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-8.762	25.37	-61.87		PRESS=	1000.0	0.			
	MX,MY,MXY=	-580.91	-35.680	36.138							
TOP	SX,SY,SXY,SZ=	12508.	6083.2	123.02	0.	SIG1,SIG2,SIG3=	12511.	6080.8	-.25107E-07		
	S.I.=	12511.	SIGE=	10835.							
MID	SX,SY,SXY,SZ=	15524.	6268.4	-64.613	-500.00	SIG1,SIG2,SIG3=	15525.	6268.0	-500.00		
	S.I.=	16025.	SIGE=	13933.							
BOT	SX,SY,SXY,SZ=	18540.	6453.7	-252.24	-1000.0	SIG1,SIG2,SIG3=	18546.	6448.4	-1000.0		
	S.I.=	19546.	SIGE=	17086.							
EL=	S7	NODES=	3594 3541 3481 3534	MAT=	1	AREA=	21.5	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-2.894	25.51	-61.55		PRESS=	1000.0	0.			
	MX,MY,MXY=	816.44	400.68	42.115							
TOP	SX,SY,SXY,SZ=	19692.	8627.1	533.77	0.	SIG1,SIG2,SIG3=	19718.	8601.4	-.43516E-07		
	S.I.=	19718.	SIGE=	17122.							
MID	SX,SY,SXY,SZ=	15453.	6546.8	315.11	-500.00	SIG1,SIG2,SIG3=	15464.	6535.6	-500.00		
	S.I.=	15964.	SIGE=	13858.							
BOT	SX,SY,SXY,SZ=	11214.	4466.4	96.447	-1000.0	SIG1,SIG2,SIG3=	11216.	4465.0	-1000.0		
	S.I.=	12216.	SIGE=	10599.							



EL= 58	NODES= 3593 3594 3534 3533	MAT= 1	AREA= 23.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -4.152	25.61 -61.29	PRESS= 1000.0	0.		
MX, MY, MXY= 521.79	314.53 24.090				
TOP SX, SY, SXY, SZ= 18192.	8393.5	660.37	0.	SIG1, SIG2, SIG3= 18236.	8349.2 -3.8746E-07
S.I.= 18236.	SIGE= 15812.				
MID SX, SY, SXY, SZ= 15483.	6760.4	535.30	-500.00	SIG1, SIG2, SIG3= 15515.	6727.7 -500.00
S.I.= 15015.	SIGE= 13892.				
BOT SX, SY, SXY, SZ= 12773.	5127.3	410.22	-1000.0	SIG1, SIG2, SIG3= 12795.	5105.4 -1000.0
S.I.= 13795.	SIGE= 11973.				
EL= 54	NODES= 3543 3544 3484 3483	MAT= 1	AREA= 17.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8805E-01	25.36 -61.89	PRESS= 1000.0	0.		
MX, MY, MXY= -341.99	30.531 30.498				
TOP SX, SY, SXY, SZ= 13711.	6228.3	-90.094	0.	SIG1, SIG2, SIG3= 13712.	6227.2 -2.29251E-07
S.I.= 13712.	SIGE= 11892.				
MID SX, SY, SXY, SZ= 15487.	6069.8	-248.44	-500.00	SIG1, SIG2, SIG3= 15493.	6063.2 -500.00
S.I.= 15993.	SIGE= 13925.				
BOT SX, SY, SXY, SZ= 17262.	5971.3	-406.79	-1000.0	SIG1, SIG2, SIG3= 17277.	5896.7 -1000.0
S.I.= 18277.	SIGE= 15986.				
EL= 60	NODES= 3544 3545 3485 3484	MAT= 1	AREA= 17.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 1.052	25.38 -61.86	PRESS= 1000.0	0.		
MX, MY, MXY= -188.02	74.570 23.535				
TOP SX, SY, SXY, SZ= 14487.	6358.4	-303.41	0.	SIG1, SIG2, SIG3= 14499.	6347.1 -3.1963E-07
S.I.= 14499.	SIGE= 12589.				
MID SX, SY, SXY, SZ= 15464.	5971.2	-425.61	-500.00	SIG1, SIG2, SIG3= 15483.	5952.2 -500.00
S.I.= 15983.	SIGE= 13927.				
BOT SX, SY, SXY, SZ= 16440.	5584.0	-547.80	-1000.0	SIG1, SIG2, SIG3= 16467.	5556.5 -1000.0
S.I.= 17467.	SIGE= 15283.				
EL= 61	NODES= 3545 3546 3486 3485	MAT= 1	AREA= 17.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.012	25.41 -61.78	PRESS= 1000.0	0.		
MX, MY, MXY= -79.578	106.70 17.766				
TOP SX, SY, SXY, SZ= 15036.	6490.0	-497.46	0.	SIG1, SIG2, SIG3= 15065.	6461.1 -3.3681E-07
S.I.= 15065.	SIGE= 13091.				
MID SX, SY, SXY, SZ= 15450.	5936.0	-589.70	-500.00	SIG1, SIG2, SIG3= 15486.	5899.6 -500.00
S.I.= 15986.	SIGE= 13936.				
BOT SX, SY, SXY, SZ= 15863.	5382.0	-681.94	-1000.0	SIG1, SIG2, SIG3= 15907.	5337.8 -1000.0
S.I.= 16907.	SIGE= 14794.				
EL= 62	NODES= 3546 3547 3487 3486	MAT= 1	AREA= 16.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.966	25.47 -61.64	PRESS= 1000.0	0.		
MX, MY, MXY= -1.0540	130.51 13.575				
TOP SX, SY, SXY, SZ= 15435.	6613.0	-675.49	0.	SIG1, SIG2, SIG3= 15486.	6561.6 -3.4903E-07
S.I.= 15486.	SIGE= 13463.				
MID SX, SY, SXY, SZ= 15440.	5935.4	-745.98	-500.00	SIG1, SIG2, SIG3= 15499.	5877.2 -500.00
S.I.= 15999.	SIGE= 13950.				
BOT SX, SY, SXY, SZ= 15446.	5257.7	-816.46	-1000.0	SIG1, SIG2, SIG3= 15511.	5192.7 -1000.0
S.I.= 16511.	SIGE= 14447.				
EL= 63	NODES= 3547 3548 3488 3487	MAT= 1	AREA= 16.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 3.909	25.54 -61.46	PRESS= 1000.0	0.		
MX, MY, MXY= 58.165	148.62 11.121				
TOP SX, SY, SXY, SZ= 15736.	6725.1	-839.48	0.	SIG1, SIG2, SIG3= 15814.	6647.5 -3.5808E-07
S.I.= 15814.	SIGE= 13753.				
MID SX, SY, SXY, SZ= 15434.	5953.5	-897.22	-500.00	SIG1, SIG2, SIG3= 15519.	5869.3 -500.00
S.I.= 16019.	SIGE= 13969.				
BOT SX, SY, SXY, SZ= 15132.	5181.8	-954.96	-1000.0	SIG1, SIG2, SIG3= 15223.	5091.0 -1000.0
S.I.= 16223.	SIGE= 14194.				
EL= 64	NODES= 3548 3549 3489 3488	MAT= 1	AREA= 16.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 4.840	25.64 -61.23	PRESS= 1000.0	0.		
MX, MY, MXY= 101.95	161.87 10.316				

65 NODES= 3549 3550 3490 3489				MAT= 1	AREA= 16.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 5.758	25.76	-60.94		PRESS= 1000.0	0.		
Y, MXY= 132.28	170.71	10.858					
SX, SY, SKY, SZ= 16118.	6897.8	-1131.1	0.	SIG1, SIG2, SIG3= 16255.	6761.0	-3.7220E-07	
S.I.= 16235.	SIGE= 14143.						
SX, SY, SKY, SZ= 15431.	6011.5	-1187.5	-500.00	SIG1, SIG2, SIG3= 15578.	5864.1	-500.00	
S.I.= 16078.	SIGE= 14025.						
SX, SY, SKY, SZ= 14744.	5125.1	-1243.8	-1000.0	SIG1, SIG2, SIG3= 14902.	4966.9	-1000.0	
S.I.= 15902.	SIGE= 13914.						
66 NODES= 3550 3551 3491 3490				MAT= 1	AREA= 16.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 6.648	25.89	-60.61		PRESS= 1000.0	0.		
Y, MXY= 150.90	175.56	12.446					
SX, SY, SKY, SZ= 16217.	6952.7	-1262.3	0.	SIG1, SIG2, SIG3= 16386.	6783.8	-3.7536E-07	
S.I.= 16386.	SIGE= 14261.						
SX, SY, SKY, SZ= 15434.	6041.1	-1326.9	-500.00	SIG1, SIG2, SIG3= 15617.	5857.3	-500.00	
S.I.= 16117.	SIGE= 14061.						
SX, SY, SKY, SZ= 14650.	5129.6	-1391.6	-1000.0	SIG1, SIG2, SIG3= 14849.	4930.4	-1000.0	
S.I.= 15849.	SIGE= 13870.						
67 NODES= 3551 3552 3492 3491				MAT= 1	AREA= 16.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 7.520	26.05	-60.24		PRESS= 1000.0	0.		
Y, MXY= 159.24	176.87	14.835					
SX, SY, SKY, SZ= 16266.	6985.8	-1385.5	0.	SIG1, SIG2, SIG3= 16469.	6783.4	-3.7852E-07	
S.I.= 16469.	SIGE= 14336.						
SX, SY, SKY, SZ= 15440.	6067.5	-1462.5	-500.00	SIG1, SIG2, SIG3= 15662.	5844.6	-500.00	
S.I.= 16162.	SIGE= 14104.						
SX, SY, SKY, SZ= 14613.	5149.5	-1539.5	-1000.0	SIG1, SIG2, SIG3= 14857.	4905.1	-1000.0	
S.I.= 15857.	SIGE= 13881.						
68 NODES= 3552 3553 3493 3492				MAT= 1	AREA= 16.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 8.366	26.23	-59.81		PRESS= 1000.0	0.		
Y, MXY= 158.36	174.97	17.809					
SX, SY, SKY, SZ= 16272.	6998.2	-1501.1	0.	SIG1, SIG2, SIG3= 16509.	6761.3	-3.8096E-07	
S.I.= 16509.	SIGE= 14375.						
SX, SY, SKY, SZ= 15450.	6089.8	-1593.6	-500.00	SIG1, SIG2, SIG3= 15714.	5825.9	-500.00	
S.I.= 16216.	SIGE= 14154.						
SX, SY, SKY, SZ= 14627.	5181.3	-1686.0	-1000.0	SIG1, SIG2, SIG3= 14919.	4889.4	-1000.0	
S.I.= 15919.	SIGE= 13941.						
69 NODES= 3553 3554 3494 3493				MAT= 1	AREA= 16.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 9.184	26.42	-59.34		PRESS= 1000.0	0.		
Y, MXY= 149.02	170.21	21.163					
SX, SY, SKY, SZ= 16238.	6992.1	-1609.7	0.	SIG1, SIG2, SIG3= 16511.	6719.9	-3.8364E-07	
S.I.= 16511.	SIGE= 14381.						
SX, SY, SKY, SZ= 15465.	6108.4	-1719.6	-500.00	SIG1, SIG2, SIG3= 15771.	5802.3	-500.00	
S.I.= 16271.	SIGE= 14210.						
SX, SY, SKY, SZ= 14691.	5224.6	-1829.5	-1000.0	SIG1, SIG2, SIG3= 15032.	4883.4	-1000.0	
S.I.= 16032.	SIGE= 14047.						
70 NODES= 3554 3555 3495 3494				MAT= 1	AREA= 16.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
C, ZC= 9.971	26.63	-58.83		PRESS= 1000.0	0.		
Y, MXY= 131.71	162.87	24.700					
SX, SY, SKY, SZ= 16170.	6970.5	-1711.6	0.	SIG1, SIG2, SIG3= 15478.	6662.3	-3.8404E-07	
S.I.= 16478.	SIGE= 14357.						
SX, SY, SKY, SZ= 15486.	6124.8	-1839.8	-500.00	SIG1, SIG2, SIG3= 15835.	5776.2	-500.00	
S.I.= 16335.	SIGE= 14272.						

TOP SX  
 MID SX  
 BOT SX  
 S.I.  
 EL= 16  
 XC, YC, Z  
 MX, MY, M  
 TOP SX  
 S.I.  
 MID SX  
 S.I.  
 BOT SX  
 S.I.  
 EL= 16  
 XC, YC, Z  
 MX, MY, M  
 TOP SX  
 S.I.  
 MID SX  
 S.I.  
 BOT SX  
 S.I.  
 EL= 16  
 XC, YC, Z  
 MX, MY, M  
 TOP SX  
 S.I.  
 MID SX  
 S.I.  
 BOT SX  
 S.I.  
 EL= 16  
 XC, YC, Z  
 MX, MY, M  
 TOP SX  
 S.I.  
 MID SX  
 S.I.  
 BOT SX  
 S.I.  
 EL= 16  
 XC, YC, Z  
 MX, MY, M  
 TOP SX  
 S.I.  
 MID SX  
 S.I.  
 BOT SX  
 S.I.

BOT SX,SY,SXY,SZ= 14802. 5279.2 -1968.0 -1000.0		SIG1,SIG2,SIG3= 15193. 4888.6 -1000.0			
S.I.= 18193. SIGE= 14196.					
EL= 71 NODES= 3555 3556 3496 3495		MAT= 1 AREA= 16.0		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 10.72 26.86 -58.28		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= 106.66 153.22 28.233					
TOP SX,SY,SXY,SZ= 16069. 6937.3 -1806.8 0.		SIG1,SIG2,SIG3= 16414. 6592.9 -.38421E-07			
S.I.= 16414. SIGE= 14306.					
MID SX,SY,SXY,SZ= 15515. 6141.8 -1953.4 -500.00		SIG1,SIG2,SIG3= 15906. 5751.1 -500.00			
S.I.= 16406. SIGE= 14342.					
BOT SX,SY,SXY,SZ= 14962. 5346.3 -2099.9 -1000.0		SIG1,SIG2,SIG3= 15400. 4907.7 -1000.0			
S.I.= 16400. SIGE= 14387.					
EL= 72 NODES= 3556 3557 3497 3496		MAT= 1 AREA= 15.8		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 11.44 27.10 -57.69		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= 73.852 141.51 31.587					
TOP SX,SY,SXY,SZ= 15937. 6897.5 -1895.5 0.		SIG1,SIG2,SIG3= 16318. 6516.2 -.38360E-07			
S.I.= 16318. SIGE= 14227.					
MID SX,SY,SXY,SZ= 15554. 6162.8 -2059.5 -500.00		SIG1,SIG2,SIG3= 15985. 5731.0 -500.00			
S.I.= 16485. SIGE= 14418.					
BOT SX,SY,SXY,SZ= 15170. 5428.1 -2223.5 -1000.0		SIG1,SIG2,SIG3= 15654. 4944.6 -1000.0			
S.I.= 16654. SIGE= 14618.					
EL= 73 NODES= 3557 3558 3498 3497		MAT= 1 AREA= 15.6		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 12.12 27.36 -57.06		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= 33.020 128.00 34.597					
TOP SX,SY,SXY,SZ= 15774. 6856.7 -1977.7 0.		SIG1,SIG2,SIG3= 16193. 6437.7 -.38135E-07			
S.I.= 16193. SIGE= 14121.					
MID SX,SY,SXY,SZ= 15602. 6192.1 -2157.3 -500.00		SIG1,SIG2,SIG3= 16073. 5721.1 -500.00			
S.I.= 16573. SIGE= 14501.					
BOT SX,SY,SXY,SZ= 15431. 5527.5 -2229.7 -1000.0		SIG1,SIG2,SIG3= 15955. 5003.8 -1000.0			
S.I.= 16955. SIGE= 14890.					
EL= 74 NODES= 3558 3559 3499 3498		MAT= 1 AREA= 15.4		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 12.76 27.64 -56.40		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= -16.382 112.94 37.121					
TOP SX,SY,SXY,SZ= 15578. 6821.3 -2053.3 0.		SIG1,SIG2,SIG3= 16036. 6363.8 -.37829E-07			
S.I.= 16036. SIGE= 13986.					
MID SX,SY,SXY,SZ= 15664. 6234.9 -2246.1 -500.00		SIG1,SIG2,SIG3= 16171. 5727.2 -500.00			
S.I.= 16671. SIGE= 14591.					
BOT SX,SY,SXY,SZ= 15749. 5648.6 -2438.8 -1000.0		SIG1,SIG2,SIG3= 16307. 5090.5 -1000.0			
S.I.= 17307. SIGE= 15205.					
EL= 75 NODES= 3559 3560 3500 3499		MAT= 1 AREA= 15.2		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 13.35 27.93 -55.70		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= -75.274 96.617 39.065					
TOP SX,SY,SXY,SZ= 15348. 6799.3 -2122.1 0.		SIG1,SIG2,SIG3= 15846. 6301.5 -.37297E-07			
S.I.= 15846. SIGE= 13818.					
MID SX,SY,SXY,SZ= 15739. 6297.7 -2325.0 -500.00		SIG1,SIG2,SIG3= 16280. 5756.2 -500.00			
S.I.= 16780. SIGE= 14688.					
BOT SX,SY,SXY,SZ= 16130. 5796.1 -2527.8 -1000.0		SIG1,SIG2,SIG3= 16715. 5210.9 -1000.0			
S.I.= 17715. SIGE= 15568.					
EL= 76 NODES= 3560 3561 3501 3500		MAT= 1 AREA= 15.0		TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 13.90 28.23 -54.97		PRESS= 1000.0 0.		QUAD SHELL 63	
MX,MY,MXY= 45.02 79.573 40.427					
TOP SX,SY,SXY,SZ= 15078. 6800.2 -2183.2 0.		SIG1,SIG2,SIG3= 15619. 6259.7 -.36507E-07			
S.I.= 15619. SIGE= 13615.					
MID SX,SY,SXY,SZ= 15831. 6388.1 -2393.1 -500.00		SIG1,SIG2,SIG3= 16403. 5816.2 -500.00			
S.I.= 16903. SIGE= 14793.					
BOT SX,SY,SXY,SZ= 16584. 5976.0 -2603.0 -1000.0		SIG1,SIG2,SIG3= 17188. 5371.7 -1000.0			
S.I.= 18188. SIGE= 15985.					
EL= 77 NODES= 3561 3562 3502 3501		MAT= 1 AREA= 14.8		TTOP,TBOT= 0.0 0.0	
				QUAD SHELL 63	



EL= 78	NODES= 3562 3563 3503 3502	MAT= 1	AREA= 14.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.40 28.54 -54.22	PRESS= 1000.0 0.				
MX, MY, MXY= -228.66 61.352 41.506					
TOP SX, SY, SKY, SZ= 14755. 6834.0 -2234.7 0.	SIG1, SIG2, SIG3= 15342. 6247.1 -.35619E-07				
S.I.= 15342. SIGE= 13363.					
MID SX, SY, SKY, SZ= 15942. 6515.5 -2450.2 -500.00	SIG1, SIG2, SIG3= 16541. 5916.7 -500.00				
S.I.= 17041. SIGE= 14907.					
BOT SX, SY, SKY, SZ= 17129. 6197.0 -2665.7 -1000.0	SIG1, SIG2, SIG3= 17745. 5581.6 -1000.0				
S.I.= 18745. SIGE= 16471.					
EL= 79	NODES= 3563 3564 3504 3503	MAT= 1	AREA= 14.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.25 29.20 -52.64	PRESS= 1000.0 0.				
MX, MY, MXY= -534.61 -72429 53.437					
TOP SX, SY, SKY, SZ= 13431. 6908.8 -2257.5 0.	SIG1, SIG2, SIG3= 14136. 6203.7 -.31016E-07				
S.I.= 14136. SIGE= 12273.					
MID SX, SY, SKY, SZ= 16207. 6912.6 -2534.9 -500.00	SIG1, SIG2, SIG3= 16853. 6266.2 -500.00				
S.I.= 17353. SIGE= 15149.					
BOT SX, SY, SKY, SZ= 18983. 6916.3 -2812.3 -1000.0	SIG1, SIG2, SIG3= 19606. 6293.0 -1000.0				
S.I.= 20606. SIGE= 18097.					
EL= 80	NODES= 3564 3565 3505 3504	MAT= 1	AREA= 14.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.55 29.54 -51.80	PRESS= 1000.0 0.				
MX, MY, MXY= -42.447 177.94 7.4874					
TOP SX, SY, SKY, SZ= 15726. 7887.4 -2649.8 0.	SIG1, SIG2, SIG3= 16538. 7075.7 -.37098E-07				
S.I.= 16538. SIGE= 14372.					
MID SX, SY, SKY, SZ= 15947. 6963.6 -2688.7 -500.00	SIG1, SIG2, SIG3= 16690. 6220.3 -500.00				
S.I.= 17190. SIGE= 15005.					
BOT SX, SY, SKY, SZ= 16167. 6039.7 -2727.6 -1000.0	SIG1, SIG2, SIG3= 16855. 5351.8 -1000.0				
S.I.= 17855. SIGE= 15676.					
EL= 81	NODES= 3565 3566 3506 3505	MAT= 1	AREA= 17.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.82 29.94 -50.83	PRESS= 1000.0 0.				
MX, MY, MXY= 473.98 349.43 -29.065					
TOP SX, SY, SKY, SZ= 18757. 8915.4 -2757.7 0.	SIG1, SIG2, SIG3= 19477. 8195.5 -.44081E-07				
S.I.= 19477. SIGE= 16938.					
MID SX, SY, SKY, SZ= 16296. 7101.1 -2606.8 -500.00	SIG1, SIG2, SIG3= 16983. 6413.5 -500.00				
S.I.= 17483. SIGE= 15251.					
BOT SX, SY, SKY, SZ= 13835. 5286.9 -2455.9 -1000.0	SIG1, SIG2, SIG3= 14490. 4631.6 -1000.0				
S.I.= 15490. SIGE= 13580.					
EL= 82	NODES= 3566 3567 3507 3506	MAT= 1	AREA= 19.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.13 30.42 -49.69	PRESS= 1000.0 0.				
MX, MY, MXY= 269.12 293.63 1.9370					
TOP SX, SY, SKY, SZ= 17883. 8924.3 -2590.3 0.	SIG1, SIG2, SIG3= 18578. 8229.2 -.40471E-07				
S.I.= 18578. SIGE= 16124.					
MID SX, SY, SKY, SZ= 16486. 7399.7 -2600.4 -500.00	SIG1, SIG2, SIG3= 17177. 6708.1 -500.00				
S.I.= 17677. SIGE= 15396.					
BOT SX, SY, SKY, SZ= 15088. 5875.2 -2610.4 -1000.0	SIG1, SIG2, SIG3= 15777. 5186.9 -1000.0				
S.I.= 16777. SIGE= 14695.					
EL= 83	NODES= 3567 3568 3508 3507	MAT= 1	AREA= 20.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34 30.95 -48.40	PRESS= 1000.0 0.				
MX, MY, MXY= 146.82 271.23 24.348					
TOP SX, SY, SKY, SZ= 17451. 9112.9 -2472.4 0.	SIG1, SIG2, SIG3= 18129. 8434.9 -.37944E-07				
S.I.= 18129. SIGE= 15713.					



MID	SX,SY,SXY,SZ=	16689.	7704.6	-2598.8	-500.00	SIG1,SIG2,SIG3=	17387.	7007.1	-500.00
	S.I.=	17887.	SIGE=	15557.					
BOT	SX,SY,SXY,SZ=	15927.	6296.4	-2725.2	-1000.0	SIG1,SIG2,SIG3=	16645.	5578.7	-1000.0
	S.I.=	17645.	SIGE=	15445.					

EL=	84	NODES=	3568 3569 3509 3508	MAT=	1	AREA=	21.9	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	16.44	31.55	-46.97		PRESS=	1000.0	0.			
	MX,MY,MXY=	44.117	266.83	45.187							
TOP	SX,SY,SXY,SZ=	17166.	9406.8	-2341.9	0.	SIG1,SIG2,SIG3=	17818.	8754.8	-.35434E-07		
	S.I.=	17818.	SIGE=	15432.							
MID	SX,SY,SXY,SZ=	16937.	8021.5	-2576.5	-500.00	SIG1,SIG2,SIG3=	17628.	7330.5	-500.00		
	S.I.=	18128.	SIGE=	15748.							
BOT	SX,SY,SXY,SZ=	16708.	6636.1	-2811.1	-1000.0	SIG1,SIG2,SIG3=	17440.	5904.7	-1000.0		
	S.I.=	18440.	SIGE=	16136.							

EL=	85	NODES=	3569 3570 3510 3509	MAT=	1	AREA=	23.3	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	16.37	32.20	-45.38		PRESS=	1000.0	0.			
	MX,MY,MXY=	-25.404	289.79	59.268							
TOP	SX,SY,SXY,SZ=	17102.	9869.2	-2212.7	0.	SIG1,SIG2,SIG3=	17725.	9245.9	-.33235E-07		
	S.I.=	17725.	SIGE=	15355.							
MID	SX,SY,SXY,SZ=	17234.	8364.6	-2520.4	-500.00	SIG1,SIG2,SIG3=	17900.	7698.4	-500.00		
	S.I.=	18400.	SIGE=	15966.							
BOT	SX,SY,SXY,SZ=	17366.	6860.0	-2828.1	-1000.0	SIG1,SIG2,SIG3=	18079.	6147.0	-1000.0		
	S.I.=	19079.	SIGE=	16695.							

EL=	86	NODES=	3570 3571 3511 3510	MAT=	1	AREA=	24.8	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	16.09	32.92	-43.65		PRESS=	1000.0	0.			
	MX,MY,MXY=	-50.174	346.61	61.703							
TOP	SX,SY,SXY,SZ=	17316.	10531.	-2105.7	0.	SIG1,SIG2,SIG3=	17916.	9931.0	-.31252E-07		
	S.I.=	17916.	SIGE=	15547.							
MID	SX,SY,SXY,SZ=	17577.	8731.8	-2426.0	-500.00	SIG1,SIG2,SIG3=	18198.	8110.1	-500.00		
	S.I.=	18698.	SIGE=	16210.							
BOT	SX,SY,SXY,SZ=	17837.	6932.2	-2746.4	-1000.0	SIG1,SIG2,SIG3=	18490.	6279.6	-1000.0		
	S.I.=	19490.	SIGE=	17058.							

EL=	87	NODES=	3571 3572 3512 3511	MAT=	1	AREA=	26.2	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	15.52	33.69	-41.79		PRESS=	1000.0	0.			
	MX,MY,MXY=	-22.576	439.08	50.879							
TOP	SX,SY,SXY,SZ=	17844.	11372.	-2033.0	0.	SIG1,SIG2,SIG3=	18429.	10786.	-.29922E-07		
	S.I.=	18429.	SIGE=	16038.							
MID	SX,SY,SXY,SZ=	17961.	9091.8	-2297.2	-500.00	SIG1,SIG2,SIG3=	18521.	8532.2	-500.00		
	S.I.=	19021.	SIGE=	16479.							
BOT	SX,SY,SXY,SZ=	18078.	6812.1	-2561.3	-1000.0	SIG1,SIG2,SIG3=	18633.	6257.2	-1000.0		
	S.I.=	19633.	SIGE=	17194.							

EL=	88	NODES=	3572 3573 3513 3512	MAT=	1	AREA=	27.6	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	14.60	34.50	-39.83		PRESS=	1000.0	0.			
	MX,MY,MXY=	58.412	562.73	30.136							
TOP	SX,SY,SXY,SZ=	18689.	12302.	-1985.3	0.	SIG1,SIG2,SIG3=	19256.	11735.	-.29414E-07		
	S.I.=	19256.	SIGE=	18809.							
MID	SX,SY,SXY,SZ=	18386.	9379.9	-2141.8	-500.00	SIG1,SIG2,SIG3=	18869.	8896.5	-500.00		
	S.I.=	19369.	SIGE=	15777.							
BOT	SX,SY,SXY,SZ=	18082.	6458.2	-2298.3	-1000.0	SIG1,SIG2,SIG3=	18520.	6020.3	-1000.0		
	S.I.=	19520.	SIGE=	17126.							

EL=	89	NODES=	3573 3574 3514 3513	MAT=	1	AREA=	29.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	13.24	35.33	-37.83		PRESS=	1000.0	0.			
	MX,MY,MXY=	177.50	702.91	7.4583							
TOP	SX,SY,SXY,SZ=	19777.	13183.	-1924.9	0.	SIG1,SIG2,SIG3=	20296.	12644.	-.30001E-07		
	S.I.=	20296.	SIGE=	17753.							
MID	SX,SY,SXY,SZ=	18855.	9514.0	-1963.6	-500.00	SIG1,SIG2,SIG3=	19251.	9118.0	-500.00		
	S.I.=	19751.	SIGE=	17107.							
BOT	SX,SY,SXY,SZ=	17933.	5864.5	-2002.4	-1000.0	SIG1,SIG2,SIG3=	18257.	5540.9	-1000.0		
	S.I.=	19257.	SIGE=	16960.							

EL= 90	NODES= 3574 3575 3515 3514	MAT= 1	AREA= 30.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.35 36.13 -35.89	PRESS=	1000.0 0.		
MX, MY, MXY=	292.86 834.42 -7.1602				
TOP SX, SY, SXY, SZ=	20922. 13771. -1788.2 0.	SIG1, SIG2, SIG3=	21344. 13349. -31218E-07		
S.I.=	21344. SIGE= 18677.				
MID SX, SY, SXY, SZ=	19375. 9439.1 -1751.1 -500.00	SIG1, SIG2, SIG3=	19675. 9139.5 -500.00		
S.I.=	20175. SIGE= 17477.				
BOT SX, SY, SXY, SZ=	17829. 5106.8 -1713.9 -1000.0	SIG1, SIG2, SIG3=	18055. 4880.0 -1000.0		
S.I.=	19055. SIGE= 16901.				
EL= 91	NODES= 3575 3576 3516 3515	MAT= 1	AREA= 31.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	8.905 36.87 -34.12	PRESS=	1000.0 0.		
MX, MY, MXY=	372.66 929.42 -7.4671				
TOP SX, SY, SXY, SZ=	21868. 14010. -1511.6 0.	SIG1, SIG2, SIG3=	22149. 13729. -32863E-07		
S.I.=	22149. SIGE= 19364.				
MID SX, SY, SXY, SZ=	19933. 9184.2 -1472.8 -500.00	SIG1, SIG2, SIG3=	20131. 8986.1 -500.00		
S.I.=	20631. SIGE= 17886.				
BOT SX, SY, SXY, SZ=	17998. 4358.7 -1434.1 -1000.0	SIG1, SIG2, SIG3=	18147. 4209.5 -1000.0		
S.I.=	19147. SIGE= 17147.				
EL= 92	NODES= 3576 3577 3517 3516	MAT= 1	AREA= 33.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	5.824 37.45 -32.71	PRESS=	1000.0 0.		
MX, MY, MXY=	374.41 971.18 4.4143				
TOP SX, SY, SXY, SZ=	22408. 13914. -1070.8 0.	SIG1, SIG2, SIG3=	22541. 13781. -34232E-07		
S.I.=	22541. SIGE= 19682.				
MID SX, SY, SXY, SZ=	20464. 8871.7 -1093.7 -500.00	SIG1, SIG2, SIG3=	20567. 8769.4 -500.00		
S.I.=	21067. SIGE= 18288.				
BOT SX, SY, SXY, SZ=	18520. 3829.4 -1116.6 -1000.0	SIG1, SIG2, SIG3=	18605. 3745.0 -1000.0		
S.I.=	19605. SIGE= 17715.				
EL= 93	NODES= 3577 3578 3518 3517	MAT= 1	AREA= 36.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.137 37.80 -31.88	PRESS=	1000.0 0.		
MX, MY, MXY=	326.61 964.79 21.121				
TOP SX, SY, SXY, SZ=	22533. 13635. -487.39 0.	SIG1, SIG2, SIG3=	22559. 13608. -35063E-07		
S.I.=	22559. SIGE= 19675.				
MID SX, SY, SXY, SZ=	20837. 8625.6 -597.05 -500.00	SIG1, SIG2, SIG3=	20866. 8596.5 -500.00		
S.I.=	21366. SIGE= 18571.				
BOT SX, SY, SXY, SZ=	19141. 3616.4 -706.71 -1000.0	SIG1, SIG2, SIG3=	19173. 3584.3 -1000.0		
S.I.=	20173. SIGE= 18316.				
EL= 94	NODES= 3578 3579 3519 3518	MAT= 1	AREA= 40.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.048 37.79 -31.89	PRESS=	1000.0 0.		
MX, MY, MXY=	321.08 936.00 33.571				
TOP SX, SY, SXY, SZ=	22542. 13329. 190.08	SIG1, SIG2, SIG3=	22546. 13325. -36039E-07		
S.I.=	22546. SIGE= 19633.				
MID SX, SY, SXY, SZ=	20875. 8489.5 15.774 0.00	SIG1, SIG2, SIG3=	20875. 8489.4 -500.00		
S.I.=	21375. SIGE= 18591.				
BOT SX, SY, SXY, SZ=	19208. 3609.8 -158.53 -1000.0	SIG1, SIG2, SIG3=	19210. 3608.2 -1000.0		
S.I.=	20210. SIGE= 18345.				
EL= 95	NODES= 3579 3580 3520 3519	MAT= 1	AREA= 45.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.484 37.32 -33.04	PRESS=	1000.0 0.		
MX, MY, MXY=	484.51 918.39 38.767				
TOP SX, SY, SXY, SZ=	22930. 13303. 934.70 0.	SIG1, SIG2, SIG3=	23020. 13213. -38451E-07		
S.I.=	23020. SIGE= 20008.				
MID SX, SY, SXY, SZ=	20414. 8534.8 733.43 -500.00	SIG1, SIG2, SIG3=	20460. 8489.7 -500.00		
S.I.=	20960. SIGE= 18213.				
BOT SX, SY, SXY, SZ=	17899. 3786.5 532.15 -1000.0	SIG1, SIG2, SIG3=	17919. 3748.5 -1000.0		
S.I.=	18919. SIGE= 17049.				
EL= 96	NODES= 3580 3581 3521 3520	MAT= 1	AREA= 49.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.58 36.35 -35.38	PRESS=	1000.0 0.		
MX, MY, MXY=	472.19 827.02 26.397				

TOP	SX,SY,SKY,SZ=	21989.	13251.	1595.7	0.	SIG1,SIG2,SIG3=	22271.	12568.	-.36482E-07		
	S.I.=	22271.	SIGE=	19374.							
MID	SX,SY,SKY,SZ=	19537.	8956.6	1458.7	-500.00	SIG1,SIG2,SIG3=	19734.	8759.2	-500.00		
	S.I.=	20234.	SIGE=	12545.							
BOT	SX,SY,SKY,SZ=	17085.	4662.8	1321.6	-1000.0	SIG1,SIG2,SIG3=	17224.	4523.7	-1000.0		
	S.I.=	18224.	SIGE=	16186.							
EL=	97	NODES=	3581 3582 3522 3521	MAT=	1	AREA=	48.3	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-13.65	35.04	-38.53		PRESS=	1000.0	0.			
	MX,MY,MXY=	169.22	604.58	-12.478							
TOP	SX,SY,SKY,SZ=	19458.	12400.	1977.7	0.	SIG1,SIG2,SIG3=	19974.	11884.	-.31661E-07		
	S.I.=	19974.	SIGE=	17402.							
MID	SX,SY,SKY,SZ=	18579.	9261.2	2042.5	-500.00	SIG1,SIG2,SIG3=	19007.	8833.2	-500.00		
	S.I.=	19507.	SIGE=	16899.							
BOT	SX,SY,SKY,SZ=	17701.	6122.3	2107.3	-1000.0	SIG1,SIG2,SIG3=	18072.	5750.7	-1000.0		
	S.I.=	19172.	SIGE=	16750.							
EL=	98	NODES=	3582 3583 3523 3522	MAT=	1	AREA=	47.6	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-15.50	33.62	-41.97		PRESS=	1000.0	0.			
	MX,MY,MXY=	-79.571	353.39	-49.223							
TOP	SX,SY,SKY,SZ=	17315.	10804.	2233.6	0.	SIG1,SIG2,SIG3=	18008.	10112.	-.30943E-07		
	S.I.=	18008.	SIGE=	15635.							
MID	SX,SY,SKY,SZ=	17728.	8969.6	2489.2	-500.00	SIG1,SIG2,SIG3=	18386.	8311.6	-500.00		
	S.I.=	18886.	SIGE=	16368.							
BOT	SX,SY,SKY,SZ=	18142.	7134.8	2744.7	-1000.0	SIG1,SIG2,SIG3=	18788.	6488.3	-1000.0		
	S.I.=	19788.	SIGE=	17305.							
EL=	99	NODES=	3583 3584 3524 3523	MAT=	1	AREA=	46.6	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-16.30	32.21	-45.37		PRESS=	1000.0	0.			
	MX,MY,MXY=	-200.16	162.53	-70.177							
TOP	SX,SY,SKY,SZ=	15967.	9115.3	2439.5	0.	SIG1,SIG2,SIG3=	16747.	8335.5	-.32901E-07		
	S.I.=	16747.	SIGE=	14503.							
MID	SX,SY,SKY,SZ=	17006.	8271.5	2803.9	-500.00	SIG1,SIG2,SIG3=	17829.	7448.9	-500.00		
	S.I.=	18329.	SIGE=	15920.							
BOT	SX,SY,SKY,SZ=	18045.	7427.7	3168.2	-1000.0	SIG1,SIG2,SIG3=	18919.	6554.2	-1000.0		
	S.I.=	19919.	SIGE=	17417.							
EL=	100	NODES=	3584 3585 3525 3524	MAT=	1	AREA=	45.2	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-16.26	30.90	-48.53		PRESS=	1000.0	0.			
	MX,MY,MXY=	-182.52	78.810	-72.872							
TOP	SX,SY,SKY,SZ=	15481.	7983.4	2570.1	0.	SIG1,SIG2,SIG3=	16277.	7186.9	-.35585E-07		
	S.I.=	16277.	SIGE=	14129.							
MID	SX,SY,SKY,SZ=	16429.	7574.2	2948.5	-500.00	SIG1,SIG2,SIG3=	17321.	6682.2	-500.00		
	S.I.=	17821.	SIGE=	15530.							
BOT	SX,SY,SKY,SZ=	17376.	7165.0	3326.8	-1000.0	SIG1,SIG2,SIG3=	18364.	6176.7	-1000.0		
	S.I.=	19364.	SIGE=	16956.							
EL=	101	NODES=	3585 3586 3526 3525	MAT=	1	AREA=	43.3	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-15.60	29.74	-51.32		PRESS=	1000.0	0.			
	MX,MY,MXY=	-102.12	71.665	-66.509							
TOP	SX,SY,SKY,SZ=	15482.	7465.1	2572.7	0.	SIG1,SIG2,SIG3=	16236.	6710.4	-.37291E-07		
	S.I.=	16236.	SIGE=	14131.							
MID	SX,SY,SKY,SZ=	16012.	7093.0	2918.1	-500.00	SIG1,SIG2,SIG3=	16882.	6225.1	-500.00		
	S.I.=	17382.	SIGE=	15181.							
BOT	SX,SY,SKY,SZ=	16542.	6720.9	3263.4	-1000.0	SIG1,SIG2,SIG3=	17527.	5735.4	-1000.0		
	S.I.=	18527.	SIGE=	16243.							
EL=	102	NODES=	3586 3587 3527 3526	MAT=	1	AREA=	41.1	YTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-14.52	28.75	-53.72		PRESS=	1000.0	0.			
	MX,MY,MXY=	-20.826	94.278	-58.482							
TOP	SX,SY,SKY,SZ=	15638.	7336.5	2444.7	0.	SIG1,SIG2,SIG3=	15305.	6670.0	-.37668E-07		
	S.I.=	16305.	SIGE=	14198.							
MID	SX,SY,SKY,SZ=	15746.	6847.0	2748.4	-500.00	SIG1,SIG2,SIG3=	16527.	6066.6	-500.00		
	S.I.=	17027.	SIGE=	14873.							



EL= 103 NODES= 3587 3588 3528 3527 MAT= 1 AREA= 38.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -13.15 27.92 -55.71 PRESS= 1000.0 0. MX,MY,MXY= 42.306 122.38 -50.669 TOP SX,SY,SXY,SZ= 15818. 7402.7 2221.1 0. SIG1,SIG2,SIG3= 16368. 6852.4 -.37203E-07 S.I.= 16368. SIGE= 14238. MID SX,SY,SXY,SZ= 13599. 6767.3 2484.2 -500.00 SIG1,SIG2,SIG3= 16249. 6116.4 -500.00 S.I.= 16249. SIGE= 14612. BOT SX,SY,SXY,SZ= 15379. 6131.9 2747.3 -1000.0 SIG1,SIG2,SIG3= 16134. 5377.3 -1000.0 S.I.= 17134. SIGE= 14999.									
EL= 104 NODES= 3588 3589 3529 3528 MAT= 1 AREA= 36.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -11.64 27.25 -57.33 PRESS= 1000.0 0. MX,MY,MXY= 91.559 148.89 -42.552 TOP SX,SY,SXY,SZ= 16004. 7552.1 1942.7 0. SIG1,SIG2,SIG3= 16429. 7127.0 -.36359E-07 S.I.= 16429. SIGE= 14769. MID SX,SY,SXY,SZ= 15528. 6779.1 2163.6 -500.00 SIG1,SIG2,SIG3= 16034. 6273.3 -500.00 S.I.= 16534. SIGE= 14397. BOT SX,SY,SXY,SZ= 15053. 6006.1 2384.6 -1000.0 SIG1,SIG2,SIG3= 15643. 5416.0 -1000.0 S.I.= 16643. SIGE= 14539.									
EL= 105 NODES= 3589 3590 3530 3529 MAT= 1 AREA= 33.5 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -10.06 26.72 -58.62 PRESS= 1000.0 0. MX,MY,MXY= 138.99 174.31 -33.268 TOP SX,SY,SXY,SZ= 16223. 7734.0 1643.6 0. SIG1,SIG2,SIG3= 16530. 7426.9 -.35533E-07 S.I.= 16530. SIGE= 14340. MID SX,SY,SXY,SZ= 15501. 6829.0 1816.3 -500.00 SIG1,SIG2,SIG3= 15866. 6464.0 -500.00 S.I.= 16366. SIGE= 14226. BOT SX,SY,SXY,SZ= 14780. 5924.0 1989.0 -1000.0 SIG1,SIG2,SIG3= 15206. 5497.8 -1000.0 S.I.= 16206. SIGE= 14126.									
EL= 106 NODES= 3590 3591 3531 3530 MAT= 1 AREA= 30.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -8.487 26.31 -59.61 PRESS= 1000.0 0. MX,MY,MXY= 196.37 201.24 -21.970 TOP SX,SY,SXY,SZ= 16515. 7925.8 1350.3 0. SIG1,SIG2,SIG3= 16722. 7718.5 -.35291E-07 S.I.= 16722. SIGE= 14496. MID SX,SY,SXY,SZ= 15495. 6880.9 1464.4 -500.00 SIG1,SIG2,SIG3= 15737. 6638.8 -500.00 S.I.= 16237. SIGE= 14096. BOT SX,SY,SXY,SZ= 14476. 5836.1 1578.4 -1000.0 SIG1,SIG2,SIG3= 14755. 5556.7 -1000.0 S.I.= 15755. SIGE= 13708.									
EL= 107 NODES= 3591 3592 3532 3531 MAT= 1 AREA= 28.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -6.961 26.00 -60.36 PRESS= 1000.0 0. MX,MY,MXY= 273.06 232.16 -8.0157 TOP SX,SY,SXY,SZ= 16913. 8111.9 1082.6 0. SIG1,SIG2,SIG3= 17044. 7980.7 -.35511E-07 S.I.= 17044. SIGE= 14771. MID SX,SY,SXY,SZ= 15495. 6906.5 1124.3 -500.00 SIG1,SIG2,SIG3= 15640. 6761.8 -500.00 S.I.= 16140. SIGE= 14001. BOT SX,SY,SXY,SZ= 14077. 5701.2 1165.9 -1000.0 SIG1,SIG2,SIG3= 14237. 5541.9 -1000.0 S.I.= 15237. SIGE= 13239.									
EL= 108 NODES= 3592 3593 3533 3532 MAT= 1 AREA= 25.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -5.510 25.77 -60.91 PRESS= 1000.0 0. MX,MY,MXY= 377.35 268.99 8.0558 TOP SX,SY,SXY,SZ= 17452. 8274.5 851.33 0. SIG1,SIG2,SIG3= 17531. 8196.2 -.36520E-07 S.I.= 17531. SIGE= 15193. MID SX,SY,SXY,SZ= 15493. 6877.9 809.51 -500.00 SIG1,SIG2,SIG3= 15568. 6802.5 -500.00 S.I.= 16068. SIGE= 13935. BOT SX,SY,SXY,SZ= 13534. 5481.2 767.68 -1000.0 SIG1,SIG2,SIG3= 13606. 5408.7 -1000.0 S.I.= 14606. SIGE= 12681.									
EL= 109 NODES= 3481 3482 3422 3421 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									



XC, YC, ZC =	-1.825	10.31	-53.02	PRESS =	1000.0	0.				
MX, MY, MXY =	178.55	147.57	-70671E-01							
TOP SX, SY, SKY, SZ =	13735.	7814.2	-55.605	0.	SIG1, SIG2, SIG3 =	13735.	7813.7	-.23178E-07		
S.I. =	13735.	SIGE =	11933.							
MID SX, SY, SKY, SZ =	12808.	7048.0	-55.238	-500.00	SIG1, SIG2, SIG3 =	12808.	7047.5	-500.00		
S.I. =	13308.	SIGE =	11560.							
BOT SX, SY, SKY, SZ =	11881.	6281.8	-54.872	-1000.0	SIG1, SIG2, SIG3 =	11881.	6281.3	-1000.0		
S.I. =	12881.	SIGE =	11187.							
EL =	110	NODES =	3482 3483 3423 3422	MAT =	1	AREA =	17.0	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	-0.8762	10.23	-53.13	PRESS =	1000.0	0.				
MX, MY, MXY =	-588.23	-86.313	.48223							
TOP SX, SY, SKY, SZ =	9804.4	6345.0	-152.78	0.	SIG1, SIG2, SIG3 =	9811.1	6338.3	-.13654E-07		
S.I. =	9811.1	SIGE =	8616.6							
MID SX, SY, SKY, SZ =	12859.	6793.1	-155.28	-500.00	SIG1, SIG2, SIG3 =	12862.	6789.2	-500.00		
S.I. =	13362.	SIGE =	11588.							
BOT SX, SY, SKY, SZ =	15913.	7241.3	-157.79	-1000.0	SIG1, SIG2, SIG3 =	15915.	7238.4	-1000.0		
S.I. =	16915.	SIGE =	14651.							
EL =	111	NODES =	3534 3481 3421 3474	MAT =	1	AREA =	21.5	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	-2.894	10.44	-52.85	PRESS =	1000.0	0.				
MX, MY, MXY =	758.55	319.38	17.356							
TOP SX, SY, SKY, SZ =	16796.	9032.9	2.5630	0.	SIG1, SIG2, SIG3 =	16796.	9032.9	-.30373E-07		
S.I. =	16796.	SIGE =	14560.							
MID SX, SY, SKY, SZ =	12858.	7379.6	-87.551	-500.00	SIG1, SIG2, SIG3 =	12859.	7373.2	-500.00		
S.I. =	13359.	SIGE =	11631.							
BOT SX, SY, SKY, SZ =	8919.6	5716.4	-177.67	-1000.0	SIG1, SIG2, SIG3 =	8929.4	5706.6	-1000.0		
S.I. =	9929.4	SIGE =	8773.8							
EL =	112	NODES =	3483 3484 3424 3423	MAT =	1	AREA =	17.0	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	.8805E-01	10.22	-53.14	PRESS =	1000.0	0.				
MX, MY, MXY =	-472.72	-54.071	10.941							
TOP SX, SY, SKY, SZ =	10374.	6295.9	-75.597	0.	SIG1, SIG2, SIG3 =	10375.	6294.5	-.15958E-07		
S.I. =	10375.	SIGE =	9053.2							
MID SX, SY, SKY, SZ =	12828.	6576.6	-132.40	-500.00	SIG1, SIG2, SIG3 =	12831.	6573.8	-500.00		
S.I. =	13331.	SIGE =	11552.							
BOT SX, SY, SKY, SZ =	15283.	6857.4	-189.21	-1000.0	SIG1, SIG2, SIG3 =	15287.	6853.1	-1000.0		
S.I. =	16287.	SIGE =	14108.							
EL =	113	NODES =	3533 3534 3474 3473	MAT =	1	AREA =	23.6	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	-4.152	10.61	-52.63	PRESS =	1000.0	0.				
MX, MY, MXY =	653.15	287.78	22.562							
TOP SX, SY, SKY, SZ =	16289.	9101.8	51.018	0.	SIG1, SIG2, SIG3 =	16289.	9101.4	-.28066E-07		
S.I. =	16289.	SIGE =	14139.							
MID SX, SY, SKY, SZ =	12897.	7607.6	-66.124	-500.00	SIG1, SIG2, SIG3 =	12898.	7606.8	-500.00		
S.I. =	13398.	SIGE =	11688.							
BOT SX, SY, SKY, SZ =	9506.3	6113.5	-183.27	-1000.0	SIG1, SIG2, SIG3 =	9516.2	6103.6	-1000.0		
S.I. =	10516.	SIGE =	9292.4							
EL =	114	NODES =	3532 3533 3473 3472	MAT =	1	AREA =	25.9	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	-5.510	10.87	-52.30	PRESS =	1000.0	0.				
MX, MY, MXY =	504.36	241.35	19.822							
TOP SX, SY, SKY, SZ =	15568.	8946.4	69.811	0.	SIG1, SIG2, SIG3 =	15569.	8945.7	-.25885E-07		
S.I. =	15569.	SIGE =	13533.							
MID SX, SY, SKY, SZ =	12950.	7693.3	-33.103	-500.00	SIG1, SIG2, SIG3 =	12950.	7693.1	-500.00		
S.I. =	13450.	SIGE =	11740.							
BOT SX, SY, SKY, SZ =	10331.	6440.2	-136.02	-1000.0	SIG1, SIG2, SIG3 =	10336.	6435.4	-1000.0		
S.I. =	11336.	SIGE =	9974.9							
EL =	115	NODES =	3484 3485 3425 3424	MAT =	1	AREA =	17.0	TTOP, TBOT =	0.0 0.0	QUAD SHELL 63
XC, YC, ZC =	1.052	10.24	-53.12	PRESS =	1000.0	0.				
MX, MY, MXY =	-359.83	-16.252	14.594							
TOP SX, SY, SKY, SZ =	11049.	6348.3	-40.642	0.	SIG1, SIG2, SIG3 =	11049.	6347.9	-.18331E-07		
S.I. =	11049.	SIGE =	9604.1							

MID	SX,SY,SXY,SZ=	12813.	6432.7	-116.41	-500.00	SIG1,SIG2,SIG3=	12815.	6430.5	-500.00
	S.I.=	13315.	SIGE=	11535.					
BOT	SX,SY,SXY,SZ=	14577.	6517.0	-192.19	-1000.0	SIG1,SIG2,SIG3=	14582.	6512.5	-1000.0
	S.I.=	15582.	SIGE=	13492.					
EL= 116 NODES= 185 3486 3426 3425 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.012	10.29	-53.05		PRESS=	1000.0	0.	
	MX,MY,MXY=	-208.30	21.894	13.650					
TOP	SX,SY,SXY,SZ=	11727.	6457.0	-55.530	0.	SIG1,SIG2,SIG3=	11728.	6456.4	-.20624E-07
	S.I.=	11728.	SIGE=	10174.					
MID	SX,SY,SXY,SZ=	12809.	6343.3	-126.40	-500.00	SIG1,SIG2,SIG3=	12811.	6340.9	-500.00
	S.I.=	13311.	SIGE=	11529.					
BOT	SX,SY,SXY,SZ=	13890.	6229.7	-192.27	-1000.0	SIG1,SIG2,SIG3=	13895.	6224.6	-1000.0
	S.I.=	14895.	SIGE=	12902.					
EL= 117 NODES= 3486 3487 3427 3426 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.966	10.38	-52.93		PRESS=	1000.0	0.	
	MX,MY,MXY=	-92.876	55.809	11.217					
TOP	SX,SY,SXY,SZ=	12332.	6582.6	-86.464	0.	SIG1,SIG2,SIG3=	12334.	6581.3	-.22520E-07
	S.I.=	12334.	SIGE=	10689.					
MID	SX,SY,SXY,SZ=	12815.	6292.8	-144.70	-500.00	SIG1,SIG2,SIG3=	12818.	6289.6	-500.00
	S.I.=	13318.	SIGE=	11534.					
BOT	SX,SY,SXY,SZ=	13297.	6003.0	-202.94	-1000.0	SIG1,SIG2,SIG3=	13303.	5997.4	-1000.0
	S.I.=	14303.	SIGE=	12387.					
EL= 118 NODES= 3487 3488 3428 3427 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	3.909	10.50	-52.78		PRESS=	1000.0	0.	
	MX,MY,MXY=	10048E-01	83.218	8.4775					
TOP	SX,SY,SXY,SZ=	12830.	6698.6	-120.50	0.	SIG1,SIG2,SIG3=	12832.	6696.2	-.23975E-07
	S.I.=	12832.	SIGE=	11117.					
MID	SX,SY,SXY,SZ=	12830.	6266.5	-164.52	-500.00	SIG1,SIG2,SIG3=	12834.	6262.4	-500.00
	S.I.=	13334.	SIGE=	11548.					
BOT	SX,SY,SXY,SZ=	12830.	5834.4	-208.54	-1000.0	SIG1,SIG2,SIG3=	12836.	5828.2	-1000.0
	S.I.=	13836.	SIGE=	11983.					
EL= 119 NODES= 3488 3489 3429 3428 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	4.840	10.66	-52.58		PRESS=	1000.0	0.	
	MX,MY,MXY=	70.482	103.83	5.8126					
TOP	SX,SY,SXY,SZ=	13219.	6790.6	-155.07	0.	SIG1,SIG2,SIG3=	13223.	6786.8	-.25172E-07
	S.I.=	13223.	SIGE=	11452.					
MID	SX,SY,SXY,SZ=	12853.	6251.5	-165.25	-500.00	SIG1,SIG2,SIG3=	12858.	6246.3	-500.00
	S.I.=	13358.	SIGE=	11569.					
BOT	SX,SY,SXY,SZ=	12487.	5712.4	-215.43	-1000.0	SIG1,SIG2,SIG3=	12494.	5705.5	-1000.0
	S.I.=	13494.	SIGE=	11688.					
EL= 120 NODES= 3489 3490 3430 3429 MAT= 1 AREA= 16.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.753	10.84	-52.33		PRESS=	1000.0	0.	
	MX,MY,MXY=	120.58	118.03	3.5033					
TOP	SX,SY,SXY,SZ=	13509.	6350.5	-189.21	0.	SIG1,SIG2,SIG3=	13515.	6345.1	-.26109E-07
	S.I.=	13515.	SIGE=	11705.					
MID	SX,SY,SXY,SZ=	12883.	6237.6	-207.40	-500.00	SIG1,SIG2,SIG3=	12890.	6231.2	-500.00
	S.I.=	13390.	SIGE=	11596.					
BOT	SX,SY,SXY,SZ=	12257.	5624.8	-225.58	-1000.0	SIG1,SIG2,SIG3=	12265.	5617.2	-1000.0
	S.I.=	13265.	SIGE=	11488.					
EL= 121 NODES= 3490 3491 3431 3430 MAT= 1 AREA= 16.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	6.648	11.06	-52.05		PRESS=	1000.0	0.	
	MX,MY,MXY=	152.23	126.25	1.7487					
TOP	SX,SY,SXY,SZ=	13711.	6874.0	-222.44	0.	SIG1,SIG2,SIG3=	13719.	6866.8	-.26841E-07
	S.I.=	13719.	SIGE=	11881.					
MID	SX,SY,SXY,SZ=	12921.	6218.5	-231.52	-500.00	SIG1,SIG2,SIG3=	12929.	6210.5	-500.00
	S.I.=	13429.	SIGE=	11630.					
BOT	SX,SY,SXY,SZ=	12131.	5563.0	-240.60	-1000.0	SIG1,SIG2,SIG3=	12140.	5554.2	-1000.0
	S.I.=	13140.	SIGE=	11379.					

EL= 121	NODES= 3491 3492 3432 3431	MAT= 1	AREA= 16.5	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 7.520	11.31 -51.73	PRESS= 1000.0	0.		
MX,MY,MXY= 167.08	128.93	64481			
TOP SX,SY,SXY,SZ=	13834. 6860.2	-254.89	0.	SIG1,SIG2,SIG3= 13843. 6850.9	-.27350E-07
S.I.= 13843.	SIGE= 11989.				
MID SX,SY,SXY,SZ=	12966. 6190.8	-258.25	-500.00	SIG1,SIG2,SIG3= 12976. 6180.9	-500.00
S.I.= 13476.	SIGE= 11671.				
BOT SX,SY,SXY,SZ=	12099. 5521.4	-261.61	-1000.0	SIG1,SIG2,SIG3= 12109. 5511.0	-1000.0
S.I.= 13109.	SIGE= 11353.				
EL= 123	NODES= 3492 3493 3433 3432	MAT= 1	AREA= 16.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 8.366	11.59 -51.36	PRESS= 1000.0	0.		
MX,MY,MXY= 166.60	126.54	24250			
TOP SX,SY,SXY,SZ=	13884. 6810.5	-286.91	0.	SIG1,SIG2,SIG3= 13896. 6798.9	-.27795E-07
S.I.= 13896.	SIGE= 12035.				
MID SX,SY,SXY,SZ=	13019. 6153.5	-288.17	-500.00	SIG1,SIG2,SIG3= 13031. 6141.4	-500.00
S.I.= 13531.	SIGE= 11719.				
BOT SX,SY,SXY,SZ=	12154. 5496.4	-289.43	-1000.0	SIG1,SIG2,SIG3= 12167. 5483.9	-1000.0
S.I.= 13167.	SIGE= 11403.				
EL= 124	NODES= 3493 3494 3434 3433	MAT= 1	AREA= 16.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.184	11.90 -50.96	PRESS= 1000.0	0.		
MX,MY,MXY= 152.05	119.56	56061			
TOP SX,SY,SXY,SZ=	13870. 6728.6	-318.80	0.	SIG1,SIG2,SIG3= 13884. 6714.4	-.28013E-07
S.I.= 13884.	SIGE= 12026.				
MID SX,SY,SXY,SZ=	13080. 6107.8	-321.71	-500.00	SIG1,SIG2,SIG3= 13095. 6093.0	-500.00
S.I.= 13595.	SIGE= 11726.				
BOT SX,SY,SXY,SZ=	12291. 5487.1	-324.62	-1000.0	SIG1,SIG2,SIG3= 12306. 5471.6	-1000.0
S.I.= 13308.	SIGE= 11525.				
EL= 125	NODES= 3494 3495 3435 3434	MAT= 1	AREA= 16.1	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.971	12.23 -50.52	PRESS= 1000.0	0.		
MX,MY,MXY= 124.42	108.41	16190			
TOP SX,SY,SXY,SZ=	13797. 6619.7	-350.68	0.	SIG1,SIG2,SIG3= 13814. 6602.6	-.28136E-07
S.I.= 13814.	SIGE= 11967.				
MID SX,SY,SXY,SZ=	13151. 6056.8	-359.09	-500.00	SIG1,SIG2,SIG3= 13169. 6038.7	-500.00
S.I.= 13669.	SIGE= 11842.				
BOT SX,SY,SXY,SZ=	12505. 5493.9	-367.49	-1000.0	SIG1,SIG2,SIG3= 12524. 5474.7	-1000.0
S.I.= 13524.	SIGE= 11716.				
EL= 126	NODES= 3495 3496 3436 3435	MAT= 1	AREA= 16.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 10.72	12.60 -50.05	PRESS= 1000.0	0.		
MX,MY,MXY= 84.449	93.536	34389			
TOP SX,SY,SXY,SZ=	13670. 6490.6	-382.40	0.	SIG1,SIG2,SIG3= 13690. 6470.3	-.28168E-07
S.I.= 13690.	SIGE= 11862.				
MID SX,SY,SXY,SZ=	13232. 6005.0	-400.25	-500.00	SIG1,SIG2,SIG3= 13254. 5982.9	-500.00
S.I.= 13754.	SIGE= 11918.				
BOT SX,SY,SXY,SZ=	12793. 5519.3	-418.11	-1000.0	SIG1,SIG2,SIG3= 12817. 5495.4	-1000.0
S.I.= 13817.	SIGE= 11973.				
EL= 127	NODES= 3496 3497 3437 3436	MAT= 1	AREA= 15.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.44	12.99 -49.54	PRESS= 1000.0	0.		
MX,MY,MXY= 32.653	75.326	60558			
TOP SX,SY,SXY,SZ=	13493. 6348.9	-413.42	0.	SIG1,SIG2,SIG3= 13517. 6325.0	-.28090E-07
S.I.= 13517.	SIGE= 11714.				
MID SX,SY,SXY,SZ=	13323. 5957.8	-444.86	-500.00	SIG1,SIG2,SIG3= 13350. 5931.0	-500.00
S.I.= 13850.	SIGE= 12005.				
BOT SX,SY,SXY,SZ=	13154. 5566.7	-476.30	-1000.0	SIG1,SIG2,SIG3= 13183. 5536.9	-1000.0
S.I.= 14183.	SIGE= 12296.				
EL= 128	NODES= 3497 3498 3438 3437	MAT= 1	AREA= 15.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 12.12	13.40 -49.00	PRESS= 1000.0	0.		
MX,MY,MXY= -30.627	54.165	95308			



TOP	SX,SY,SKY,SZ=	13267.	6202.8	-442.75	0.	SIG1,SIG2,SIG3=	13295.	6175.1	-.27833E-07
	S.I.=	13295.	SIGE=	11523.					
MID	SX,SY,SKY,SZ=	13426.	5921.6	-492.24	-500.00	SIG1,SIG2,SIG3=	13458.	5889.4	-500.00
	S.I.=	13458.	SIGE=	12103.					
BOT	SX,SY,SKY,SZ=	13585.	5640.3	-541.72	-1000.0	SIG1,SIG2,SIG3=	13622.	5603.6	-1000.0
	S.I.=	14622.	SIGE=	12683.					
EL= 129 NODES= 3498 3499 3439 3438 MAT= 1 AREA= 15.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.76 13.84 -48.43 PRESS= 1000.0 0.									
MX,MY,MXY= -105.18 30.414 13.966									
TOP	SX,SY,SKY,SZ=	12995.	6060.6	-468.80	0.	SIG1,SIG2,SIG3=	13026.	6029.0	-.27423E-07
	S.I.=	13026.	SIGE=	11292.					
MID	SX,SY,SKY,SZ=	13541.	5902.7	-541.31	-500.00	SIG1,SIG2,SIG3=	13579.	5864.5	-500.00
	S.I.=	14079.	SIGE=	12212.					
BOT	SX,SY,SKY,SZ=	14087.	5744.7	-613.82	-1000.0	SIG1,SIG2,SIG3=	14132.	5699.8	-1000.0
	S.I.=	15132.	SIGE=	13133.					
EL= 130 NODES= 3499 3500 3440 3439 MAT= 1 AREA= 15.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.35 14.30 -47.83 PRESS= 1000.0 0.									
MX,MY,MXY= -190.84 4.4032 19.520									
TOP	SX,SY,SKY,SZ=	12676.	5929.8	-489.22	0.	SIG1,SIG2,SIG3=	12711.	5894.5	-.26683E-07
	S.I.=	12711.	SIGE=	11018.					
MID	SX,SY,SKY,SZ=	13667.	5906.9	-590.56	-500.00	SIG1,SIG2,SIG3=	13712.	5862.3	-500.00
	S.I.=	14212.	SIGE=	12330.					
BOT	SX,SY,SKY,SZ=	14658.	5884.1	-691.91	-1000.0	SIG1,SIG2,SIG3=	14712.	5829.8	-1000.0
	S.I.=	15712.	SIGE=	13646.					
EL= 131 NODES= 3500 3501 3441 3440 MAT= 1 AREA= 15.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.90 14.78 -47.21 PRESS= 1000.0 0.									
MX,MY,MXY= -287.39 -23.614 26.442									
TOP	SX,SY,SKY,SZ=	12311.	5816.1	-500.66	0.	SIG1,SIG2,SIG3=	12349.	5777.7	-.25696E-07
	S.I.=	12349.	SIGE=	10702.					
MID	SX,SY,SKY,SZ=	13803.	5938.7	-637.95	-500.00	SIG1,SIG2,SIG3=	13855.	5887.3	-500.00
	S.I.=	14355.	SIGE=	12457.					
BOT	SX,SY,SKY,SZ=	15295.	6061.3	-775.24	-1000.0	SIG1,SIG2,SIG3=	15360.	5996.7	-1000.0
	S.I.=	16360.	SIGE=	14217.					
EL= 132 NODES= 3501 3502 3442 3441 MAT= 1 AREA= 14.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.40 15.27 -46.56 PRESS= 1000.0 0.									
MX,MY,MXY= -393.15 -53.156 34.994									
TOP	SX,SY,SKY,SZ=	11907.	5724.2	-498.45	0.	SIG1,SIG2,SIG3=	11947.	5684.2	-.24493E-07
	S.I.=	11947.	SIGE=	10350.					
MID	SX,SY,SKY,SZ=	13948.	6000.1	-680.14	-500.00	SIG1,SIG2,SIG3=	14006.	5942.4	-500.00
	S.I.=	14506.	SIGE=	12589.					
BOT	SX,SY,SKY,SZ=	15990.	6276.1	-861.83	-1000.0	SIG1,SIG2,SIG3=	16065.	6200.3	-1000.0
	S.I.=	17065.	SIGE=	14839.					
EL= 133 NODES= 3502 3503 3443 3442 MAT= 1 AREA= 14.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 15.79 -45.89 PRESS= 1000.0 0.									
MX,MY,MXY= -507.34 -84.444 45.802									
TOP	SX,SY,SKY,SZ=	11469.	5652.8	-473.90	0.	SIG1,SIG2,SIG3=	11507.	5614.4	-.23021E-07
	S.I.=	11507.	SIGE=	9966.3					
MID	SX,SY,SKY,SZ=	14103.	6091.2	-711.71	-500.00	SIG1,SIG2,SIG3=	14165.	6028.5	-500.00
	S.I.=	14665.	SIGE=	12726.					
BOT	SX,SY,SKY,SZ=	16737.	6529.7	-949.51	-1000.0	SIG1,SIG2,SIG3=	16824.	6442.1	-1000.0
	S.I.=	17824.	SIGE=	15506.					
EL= 134 NODES= 3503 3504 3444 3443 MAT= 1 AREA= 14.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 16.32 -45.20 PRESS= 1000.0 0.									
MX,MY,MXY= -569.06 -106.02 56.229									
TOP	SX,SY,SKY,SZ=	11219.	5673.7	-449.38	0.	SIG1,SIG2,SIG3=	11255.	5637.5	-.21961E-07
	S.I.=	11255.	SIGE=	9747.1					
MID	SX,SY,SKY,SZ=	14277.	6224.1	-741.32	-500.00	SIG1,SIG2,SIG3=	14345.	6156.4	-500.00
	S.I.=	14845.	SIGE=	12879.					



BOT SX,SY,SXY,SZ= 17356.		6774.6	-1033.3	-1000.0	SIG1,SIG2,SIG3= 17436.	6674.4	-1000.0	
S.I.= 18436.		SIGE= 16040.						
EL= 135	NODES= 3504 3505 3445 3444	MAT= 1	AREA= 14.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 15.55		16.87	-44.48	PRESS= 1000.0	0.			
MX,MY,MXY= 23.121		82.179	8.7959					
TOP SX,SY,SXY,SZ= 14572.		6852.5	-657.01	0.	SIG1,SIG2,SIG3= 14627.	6777.1	-.30674E-07	
S.I.= 14627.		SIGE= 12679.						
MID SX,SY,SXY,SZ= 14452.		6405.8	-702.67	-500.00	SIG1,SIG2,SIG3= 14513.	6344.9	-500.00	
S.I.= 15013.		SIGE= 13018.						
BOT SX,SY,SXY,SZ= 14332.		5979.1	-748.34	-1000.0	SIG1,SIG2,SIG3= 14398.	5912.6	-1000.0	
S.I.= 15398.		SIGE= 13359.						
EL= 136	NODES= 3505 3506 3446 3445	MAT= 1	AREA= 17.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 15.82		17.50	-43.65	PRESS= 1000.0	0.			
MX,MY,MXY= 333.63		169.38	-27.251					
TOP SX,SY,SXY,SZ= 16281.		7530.4	-958.33	0.	SIG1,SIG2,SIG3= 16385.	7426.7	-.34907E-07	
S.I.= 16385.		SIGE= 14210.						
MID SX,SY,SXY,SZ= 14549.		6651.0	-816.84	-500.00	SIG1,SIG2,SIG3= 14632.	6567.4	-500.00	
S.I.= 15132.		SIGE= 13114.						
BOT SX,SY,SXY,SZ= 12817.		5771.6	-675.36	-1000.0	SIG1,SIG2,SIG3= 12881.	5707.5	-1000.0	
S.I.= 13881.		SIGE= 12023.						
EL= 137	NODES= 3506 3507 3447 3446	MAT= 1	AREA= 19.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 16.13		18.26	-42.67	PRESS= 1000.0	0.			
MX,MY,MXY= 261.04		130.58	-25.751					
TOP SX,SY,SXY,SZ= 16081.		7536.8	-1027.2	0.	SIG1,SIG2,SIG3= 16203.	7415.0	-.34422E-07	
S.I.= 16203.		SIGE= 14049.						
MID SX,SY,SXY,SZ= 14726.		6858.8	-893.51	-500.00	SIG1,SIG2,SIG3= 14826.	6758.6	-500.00	
S.I.= 15326.		SIGE= 13279.						
BOT SX,SY,SXY,SZ= 13371.		6180.8	-759.81	-1000.0	SIG1,SIG2,SIG3= 13450.	6101.4	-1000.0	
S.I.= 14450.		SIGE= 12515.						
EL= 138	NODES= 3507 3508 3448 3447	MAT= 1	AREA= 20.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 16.34		19.11	-41.56	PRESS= 1000.0	0.			
MX,MY,MXY= 130.19		68.648	-15.534					
TOP SX,SY,SXY,SZ= 15647.		7430.0	-1039.4	0.	SIG1,SIG2,SIG3= 15777.	7300.6	-.33131E-07	
S.I.= 15777.		SIGE= 13675.						
MID SX,SY,SXY,SZ= 14971.		7073.6	-958.70	-500.00	SIG1,SIG2,SIG3= 15086.	6958.9	-500.00	
S.I.= 15586.		SIGE= 13502.						
BOT SX,SY,SXY,SZ= 14295.		6717.2	-878.05	-1000.0	SIG1,SIG2,SIG3= 14396.	6616.8	-1000.0	
S.I.= 15396.		SIGE= 13333.						
EL= 139	NODES= 3508 3509 3449 3448	MAT= 1	AREA= 21.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 16.44		20.05	-40.33	PRESS= 1000.0	0.			
MX,MY,MXY= -7.0034		-1.3230	-3.2551					
TOP SX,SY,SXY,SZ= 15221.		7324.9	-1030.4	0.	SIG1,SIG2,SIG3= 15353.	7192.7	-.31905E-07	
S.I.= 15353.		SIGE= 13305.						
MID SX,SY,SXY,SZ= 15257.		7331.8	-1013.5	-500.00	SIG1,SIG2,SIG3= 15385.	7204.3	-500.00	
S.I.= 15885.		SIGE= 13759.						
BOT SX,SY,SXY,SZ= 15294.		7338.7	-996.58	-1000.0	SIG1,SIG2,SIG3= 15417.	7215.7	-1000.0	
S.I.= 16417.		SIGE= 14217.						
EL= 140	NODES= 3509 3510 3450 3449	MAT= 1	AREA= 23.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			
XC,YC,ZC= 16.37		21.10	-38.97	PRESS= 1000.0	0.			
MX,MY,MXY= -141.43		-75.730	9.8727					
TOP SX,SY,SXY,SZ= 14849.		7256.0	-1008.3	0.	SIG1,SIG2,SIG3= 14981.	7124.3	-.30756E-07	
S.I.= 14981.		SIGE= 12979.						
MID SX,SY,SXY,SZ= 15583.		7649.1	-1059.6	-500.00	SIG1,SIG2,SIG3= 15722.	7510.1	-500.00	
S.I.= 16222.		SIGE= 14049.						
BOT SX,SY,SXY,SZ= 16318.		8042.3	-1110.9	-1000.0	SIG1,SIG2,SIG3= 13464.	7895.8	-1000.0	
S.I.= 17484.		SIGE= 15125.						
EL= 141	NODES= 3510 3511 3451 3450	MAT= 1	AREA= 24.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63			

EL= 142	NODES= 3511 3512 3452 3451	MAT= 1	AREA= 26.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09 22.24 -37.48	PRESS= 1000.0 0.				
MX, MY, MXY= -247.17 -142.49 20.514					
TOP SX, SY, SKY, SZ= 14665. 7284.4 -987.95 0.	SIG1, SIG2, SIG3= 14795. 7154.5 -.29880E-07				
S.I.= 14795. SIGE= 12815.					
MID SX, SY, SKY, SZ= 15948. 8024.2 -1094.5 -500.00	SIG1, SIG2, SIG3= 16097. 7875.9 -500.00				
S.I.= 16597. SIGE= 14373.					
BOT SX, SY, SKY, SZ= 17232. 8764.1 -1211.0 -1000.0	SIG1, SIG2, SIG3= 17399. 8597.0 -1000.0				
S.I.= 18399. SIGE= 15939.					
EL= 143	NODES= 3512 3513 3453 3452	MAT= 1	AREA= 27.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52 23.47 -35.88	PRESS= 1000.0 0.				
MX, MY, MXY= -291.60 -186.84 23.562					
TOP SX, SY, SKY, SZ= 14837. 7455.0 -993.56 0.	SIG1, SIG2, SIG3= 14968. 7323.6 -.29888E-07				
S.I.= 14968. SIGE= 12964.					
MID SX, SY, SKY, SZ= 16351. 8425.1 -1115.9 -500.00	SIG1, SIG2, SIG3= 16505. 8271.0 -500.00				
S.I.= 17005. SIGE= 14729.					
BOT SX, SY, SKY, SZ= 17865. 9395.2 -1238.2 -1000.0	SIG1, SIG2, SIG3= 18042. 9217.9 -1000.0				
S.I.= 19042. SIGE= 16506.					
EL= 144	NODES= 3513 3514 3454 3453	MAT= 1	AREA= 29.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60 24.75 -34.20	PRESS= 1000.0 0.				
MX, MY, MXY= -255.94 -200.77 15.033					
TOP SX, SY, SKY, SZ= 15463. 7736.2 -1047.6 0.	SIG1, SIG2, SIG3= 15603. 7596.7 -.31313E-07				
S.I.= 15603. SIGE= 13514.					
MID SX, SY, SKY, SZ= 16792. 8778.6 -1125.7 -500.00	SIG1, SIG2, SIG3= 16947. 8623.4 -500.00				
S.I.= 17447. SIGE= 15115.					
BOT SX, SY, SKY, SZ= 18121. 9820.9 -1203.7 -1000.0	SIG1, SIG2, SIG3= 18292. 9649.9 -1000.0				
S.I.= 19292. SIGE= 16737.					
EL= 145	NODES= 3514 3515 3455 3454	MAT= 1	AREA= 30.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36 27.35 -30.82	PRESS= 1000.0 0.				
MX, MY, MXY= -11.380 -160.77 -25.740					
TOP SX, SY, SKY, SZ= 17756. 8132.3 -1227.3 0.	SIG1, SIG2, SIG3= 17910. 7978.2 -.38890E-07				
S.I.= 17910. SIGE= 15541.					
MID SX, SY, SKY, SZ= 17815. 8967.0 -1093.7 -500.00	SIG1, SIG2, SIG3= 17948. 8833.9 -500.00				
S.I.= 18448. SIGE= 15977.					
BOT SX, SY, SKY, SZ= 17874. 9801.8 -960.06 -1000.0	SIG1, SIG2, SIG3= 17987. 9689.2 -1000.0				
S.I.= 18987. SIGE= 16486.					
EL= 146	NODES= 3515 3516 3456 3455	MAT= 1	AREA= 31.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905 28.52 -29.30	PRESS= 1000.0 0.				
MX, MY, MXY= 96.300 -17.93 -38.480					
TOP SX, SY, SKY, SZ= 18892. 8034.2 -1188.9 0.	SIG1, SIG2, SIG3= 19021. 7905.6 -.43493E-07				
S.I.= 19021. SIGE= 16551.					
MID SX, SY, SKY, SZ= 18392. 8750.3 -989.13 -500.00	SIG1, SIG2, SIG3= 18493. 8649.9 -500.00				
S.I.= 18993. SIGE= 16452.					
BOT SX, SY, SKY, SZ= 17892. 9466.4 -789.34 -1000.0	SIG1, SIG2, SIG3= 17965. 9393.1 -1000.0				
S.I.= 18966. SIGE= 16450.					
EL= 147	NODES= 3516 3517 3457 3456	MAT= 1	AREA= 33.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824 29.45 -28.09	PRESS= 1000.0 0.				
MX, MY, MXY= 131.26 -128.33 -34.944					
TOP SX, SY, SKY, SZ= 19614. 7796.5 -928.77 0.	SIG1, SIG2, SIG3= 19686. 7724.0 -.46757E-07				
S.I.= 19686. SIGE= 17180.					

MID	SX,SY,SXY,SZ=	18932.	8462.8	-747.34	-500.00	SIG1,SIG2,SIG3=	18985.	8409.7	-500.00
	S.I.=	16485.	SIGE=	16895.					
BOT	SX,SY,SXY,SZ=	18251.	9129.0	-565.91	-1000.0	SIG1,SIG2,SIG3=	18286.	9094.1	-1000.0
	S.I.=	19286.	SIGE=	16708.					
EL= 148 NODES= 3517 3518 3458 3457 MAT= 1 AREA= 36.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	2.137	30.00	-27.37	PRESS=	1000.0	0.			
MX,MY,MXY=	103.80	-127.63	-19.798						
TOP	SX,SY,SXY,SZ=	17813.	7561.5	-437.59	0.	SIG1,SIG2,SIG3=	19829.	7545.9	-.48006E-07
	S.I.=	19829.	SIGE=	17335.					
MID	SX,SY,SXY,SZ=	19274.	8224.2	-334.79	-500.00	SIG1,SIG2,SIG3=	19284.	8214.1	-500.00
	S.I.=	19784.	SIGE=	17174.					
BOT	SX,SY,SXY,SZ=	18735.	8886.9	-232.00	-1000.0	SIG1,SIG2,SIG3=	18740.	8881.4	-1000.0
	S.I.=	19740.	SIGE=	17096.					
EL= 149 NODES= 3518 3519 3459 3458 MAT= 1 AREA= 40.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	-2.048	29.99	-27.38	PRESS=	1000.0	0.			
MX,MY,MXY=	99.341	-114.11	-1.9460						
TOP	SX,SY,SXY,SZ=	19731.	7437.6	204.80	0.	SIG1,SIG2,SIG3=	19734.	7434.2	-.48157E-07
	S.I.=	19734.	SIGE=	17263.					
MID	SX,SY,SXY,SZ=	19215.	8030.0	214.90	-500.00	SIG1,SIG2,SIG3=	19219.	8025.9	-500.00
	S.I.=	19719.	SIGE=	17129.					
BOT	SX,SY,SXY,SZ=	18699.	8622.5	225.01	-1000.0	SIG1,SIG2,SIG3=	18704.	8617.5	-1000.0
	S.I.=	19704.	SIGE=	17066.					
EL= 150 NODES= 3519 3520 3460 3459 MAT= 1 AREA= 45.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	-6.484	29.23	-28.37	PRESS=	1000.0	0.			
MX,MY,MXY=	264.55	-41.433	21.878						
TOP	SX,SY,SXY,SZ=	19983.	7763.7	893.89	0.	SIG1,SIG2,SIG3=	20048.	7698.6	-.48311E-07
	S.I.=	20048.	SIGE=	17517.					
MID	SX,SY,SXY,SZ=	18609.	7978.8	780.30	-500.00	SIG1,SIG2,SIG3=	18666.	7921.8	-500.00
	S.I.=	19166.	SIGE=	16639.					
BOT	SX,SY,SXY,SZ=	17236.	8193.9	666.71	-1000.0	SIG1,SIG2,SIG3=	17285.	8145.0	-1000.0
	S.I.=	18285.	SIGE=	15835.					
EL= 151 NODES= 3520 3521 3461 3460 MAT= 1 AREA= 49.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	-10.58	27.69	-30.38	PRESS=	1000.0	0.			
MX,MY,MXY=	219.50	-21.005	32.633						
TOP	SX,SY,SXY,SZ=	18770.	8126.2	1310.2	0.	SIG1,SIG2,SIG3=	18929.	7967.3	-.42811E-07
	S.I.=	18929.	SIGE=	16461.					
MID	SX,SY,SXY,SZ=	17630.	8235.3	1140.7	-500.00	SIG1,SIG2,SIG3=	17767.	8098.8	-500.00
	S.I.=	18267.	SIGE=	15829.					
BOT	SX,SY,SXY,SZ=	16491.	8344.3	971.29	-1000.0	SIG1,SIG2,SIG3=	16605.	8230.1	-1000.0
	S.I.=	17605.	SIGE=	15252.					
EL= 152 NODES= 3521 3522 3462 3461 MAT= 1 AREA= 48.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	-13.65	25.61	-33.09	PRESS=	1000.0	0.			
MX,MY,MXY=	-107.33	-83.820	3.3339						
TOP	SX,SY,SXY,SZ=	16123.	7965.7	1255.7	0.	SIG1,SIG2,SIG3=	16312.	7776.8	-.33395E-07
	S.I.=	16312.	SIGE=	14132.					
MID	SX,SY,SXY,SZ=	16680.	8400.9	1238.4	-500.00	SIG1,SIG2,SIG3=	16862.	8219.6	-500.00
	S.I.=	17362.	SIGE=	15036.					
BOT	SX,SY,SXY,SZ=	17238.	8836.1	1221.1	-1000.0	SIG1,SIG2,SIG3=	17412.	8662.2	-1000.0
	S.I.=	18412.	SIGE=	15951.					
EL= 153 NODES= 3522 3523 3463 3462 MAT= 1 AREA= 47.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC=	-15.50	23.35	-36.04	PRESS=	1000.0	0.			
MX,MY,MXY=	-301.26	-99.121	-29.353						
TOP	SX,SY,SXY,SZ=	14338.	7516.2	1050.9	0.	SIG1,SIG2,SIG3=	14496.	7358.0	-.27914E-07
	S.I.=	14496.	SIGE=	12554.					
MID	SX,SY,SXY,SZ=	15902.	8030.8	1203.3	-500.00	SIG1,SIG2,SIG3=	15082.	7851.0	-500.00
	S.I.=	16582.	SIGE=	14360.					
BOT	SX,SY,SXY,SZ=	17466.	8545.4	1355.7	-1000.0	SIG1,SIG2,SIG3=	17668.	8344.0	-1000.0
	S.I.=	18668.	SIGE=	16167.					



EL= 154	NODES= 3523 3524 3464 3463	MAT= 1	AREA= 46.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.30	21.11 -38.96	PRESS= 1000.0	0.		
MX, MY, MXY= -33.01	-66.860 -45.732				
TOP SX, SY, SXY, SZ= 13459.	6995.6	869.96	0.	SIG1, SIG2, SIG3= 13574.	6880.6 -2.26250E-07
S.I.= 13574.	SIGE= 11756.				
MID SX, SY, SXY, SZ= 15240.	7342.8	1107.4	-500.00	SIG1, SIG2, SIG3= 15392.	7190.4 -500.00
S.I.= 15892.	SIGE= 13785.				
BOT SX, SY, SXY, SZ= 17020.	7689.9	1344.8	-1000.0	SIG1, SIG2, SIG3= 17210.	7500.0 -1000.0
S.I.= 18210.	SIGE= 15782.				
EL= 155	NODES= 3524 3525 3465 3464	MAT= 1	AREA= 45.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.26	19.03 -41.67	PRESS= 1000.0	0.		
MX, MY, MXY= -280.66	-24.034 -43.668				
TOP SX, SY, SXY, SZ= 13210.	6643.0	726.53	0.	SIG1, SIG2, SIG3= 13290.	6563.6 -2.26423E-07
S.I.= 13290.	SIGE= 11510.				
MID SX, SY, SXY, SZ= 14667.	6761.8	953.26	-500.00	SIG1, SIG2, SIG3= 14711.	6654.4 -500.00
S.I.= 15281.	SIGE= 13243.				
BOT SX, SY, SXY, SZ= 16125.	6892.6	1180.0	-1000.0	SIG1, SIG2, SIG3= 17273.	6744.2 -1000.0
S.I.= 17273.	SIGE= 14986.				
EL= 156	NODES= 3525 3526 3466 3465	MAT= 1	AREA= 43.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60	17.18 -44.07	PRESS= 1000.0	0.		
MX, MY, MXY= -171.37	13.510 -31.712				
TOP SX, SY, SXY, SZ= 13309.	6523.7	593.32	0.	SIG1, SIG2, SIG3= 13361.	6521.9 -2.26762E-07
S.I.= 13361.	SIGE= 11572.				
MID SX, SY, SXY, SZ= 14199.	6503.6	757.97	-500.00	SIG1, SIG2, SIG3= 14273.	6429.6 -500.00
S.I.= 14273.	SIGE= 12802.				
BOT SX, SY, SXY, SZ= 15088.	6433.5	922.61	-1000.0	SIG1, SIG2, SIG3= 15186.	6336.2 -1000.0
S.I.= 16186.	SIGE= 14038.				
EL= 157	NODES= 3526 3527 3467 3466	MAT= 1	AREA= 41.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.52	15.60 -46.13	PRESS= 1000.0	0.		
MX, MY, MXY= -62.586	46.437 -19.073				
TOP SX, SY, SXY, SZ= 13510.	6764.5	455.43	0.	SIG1, SIG2, SIG3= 13541.	6733.9 -2.26687E-07
S.I.= 13541.	SIGE= 11727.				
MID SX, SY, SXY, SZ= 13835.	6523.4	554.48	-500.00	SIG1, SIG2, SIG3= 13877.	6481.6 -500.00
S.I.= 14377.	SIGE= 12452.				
BOT SX, SY, SXY, SZ= 14160.	6282.3	653.53	-1000.0	SIG1, SIG2, SIG3= 14214.	6228.5 -1000.0
S.I.= 15214.	SIGE= 13181.				
EL= 158	NODES= 3527 3528 3468 3467	MAT= 1	AREA= 38.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.15	14.29 -47.84	PRESS= 1000.0	0.		
MX, MY, MXY= 24.451	74.442 -9.6506				
TOP SX, SY, SXY, SZ= 13689.	7107.8	321.58	0.	SIG1, SIG2, SIG3= 13705.	7092.1 -2.25824E-07
S.I.= 13705.	SIGE= 11871.				
MID SX, SY, SXY, SZ= 13562.	6721.3	371.69	-500.00	SIG1, SIG2, SIG3= 13582.	6701.1 -500.00
S.I.= 14082.	SIGE= 12197.				
BOT SX, SY, SXY, SZ= 13435.	6334.8	421.79	-1000.0	SIG1, SIG2, SIG3= 13460.	6309.8 -1000.0
S.I.= 14460.	SIGE= 12523.				
EL= 159	NODES= 3528 3529 3469 3468	MAT= 1	AREA= 36.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -11.64	13.22 -49.23	PRESS= 1000.0	0.		
MX, MY, MXY= 95.491	99.726 -2.8947				
TOP SX, SY, SXY, SZ= 13856.	7514.8	209.54	0.	SIG1, SIG2, SIG3= 13862.	7507.9 -2.24809E-07
S.I.= 13862.	SIGE= 12019.				
MID SX, SY, SXY, SZ= 13360.	6997.1	224.57	-500.00	SIG1, SIG2, SIG3= 13368.	6989.2 -500.00
S.I.= 13868.	SIGE= 12023.				
BOT SX, SY, SXY, SZ= 12864.	6479.3	239.60	-1000.0	SIG1, SIG2, SIG3= 12873.	6470.3 -1000.0
S.I.= 13873.	SIGE= 12026.				
EL= 160	NODES= 3529 3530 3470 3469	MAT= 1	AREA= 33.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -10.06	12.38 -50.33	PRESS= 1000.0	0.		
MX, MY, MXY= 166.91	126.38 2.9721				



TOP	SX,SY,SXY,SZ=	14077.	7933.2	131.31	0.	SIG1,SIG2,SIG3=	14080.	7930.4	-.24105E-07
	S.I.=	14080.	SIGE=	12226.					
MID	SX,SY,SXY,SZ=	13210.	7277.1	115.87	-500.00	SIG1,SIG2,SIG3=	13213.	7274.8	-500.00
	S.I.=	13213.	SIGE=	11911.					
BOT	SX,SY,SXY,SZ=	12344.	6620.9	100.44	-1000.0	SIG1,SIG2,SIG3=	12345.	6619.2	-1000.0
	S.I.=	13345.	SIGE=	11596.					
EL= 161 NODES= 3530 3531 3471 3470 MAT= 1 AREA= 30.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -8.487 11.72 -51.19 PRESS= 1000.0 0.									
MX,MY,MXY= 254.16 158.05 8.9601									
TOP	SX,SY,SXY,SZ=	14419.	8330.4	88.521	0.	SIG1,SIG2,SIG3=	14420.	8329.1	-.23769E-07
	S.I.=	14420.	SIGE=	12538.					
MID	SX,SY,SXY,SZ=	13099.	7509.8	42.000	-500.00	SIG1,SIG2,SIG3=	13099.	7509.5	-500.00
	S.I.=	13599.	SIGE=	11839.					
BOT	SX,SY,SXY,SZ=	11779.	6689.2	-4.5210	-1000.0	SIG1,SIG2,SIG3=	11779.	6689.2	-1000.0
	S.I.=	12779.	SIGE=	11143.					
EL= 162 NODES= 3531 3532 3472 3471 MAT= 1 AREA= 28.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -6.961 11.23 -51.83 PRESS= 1000.0 0.									
MX,MY,MXY= 366.50 196.57 14.847									
TOP	SX,SY,SXY,SZ=	14918.	8677.9	73.174	0.	SIG1,SIG2,SIG3=	14919.	8677.0	-.24433E-07
	S.I.=	14919.	SIGE=	12977.					
MID	SX,SY,SXY,SZ=	13015.	7657.3	-3.9112	-500.00	SIG1,SIG2,SIG3=	13015.	7657.3	-500.00
	S.I.=	13515.	SIGE=	11788.					
BOT	SX,SY,SXY,SZ=	11112.	6636.7	-80.997	-1000.0	SIG1,SIG2,SIG3=	11114.	6635.3	-1000.0
	S.I.=	12114.	SIGE=	10609.					
EL= 163 NODES= 3421 3422 3362 3361 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -1.825 -2.022 -40.69 PRESS= 1000.0 0.									
MX,MY,MXY= -64.507 -441.85 25.881									
TOP	SX,SY,SXY,SZ=	12542.	5114.7	480.30	0.	SIG1,SIG2,SIG3=	12573.	5085.8	-.29298E-07
	S.I.=	12573.	SIGE=	10955.					
MID	SX,SY,SXY,SZ=	12877.	7408.8	345.93	-500.00	SIG1,SIG2,SIG3=	12899.	7387.0	-500.00
	S.I.=	13399.	SIGE=	11664.					
BOT	SX,SY,SXY,SZ=	13212.	9702.9	211.56	-1000.0	SIG1,SIG2,SIG3=	13225.	9690.2	-1000.0
	S.I.=	14225.	SIGE=	12828.					
EL= 164 NODES= 3422 3423 3363 3362 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -.8762 -2.127 -40.77 PRESS= 1000.0 0.									
MX,MY,MXY= -774.75 -663.83 8.7380									
TOP	SX,SY,SXY,SZ=	8838.4	3587.2	188.16	0.	SIG1,SIG2,SIG3=	8845.2	3580.4	-.20630E-07
	S.I.=	8845.2	SIGE=	7706.3					
MID	SX,SY,SXY,SZ=	12861.	7033.8	142.80	-500.00	SIG1,SIG2,SIG3=	12864.	7030.3	-500.00
	S.I.=	13364.	SIGE=	11505.					
BOT	SX,SY,SXY,SZ=	16883.	10480.	97.429	-1000.0	SIG1,SIG2,SIG3=	16885.	10479.	-1000.0
	S.I.=	17885.	SIGE=	15695.					
EL= 165 NODES= 3474 3421 3361 3414 MAT= 1 AREA= 21.5 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.894 -1.853 -40.56 PRESS= 1000.0 0.									
MX,MY,MXY= 567.87 -257.75 25.222									
TOP	SX,SY,SXY,SZ=	15815.	6428.4	444.53	0.	SIG1,SIG2,SIG3=	15837.	6407.4	-.36831E-07
	S.I.=	15837.	SIGE=	13798.					
MID	SX,SY,SXY,SZ=	12867.	7766.7	313.58	-500.00	SIG1,SIG2,SIG3=	12886.	7747.5	-500.00
	S.I.=	13386.	SIGE=	11697.					
BOT	SX,SY,SXY,SZ=	9918.8	9105.0	182.63	-1000.0	SIG1,SIG2,SIG3=	9957.9	9065.9	-1000.0
	S.I.=	10958.	SIGE=	10540.					
EL= 166 NODES= 3423 3424 3364 3363 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= .8805E-01 -2.145 -40.78 PRESS= 1000.0 0.									
MX,MY,MXY= -673.31 -634.13 3.5536									
TOP	SX,SY,SXY,SZ=	9367.1	3587.7	9.8652	0.	SIG1,SIG2,SIG3=	9367.1	3587.7	-.22629E-07
	S.I.=	9367.1	SIGE=	8185.8					
MID	SX,SY,SXY,SZ=	12863.	6880.1	-8.5849	-500.00	SIG1,SIG2,SIG3=	12863.	6880.1	-500.00
	S.I.=	13363.	SIGE=	11594.					

BOT SX,SY,SXY,SZ= 16359. 10173. -27.035 -1000.0 SIG1,SIG2,SIG3= 16359. 10172. -1000.0 S.I.= 17359. SIGE= 15239.									
EL= 167 NODES= 3473 3474 3416 3413 MAT= 1 AREA= 23.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -4.152 -1.634 -40.39 PRESS= 1000.0 0. MX,MY,MXY= 453.89 -293.79 26.122 TOP SX,SY,SXY,SZ= 15255. 6628.4 561.16 0. SIG1,SIG2,SIG3= 15291. 6392.9 -.34849E-07 S.I.= 15291. SIGE= 13301. MID SX,SY,SXY,SZ= 12899. 7953.7 425.53 -500.00 SIG1,SIG2,SIG3= 12935. 7917.4 -500.00 S.I.= 13435. SIGE= 11759. BOT SX,SY,SXY,SZ= 10542. 9479.1 289.91 -1000.0 SIG1,SIG2,SIG3= 10616. 9405.2 -1000.0 S.I.= 11616. SIGE= 11060.									
EL= 168 NODES= 3424 3425 3365 3364 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 1.052 -2.119 -40.76 PRESS= 1000.0 0. MX,MY,MXY= -550.70 -598.13 2.4441 TOP SX,SY,SXY,SZ= 9998.1 3642.1 -134.14 0. SIG1,SIG2,SIG3= 10001. 3639.3 -.24846E-07 S.I.= 10001. SIGE= 8767.4 MID SX,SY,SXY,SZ= 12857. 6747.6 -146.83 -500.00 SIG1,SIG2,SIG3= 12861. 6744.0 -500.00 S.I.= 13361. SIGE= 11585. BOT SX,SY,SXY,SZ= 15717. 9853.0 -159.52 -1000.0 SIG1,SIG2,SIG3= 15721. 9848.7 -1000.0 S.I.= 16721. SIGE= 14693.									
EL= 169 NODES= 3472 3473 3413 3412 MAT= 1 AREA= 25.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -5.510 -1.303 -40.13 PRESS= 1000.0 0. MX,MY,MXY= 305.10 -340.72 30.188 TOP SX,SY,SXY,SZ= 14524. 6300.9 707.50 0. SIG1,SIG2,SIG3= 14584. 6240.5 -.32610E-07 S.I.= 14584. SIGE= 12674. MID SX,SY,SXY,SZ= 12940. 8069.9 550.77 -500.00 SIG1,SIG2,SIG3= 13001. 8008.4 -500.00 S.I.= 13501. SIGE= 11824. BOT SX,SY,SXY,SZ= 11356. 9839.0 394.03 -1000.0 SIG1,SIG2,SIG3= 11452. 9742.7 -1000.0 S.I.= 12452. SIGE= 11691.									
EL= 170 NODES= 3471 3472 3412 3411 MAT= 1 AREA= 28.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -6.981 -.8318 -39.77 PRESS= 1000.0 0. MX,MY,MXY= 173.39 -384.26 33.174 TOP SX,SY,SXY,SZ= 13893. 6083.4 879.71 0. SIG1,SIG2,SIG3= 13991. 5985.5 -.31317E-07 S.I.= 13991. SIGE= 12158. MID SX,SY,SXY,SZ= 12993. 8078.5 707.48 -500.00 SIG1,SIG2,SIG3= 13092. 7978.7 -500.00 S.I.= 13592. SIGE= 11891. BOT SX,SY,SXY,SZ= 12092. 10074. 535.24 -1000.0 SIG1,SIG2,SIG3= 12225. 9940.5 -1000.0 S.I.= 13225. SIGE= 12244.									
EL= 171 NODES= 3425 3426 3366 3365 MAT= 1 AREA= 17.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 2.012 -2.049 -40.71 PRESS= 1000.0 0. MX,MY,MXY= -433.23 -563.52 2.0899 TOP SX,SY,SXY,SZ= 10607. 3726.2 -252.74 0. SIG1,SIG2,SIG3= 10616. 3716.9 -.27000E-07 S.I.= 10616. SIGE= 9330.6 MID SX,SY,SXY,SZ= 12856. 6652.0 -263.59 -500.00 SIG1,SIG2,SIG3= 12867. 6640.8 -500.00 S.I.= 13367. SIGE= 11586. BOT SX,SY,SXY,SZ= 15106. 9577.8 -274.44 -1000.0 SIG1,SIG2,SIG3= 15119. 9564.2 -1000.0 S.I.= 16119. SIGE= 14182.									
EL= 172 NODES= 3426 3427 3367 3366 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 2.966 -1.935 -40.62 PRESS= 1000.0 0. MX,MY,MXY= -327.01 -532.00 -12385 TOP SX,SY,SXY,SZ= 11165. 3831.9 -373.34 0. SIG1,SIG2,SIG3= 11184. 3812.9 -.28856E-07 S.I.= 11184. SIGE= 9847.3 MID SX,SY,SXY,SZ= 12862. 6594.0 -373.98 -500.00 SIG1,SIG2,SIG3= 12885. 6571.8 -500.00 S.I.= 13385. SIGE= 11598. BOT SX,SY,SXY,SZ= 14560. 9356.1 -374.63 -1000.0 SIG1,SIG2,SIG3= 14587. 9329.3 -1000.0 S.I.= 15587. SIGE= 13735.									
EL= 173 NODES= 3427 3428 3368 3367 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									

XC, YC, ZC = 5.909 -1.777 -40.50	PRESS = 1000.0 0.			
MX, MY, MXY = -235.43 -504.68 -3.4414				
TOP SX, SY, SKY, SZ = 11653. 3942.1 -500.76 0.	SIG1, SIG2, SIG3 = 11685. 3909.7 -.30387E-07			
S.I. = 11685. SIGE = 10303.				
MID SX, SY, SKY, SZ = 12875. 6562.4 -482.90 -500.00	SIG1, SIG2, SIG3 = 12912. 6525.7 -500.00			
S.I. = 13412. SIGE = 11619.				
BOT SX, SY, SKY, SZ = 14097. 9182.7 -465.03 -1000.0	SIG1, SIG2, SIG3 = 14141. 9139.1 -1000.0			
S.I. = 15141. SIGE = 13362.				
EL = 174 NODES = 3428 3429 3368 3368	MAT = 1 AREA = 16.8	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 4.840 -1.577 -40.34	PRESS = 1000.0 0.			
MX, MY, MXY = -161.04 -482.48 -7.9017				
TOP SX, SY, SKY, SZ = 12058. 4041.3 -631.61 0.	SIG1, SIG2, SIG3 = 12108. 3991.9 -.31744E-07			
S.I. = 12108. SIGE = 10686.				
MID SX, SY, SKY, SZ = 12894. 6546.3 -590.59 -500.00	SIG1, SIG2, SIG3 = 12949. 6491.9 -500.00			
S.I. = 13449. SIGE = 11650.				
BOT SX, SY, SKY, SZ = 13730. 9051.4 -549.56 -1000.0	SIG1, SIG2, SIG3 = 13794. 8987.7 -1000.0			
S.I. = 14794. SIGE = 13071.				
EL = 175 NODES = 3429 3430 3370 3369	MAT = 1 AREA = 16.7	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 5.753 -1.334 -40.16	PRESS = 1000.0 0.			
MX, MY, MXY = -105.15 -465.94 -12.693				
TOP SX, SY, SKY, SZ = 12374. 4118.5 -762.82 0.	SIG1, SIG2, SIG3 = 12444. 4048.6 -.32861E-07			
S.I. = 12444. SIGE = 10994.				
MID SX, SY, SKY, SZ = 12920. 6537.7 -696.92 -500.00	SIG1, SIG2, SIG3 = 12995. 6462.4 -500.00			
S.I. = 13495. SIGE = 11689.				
BOT SX, SY, SKY, SZ = 13466. 8956.8 -631.01 -1000.0	SIG1, SIG2, SIG3 = 13553. 8870.2 -1000.0			
S.I. = 14553. SIGE = 12867.				
EL = 176 NODES = 3430 3431 3371 3370	MAT = 1 AREA = 16.6	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 6.648 -1.050 -39.94	PRESS = 1000.0 0.			
MX, MY, MXY = -67.694 -455.10 -17.406				
TOP SX, SY, SKY, SZ = 12601. 4167.0 -892.44 0.	SIG1, SIG2, SIG3 = 12694. 4073.6 -.33799E-07			
S.I. = 12694. SIGE = 11226.				
MID SX, SY, SKY, SZ = 12952. 6529.9 -802.07 -500.00	SIG1, SIG2, SIG3 = 13051. 6431.3 -500.00			
S.I. = 13551. SIGE = 11736.				
BOT SX, SY, SKY, SZ = 13304. 8892.8 -711.69 -1000.0	SIG1, SIG2, SIG3 = 13416. 8780.8 -1000.0			
S.I. = 14416. SIGE = 12747.				
EL = 177 NODES = 3431 3432 3372 3371	MAT = 1 AREA = 16.5	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 7.520 -1.7254 -39.69	PRESS = 1000.0 0.			
MX, MY, MXY = -47.845 -449.78 -21.716				
TOP SX, SY, SKY, SZ = 12743. 4183.5 -1019.1 0.	SIG1, SIG2, SIG3 = 12862. 4063.8 -.34451E-07			
S.I. = 12862. SIGE = 11388.				
MID SX, SY, SKY, SZ = 12991. 6518.7 -906.32 -500.00	SIG1, SIG2, SIG3 = 13116. 6394.2 -500.00			
S.I. = 13616. SIGE = 11792.				
BOT SX, SY, SKY, SZ = 13240. 8854.0 -793.57 -1000.0	SIG1, SIG2, SIG3 = 13379. 8714.8 -1000.0			
S.I. = 14379. SIGE = 12706.				
EL = 178 NODES = 3432 3433 3373 3372	MAT = 1 AREA = 16.4	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 8.366 -1.3615 -39.41	PRESS = 1000.0 0.			
MX, MY, MXY = -44.567 -449.65 -25.366				
TOP SX, SY, SKY, SZ = 12806. 4167.3 -1141.6 0.	SIG1, SIG2, SIG3 = 12954. 4019.0 -.34940E-07			
S.I. = 12954. SIGE = 11484.				
MID SX, SY, SKY, SZ = 13037. 6501.9 -1009.9 -500.00	SIG1, SIG2, SIG3 = 13189. 6349.4 -500.00			
S.I. = 13689. SIGE = 11855.				
BOT SX, SY, SKY, SZ = 13268. 8836.5 -878.22 -1000.0	SIG1, SIG2, SIG3 = 13436. 8668.8 -1000.0			
S.I. = 14436. SIGE = 12740.				
EL = 179 NODES = 3433 3434 3374 3373	MAT = 1 AREA = 16.3	TTOP, TBOT = 0.0 0.0		QUAD SHELL 63
XC, YC, ZC = 9.184 -1.4056E-01 -39.10	PRESS = 1000.0 0.			
MX, MY, MXY = -58.797 -454.36 -28.155				
TOP SX, SY, SKY, SZ = 12795. 4120.2 -1259.1 0.	SIG1, SIG2, SIG3 = 12974. 3941.2 -.35321E-07			
S.I. = 12974. SIGE = 11521.				



MID	SX,SY,SKY,SZ=	13090.	6479.3	-1113.0	-500.00	SIG1,SIG2,SIG3=	13272.	6297.0	-500.00
	S.I.=	13772.	SIGE=	11928.					
BOT	SX,SY,SKY,SZ=	13385.	8838.4	-966.78	-1000.0	SIG1,SIG2,SIG3=	13582.	8641.3	-1000.0
	S.I.=	14582.	SIGE=	12845.					

EL= 180 NODES= 3434 3435 3375 3374 MAT= 1 AREA= 16.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 9.971 -4793 -38.77 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	12718.	4046.0	-1370.8	0.	SIG1,SIG2,SIG3=	12929.	3834.5	-.35558E-07
	S.I.=	12929.	SIGE=	11502.					
MID	SX,SY,SKY,SZ=	13151.	6452.6	-1215.4	-500.00	SIG1,SIG2,SIG3=	13367.	6238.9	-500.00
	S.I.=	13865.	SIGE=	12009.					
BOT	SX,SY,SKY,SZ=	13585.	8859.2	-1060.0	-1000.0	SIG1,SIG2,SIG3=	13812.	8632.3	-1000.0
	S.I.=	14812.	SIGE=	13019.					

EL= 181 NODES= 3435 3436 3376 3375 MAT= 1 AREA= 16.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 10.72 -9534 -38.40 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	12578.	3949.6	-1475.6	0.	SIG1,SIG2,SIG3=	12823.	3704.2	-.35682E-07
	S.I.=	12823.	SIGE=	11431.					
MID	SX,SY,SKY,SZ=	13221.	6424.7	-1316.9	-500.00	SIG1,SIG2,SIG3=	13467.	6178.5	-500.00
	S.I.=	13967.	SIGE=	12100.					
BOT	SX,SY,SKY,SZ=	13864.	8899.9	-1158.2	-1000.0	SIG1,SIG2,SIG3=	14121.	8642.9	-1000.0
	S.I.=	15121.	SIGE=	13259.					

EL= 182 NODES= 3436 3437 3377 3376 MAT= 1 AREA= 15.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 11.44 1.461 -38.01 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	12381.	3837.3	-1572.6	0.	SIG1,SIG2,SIG3=	12661.	3557.0	-.35563E-07
	S.I.=	12661.	SIGE=	11310.					
MID	SX,SY,SKY,SZ=	13299.	6399.9	-1417.0	-500.00	SIG1,SIG2,SIG3=	13579.	6120.2	-500.00
	S.I.=	14079.	SIGE=	12200.					
BOT	SX,SY,SKY,SZ=	14217.	8962.4	-1261.4	-1000.0	SIG1,SIG2,SIG3=	14505.	8675.3	-1000.0
	S.I.=	15505.	SIGE=	13564.					

EL= 183 NODES= 3437 3438 3378 3377 MAT= 1 AREA= 15.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 12.12 2.001 -37.60 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	12132.	3716.1	-1660.9	0.	SIG1,SIG2,SIG3=	12448.	3400.1	-.35364E-07
	S.I.=	12448.	SIGE=	11144.					
MID	SX,SY,SKY,SZ=	13387.	6382.8	-1515.2	-500.00	SIG1,SIG2,SIG3=	13701.	6069.0	-500.00
	S.I.=	14201.	SIGE=	12310.					
BOT	SX,SY,SKY,SZ=	14642.	9049.5	-1369.4	-1000.0	SIG1,SIG2,SIG3=	14959.	8732.2	-1000.0
	S.I.=	15959.	SIGE=	13932.					

EL= 184 NODES= 3438 3439 3379 3378 MAT= 1 AREA= 15.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 12.76 2.571 -37.16 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	11835.	3593.4	-1739.8	0.	SIG1,SIG2,SIG3=	12187.	3241.2	-.35044E-07
	S.I.=	12187.	SIGE=	10933.					
MID	SX,SY,SKY,SZ=	13484.	6378.6	-1610.7	-500.00	SIG1,SIG2,SIG3=	13832.	6030.5	-500.00
	S.I.=	14332.	SIGE=	12428.					
BOT	SX,SY,SKY,SZ=	15135.	9163.8	-1481.5	-1000.0	SIG1,SIG2,SIG3=	15480.	8816.3	-1000.0
	S.I.=	16480.	SIGE=	14359.					

EL= 185 NODES= 3439 3440 3380 3379 MAT= 1 AREA= 15.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 13.35 3.169 -36.70 PRESS= 1000.0 0.

TOP	SX,SY,SKY,SZ=	11494.	3477.2	-1809.2	0.	SIG1,SIG2,SIG3=	11884.	3087.9	-.34456E-07
	S.I.=	11884.	SIGE=	10680.					
MID	SX,SY,SKY,SZ=	13590.	6392.6	-1703.1	-500.00	SIG1,SIG2,SIG3=	13972.	6009.9	-500.00
	S.I.=	14472.	SIGE=	12554.					
BOT	SX,SY,SKY,SZ=	15685.	9307.9	-1597.1	-1000.0	SIG1,SIG2,SIG3=	16062.	8930.3	-1000.0
	S.I.=	17062.	SIGE=	14842.					



EL= 186	NODES= 3440 3441 3381 3380	MAT= 1	AREA= 15.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.90	3.793 -36.22	PRESS= 1000.0	0.		
MX,MY,MXY= -498.14	-588.23 -14.907				
TOP SX,SY,SXY,SZ= 11118.	3375.5	-1870.0	0.	SIG1,SIG2,SIG3= 11546.	2947.5 -0.33613E-07
S.I.= 11546.	SIGE= 10390.				
MID SX,SY,SXY,SZ= 13704.	6629.5	-1792.6	-500.00	SIG1,SIG2,SIG3= 14122.	6011.8 -500.00
S.I.= 14622.	SIGE= 12688.				
BOT SX,SY,SXY,SZ= 10291.	9483.6	-1715.2	-1000.0	SIG1,SIG2,SIG3= 16698.	9075.8 -1000.0
S.I.= 17698.	SIGE= 15376.				
EL= 187	NODES= 3441 3442 3382 3381	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.90	4.441 -35.73	PRESS= 1000.0	0.		
MX,MY,MXY= -601.17	-616.22 -8.6188				
TOP SX,SY,SXY,SZ= 10704.	3293.5	-1925.4	0.	SIG1,SIG2,SIG3= 11174.	2823.1 -0.32685E-07
S.I.= 11174.	SIGE= 10064.				
MID SX,SY,SXY,SZ= 13825.	6492.9	-1880.7	-500.00	SIG1,SIG2,SIG3= 14279.	6038.7 -500.00
S.I.= 14779.	SIGE= 12828.				
BOT SX,SY,SXY,SZ= 16947.	9692.3	-1835.9	-1000.0	SIG1,SIG2,SIG3= 17385.	9254.1 -1000.0
S.I.= 18385.	SIGE= 15957.				
EL= 188	NODES= 3442 3443 3383 3382	MAT= 1	AREA= 14.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.85	5.111 -35.21	PRESS= 1000.0	0.		
MX,MY,MXY= -708.38	-643.88 -2.6230				
TOP SX,SY,SXY,SZ= 10268.	3238.5	-1985.9	0.	SIG1,SIG2,SIG3= 10790.	2716.3 -0.31628E-07
S.I.= 10790.	SIGE= 9721.1				
MID SX,SY,SXY,SZ= 13946.	6581.5	-1972.2	-500.00	SIG1,SIG2,SIG3= 14441.	6086.6 -500.00
S.I.= 14941.	SIGE= 12969.				
BOT SX,SY,SXY,SZ= 17624.	9924.5	-1958.6	-1000.0	SIG1,SIG2,SIG3= 18094.	9454.9 -1000.0
S.I.= 19094.	SIGE= 16560.				
EL= 189	NODES= 3443 3444 3384 3383	MAT= 1	AREA= 14.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.25	5.800 -34.68	PRESS= 1000.0	0.		
MX,MY,MXY= -794.20	-662.50 -5.54004				
TOP SX,SY,SXY,SZ= 9930.4	3240.0	-2061.8	0.	SIG1,SIG2,SIG3= 10515.	2655.6 -0.30729E-07
S.I.= 10515.	SIGE= 9470.4				
MID SX,SY,SXY,SZ= 14054.	6679.7	-2059.0	-500.00	SIG1,SIG2,SIG3= 14590.	6143.7 -500.00
S.I.= 15090.	SIGE= 13099.				
BOT SX,SY,SXY,SZ= 18177.	10119.	-2056.2	-1000.0	SIG1,SIG2,SIG3= 18672.	9625.0 -1000.0
S.I.= 19672.	SIGE= 17054.				
EL= 190	NODES= 3444 3445 3385 3384	MAT= 1	AREA= 14.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.55	6.517 -34.13	PRESS= 1000.0	0.		
MX,MY,MXY= -267.77	-474.21 -53.635				
TOP SX,SY,SXY,SZ= 12884.	4515.1	-2515.9	0.	SIG1,SIG2,SIG3= 13582.	3817.0 -0.38129E-07
S.I.= 13582.	SIGE= 12133.				
MID SX,SY,SXY,SZ= 14274.	6977.2	-2237.5	-500.00	SIG1,SIG2,SIG3= 14906.	6345.7 -500.00
S.I.= 15406.	SIGE= 13369.				
BOT SX,SY,SXY,SZ= 15665.	9439.2	-1959.0	-1000.0	SIG1,SIG2,SIG3= 16230.	8874.1 -1000.0
S.I.= 17230.	SIGE= 14974.				
EL= 191	NODES= 3445 3446 3386 3385	MAT= 1	AREA= 17.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.82	7.347 -33.50	PRESS= 1000.0	0.		
MX,MY,MXY= 185.74	-341.36 -93.494				
TOP SX,SY,SXY,SZ= 15265.	5335.4	-2619.1	0.	SIG1,SIG2,SIG3= 15913.	4686.9 -0.43728E-07
S.I.= 15913.	SIGE= 14164.				
MID SX,SY,SXY,SZ= 14301.	7107.7	-2133.7	-500.00	SIG1,SIG2,SIG3= 14886.	6522.4 -500.00
S.I.= 15386.	SIGE= 13341.				
BOT SX,SY,SXY,SZ= 13536.	8880.1	-1648.3	-1000.0	SIG1,SIG2,SIG3= 13830.	8336.7 -1000.0
S.I.= 14880.	SIGE= 13025.				
EL= 192	NODES= 3446 3447 3387 3386	MAT= 1	AREA= 19.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.13	8.332 -32.74	PRESS= 1000.0	0.		
MX,MY,MXY= 124.62	-362.48 -89.734				

TOP	SX,SY,SKY,SZ=	15195.	5391.6	-2632.5	0.	SIG1,SIG2,SIG3=	15857.	4729.4	-.43485E-0
	S.I.=	15857.	SIGE=	14101.					
MID	SX,SY,SKY,SZ=	14548.	7273.5	-2166.6	-500.00	SIG1,SIG2,SIG3=	15145.	6677.2	-500.00
	S.I.=	15645.	SIGE=	13564.					
BOT	SX,SY,SKY,SZ=	13901.	9155.5	-1700.7	-1000.0	SIG1,SIG2,SIG3=	14448.	8609.0	-1000.0
	S.I.=	15448.	SIGE=	13510.					
EL= 193 NODES= 3447 3448 3388 3387 MAT= 1 AREA= 20.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.34 9.438 -31.89 PRESS= 1000.0 0.									
MX,MY,MXY= 24.612 -391.72 -79.896									
TOP	SX,SY,SKY,SZ=	14921.	5443.4	-2627.1	0.	SIG1,SIG2,SIG3=	15601.	4763.9	-.42488E-07
	S.I.=	15601.	SIGE=	13848.					
MID	SX,SY,SKY,SZ=	14793.	7477.1	-2212.3	-500.00	SIG1,SIG2,SIG3=	15410.	6860.2	-500.00
	S.I.=	15910.	SIGE=	13792.					
BOT	SX,SY,SKY,SZ=	14666.	9510.9	-1797.4	-1000.0	SIG1,SIG2,SIG3=	15231.	8946.1	-1000.0
	S.I.=	16231.	SIGE=	14175.					
EL= 194 NODES= 3448 3449 3389 3388 MAT= 1 AREA= 21.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.44 10.67 -30.95 PRESS= 1000.0 0.									
MX,MY,MXY= -93.747 -419.19 -65.563									
TOP	SX,SY,SKY,SZ=	14584.	5530.3	-2606.4	0.	SIG1,SIG2,SIG3=	15281.	4833.6	-.40881E-07
	S.I.=	15281.	SIGE=	13528.					
MID	SX,SY,SKY,SZ=	15071.	7706.8	-2266.0	-500.00	SIG1,SIG2,SIG3=	15712.	7065.4	-500.00
	S.I.=	16212.	SIGE=	14051.					
BOT	SX,SY,SKY,SZ=	15558.	9883.2	-1925.6	-1000.0	SIG1,SIG2,SIG3=	16150.	9291.5	-1000.0
	S.I.=	17150.	SIGE=	14951.					
EL= 195 NODES= 3449 3450 3390 3389 MAT= 1 AREA= 23.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.37 12.03 -29.90 PRESS= 1000.0 0.									
MX,MY,MXY= -203.26 -435.24 -49.509									
TOP	SX,SY,SKY,SZ=	14333.	5710.0	-2571.3	0.	SIG1,SIG2,SIG3=	15042.	5001.5	-.39337E-07
	S.I.=	15042.	SIGE=	13268.					
MID	SX,SY,SKY,SZ=	15389.	7969.8	-2314.2	-500.00	SIG1,SIG2,SIG3=	16051.	7307.1	-500.00
	S.I.=	16551.	SIGE=	14342.					
BOT	SX,SY,SKY,SZ=	16444.	10230.	-2057.2	-1000.0	SIG1,SIG2,SIG3=	17063.	9610.2	-1000.0
	S.I.=	18063.	SIGE=	15723.					
EL= 196 NODES= 3450 3451 3391 3390 MAT= 1 AREA= 24.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.09 13.52 -28.76 PRESS= 1000.0 0.									
MX,MY,MXY= -281.52 -435.65 -33.518									
TOP	SX,SY,SKY,SZ=	14284.	6002.9	-2518.8	0.	SIG1,SIG2,SIG3=	14990.	5297.0	-.37833E-07
	S.I.=	14990.	SIGE=	13167.					
MID	SX,SY,SKY,SZ=	15746.	8264.8	-2344.7	-500.00	SIG1,SIG2,SIG3=	16420.	7590.7	-500.00
	S.I.=	16920.	SIGE=	14658.					
BOT	SX,SY,SKY,SZ=	17208.	10527.	-2170.7	-1000.0	SIG1,SIG2,SIG3=	17851.	9883.4	-1000.0
	S.I.=	18851.	SIGE=	16391.					
EL= 197 NODES= 3451 3452 3392 3391 MAT= 1 AREA= 26.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.52 15.12 -27.53 PRESS= 1000.0 0.									
MX,MY,MXY= -309.67 -418.36 -18.565									
TOP	SX,SY,SKY,SZ=	14532.	6397.2	-2442.8	0.	SIG1,SIG2,SIG3=	15209.	5713.6	-.37069E-07
	S.I.=	15209.	SIGE=	13306.					
MID	SX,SY,SKY,SZ=	16140.	8562.4	-2346.4	-500.00	SIG1,SIG2,SIG3=	16807.	7894.6	-500.00
	S.I.=	17307.	SIGE=	14991.					
BOT	SX,SY,SKY,SZ=	17747.	10735.	-2250.0	-1000.0	SIG1,SIG2,SIG3=	18407.	90075.	-1000.0
	S.I.=	19407.	SIGE=	16883.					
EL= 198 NODES= 3452 3453 3393 3392 MAT= 1 AREA= 27.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.50 16.80 -26.25 PRESS= 1000.0 0.									
MX,MY,MXY= -270.26 -380.22 -5.5945									
TOP	SX,SY,SKY,SZ=	15163.	6820.4	-2337.2	0.	SIG1,SIG2,SIG3=	15773.	6210.3	-.37385E-07
	S.I.=	15773.	SIGE=	13762.					
MID	SX,SY,SKY,SZ=	16566.	8794.5	-2308.1	-500.00	SIG1,SIG2,SIG3=	17200.	8160.7	-500.00
	S.I.=	17700.	SIGE=	15330.					

BOT SX,SY,SXY,SZ= 17969. 10769. -2279.1 -1000.0 SIG1,SIG2,SIG3= 18630. 10108. -1000.0									
S.I.= 19630. SIGE= 17049.									
EL= 199 NODES= 3453 3454 3396 3393 MAT= 1 AREA= 29.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.24 18.51 -24.93 PRESS= 1000.0 0.									
MX,MY,MXY= -164.07 -322.58 4.6087									
TOP SX,SY,SXY,SZ= 14773. 7193.5 -2192.8 0. SIG1,SIG2,SIG3= 16680. 6686.7 -39072E-07									
S.I.= 16680. SIGE= 14540.									
MID SX,SY,SXY,SZ= 17025. 8868.4 -2216.7 -500.00 SIG1,SIG2,SIG3= 17589. 8304.9 -500.00									
S.I.= 18089. SIGE= 15667.									
BOT SX,SY,SXY,SZ= 17877. 10543. -2240.7 -1000.0 SIG1,SIG2,SIG3= 18507. 9912.8 -1000.0									
S.I.= 19507. SIGE= 16934.									
EL= 200 NODES= 3454 3455 3395 3394 MAT= 1 AREA= 30.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.36 20.18 -23.65 PRESS= 1000.0 0.									
MX,MY,MXY= -24.996 -256.63 12.119									
TOP SX,SY,SXY,SZ= 17388. 7383.5 -1986.7 0. SIG1,SIG2,SIG3= 17768. 7003.4 -42006E-07									
S.I.= 17768. SIGE= 15502.									
MID SX,SY,SXY,SZ= 17518. 8715.9 -2049.0 -500.00 SIG1,SIG2,SIG3= 17971. 8262.0 -500.00									
S.I.= 18471. SIGE= 16004.									
BOT SX,SY,SXY,SZ= 17647. 10048. -2112.5 -1000.0 SIG1,SIG2,SIG3= 18195. 9500.6 -1000.0									
S.I.= 19195. SIGE= 16648.									
EL= 201 NODES= 3455 3456 3396 3395 MAT= 1 AREA= 31.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.905 21.70 -22.48 PRESS= 1000.0 0.									
MX,MY,MXY= 88.738 -200.70 17.361									
TOP SX,SY,SXY,SZ= 18488. 7318.9 -1676.2 0. SIG1,SIG2,SIG3= 18734. 7072.7 -45551E-07									
S.I.= 18734. SIGE= 16386.									
MID SX,SY,SXY,SZ= 18027. 8360.9 -1766.4 -500.00 SIG1,SIG2,SIG3= 18340. 8048.3 -500.00									
S.I.= 18840. SIGE= 16339.									
BOT SX,SY,SXY,SZ= 17567. 9403.0 -1856.5 -1000.0 SIG1,SIG2,SIG3= 17969. 9000.6 -1000.0									
S.I.= 18969. SIGE= 16436.									
EL= 202 NODES= 3456 3457 3397 3396 MAT= 1 AREA= 33.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 5.824 22.91 -21.55 PRESS= 1000.0 0.									
MX,MY,MXY= 129.92 -170.56 20.061									
TOP SX,SY,SXY,SZ= 19171. 7044.4 -1206.7 0. SIG1,SIG2,SIG3= 19290. 6925.4 -4290E-07									
S.I.= 19290. SIGE= 16926.									
MID SX,SY,SXY,SZ= 18497. 7929.9 -1310.9 -500.00 SIG1,SIG2,SIG3= 18657. 7769.7 -500.00									
S.I.= 19157. SIGE= 16642.									
BOT SX,SY,SXY,SZ= 17822. 8815.4 -1415.0 -1000.0 SIG1,SIG2,SIG3= 18039. 8598.3 -1000.0									
S.I.= 19039. SIGE= 16489.									
EL= 203 NODES= 3457 3458 3398 3397 MAT= 1 AREA= 36.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 2.137 23.33 -21.00 PRESS= 1000.0 0.									
MX,MY,MXY= 102.65 -171.28 19.583									
TOP SX,SY,SXY,SZ= 19343. 6657.0 -532.72 0. SIG1,SIG2,SIG3= 19365. 6634.7 -49753E-07									
S.I.= 19335. SIGE= 17046.									
MID SX,SY,SXY,SZ= 18810. 7545.3 -634.40 -500.00 SIG1,SIG2,SIG3= 18846. 7510.7 -500.00									
S.I.= 19346. SIGE= 16836.									
BOT SX,SY,SXY,SZ= 18277. 8435.6 -736.07 -1000.0 SIG1,SIG2,SIG3= 18332. 8380.8 -1000.0									
S.I.= 19332. SIGE= 16744.									
EL= 204 NODES= 3458 3459 3399 3398 MAT= 1 AREA= 40.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.048 23.62 -21.01 PRESS= 1000.0 0.									
MX,MY,MXY= 85.575 -191.62 14.936									
TOP SX,SY,SXY,SZ= 19254. 6240.8 336.90 0. SIG1,SIG2,SIG3= 19263. 6232.1 -50927E-07									
S.I.= 19263. SIGE= 17025.									
MID SX,SY,SXY,SZ= 18810. 7235.7 259.35 -500.00 SIG1,SIG2,SIG3= 18816. 7229.9 -500.00									
S.I.= 19316. SIGE= 16839.									
BOT SX,SY,SXY,SZ= 18366. 8230.5 181.80 -1000.0 SIG1,SIG2,SIG3= 13369. 8227.3 -1000.0									
S.I.= 19369. SIGE= 16780.									
EL= 205 NODES= 3459 3460 3400 3399 MAT= 1 AREA= 45.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									



KL, YL, ZL = -6.484 22.63 -21.77 HX, MY, MXY = 223.24 -186.44 11.025	22.63 -186.44 6215.9 1307.5 0.	22.63 -186.44 6215.9 1307.5 0.	PRESS = 1000.0 0.						
TOP SX, SY, SKY, SZ = 19504. S.I. = 19631. SIGE = 17605.	19504. 6215.9 1307.5 0.	19504. 6215.9 1307.5 0.	SIG1, SIG2, SIG3 = 19631. 6088.5 -52938E-07						
MID SX, SY, SKY, SZ = 18344. S.I. = 18983. SIGE = 16554.	18344. 7183.9 1250.3 -500.00	18344. 7183.9 1250.3 -500.00	SIG1, SIG2, SIG3 = 18483. 7045.6 -500.00						
BOT SX, SY, SKY, SZ = 17185. S.I. = 18340. SIGE = 15884.	17185. 8151.9 1193.0 -1000.0	17185. 8151.9 1193.0 -1000.0	SIG1, SIG2, SIG3 = 17340. 7997.0 -1000.0						
EL = 206 NODES = 3460 3461 3401 3400 XC, YC, ZC = -10.58 20.62 -23.31 MX, MY, MXY = 162.23 -248.20 6.1048	20.62 -23.31 162.23 -248.20 6.1048	20.62 -23.31 162.23 -248.20 6.1048	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 18350. S.I. = 18699. SIGE = 16535.	18350. 6357.9 2075.9 0.	18350. 6357.9 2075.9 0.	SIG1, SIG2, SIG3 = 18699. 6008.7 -49578E-07						
MID SX, SY, SKY, SZ = 17507. S.I. = 18414. SIGE = 16015.	17507. 7646.6 2044.2 -500.00	17507. 7646.6 2044.2 -500.00	SIG1, SIG2, SIG3 = 17914. 7239.6 -500.00						
BOT SX, SY, SKY, SZ = 16665. S.I. = 18158. SIGE = 15729.	16665. 8935.2 2012.5 -1000.0	16665. 8935.2 2012.5 -1000.0	SIG1, SIG2, SIG3 = 17158. 8442.6 -1000.0						
EL = 207 NODES = 3461 3462 3402 3401 XC, YC, ZC = -13.65 17.91 -25.39 MX, MY, MXY = -164.45 -396.93 -16019	17.91 -25.39 -164.45 -396.93 -16019	17.91 -25.39 -164.45 -396.93 -16019	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 15785. S.I. = 16362. SIGE = 14415.	15785. 6114.4 2431.6 0.	15785. 6114.4 2431.6 0.	SIG1, SIG2, SIG3 = 16362. 5537.4 -42369E-07						
MID SX, SY, SKY, SZ = 16639. S.I. = 17788. SIGE = 15430.	16639. 8175.2 2432.4 -500.00	16639. 8175.2 2432.4 -500.00	SIG1, SIG2, SIG3 = 17288. 7526.0 -500.00						
BOT SX, SY, SKY, SZ = 17493. S.I. = 19233. SIGE = 16680.	17493. 10236. 2433.3 -1000.0	17493. 10236. 2433.3 -1000.0	SIG1, SIG2, SIG3 = 18233. 9495.7 -1000.0						
EL = 208 NODES = 3462 3463 3403 3402 XC, YC, ZC = -15.50 14.96 -27.65 MX, MY, MXY = -399.87 -530.86 8.5115	14.96 -27.65 -399.87 -530.86 8.5115	14.96 -27.65 -399.87 -530.86 8.5115	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 13816. S.I. = 14540. SIGE = 12849.	13816. 5431.8 2566.4 0.	13816. 5431.8 2566.4 0.	SIG1, SIG2, SIG3 = 14540. 4708.7 -38434E-07						
MID SX, SY, SKY, SZ = 15892. S.I. = 17145. SIGE = 14861.	15892. 8188.1 2522.2 -500.00	15892. 8188.1 2522.2 -500.00	SIG1, SIG2, SIG3 = 16645. 7435.8 -500.00						
BOT SX, SY, SKY, SZ = 17969. S.I. = 19755. SIGE = 17156.	17969. 10944. 2478.0 -1000.0	17969. 10944. 2478.0 -1000.0	SIG1, SIG2, SIG3 = 18755. 10158. -1000.0						
EL = 209 NODES = 3463 3464 3404 3403 XC, YC, ZC = -16.30 12.04 -29.89 MX, MY, MXY = -502.07 -624.77 21.839	12.04 -29.89 -502.07 -624.77 21.839	12.04 -29.89 -502.07 -624.77 21.839	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 12632. S.I. = 13378. SIGE = 11939.	12632. 4553.5 2566.0 0.	12632. 4553.5 2566.0 0.	SIG1, SIG2, SIG3 = 13378. 3807.4 -37518E-07						
MID SX, SY, SKY, SZ = 15239. S.I. = 16474. SIGE = 14283.	15239. 797.4 2452.6 -500.00	15239. 797.4 2452.6 -500.00	SIG1, SIG2, SIG3 = 15974. 7061.7 -500.00						
BOT SX, SY, SKY, SZ = 17846. S.I. = 19572. SIGE = 17019.	17846. 11041. 2339.2 -1000.0	17846. 11041. 2339.2 -1000.0	SIG1, SIG2, SIG3 = 18572. 10315. -1000.0						
EL = 210 NODES = 3464 3465 3405 3404 XC, YC, ZC = -16.26 9.331 -31.97 MX, MY, MXY = -463.16 -643.78 33.538	9.331 -31.97 -463.16 -643.78 33.538	9.331 -31.97 -463.16 -643.78 33.538	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 12257. S.I. = 12939. SIGE = 11626.	12257. 4052.7 2463.0 0.	12257. 4052.7 2463.0 0.	SIG1, SIG2, SIG3 = 12939. 3370.0 -37513E-07						
MID SX, SY, SKY, SZ = 14661. S.I. = 15822. SIGE = 13719.	14661. 7395.2 2288.9 -500.00	14661. 7395.2 2288.9 -500.00	SIG1, SIG2, SIG3 = 15322. 6734.3 -500.00						
BOT SX, SY, SKY, SZ = 17066. S.I. = 18708. SIGE = 16295.	17066. 10738. 2114.8 -1000.0	17066. 10738. 2114.8 -1000.0	SIG1, SIG2, SIG3 = 17708. 10096. -1000.0						
EL = 211 NODES = 3465 3466 3406 3405 XC, YC, ZC = -15.60 6.928 -33.82 MX, MY, MXY = -384.53 -611.80 39.646	6.928 -33.82 -384.53 -611.80 39.646	6.928 -33.82 -384.53 -611.80 39.646	PRESS = 1000.0 0.						QUAD SHELL 63
TOP SX, SY, SKY, SZ = 12283. S.I. = 12867. SIGE = 11539.	12283. 4020.1 2273.1 0.	12283. 4020.1 2273.1 0.	SIG1, SIG2, SIG3 = 12867. 3436.1 -37027E-07						



MID	SX,SY,SXY,SZ=	14176.	7196.6	2067.2	-500.00	SIG1,SIG2,SIG3=	14742.	6630.2	-500.00
	S.I.=	15242.	SIGE=	13209.					
BOT	SX,SY,SXY,SZ=	16068.	10373.	1861.4	-1000.0	SIG1,SIG2,SIG3=	16623.	9818.7	-1000.0
	S.I.=	17623.	SIGE=	15393.					
EL= 212 NODES= 3456 3467 3407 3406 MAT= 1 AREA= 41.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-14.52	4.870	-35.40	PRESS=	1000.0	0.		
	MX,MY,MXY=	-266.97	-568.04	41.072					
TOP	SX,SY,SXY,SZ=	12409.	4266.9	2030.4	0.	SIG1,SIG2,SIG3=	12887.	3788.7	-.35621E-07
	S.I.=	12887.	SIGE=	11472.					
MID	SX,SY,SXY,SZ=	13795.	7216.2	1817.2	-500.00	SIG1,SIG2,SIG3=	14264.	6747.7	-500.00
	S.I.=	14764.	SIGE=	12786.					
BOT	SX,SY,SXY,SZ=	15181.	10165.	1603.9	-1000.0	SIG1,SIG2,SIG3=	15650.	9696.4	-1000.0
	S.I.=	16650.	SIGE=	14613.					
EL= 213 NODES= 3467 3468 3408 3407 MAT= 1 AREA= 38.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-13.15	3.158	-36.71	PRESS=	1000.0	0.		
	MX,MY,MXY=	-185.23	-528.29	40.094					
TOP	SX,SY,SXY,SZ=	12552.	4435.6	1770.2	0.	SIG1,SIG2,SIG3=	12929.	4257.8	-.33912E-07
	S.I.=	12929.	SIGE=	11413.					
MID	SX,SY,SXY,SZ=	13513.	7378.5	1562.0	-500.00	SIG1,SIG2,SIG3=	13888.	7003.7	-500.00
	S.I.=	14388.	SIGE=	12464.					
BOT	SX,SY,SXY,SZ=	14475.	10121.	1353.9	-1000.0	SIG1,SIG2,SIG3=	14862.	9734.7	-1000.0
	S.I.=	15862.	SIGE=	14020.					
EL= 214 NODES= 3468 3469 3409 3408 MAT= 1 AREA= 36.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-11.64	1.768	-37.78	PRESS=	1000.0	0.		
	MX,MY,MXY=	-112.30	-493.62	38.351					
TOP	SX,SY,SXY,SZ=	12728.	5037.5	1516.4	0.	SIG1,SIG2,SIG3=	13016.	4749.3	-.32376E-07
	S.I.=	13016.	SIGE=	11408.					
MID	SX,SY,SXY,SZ=	13311.	7600.3	1317.3	-500.00	SIG1,SIG2,SIG3=	13600.	7311.1	-500.00
	S.I.=	14100.	SIGE=	12235.					
BOT	SX,SY,SXY,SZ=	13894.	10163.	1118.1	-1000.0	SIG1,SIG2,SIG3=	14203.	9853.7	-1000.0
	S.I.=	15203.	SIGE=	13562.					
EL= 215 NODES= 3469 3470 3410 3409 MAT= 1 AREA= 33.5 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-10.06	6.659	-38.62	PRESS=	1000.0	0.		
	MX,MY,MXY=	-34.554	-460.20	36.651					
TOP	SX,SY,SXY,SZ=	12988.	5429.3	1281.8	0.	SIG1,SIG2,SIG3=	13199.	5217.8	-.31261E-07
	S.I.=	13199.	SIGE=	11514.					
MID	SX,SY,SXY,SZ=	13167.	7818.6	1091.5	-500.00	SIG1,SIG2,SIG3=	13381.	7604.5	-500.00
	S.I.=	13881.	SIGE=	12078.					
BOT	SX,SY,SXY,SZ=	13347.	10208.	901.18	-1000.0	SIG1,SIG2,SIG3=	13587.	9967.6	-1000.0
	S.I.=	14587.	SIGE=	13156.					
EL= 216 NODES= 3470 3471 3411 3410 MAT= 1 AREA= 30.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-8.487	-1.877	-39.28	PRESS=	1000.0	0.		
	MX,MY,MXY=	59.183	-424.32	35.070					
TOP	SX,SY,SXY,SZ=	13373.	5785.2	1070.2	0.	SIG1,SIG2,SIG3=	13521.	5637.2	-.30858E-07
	S.I.=	13521.	SIGE=	11763.					
MID	SX,SY,SXY,SZ=	13066.	7988.3	888.11	-500.00	SIG1,SIG2,SIG3=	13216.	7837.4	-500.00
	S.I.=	13716.	SIGE=	11971.					
BOT	SX,SY,SXY,SZ=	12758.	10191.	706.03	-1000.0	SIG1,SIG2,SIG3=	12940.	10010.	-1000.0
	S.I.=	13940.	SIGE=	12730.					
EL= 217 NODES= 3361 3362 3302 3301 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-1.825	-10.75	-25.58	PRESS=	1000.0	0.		
	MX,MY,MXY=	353.52	765.43	-14.150					
TOP	SX,SY,SXY,SZ=	17172.	11664.	-6.5159	0.	SIG1,SIG2,SIG3=	17172.	11664.	-.21536E-07
	S.I.=	17172.	SIGE=	15187.					
MID	SX,SY,SXY,SZ=	15337.	7690.2	56.953	-500.00	SIG1,SIG2,SIG3=	15337.	7689.6	-500.00
	S.I.=	15837.	SIGE=	13718.					
BOT	SX,SY,SXY,SZ=	13501.	3716.1	140.42	-1000.0	SIG1,SIG2,SIG3=	13503.	3714.0	-1000.0
	S.I.=	14503.	SIGE=	12814.					

EL= 218	NODES= 3362 3363 3303 3302	MAT= 1	AREA= 17.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-8.762 -10.87 -25.63	PRESS=	1000.0 0.		
MX,MY,MXY=	-381.93 540.93 -5.4424				
TOP SX,SY,SKY,SZ=	13539. 10420. -24.637 0.	SIG1,SIG2,SIG3=	13539. 10419. -1.2169E-07		
S.I.=	13539. SIGE= 12280.				
MID SX,SY,SKY,SZ=	15522. 7611.0 3.6200 -500.00	SIG1,SIG2,SIG3=	15522. 7611.0 -500.00		
S.I.=	16022. SIGE= 13875.				
BOT SX,SY,SKY,SZ=	17505. 4602.6 31.877 -1000.0	SIG1,SIG2,SIG3=	17505. 4802.5 -1000.0		
S.I.=	18505. SIGE= 16393.				
EL= 219	NODES= 3414 3361 3301 3354	MAT= 1	AREA= 21.5	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-2.894 -10.55 -25.49	PRESS=	1000.0 0.		
MX,MY,MXY=	1106.1 993.93 2.1165				
TOP SX,SY,SKY,SZ=	21166. 13025. 73.818 0.	SIG1,SIG2,SIG3=	21167. 13025. -3.1733E-07		
S.I.=	21167. SIGE= 18493.				
MID SX,SY,SKY,SZ=	15423. 7865.3 62.830 -500.00	SIG1,SIG2,SIG3=	15424. 7864.8 -500.00		
S.I.=	15924. SIGE= 13796.				
BOT SX,SY,SKY,SZ=	9680.0 2704.9 51.841 -1000.0	SIG1,SIG2,SIG3=	9680.4 2704.5 -1000.0		
S.I.=	10680. SIGE= 9393.0				
EL= 220	NODES= 3363 3364 3304 3303	MAT= 1	AREA= 17.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	.8805E-01 -10.89 -25.64	PRESS=	1000.0 0.		
MX,MY,MXY=	-206.60 590.20 5.1910				
TOP SX,SY,SKY,SZ=	14404. 10354. 28.649 0.	SIG1,SIG2,SIG3=	14404. 10354. -1.5864E-07		
S.I.=	14404. SIGE= 12866.				
MID SX,SY,SKY,SZ=	15477. 7289.5 1.6969 -500.00	SIG1,SIG2,SIG3=	15477. 7289.5 -500.00		
S.I.=	15977. SIGE= 13638.				
BOT SX,SY,SKY,SZ=	16549. 4225.2 -25.255 -1000.0	SIG1,SIG2,SIG3=	16549. 4225.1 -1000.0		
S.I.=	17549. SIGE= 15607.				
EL= 221	NODES= 3413 3414 3354 3353	MAT= 1	AREA= 23.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-4.152 -10.29 -25.39	PRESS=	1000.0 0.		
MX,MY,MXY=	892.26 931.58 70342				
TOP SX,SY,SKY,SZ=	20094. 13004. 112.09 0.	SIG1,SIG2,SIG3=	20096. 13004. -2.7770E-07		
S.I.=	20096. SIGE= 17652.				
MID SX,SY,SKY,SZ=	15461. 8167.7 108.44 -500.00	SIG1,SIG2,SIG3=	15463. 8167.3 -500.00		
S.I.=	15963. SIGE= 13841.				
BOT SX,SY,SKY,SZ=	10829. 3332.0 104.79 -1000.0	SIG1,SIG2,SIG3=	10830. 3330.5 -1000.0		
S.I.=	11830. SIGE= 10367.				
EL= 222	NODES= 3364 3365 3305 3304	MAT= 1	AREA= 17.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	1.052 -10.86 -25.62	PRESS=	1000.0 0.		
MX,MY,MXY=	-79.558 627.53 10.996				
TOP SX,SY,SKY,SZ=	15049. 10366. 32.670 0.	SIG1,SIG2,SIG3=	15050. 10366. -1.8285E-07		
S.I.=	15050. SIGE= 13339.				
MID SX,SY,SKY,SZ=	15462. 7107.7 -24.424 -500.00	SIG1,SIG2,SIG3=	15463. 7107.6 -500.00		
S.I.=	15963. SIGE= 13829.				
BOT SX,SY,SKY,SZ=	15876. 3849.6 -81.518 -1000.0	SIG1,SIG2,SIG3=	15876. 3849.0 -1000.0		
S.I.=	16876. SIGE= 15049.				
EL= 223	NODES= 3412 3413 3353 3352	MAT= 1	AREA= 25.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-5.510 -9.908 -25.23	PRESS=	1000.0 0.		
MX,MY,MXY=	749.40 888.14 -4.2039				
TOP SX,SY,SKY,SZ=	19395. 12886. 121.62 0.	SIG1,SIG2,SIG3=	19398. 12886. -2.5495E-07		
S.I.=	19398. SIGE= 17099.				
MID SX,SY,SKY,SZ=	15504. 8274.5 143.45 -500.00	SIG1,SIG2,SIG3=	15507. 8274.5 -500.00		
S.I.=	16007. SIGE= 13884.				
BOT SX,SY,SKY,SZ=	11814. 3662.6 185.27 -1000.0	SIG1,SIG2,SIG3=	11817. 3662.6 -1000.0		
S.I.=	12617. SIGE= 11050.				
EL= 224	NODES= 3365 3366 3306 3305	MAT= 1	AREA= 17.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	2.012 -10.78 -25.59	PRESS=	1000.0 0.		
MX,MY,MXY=	29.319 660.36 15.052				

TOP	SX,SY,SXY,SZ=	15614.	10426.	21.048	0.	SIG1,SIG2,SIG3=	15614.	10426.	20247E-07
	S.I.=	15614.	SIGE=	13774.					
MID	SX,SY,SXY,SZ=	15462.	6997.7	-57.100	-500.00	SIG1,SIG2,SIG3=	15462.	6997.3	-500.00
	S.I.=	15462.	SIGE=	13832.					
BOT	SX,SY,SXY,SZ=	15310.	3569.1	-135.25	-1000.0	SIG1,SIG2,SIG3=	15311.	3567.5	-1000.0
	S.I.=	16311.	SIGE=	14574.					
EL= 225 NODES= 3411 3412 3352 3351 MAT= 1 AREA= 28.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-6.061	-9.359	-25.00		PRESS=	1000.0	0.	
	MX,MY,MXY=	619.29	848.84	-10.261					
TOP	SX,SY,SXY,SZ=	18777.	12658.	123.99	0.	SIG1,SIG2,SIG3=	18779.	12656.	-.24015E-07
	S.I.=	18779.	SIGE=	16588.					
MID	SX,SY,SXY,SZ=	15561.	8251.2	177.26	-500.00	SIG1,SIG2,SIG3=	15564.	8246.9	-500.00
	S.I.=	16066.	SIGE=	13932.					
BOT	SX,SY,SXY,SZ=	12346.	3844.0	250.53	-1000.0	SIG1,SIG2,SIG3=	12352.	3837.7	-1000.0
	S.I.=	13352.	SIGE=	11209.					
EL= 226 NODES= 3410 3411 3351 3350 MAT= 1 AREA= 30.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-8.687	-8.609	-24.69		PRESS=	1000.0	0.	
	MX,MY,MXY=	509.87	816.89	-17.688					
TOP	SX,SY,SXY,SZ=	18286.	12353.	127.79	0.	SIG1,SIG2,SIG3=	18289.	12350.	-.23193E-07
	S.I.=	18289.	SIGE=	16160.					
MID	SX,SY,SXY,SZ=	15639.	8111.8	219.63	-500.00	SIG1,SIG2,SIG3=	15645.	8105.4	-500.00
	S.I.=	16145.	SIGE=	13992.					
BOT	SX,SY,SXY,SZ=	12292.	3870.6	311.46	-1000.0	SIG1,SIG2,SIG3=	13002.	3859.9	-1000.0
	S.I.=	14002.	SIGE=	12314.					
EL= 227 NODES= 3366 3367 3307 3306 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.966	-10.64	-25.53		PRESS=	1000.0	0.	
	MX,MY,MXY=	124.56	689.55	18.518					
TOP	SX,SY,SXY,SZ=	16117.	10503.	2.2480	0.	SIG1,SIG2,SIG3=	16117.	10503.	-.21987E-07
	S.I.=	16117.	SIGE=	14170.					
MID	SX,SY,SXY,SZ=	15470.	6923.6	-92.897	-500.00	SIG1,SIG2,SIG3=	15471.	6922.6	-500.00
	S.I.=	15971.	SIGE=	13893.					
BOT	SX,SY,SXY,SZ=	14824.	3344.6	-189.04	-1000.0	SIG1,SIG2,SIG3=	14827.	3341.5	-1000.0
	S.I.=	15827.	SIGE=	14164.					
EL= 228 NODES= 3367 3368 3308 3307 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	3.909	-10.46	-25.46		PRESS=	1000.0	0.	
	MX,MY,MXY=	205.54	714.13	21.358					
TOP	SX,SY,SXY,SZ=	16554.	10580.	-20.120	0.	SIG1,SIG2,SIG3=	16554.	10580.	-.23290E-07
	S.I.=	16554.	SIGE=	14520.					
MID	SX,SY,SXY,SZ=	15487.	6871.9	-131.01	-500.00	SIG1,SIG2,SIG3=	15489.	6869.9	-500.00
	S.I.=	15989.	SIGE=	13861.					
BOT	SX,SY,SXY,SZ=	14420.	3164.1	-241.91	-1000.0	SIG1,SIG2,SIG3=	14425.	3158.9	-1000.0
	S.I.=	15425.	SIGE=	13823.					
EL= 229 NODES= 3368 3369 3309 3308 MAT= 1 AREA= 16.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	4.840	-10.23	-25.36		PRESS=	1000.0	0.	
	MX,MY,MXY=	270.97	734.37	23.541					
TOP	SX,SY,SXY,SZ=	16918.	10646.	-48.167	0.	SIG1,SIG2,SIG3=	16919.	10645.	-.24584E-07
	S.I.=	16919.	SIGE=	14814.					
MID	SX,SY,SXY,SZ=	15512.	6852.7	-170.39	-500.00	SIG1,SIG2,SIG3=	15515.	6829.3	-500.00
	S.I.=	16015.	SIGE=	13886.					
BOT	SX,SY,SXY,SZ=	14105.	3019.8	-292.62	-1000.0	SIG1,SIG2,SIG3=	14112.	3012.1	-1000.0
	S.I.=	15112.	SIGE=	13559.					
EL= 230 NODES= 3369 3370 3310 3309 MAT= 1 AREA= 16.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.753	-9.944	-25.24		PRESS=	1000.0	0.	
	MX,MY,MXY=	319.98	749.73	25.258					
TOP	SX,SY,SXY,SZ=	17204.	10690.	-79.396	0.	SIG1,SIG2,SIG3=	17205.	10689.	-.25488E-07
	S.I.=	17205.	SIGE=	15045.					
MID	SX,SY,SXY,SZ=	15543.	6797.0	-210.53	-500.00	SIG1,SIG2,SIG3=	15548.	6792.0	-500.00
	S.I.=	16048.	SIGE=	13917.					



EL= 231	NODES= 3370 3371 3311 3310	MAT= 1	AREA= 16.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	6.648 -9.613 -25.11	PRESS=	1000.0	0.	
MX, MY, MXY=	352.00 759.98 26.768				
TOP SX, SY, SKY, SZ=	17409. 10705.				
S.I.=	17411. SIGE= 15210.				
MID SX, SY, SKY, SZ=	13581. 6758.7				
S.I.=	16088. SIGE= 13955.				
BOT SX, SY, SKY, SZ=	13753. 2812.9				
S.I.=	14767. SIGE= 13282.				
SIG1, SIG2, SIG3=	13892. 2893.8 -1000.0				
SIG1, SIG2, SIG3=	17411. 10703. -.26285E-07				
SIG1, SIG2, SIG3=	15588. 6751.6 -500.00				
SIG1, SIG2, SIG3=	13767. 2799.0 -1000.0				
EL= 232	NODES= 3371 3372 3312 3311	MAT= 1	AREA= 16.5	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	7.520 -9.235 -24.95	PRESS=	1000.0	0.	
MX, MY, MXY=	366.93 765.08 28.312				
TOP SX, SY, SKY, SZ=	17531. 10686.				
S.I.=	17534. SIGE= 15306.				
MID SX, SY, SKY, SZ=	15626. 6714.1				
S.I.=	18136. SIGE= 14001.				
BOT SX, SY, SKY, SZ=	13721. 2741.8				
S.I.=	14739. SIGE= 13274.				
SIG1, SIG2, SIG3=	17534. 10683. -.26844E-07				
SIG1, SIG2, SIG3=	15636. 6704.5 -500.00				
SIG1, SIG2, SIG3=	13739. 2724.2 -1000.0				
EL= 233	NODES= 3372 3373 3313 3312	MAT= 1	AREA= 16.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	8.366 -8.812 -24.77	PRESS=	1000.0	0.	
MX, MY, MXY=	365.04 765.12 30.080				
TOP SX, SY, SKY, SZ=	1757A. 10634.				
S.I.=	17579. SIGE= 15334.				
MID SX, SY, SKY, SZ=	15679. 6661.7				
S.I.=	16191. SIGE= 14054.				
BOT SX, SY, SKY, SZ=	13784. 2689.2				
S.I.=	14805. SIGE= 13355.				
SIG1, SIG2, SIG3=	17579. 10630. -.27160E-07				
SIG1, SIG2, SIG3=	15691. 6649.2 -500.00				
SIG1, SIG2, SIG3=	13805. 2667.5 -1000.0				
EL= 234	NODES= 3373 3374 3314 3313	MAT= 1	AREA= 16.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.184 -8.344 -24.58	PRESS=	1000.0	0.	
MX, MY, MXY=	346.80 760.30 32.216				
TOP SX, SY, SKY, SZ=	17540. 10550.				
S.I.=	17546. SIGE= 15298.				
MID SX, SY, SKY, SZ=	15740. 6602.1				
S.I.=	16255. SIGE= 14116.				
BOT SX, SY, SKY, SZ=	13939. 2654.7				
S.I.=	14965. SIGE= 13521.				
SIG1, SIG2, SIG3=	17546. 10543. -.27356E-07				
SIG1, SIG2, SIG3=	15755. 6586.5 -500.00				
SIG1, SIG2, SIG3=	13965. 2628.4 -1000.0				
EL= 235	NODES= 3374 3375 3315 3314	MAT= 1	AREA= 16.1	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.971 -7.833 -24.37	PRESS=	1000.0	0.	
MX, MY, MXY=	312.80 750.86 34.813				
TOP SX, SY, SKY, SZ=	17433. 10436.				
S.I.=	17441. SIGE= 15201.				
MID SX, SY, SKY, SZ=	15809. 6537.9				
S.I.=	16328. SIGE= 14187.				
BOT SX, SY, SKY, SZ=	14185. 2639.4				
S.I.=	15216. SIGE= 13771.				
SIG1, SIG2, SIG3=	17441. 10428. -.27375E-07				
SIG1, SIG2, SIG3=	15828. 6518.8 -500.00				
SIG1, SIG2, SIG3=	14216. 2608.1 -1000.0				
EL= 236	NODES= 3375 3376 3316 3315	MAT= 1	AREA= 16.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	10.72 -7.280 -24.14	PRESS=	1000.0	0.	
MX, MY, MXY=	263.72 737.13 37.916				
TOP SX, SY, SKY, SZ=	17257. 10300.				
S.I.=	17268. SIGE= 15046.				
MID SX, SY, SKY, SZ=	15888. 6473.1				
S.I.=	16411. SIGE= 14268.				
BOT SX, SY, SKY, SZ=	14519. 2645.9				
S.I.=	15556. SIGE= 14102.				
SIG1, SIG2, SIG3=	17268. 10290. -.27344E-07				
SIG1, SIG2, SIG3=	15911. 6450.1 -500.00				
SIG1, SIG2, SIG3=	14556. 2609.0 -1000.0				
EL= 237	NODES= 3376 3377 3317 3316	MAT= 1	AREA= 15.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63



EL= 238	NODES= 3377 3378 3318 3317	MAT= 1	AREA= 15.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.44	-6.689	-23.90	PRESS= 1000.0	0.	
MX, MY, MXY= 200.30	719.47	41.528			
TOP SX, SY, SKY, SZ= 17018.	10149.	-295.11	0.	SIG1, SIG2, SIG3= 17030.	10136. -0.26964E-07
S.I.= 17030.	SIGE= 1483.				
MID SX, SY, SKY, SZ= 15978.	6413.2	-510.72	-500.00	SIG1, SIG2, SIG3= 16005.	6386.0 -500.00
S.I.= 16505.	SIGE= 14359.				
BOT SX, SY, SKY, SZ= 14938.	2677.7	-726.34	-1000.0	SIG1, SIG2, SIG3= 14980.	2634.9 -1000.0
S.I.= 15980.	SIGE= 14509.				
EL= 239	NODES= 3378 3379 3319 3318	MAT= 1	AREA= 15.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 12.12	-6.061	-23.64	PRESS= 1000.0	0.	
MX, MY, MXY= 123.39	698.30	45.616			
TOP SX, SY, SKY, SZ= 16719.	9990.3	-318.97	0.	SIG1, SIG2, SIG3= 16734.	9975.2 -0.26491E-07
S.I.= 16734.	SIGE= 14581.				
MID SX, SY, SKY, SZ= 16078.	6364.7	-555.81	-500.00	SIG1, SIG2, SIG3= 16110.	6333.0 -500.00
S.I.= 16610.	SIGE= 14460.				
BOT SX, SY, SKY, SZ= 15437.	2739.1	-792.65	-1000.0	SIG1, SIG2, SIG3= 15487.	2689.8 -1000.0
S.I.= 16487.	SIGE= 14986.				
EL= 240	NODES= 3379 3380 3320 3319	MAT= 1	AREA= 15.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.35	-4.701	-23.07	PRESS= 1000.0	0.	
MX, MY, MXY= 33.966	674.14	50.116			
TOP SX, SY, SKY, SZ= 16366.	9835.0	-340.58	0.	SIG1, SIG2, SIG3= 16384.	9817.3 -0.25584E-07
S.I.= 16384.	SIGE= 14282.				
MID SX, SY, SKY, SZ= 16190.	6334.8	-600.78	-500.00	SIG1, SIG2, SIG3= 16227.	6298.3 -500.00
S.I.= 16727.	SIGE= 14570.				
BOT SX, SY, SKY, SZ= 16014.	2834.7	-860.99	-1000.0	SIG1, SIG2, SIG3= 16070.	2778.7 -1000.0
S.I.= 17070.	SIGE= 15529.				
EL= 241	NODES= 3380 3381 3321 3320	MAT= 1	AREA= 15.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.90	-3.974	-22.77	PRESS= 1000.0	0.	
MX, MY, MXY= -177.45	619.40	60.107			
TOP SX, SY, SKY, SZ= 15528.	9578.0	-375.57	0.	SIG1, SIG2, SIG3= 15552.	9554.4 -0.23502E-07
S.I.= 15552.	SIGE= 13585.				
MID SX, SY, SKY, SZ= 16450.	6362.1	-687.64	-500.00	SIG1, SIG2, SIG3= 16496.	6315.5 -500.00
S.I.= 16996.	SIGE= 14815.				
BOT SX, SY, SKY, SZ= 17371.	3146.2	-999.72	-1000.0	SIG1, SIG2, SIG3= 17441.	3076.3 -1000.0
S.I.= 18441.	SIGE= 16778.				
EL= 242	NODES= 3381 3382 3322 3321	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.40	-3.219	-22.46	PRESS= 1000.0	0.	
MX, MY, MXY= -295.47	590.77	65.592			
TOP SX, SY, SKY, SZ= 15085.	9504.1	-386.29	0.	SIG1, SIG2, SIG3= 15091.	9477.4 -0.21944E-07
S.I.= 15091.	SIGE= 13212.				
MID SX, SY, SKY, SZ= 16599.	6436.8	-726.85	-500.00	SIG1, SIG2, SIG3= 16651.	6385.1 -500.00
S.I.= 17151.	SIGE= 14949.				
BOT SX, SY, SKY, SZ= 18133.	3369.5	-1067.4	-1000.0	SIG1, SIG2, SIG3= 18210.	3292.8 -1000.0
S.I.= 19210.	SIGE= 17464.				
EL= 243	NODES= 3382 3383 3323 3322	MAT= 1	AREA= 14.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.85	-2.439	-22.14	PRESS= 1000.0	0.	
MX, MY, MXY= -421.07	562.36	72.077			
TOP SX, SY, SKY, SZ= 14581.	9489.8	-383.32	0.	SIG1, SIG2, SIG3= 14610.	9461.1 -0.20151E-07
S.I.= 14610.	SIGE= 12835.				

MID	SX,SY,SKY,SZ=	16767.	6570.0	-757.54	-500.00	SIG1,SIG2,SIG3=	16823.	6514.1	-500.00
	S.I.=	17323.	SIGE=	15093.					
BOT	SX,SY,SKY,SZ=	18954.	3650.3	-1131.8	-1000.0	SIG1,SIG2,SIG3=	19037.	3567.0	-1000.0
	S.I.=	20037.	SIGE=	18189.					
EL= 244 NODES= 3383 3384 3324 3323 MAT= 1 AREA= 14.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.25	-1.636	-21.80		PRESS=	1000.0	0.	
	MX,MY,MXY=	-593.13	522.96	84.809					
TOP	SX,SY,SKY,SZ=	13887.	9500.3	-332.09	0.	SIG1,SIG2,SIG3=	13912.	9475.3	-.17317E-07
	S.I.=	13912.	SIGE=	12309.					
MID	SX,SY,SKY,SZ=	16966.	6785.1	-772.41	-500.00	SIG1,SIG2,SIG3=	17024.	6726.9	-500.00
	S.I.=	17524.	SIGE=	15254.					
BOT	SX,SY,SKY,SZ=	20040.	4069.9	-1212.7	-1000.0	SIG1,SIG2,SIG3=	20137.	3978.4	-1000.0
	S.I.=	21137.	SIGE=	19140.					
EL= 245 NODES= 3384 3385 3325 3324 MAT= 1 AREA= 14.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.55	-.8019	-21.46		PRESS=	1000.0	0.	
	MX,MY,MXY=	123.74	742.29	32.578					
TOP	SX,SY,SKY,SZ=	17331.	10529.	-622.28	0.	SIG1,SIG2,SIG3=	17388.	10473.	-.27092E-07
	S.I.=	17388.	SIGE=	15163.					
MID	SX,SY,SKY,SZ=	16689.	6675.1	-791.42	-500.00	SIG1,SIG2,SIG3=	16751.	6612.9	-500.00
	S.I.=	17251.	SIGE=	15016.					
BOT	SX,SY,SKY,SZ=	16047.	2821.1	-960.56	-1000.0	SIG1,SIG2,SIG3=	16116.	2751.7	-1000.0
	S.I.=	17116.	SIGE=	15583.					
EL= 246 NODES= 3385 3386 3326 3325 MAT= 1 AREA= 17.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.82	.1652	-21.06		PRESS=	1000.0	0.	
	MX,MY,MXY=	758.38	946.22	-9.5655					
TOP	SX,SY,SKY,SZ=	21014.	11731.	-939.20	0.	SIG1,SIG2,SIG3=	21108.	11637.	-.37029E-07
	S.I.=	21108.	SIGE=	18312.					
MID	SX,SY,SKY,SZ=	17076.	6818.2	-889.54	-500.00	SIG1,SIG2,SIG3=	17153.	6741.6	-500.00
	S.I.=	17653.	SIGE=	15370.					
BOT	SX,SY,SKY,SZ=	13139.	1905.4	-839.87	-1000.0	SIG1,SIG2,SIG3=	13201.	1842.9	-1000.0
	S.I.=	14201.	SIGE=	13015.					
EL= 247 NODES= 3386 3387 3327 3326 MAT= 1 AREA= 19.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	16.13	1.312	-20.58		PRESS=	1000.0	0.	
	MX,MY,MXY=	591.95	888.46	17.619					
TOP	SX,SY,SKY,SZ=	20277.	11695.	-872.98	0.	SIG1,SIG2,SIG3=	20365.	11607.	-.34291E-07
	S.I.=	20365.	SIGE=	17694.					
MID	SX,SY,SKY,SZ=	17204.	7081.7	-964.46	-500.00	SIG1,SIG2,SIG3=	17295.	6990.6	-500.00
	S.I.=	17795.	SIGE=	15475.					
BOT	SX,SY,SKY,SZ=	14131.	2468.8	-1055.9	-1000.0	SIG1,SIG2,SIG3=	14225.	2373.9	-1000.0
	S.I.=	15225.	SIGE=	13850.					
EL= 248 NODES= 3387 3388 3328 3327 MAT= 1 AREA= 20.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	16.34	2.599	-20.05		PRESS=	1000.0	0.	
	MX,MY,MXY=	449.87	840.52	36.023					
TOP	SX,SY,SKY,SZ=	19728.	11646.	-848.34	0.	SIG1,SIG2,SIG3=	19816.	11558.	-.32241E-07
	S.I.=	19816.	SIGE=	17241.					
MID	SX,SY,SKY,SZ=	17393.	7261.9	-1035.4	-500.00	SIG1,SIG2,SIG3=	17498.	7177.0	-500.00
	S.I.=	17998.	SIGE=	15642.					
BOT	SX,SY,SKY,SZ=	15057.	2918.0	-1222.4	-1000.0	SIG1,SIG2,SIG3=	15179.	2796.1	-1000.0
	S.I.=	16179.	SIGE=	14654.					
EL= 249 NODES= 3388 3389 3329 3328 MAT= 1 AREA= 21.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	16.44	4.034	-19.45		PRESS=	1000.0	0.	
	MX,MY,MXY=	316.91	795.40	50.244					
TOP	SX,SY,SKY,SZ=	19263.	11599.	-837.43	0.	SIG1,SIG2,SIG3=	19353.	11509.	-.30659E-07
	S.I.=	19353.	SIGE=	16860.					
MID	SX,SY,SKY,SZ=	17617.	7469.3	-1098.3	-500.00	SIG1,SIG2,SIG3=	17735.	7351.8	-500.00
	S.I.=	18235.	SIGE=	15842.					
BOT	SX,SY,SKY,SZ=	15972.	3339.6	-1359.2	-1000.0	SIG1,SIG2,SIG3=	16117.	3195.0	-1000.0
	S.I.=	17117.	SIGE=	15452.					

EL= 250	NODES= 3389 3390 3330 3329	MAT= 1	AREA= 23.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.37	5.620 -18.08	PRESS= 1000.0	0.		
MX,MY,MXY= 201.10	756.14 63.058				
TOP SX,SY,SKY,SZ= 18916.	11593.	-821.56	0.	SIG1,SIG2,SIG3= 19007.	11502. -29367E-07
S.I.= 19007.	SIGE= 16581.				
MID SX,SY,SKY,SZ= 17871.	7667.2	-1149.0	-500.00	SIG1,SIG2,SIG3= 17999.	7539.5 -500.00
S.I.= 18499.	SIGE= 16066.				
BOT SX,SY,SKY,SZ= 16827.	3741.3	-1476.4	-1000.0	SIG1,SIG2,SIG3= 16992.	3576.8 -1000.0
S.I.= 17992.	SIGE= 16196.				
EL= 251	NODES= 3390 3391 3331 3330	MAT= 1	AREA= 24.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.09	7.351 -18.08	PRESS= 1000.0	0.		
MX,MY,MXY= 119.58	732.14 75.307				
TOP SX,SY,SKY,SZ= 18770.	11682.	-790.30	0.	SIG1,SIG2,SIG3= 18857.	11595. -28475E-07
S.I.= 18857.	SIGE= 16474.				
MID SX,SY,SKY,SZ= 18149.	7881.1	-1181.4	-500.00	SIG1,SIG2,SIG3= 18284.	7747.0 -500.00
S.I.= 18784.	SIGE= 16307.				
BOT SX,SY,SKY,SZ= 17522.	4079.8	-1572.4	-1000.0	SIG1,SIG2,SIG3= 17710.	3898.5 -1000.0
S.I.= 18710.	SIGE= 16805.				
EL= 252	NODES= 3391 3392 3332 3331	MAT= 1	AREA= 26.2	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.52	9.212 -17.31	PRESS= 1000.0	0.		
MX,MY,MXY= 91.089	732.46 86.231				
TOP SX,SY,SKY,SZ= 18919.	11894.	-742.00	0.	SIG1,SIG2,SIG3= 18996.	11817. -28162E-07
S.I.= 18996.	SIGE= 16614.				
MID SX,SY,SKY,SZ= 18446.	8091.3	-1189.7	-500.00	SIG1,SIG2,SIG3= 18381.	7956.3 -500.00
S.I.= 19081.	SIGE= 16560.				
BOT SX,SY,SKY,SZ= 17973.	4288.3	-1637.4	-1000.0	SIG1,SIG2,SIG3= 18166.	4095.1 -1000.0
S.I.= 19166.	SIGE= 17194.				
EL= 253	NODES= 3392 3393 3333 3332	MAT= 1	AREA= 27.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.60	11.17 -16.50	PRESS= 1000.0	0.		
MX,MY,MXY= 121.73	758.00 93.310				
TOP SX,SY,SKY,SZ= 19386.	12182.	-679.66	0.	SIG1,SIG2,SIG3= 19450.	12119. -28720E-07
S.I.= 19450.	SIGE= 17013.				
MID SX,SY,SKY,SZ= 18756.	8246.8	-1169.3	-500.00	SIG1,SIG2,SIG3= 18885.	8118.3 -500.00
S.I.= 19386.	SIGE= 16822.				
BOT SX,SY,SKY,SZ= 18120.	4311.3	-1659.0	-1000.0	SIG1,SIG2,SIG3= 18323.	4114.8 -1000.0
S.I.= 19323.	SIGE= 17340.				
EL= 254	NODES= 3393 3394 3334 3333	MAT= 1	AREA= 29.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.24	13.17 -15.67	PRESS= 1000.0	0.		
MX,MY,MXY= 197.22	800.96 97.534				
TOP SX,SY,SKY,SZ= 20104.	12435.	-609.41	0.	SIG1,SIG2,SIG3= 20152.	12387. -30426E-07
S.I.= 20152.	SIGE= 17604.				
MID SX,SY,SKY,SZ= 19080.	8276.1	-1115.8	-500.00	SIG1,SIG2,SIG3= 19194.	8162.0 -500.00
S.I.= 19694.	SIGE= 17096.				
BOT SX,SY,SKY,SZ= 18056.	4117.5	-1622.2	-1000.0	SIG1,SIG2,SIG3= 18242.	3931.2 -1000.0
S.I.= 19242.	SIGE= 17312.				
EL= 255	NODES= 3394 3395 3335 3334	MAT= 1	AREA= 30.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.36	15.11 -14.87	PRESS= 1000.0	0.		
MX,MY,MXY= 286.29	847.32 93.190				
TOP SX,SY,SKY,SZ= 20901.	12523.	-536.09	0.	SIG1,SIG2,SIG3= 20935.	12489. -33044E-07
S.I.= 20935.	SIGE= 18243.				
MID SX,SY,SKY,SZ= 19415.	8124.7	-1019.9	-500.00	SIG1,SIG2,SIG3= 19506.	8032.7 -500.00
S.I.= 20006.	SIGE= 17388.				
BOT SX,SY,SKY,SZ= 17928.	3724.8	-1503.8	-1000.0	SIG1,SIG2,SIG3= 18086.	3567.4 -1000.0
S.I.= 19086.	SIGE= 17261.				
EL= 256	NODES= 3395 3396 3336 3335	MAT= 1	AREA= 31.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 8.905	16.88 -14.13	PRESS= 1000.0	0.		
MX,MY,MXY= 345.83	881.28 77.819				



TOP	SX,SY,SXY,SZ= 21539.	12377.	-456.14	0.	SIG1,SIG2,SIG3= 21561.	12354.	-.36041E-07
	S.I.= 21561.	SIGE= 18739.					
MID	SX,SY,SXY,SZ= 19743.	7801.4	-860.18	-500.00	SIG1,SIG2,SIG3= 19805.	7739.8	-500.00
	S.I.= 20305.	SIGE= 17688.					
BOT	SX,SY,SXY,SZ= 17947.	3225.9	-1264.2	-1000.0	SIG1,SIG2,SIG3= 18055.	3118.1	-1000.0
	S.I.= 19055.	SIGE= 17366.					
EL= 257 NODES= 3396 3397 3337 3336 MAT= 1 AREA= 33.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= 5.824 18.29 -13.55 PRESS= 1000.0 0.							
MX,MY,MXY= 346.82 891.93 47.637							
TOP	SX,SY,SXY,SZ= 21812.	12022.	-355.49	0.	SIG1,SIG2,SIG3= 21825.	12009.	-.38358E-07
	S.I.= 21825.	SIGE= 18933.					
MID	SX,SY,SXY,SZ= 20011.	7391.4	-602.82	-500.00	SIG1,SIG2,SIG3= 20040.	7362.6	-500.00
	S.I.= 20540.	SIGE= 17950.					
BOT	SX,SY,SXY,SZ= 18211.	2760.5	-850.15	-1000.0	SIG1,SIG2,SIG3= 18257.	2713.9	-1000.0
	S.I.= 19257.	SIGE= 17695.					
EL= 258 NODES= 3397 3398 3338 3337 MAT= 1 AREA= 36.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= 2.137 19.12 -13.20 PRESS= 1000.0 0.							
MX,MY,MXY= 303.67 882.58 1.6156							
TOP	SX,SY,SXY,SZ= 21712.	11559.	-211.95	0.	SIG1,SIG2,SIG3= 21716.	11554.	-.39802E-07
	S.I.= 21716.	SIGE= 18820.					
MID	SX,SY,SXY,SZ= 20135.	6976.5	-220.34	-500.00	SIG1,SIG2,SIG3= 20139.	6972.8	-500.00
	S.I.= 20639.	SIGE= 18099.					
BOT	SX,SY,SXY,SZ= 18558.	2394.1	-228.73	-1000.0	SIG1,SIG2,SIG3= 18562.	2390.9	-1000.0
	S.I.= 19562.	SIGE= 18106.					
EL= 259 NODES= 3398 3399 3339 3338 MAT= 1 AREA= 40.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= -2.048 19.11 -13.21 PRESS= 1000.0 0.							
MX,MY,MXY= 301.83 886.27 -48.521							
TOP	SX,SY,SXY,SZ= 21600.	11192.	24.335	0.	SIG1,SIG2,SIG3= 21600.	11191.	-.40671E-07
	S.I.= 21600.	SIGE= 18710.					
MID	SX,SY,SXY,SZ= 20033.	6590.0	276.25	-500.00	SIG1,SIG2,SIG3= 20038.	6584.4	-500.00
	S.I.= 20538.	SIGE= 18070.					
BOT	SX,SY,SXY,SZ= 18465.	1988.5	528.17	-1000.0	SIG1,SIG2,SIG3= 18482.	1971.6	-1000.0
	S.I.= 19482.	SIGE= 18180.					
EL= 260 NODES= 3399 3400 3340 3339 MAT= 1 AREA= 45.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= -6.484 17.96 -13.68 PRESS= 1000.0 0.							
MX,MY,MXY= 497.81 975.40 -70.794							
TOP	SX,SY,SXY,SZ= 22230.	11543.	414.40	0.	SIG1,SIG2,SIG3= 22246.	11527.	-.41936E-07
	S.I.= 22246.	SIGE= 19270.					
MID	SX,SY,SXY,SZ= 19645.	6478.7	781.97	-500.00	SIG1,SIG2,SIG3= 19691.	6432.4	-500.00
	S.I.= 20191.	SIGE= 17770.					
BOT	SX,SY,SXY,SZ= 17060.	1414.4	1149.5	-1000.0	SIG1,SIG2,SIG3= 17144.	1330.4	-1000.0
	S.I.= 18144.	SIGE= 17099.					
EL= 261 NODES= 3400 3401 3341 3340 MAT= 1 AREA= 49.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= -10.58 15.62 -14.65 PRESS= 1000.0 0.							
MX,MY,MXY= 513.88 1032.6 -68.045							
TOP	SX,SY,SXY,SZ= 21746.	12313.	724.41	0.	SIG1,SIG2,SIG3= 21801.	12257.	-.37315E-07
	S.I.= 21801.	SIGE= 18929.					
MID	SX,SY,SXY,SZ= 19078.	6951.4	1077.7	-500.00	SIG1,SIG2,SIG3= 19173.	6856.4	-500.00
	S.I.= 19473.	SIGE= 17217.					
BOT	SX,SY,SXY,SZ= 16410.	1590.3	1431.0	-1000.0	SIG1,SIG2,SIG3= 16547.	1453.4	-1000.0
	S.I.= 17547.	SIGE= 16458.					
EL= 262 NODES= 3401 3402 3342 3341 MAT= 1 AREA= 48.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63							
XC,YC,ZC= -13.65 12.47 -15.96 PRESS= 1000.0 0.							
MX,MY,MXY= 235.91 968.07 -80.222							
TOP	SX,SY,SXY,SZ= 19774.	12602.	703.10	0.	SIG1,SIG2,SIG3= 19843.	12534.	-.28663E-07
	S.I.= 19843.	SIGE= 17382.					
MID	SX,SY,SXY,SZ= 18550.	7576.1	1119.6	-500.00	SIG1,SIG2,SIG3= 18663.	7463.0	-500.00
	S.I.= 19163.	SIGE= 16674.					



EL= 263	NODES= 3402 3403 3403 3342	MAT= 1	AREA= 47.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.50	9.031 -17.38	PRESS= 1000.0	0.		
MX, MY, MXY= 44.969	900.70 -95.189				
TOP SX, SY, SKY, SZ= 18325.	12420.	564.27	0.	SIG1, SIG2, SIG3= 18378.	12367. -23502E-07
S.I.= 18378.	SIGE= 16230.				
MID SX, SY, SKY, SZ= 16091.	7743.7	1058.5	-500.00	SIG1, SIG2, SIG3= 18199.	7636.5 -500.00
S.I.= 18699.	SIGE= 16239.				
BOT SX, SY, SKY, SZ= 17858.	3067.3	1552.7	-1000.0	SIG1, SIG2, SIG3= 18019.	2906.0 -1000.0
S.I.= 19019.	SIGE= 17398.				
EL= 264	NODES= 3403 3404 3344 3343	MAT= 1	AREA= 46.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.30	5.630 -18.79	PRESS= 1000.0	0.		
MX, MY, MXY= -35.419	849.84 -101.93				
TOP SX, SY, SKY, SZ= 17455.	11914.	443.58	0.	SIG1, SIG2, SIG3= 17491.	11879. -21953E-07
S.I.= 17491.	SIGE= 15468.				
MID SX, SY, SKY, SZ= 17639.	7502.1	972.78	-500.00	SIG1, SIG2, SIG3= 17732.	7409.6 -500.00
S.I.= 18232.	SIGE= 15835.				
BOT SX, SY, SKY, SZ= 17823.	3089.7	1502.0	-1000.0	SIG1, SIG2, SIG3= 17975.	2938.2 -1000.0
S.I.= 18975.	SIGE= 17344.				
EL= 265	NODES= 3404 3405 3345 3344	MAT= 1	AREA= 45.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.24	2.475 -20.10	PRESS= 1000.0	0.		
MX, MY, MXY= -13.732	810.52 -95.275				
TOP SX, SY, SKY, SZ= 17109.	11407.	366.33	0.	SIG1, SIG2, SIG3= 17132.	11384. -22490E-07
S.I.= 17132.	SIGE= 15102.				
MID SX, SY, SKY, SZ= 17180.	7199.0	860.99	-500.00	SIG1, SIG2, SIG3= 17254.	7125.3 -700.00
S.I.= 17754.	SIGE= 15426.				
BOT SX, SY, SKY, SZ= 17252.	2990.8	1355.7	-1000.0	SIG1, SIG2, SIG3= 17379.	2863.1 -1000.0
S.I.= 18379.	SIGE= 16785.				
EL= 266	NODES= 3405 3406 3346 3345	MAT= 1	AREA= 43.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60	-3.23 -21.26	PRESS= 1000.0	0.		
MX, MY, MXY= 70.975	782.46 -79.769				
TOP SX, SY, SKY, SZ= 17122.	11124.	312.87	0.	SIG1, SIG2, SIG3= 17138.	11107. -23601E-07
S.I.= 17138.	SIGE= 15057.				
MID SX, SY, SKY, SZ= 16753.	7061.2	727.03	-500.00	SIG1, SIG2, SIG3= 16807.	7006.9 -500.00
S.I.= 17307.	SIGE= 15032.				
BOT SX, SY, SKY, SZ= 16385.	2998.7	1141.2	-1000.0	SIG1, SIG2, SIG3= 16481.	2902.1 -1000.0
S.I.= 17481.	SIGE= 15894.				
EL= 267	NODES= 3406 3407 3347 3346	MAT= 1	AREA= 41.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.52	-2.719 -22.25	PRESS= 1000.0	0.		
MX, MY, MXY= 171.44	770.07 -63.176				
TOP SX, SY, SKY, SZ= 17283.	11126.	260.92	0.	SIG1, SIG2, SIG3= 17294.	11114. -24192E-07
S.I.= 17294.	SIGE= 15179.				
MID SX, SY, SKY, SZ= 16393.	7127.4	588.93	-500.00	SIG1, SIG2, SIG3= 16430.	7090.1 -500.00
S.I.= 16930.	SIGE= 14888.				
BOT SX, SY, SKY, SZ= 15503.	3129.2	916.94	-1000.0	SIG1, SIG2, SIG3= 15570.	3061.6 -1000.0
S.I.= 16570.	SIGE= 14959.				
EL= 268	NODES= 3407 3408 3348 3347	MAT= 1	AREA= 38.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.15	-4.713 -23.08	PRESS= 1000.0	0.		
MX, MY, MXY= 261.09	769.48 -48.904				
TOP SX, SY, SKY, SZ= 17467.	11333.	209.38	0.	SIG1, SIG2, SIG3= 17474.	11326. -24015E-07
S.I.= 17474.	SIGE= 15353.				
MID SX, SY, SKY, SZ= 16111.	7337.6	483.29	-500.00	SIG1, SIG2, SIG3= 16135.	7313.2 -500.00
S.I.= 16635.	SIGE= 14416.				
BOT SX, SY, SKY, SZ= 14755.	3342.4	717.20	-1000.0	SIG1, SIG2, SIG3= 14800.	3297.5 -1000.0
S.I.= 15800.	SIGE= 14150.				
EL= 269	NODES= 3408 3409 3349 3348	MAT= 1	AREA= 36.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 270 NODES= 3409 3410 3350 3349 MAT= 1 AREA= 33.5 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	-11.64	-6.332	-23.75	PRESS=	1000.0	0.			
MX, MY, MXY=	339.77	777.33	-36.925						
TOP SX, SY, SKY, SZ=	17665.	11649.	167.47	0.	SIG1, SIG2, SIG3=	17669.	11644.	-.23534E-07	
S.I.=	17669.	SIGE=	15558.						
MID SX, SY, SKY, SZ=	15901.	7612.8	359.19	-500.00	SIG1, SIG2, SIG3=	15916.	7597.3	-500.00	
S.I.=	16416.	SIGE=	14217.						
BOT SX, SY, SKY, SZ=	14137.	3576.9	550.90	-1000.0	SIG1, SIG2, SIG3=	14165.	3548.2	-1000.0	
S.I.=	15165.	SIGE=	13480.						
EL= 271 NODES= 3301 3302 3242 3241 MAT= 1 AREA= 6.01 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	-10.06	-7.615	-24.28	PRESS=	1000.0	0.			
MX, MY, MXY=	418.91	793.01	-26.600						
TOP SX, SY, SKY, SZ=	17923.	12004.	140.60	0.	SIG1, SIG2, SIG3=	17926.	12001.	-.23178E-07	
S.I.=	17926.	SIGE=	15819.						
MID SX, SY, SKY, SZ=	15748.	7887.0	278.71	-500.00	SIG1, SIG2, SIG3=	15758.	7877.1	-500.00	
S.I.=	16258.	SIGE=	14082.						
BOT SX, SY, SKY, SZ=	13573.	3769.7	416.82	-1000.0	SIG1, SIG2, SIG3=	13591.	3752.0	-1000.0	
S.I.=	14591.	SIGE=	12889.						
EL= 272 NODES= 3302 3303 3243 3242 MAT= 1 AREA= 6.07 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	-8.762	-14.91	-14.41	PRESS=	1000.0	0.			
MX, MY, MXY=	-1119.7	-2180.0	-2.7091						
TOP SX, SY, SKY, SZ=	6982.7	-2938.7	29.244	0.	SIG1, SIG2, SIG3=	6982.8	.77728E-07	-2938.8	
S.I.=	9921.6	SIGE=	8827.0						
MID SX, SY, SKY, SZ=	9633.6	7373.3	18.861	-500.00	SIG1, SIG2, SIG3=	9633.8	7373.1	-500.00	
S.I.=	10134.	SIGE=	9213.9						
BOT SX, SY, SKY, SZ=	12285.	17685.	8.4776	-1000.0	SIG1, SIG2, SIG3=	17685.	12285.	-1000.0	
S.I.=	18685.	SIGE=	16655.						
EL= 273 NODES= 3354 3301 3241 3294 MAT= 1 AREA= 7.67 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	-2.894	-14.57	-14.34	PRESS=	1000.0	0.			
MX, MY, MXY=	67.779	-1820.9	13.968						
TOP SX, SY, SKY, SZ=	10069.	-1464.3	54.169	0.	SIG1, SIG2, SIG3=	10070.	.90435E-07	-1464.6	
S.I.=	11534.	SIGE=	10876.						
MID SX, SY, SKY, SZ=	9717.4	7989.7	-18.350	-500.00	SIG1, SIG2, SIG3=	9717.6	7989.5	-500.00	
S.I.=	10218.	SIGE=	9472.5						
BOT SX, SY, SKY, SZ=	9365.5	17444.	-90.869	-1000.0	SIG1, SIG2, SIG3=	17445.	9364.5	-1000.0	
S.I.=	18445.	SIGE=	16014.						
EL= 274 NODES= 3303 3304 3244 3243 MAT= 1 AREA= 6.07 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	.8805E-01	-14.94	-14.41	PRESS=	1000.0	0.			
MX, MY, MXY=	-1075.8	-2163.0	6.4828						
TOP SX, SY, SKY, SZ=	4002.2	-4385.8	42.548	0.	SIG1, SIG2, SIG3=	4002.5	.65641E-07	-4386.0	
S.I.=	8388.4	SIGE=	7267.1						
MID SX, SY, SKY, SZ=	9587.8	6847.5	8.8900	-500.00	SIG1, SIG2, SIG3=	9587.8	6847.5	-500.00	
S.I.=	10088.	SIGE=	9034.9						
BOT SX, SY, SKY, SZ=	15173.	18081.	-24.768	-1000.0	SIG1, SIG2, SIG3=	18081.	15173.	-1000.0	
S.I.=	19081.	SIGE=	17806.						
EL= 275 NODES= 3353 3354 3294 3293 MAT= 1 AREA= 8.43 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC=	-4.152	-14.30	-14.28	PRESS=	1000.0	0.			
MX, MY, MXY=	-8.0555	-1850.5	28.808						
TOP SX, SY, SKY, SZ=	9686.0	-1674.4	124.72	0.	SIG1, SIG2, SIG3=	9687.3	.88971E-07	-1675.7	
S.I.=	11363.	SIGE=	10625.						

MID	SX,SY,SXY,SZ=	9727.8	7933.6	-24.852	-500.00	SIG1,SIG2,SIG3=	9728.1	7933.2	-500.00		
	S.I.=	10228.	SIGE=	9459.3							
BOT	SX,SY,SXY,SZ=	9769.6	17542.	-174.42	-1000.0	SIG1,SIG2,SIG3=	17545.	9765.7	-1000.0		
	S.I.=	18595.	SIGE=	16130.							
EL=	276	NODES=	3304 3305 3245 3244	MAT=	1	AREA=	6.07	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	1.052	-14.90	-14.41	PRESS=	1000.0	0.				
	MX,MY,MXY=	-968.94	-2130.6	11.026							
TOP	SX,SY,SXY,SZ=	4373.2	-4282.0	93.959	0.	SIG1,SIG2,SIG3=	4574.2	.69318E-07	-4283.0		
	S.I.=	8857.2	SIGE=	7671.9							
MID	SX,SY,SXY,SZ=	9604.0	6780.0	36.710	-500.00	SIG1,SIG2,SIG3=	9604.4	6779.5	-500.00		
	S.I.=	10104.	SIGE=	9029.7							
BOT	SX,SY,SXY,SZ=	14635.	17842.	-20.538	-1000.0	SIG1,SIG2,SIG3=	17842.	14635.	-1000.0		
	S.I.=	18842.	SIGE=	17461.							
EL=	277	NODES=	3352 3353 3293 3292	MAT=	1	AREA=	9.25	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-5.510	-13.89	-14.19	PRESS=	1000.0	0.				
	MX,MY,MXY=	-148.11	-1898.8	35.991							
TOP	SX,SY,SXY,SZ=	9004.2	-1898.1	141.77	0.	SIG1,SIG2,SIG3=	9006.1	.85364E-07	-1900.0		
	S.I.=	10906.	SIGE=	10091.							
MID	SX,SY,SXY,SZ=	9773.2	7960.6	-45.098	-500.00	SIG1,SIG2,SIG3=	9774.3	7959.5	-500.00		
	S.I.=	10279.	SIGE=	9497.9							
BOT	SX,SY,SXY,SZ=	10542.	17819.	-231.96	-1000.0	SIG1,SIG2,SIG3=	17827.	10535.	-1000.0		
	S.I.=	18827.	SIGE=	16442.							
EL=	278	NODES=	3305 3306 3246 3245	MAT=	1	AREA=	6.06	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	2.012	-14.82	-14.39	PRESS=	1000.0	0.				
	MX,MY,MXY=	-842.14	-2096.7	10.305							
TOP	SX,SY,SXY,SZ=	5144.9	-4183.8	94.821	0.	SIG1,SIG2,SIG3=	5145.9	.73094E-07	-4184.8		
	S.I.=	9530.6	SIGE=	8094.8							
MID	SX,SY,SXY,SZ=	9621.1	6702.2	41.316	-500.00	SIG1,SIG2,SIG3=	9621.7	6701.6	-500.00		
	S.I.=	10122.	SIGE=	9023.3							
BOT	SX,SY,SXY,SZ=	14097.	17588.	-12.190	-1000.0	SIG1,SIG2,SIG3=	17588.	.4097.	-1000.0		
	S.I.=	18588.	SIGE=	17112.							
EL=	279	NODES=	3351 3352 3292 3291	MAT=	1	AREA=	10.1	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-6.961	-13.31	-14.06	PRESS=	1000.0	0.				
	MX,MY,MXY=	-271.18	-1944.1	37.454							
TOP	SX,SY,SXY,SZ=	8439.1	-2178.3	126.69	0.	SIG1,SIG2,SIG3=	8440.6	.83132E-07	-2179.8		
	S.I.=	10620.	SIGE=	9715.7							
MID	SX,SY,SXY,SZ=	9847.1	7915.5	-67.764	-500.00	SIG1,SIG2,SIG3=	9849.4	7913.2	-500.00		
	S.I.=	10349.	SIGE=	9530.0							
BOT	SX,SY,SXY,SZ=	11255.	18009.	-262.22	-1000.0	SIG1,SIG2,SIG3=	18020.	11245.	-1000.0		
	S.I.=	19020.	SIGE=	16697.							
EL=	280	NODES=	3306 3307 3247 3246	MAT=	1	AREA=	6.05	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	2.986	-14.67	-14.36	PRESS=	1000.0	0.				
	MX,MY,MXY=	-768.98	-2066.0	6.7999							
TOP	SX,SY,SXY,SZ=	5652.4	-4076.7	76.126	0.	SIG1,SIG2,SIG3=	5653.0	.76284E-07	-4077.3		
	S.I.=	9730.4	SIGE=	8463.5							
MID	SX,SY,SXY,SZ=	9645.0	6649.8	40.821	-500.00	SIG1,SIG2,SIG3=	9645.5	6649.3	-500.00		
	S.I.=	10146.	SIGE=	9028.3							
BOT	SX,SY,SXY,SZ=	13638.	17376.	5.5163	-1000.0	SIG1,SIG2,SIG3=	17376.	13638.	-1000.0		
	S.I.=	18376.	SIGE=	16822.							
EL=	281	NODES=	3350 3351 3291 3290	MAT=	1	AREA=	11.0	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-8.487	-12.51	-13.88	PRESS=	1000.0	0.				
	MX,MY,MXY=	-379.20	-1984.1	37.314							
TOP	SX,SY,SXY,SZ=	7989.3	-2505.8	109.64	0.	SIG1,SIG2,SIG3=	7990.5	.82214E-07	-2507.0		
	S.I.=	10497.	SIGE=	9495.5							
MID	SX,SY,SXY,SZ=	9958.1	7795.4	-84.096	-500.00	SIG1,SIG2,SIG3=	9961.4	7792.1	-500.00		
	S.I.=	10481.	SIGE=	9583.1							
BOT	SX,SY,SXY,SZ=	11927.	18097.	-277.83	-1000.0	SIG1,SIG2,SIG3=	18109.	11914.	-1000.0		
	S.I.=	19109.	SIGE=	16887.							

EL= 282 NODES= 3349 3350 3290 3289 MAT= 1 AREA= 12.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -10.06 -11.45 -13.65 PRESS= 1000.0 0.  
 MX,MY,MXY= -470.96 -2017.4 37.372  
 TOP SX,SY,SKY,SZ= 7670.3 -2861.9 101.71 0. SIG1,SIG2,SIG3= 7671.3 .82467E-07 -2862.9  
 S.I.= 10534. SIGE= 9434.3  
 MID SX,SY,SKY,SZ= 10116. 7612.4 -92.326 -500.00 SIG1,SIG2,SIG3= 10119. 7609.0 -500.00  
 S.I.= 10619. SIGE= 9612.9  
 BOT SX,SY,SKY,SZ= 12561. 18087. -286.36 -1000.0 SIG1,SIG2,SIG3= 18101. 12546. -1000.0  
 S.I.= 19101. SIGE= 17018.

EL= 283 NODES= 3307 3308 3248 3247 MAT= 1 AREA= 6.03 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 3.909 -14.48 -14.31 PRESS= 1000.0 0.  
 MX,MY,MXY= -690.98 -2040.1 2.2597  
 TOP SX,SY,SKY,SZ= 6087.3 -3980.1 53.482 0. SIG1,SIG2,SIG3= 6087.6 .78896E-07 -3980.4  
 S.I.= 10068. SIGE= 8782.6  
 MID SX,SY,SKY,SZ= 9674.9 6612.1 41.749 -500.00 SIG1,SIG2,SIG3= 9675.4 6611.5 -500.00  
 S.I.= 10175. SIGE= 9041.6  
 BOT SX,SY,SKY,SZ= 13262. 17204. 30.017 -1000.0 SIG1,SIG2,SIG3= 17205. 13262. -1000.0  
 S.I.= 18205. SIGE= 16589.

EL= 284 NODES= 3308 3309 3249 3248 MAT= 1 AREA= 6.00 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 4.840 -14.25 -14.26 PRESS= 1000.0 0.  
 MX,MY,MXY= -629.00 -2020.0 -2.7638  
 TOP SX,SY,SKY,SZ= 6445.3 -3908.8 28.767 0. SIG1,SIG2,SIG3= 6445.4 .81169E-07 -3908.9  
 S.I.= 10354. SIGE= 9056.3  
 MID SX,SY,SKY,SZ= 9711.1 6579.0 43.117 -500.00 SIG1,SIG2,SIG3= 9711.7 6578.4 -500.00  
 S.I.= 10212. SIGE= 9060.9  
 BOT SX,SY,SKY,SZ= 12977. 17067. 57.467 -1000.0 SIG1,SIG2,SIG3= 17068. 12976. -1000.0  
 S.I.= 18068. SIGE= 16409.

EL= 285 NODES= 3309 3310 3250 3249 MAT= 1 AREA= 5.98 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 5.753 -13.93 -14.19 PRESS= 1000.0 0.  
 MX,MY,MXY= -583.91 -2006.0 -8.1719  
 TOP SX,SY,SKY,SZ= 6722.8 -3869.9 1.8363 0. SIG1,SIG2,SIG3= 6722.8 .83045E-07 -3869.9  
 S.I.= 10593. SIGE= 9283.8  
 MID SX,SY,SKY,SZ= 9754.5 6545.5 44.265 -500.00 SIG1,SIG2,SIG3= 9755.1 6544.8 -500.00  
 S.I.= 10255. SIGE= 9085.8  
 BOT SX,SY,SKY,SZ= 12786. 16961. 86.694 -1000.0 SIG1,SIG2,SIG3= 16963. 12784. -1000.0  
 S.I.= 17963. SIGE= 16281.

EL= 286 NODES= 3310 3311 3251 3250 MAT= 1 AREA= 5.94 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 6.648 -13.58 -14.12 PRESS= 1000.0 0.  
 MX,MY,MXY= -555.98 -1998.4 -13.881  
 TOP SX,SY,SKY,SZ= 6918.7 -3867.9 -26.878 0. SIG1,SIG2,SIG3= 6918.8 .84519E-07 -3867.9  
 S.I.= 10787. SIGE= 9465.3  
 MID SX,SY,SKY,SZ= 9805.4 6507.7 45.189 -500.00 SIG1,SIG2,SIG3= 9806.0 6507.1 -500.00  
 S.I.= 10306. SIGE= 9115.8  
 BOT SX,SY,SKY,SZ= 12692. 16883. 117.26 -1000.0 SIG1,SIG2,SIG3= 16887. 12689. -1000.0  
 S.I.= 17887. SIGE= 16201.

EL= 287 NODES= 3311 3312 3252 3251 MAT= 1 AREA= 5.91 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 7.520 -13.17 -14.03 PRESS= 1000.0 0.  
 MX,MY,MXY= -545.30 -1996.9 -19.779  
 TOP SX,SY,SKY,SZ= 7032.9 -3905.0 -57.068 0. SIG1,SIG2,SIG3= 7033.2 .85621E-07 -3905.3  
 S.I.= 10939. SIGE= 9601.3  
 MID SX,SY,SKY,SZ= 9864.1 6463.3 45.625 -500.00 SIG1,SIG2,SIG3= 9864.7 6462.5 -500.00  
 S.I.= 10365. SIGE= 9150.9  
 BOT SX,SY,SKY,SZ= 12695. 16831. 148.32 -1000.0 SIG1,SIG2,SIG3= 16857. 12690. -1000.0  
 S.I.= 17837. SIGE= 16167.

EL= 288 NODES= 3312 3313 3253 3252 MAT= 1 AREA= 5.87 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 8.366 -12.72 -13.93 PRESS= 1000.0 0.  
 MX,MY,MXY= -551.81 -2001.5 -25.763



TOP	SX,SY,SXY,SZ=	7066.2	-3980.7	-88.632	0.	SIG1,SIG2,SIG3=	7066.9	.86541E-07	-3781.4
	S.I.=	11048.	SIGE=	9691.7					
MID	SX,SY,SXY,SZ=	9931.2	6411.3	45.131	-500.00	SIG1,SIG2,SIG3=	9931.8	6410.7	-500.00
	S.I.=	10632.	SIGE=	9191.8					
BOT	SX,SY,SXY,SZ=	12796.	16803.	178.89	-1000.0	SIG1,SIG2,SIG3=	16811.	12788.	-1000.0
	S.I.=	17811.	SIGE=	16179.					
EL= 289 NODES= 3313 3314 3254 3253 MAT= 1 AREA= 5.82 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 94 -12.22 -13.82 PRESS= 1000.0 0.									
MX,MY,MXY= 575.20 -2011.7 -31.744									
TOP	SX,SY,SXY,SZ=	7020.6	-4091.3	-121.54	0.	SIG1,SIG2,SIG3=	7021.9	.87005E-07	-4092.6
	S.I.=	11115.	SIGE=	9736.3					
MID	SX,SY,SXY,SZ=	10007.	6353.6	43.275	-500.00	SIG1,SIG2,SIG3=	10008.	6353.1	-500.00
	S.I.=	10508.	SIGE=	9239.3					
BOT	SX,SY,SXY,SZ=	12994.	16799.	208.09	-1000.0	SIG1,SIG2,SIG3=	16810.	12982.	-1000.0
	S.I.=	17810.	SIGE=	16238.					
EL= 290 NODES= 3314 3315 3255 3254 MAT= 1 AREA= 5.77 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.971 -11.68 -13.70 PRESS= 1000.0 0.									
MX,MY,MXY= -614.92 -2026.9 -37.646									
TOP	SX,SY,SXY,SZ=	6899.4	-4230.2	-155.79	0.	SIG1,SIG2,SIG3=	6901.6	.87224E-07	-4232.4
	S.I.=	11134.	SIGE=	9734.2					
MID	SX,SY,SXY,SZ=	10092.	6293.7	39.675	-500.00	SIG1,SIG2,SIG3=	10092.	6293.2	-500.00
	S.I.=	10592.	SIGE=	9294.7					
BOT	SX,SY,SXY,SZ=	13285.	16818.	235.13	-1000.0	SIG1,SIG2,SIG3=	16833.	13269.	-1000.0
	S.I.=	17833.	SIGE=	16345.					
EL= 291 NODES= 3315 3316 3256 3255 MAT= 1 AREA= 5.71 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 10.72 -11.09 -13.57 PRESS= 1000.0 0.									
MX,MY,MXY= -670.14 -2046.3 -43.401									
TOP	SX,SY,SXY,SZ=	6707.2	-4388.3	-191.32	0.	SIG1,SIG2,SIG3=	6710.5	.86999E-07	-4391.6
	S.I.=	11102.	SIGE=	9684.4					
MID	SX,SY,SXY,SZ=	10187.	6236.2	34.022	-500.00	SIG1,SIG2,SIG3=	10187.	6235.9	-500.00
	S.I.=	10687.	SIGE=	9359.2					
BOT	SX,SY,SXY,SZ=	13666.	16861.	259.36	-1000.0	SIG1,SIG2,SIG3=	16882.	13645.	-1000.0
	S.I.=	17882.	SIGE=	16503.					
EL= 292 NODES= 3316 3317 3257 3256 MAT= 1 AREA= 5.66 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.44 -10.46 -13.44 PRESS= 1000.0 0.									
MX,MY,MXY= -739.75 -2068.9 -48.930									
TOP	SX,SY,SXY,SZ=	6450.1	-4554.1	-227.91	0.	SIG1,SIG2,SIG3=	6454.8	.86256E-07	-4558.8
	S.I.=	11014.	SIGE=	9585.1					
MID	SX,SY,SXY,SZ=	10291.	6187.4	26.140	-500.00	SIG1,SIG2,SIG3=	10291.	6187.2	-500.00
	S.I.=	10791.	SIGE=	9434.2					
BOT	SX,SY,SXY,SZ=	14132.	16929.	280.18	-1000.0	SIG1,SIG2,SIG3=	16957.	14104.	-1000.0
	S.I.=	17957.	SIGE=	16714.					
EL= 293 NODES= 3317 3318 3258 3257 MAT= 1 AREA= 5.59 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.12 -9.792 -13.29 PRESS= 1000.0 0.									
MX,MY,MXY= -822.23 -2093.2 -54.122									
TOP	SX,SY,SXY,SZ=	6136.1	-4714.2	-264.96	0.	SIG1,SIG2,SIG3=	6142.6	.85115E-07	-4720.6
	S.I.=	10865.	SIGE=	9434.6					
MID	SX,SY,SXY,SZ=	10405.	6153.9	16.037	-500.00	SIG1,SIG2,SIG3=	10405.	6153.8	-500.00
	S.I.=	10905.	SIGE=	9520.3					
BOT	SX,SY,SXY,SZ=	14674.	17022.	297.04	-1000.0	SIG1,SIG2,SIG3=	17059.	14637.	-1000.0
	S.I.=	18059.	SIGE=	16978.					
EL= 294 NODES= 3318 3319 3259 3258 MAT= 1 AREA= 5.53 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.76 -9.085 -13.14 PRESS= 1000.0 0.									
MX,MY,MXY= -915.53 -2117.9 -58.786									
TOP	SX,SY,SXY,SZ=	5775.7	-4853.7	-301.21	0.	SIG1,SIG2,SIG3=	5784.3	.83439E-07	-4862.2
	S.I.=	10627.	SIGE=	9231.7					
MID	SX,SY,SXY,SZ=	10529.	6142.3	4.0086	-500.00	SIG1,SIG2,SIG3=	10529.	6142.3	-500.00
	S.I.=	11029.	SIGE=	9617.9					

BOT SX,SY,SKY,SZ= 15283. 17138. 309.22 -1000.0 SIG1,SIG2,SIG3= 17189. 15232. -1000.0									
S.I.= 18189. SIGE= 17294.									
EL= 295 NODES= 3319 3320 3260 3259 MAT= 1 AREA= 5.46 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.35 -8.343 -12.97 PRESS= 1000.0 0.									
MX,MY,MXY= -1016.8 -2140.9 -62.596									
TOP SX,SY,SKY,SZ= 5383.3 -8957.7 -334.27 0. SIG1,SIG2,SIG3= 5394.1 .81095E-07 -4968.5									
S.I.= 10363. SIGE= 8976.8									
MID SX,SY,SKY,SZ= 10662. 6158.0 -9.2751 -500.00 SIG1,SIG2,SIG3= 10662. 6158.0 -500.00									
S.I.= 11162. SIGE= 9226.7									
BOT SX,SY,SKY,SZ= 15941. 17274. 315.72 -1000.0 SIG1,SIG2,SIG3= 17345. 15870. -1000.0									
S.I.= 18345. SIGE= 17654.									
EL= 296 NODES= 3320 3321 3261 3260 MAT= 1 AREA= 5.39 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.90 -7.569 -12.80 PRESS= 1000.0 0.									
MX,MY,MXY= -1121.6 -2160.1 -65.009									
TOP SX,SY,SKY,SZ= 4980.2 -5012.1 -360.02 0. SIG1,SIG2,SIG3= 4993.2 .78480E-07 -5025.1									
S.I.= 10018. SIGE= 8676.1									
MID SX,SY,SKY,SZ= 10233. 6203.1 -22.488 -500.00 SIG1,SIG2,SIG3= 10804. 6203.0 -500.00									
S.I.= 11304. SIGE= 9845.6									
BOT SX,SY,SKY,SZ= 16627. 17418. 315.04 -1000.0 SIG1,SIG2,SIG3= 17528. 16517. -1000.0									
S.I.= 18528. SIGE= 18048.									
EL= 297 NODES= 3321 3322 3262 3261 MAT= 1 AREA= 5.31 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.40 -6.765 -12.63 PRESS= 1000.0 0.									
MX,MY,MXY= -1223.7 -2172.6 -65.018									
TOP SX,SY,SKY,SZ= 4597.3 -5008.6 -370.22 0. SIG1,SIG2,SIG3= 4611.5 .75438E-07 -5022.8									
S.I.= 9634.3 SIGE= 8346.1									
MID SX,SY,SKY,SZ= 10951. 6271.8 -32.650 -500.00 SIG1,SIG2,SIG3= 10951. 6271.5 -500.00									
S.I.= 11451. SIGE= 9971.7									
BOT SX,SY,SKY,SZ= 17304. 17552. 304.92 -1000.0 SIG1,SIG2,SIG3= 17757. 17099. -1000.0									
S.I.= 18757. SIGE= 18437.									
EL= 298 NODES= 3322 3323 3263 3262 MAT= 1 AREA= 5.24 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -5.933 -12.45 PRESS= 1000.0 0.									
MX,MY,MXY= -1309.2 -2174.6 -60.813									
TOP SX,SY,SKY,SZ= 4298.2 -4956.1 -353.60 0. SIG1,SIG2,SIG3= 4311.7 .72668E-07 -4969.6									
S.I.= 9281.3 SIGE= 8044.6									
MID SX,SY,SKY,SZ= 11095. 6334.5 -37.862 -500.00 SIG1,SIG2,SIG3= 11096. 6334.2 -500.00									
S.I.= 11596. SIGE= 10096.									
BOT SX,SY,SKY,SZ= 17893. 17625. 277.88 -1000.0 SIG1,SIG2,SIG3= 18067. 17451. -1000.0									
S.I.= 19067. SIGE= 18767.									
EL= 299 NODES= 3323 3324 3264 3263 MAT= 1 AREA= 5.16 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 -5.078 -12.26 PRESS= 1000.0 0.									
MX,MY,MXY= -1303.3 -2147.2 -54.523									
TOP SX,SY,SKY,SZ= 4461.5 -4828.8 -325.93 0. SIG1,SIG2,SIG3= 4473.0 .72918E-07 -4840.2									
S.I.= 9313.1 SIGE= 8067.5									
MID SX,SY,SKY,SZ= 11228. 6319.2 -42.843 -500.00 SIG1,SIG2,SIG3= 11229. 6318.9 -500.00									
S.I.= 11729. SIGE= 10202.									
BOT SX,SY,SKY,SZ= 17995. 17467. 240.24 -1000.0 SIG1,SIG2,SIG3= 18088. 17374. -1000.0									
S.I.= 19088. SIGE= 18741.									
EL= 300 NODES= 3324 3325 3265 3264 MAT= 1 AREA= 5.04 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -4.189 -12.07 PRESS= 1000.0 0.									
MX,MY,MXY= -805.38 -1862.1 -64.098									
TOP SX,SY,SKY,SZ= 8475.7 -2830.1 -327.22 0. SIG1,SIG2,SIG3= 8485.2 .88777E-07 -2839.5									
S.I.= 11325. SIGE= 10206.									
MID SX,SY,SKY,SZ= 11619. 6837.7 5.5723 -500.00 SIG1,SIG2,SIG3= 11619. 6837.7 -500.00									
S.I.= 12119. SIGE= 10573.									
BOT SX,SY,SKY,SZ= 14762. 16505. 338.37 -1000.0 SIG1,SIG2,SIG3= 15569. 14699. -1000.0									
S.I.= 17569. SIGE= 16712.									
EL= 301 NODES= 3325 3326 3266 3265 MAT= 1 AREA= 6.33 TTOP,TBOT= 0.0 0.0 QUAD SHELL 65									

EL= 302	NODES= 3326 3327 3267 3266	MAT= 1	AREA= 6.83	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	16.13 -1.937 -11.57	PRESS=	1000.0 0.		
MX, MY, MXY=	-143.85 -1760.0 -99.139				
TOP SX, SY, SKY, SZ=	11253. -1907.8 -593.02 0.	SIG1, SIG2, SIG3=	11280. .10351E-06 -1934.4		
S.I.=	13214. SIGE= 12361.				
MID SX, SY, SKY, SZ=	12000. 7230.3 -78.288 -500.00	SIG1, SIG2, SIG3=	12001. 7229.0 -500.00		
S.I.=	12501. SIGE= 10927.				
BOT SX, SY, SKY, SZ=	12747. 16368. 436.44 -1000.0	SIG1, SIG2, SIG3=	16420. 12695. -1000.0		
S.I.=	17420. SIGE= 15889.				
EL= 303	NODES= 3327 3328 3268 3267	MAT= 1	AREA= 7.34	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	16.34 -.5653 -11.27	PRESS=	1000.0 0.		
MX, MY, MXY=	-308.39 -1815.0 -94.568				
TOP SX, SY, SKY, SZ=	10702. -2107.3 -595.35 0.	SIG1, SIG2, SIG3=	10730. .10080E-06 -2134.9		
S.I.=	12865. SIGE= 11941.				
MID SX, SY, SKY, SZ=	12282. 7316.4 -104.36 -500.00	SIG1, SIG2, SIG3=	12285. 7314.2 -500.00		
S.I.=	12785. SIGE= 11163.				
BOT SX, SY, SKY, SZ=	13863. 16740. 386.64 -1000.0	SIG1, SIG2, SIG3=	16791. 13812. -1000.0		
S.I.=	17791. SIGE= 16504.				
EL= 304	NODES= 3328 3329 3269 3268	MAT= 1	AREA= 7.86	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	16.44 .9633 -10.94	PRESS=	1000.0 0.		
MX, MY, MXY=	-431.41 -1841.0 -83.868				
TOP SX, SY, SKY, SZ=	10366. -2119.4 -565.14 0.	SIG1, SIG2, SIG3=	10392. .98296E-07 -2144.9		
S.I.=	12537. SIGE= 11614.				
MID SX, SY, SKY, SZ=	12606. 7439.0 -129.70 -500.00	SIG1, SIG2, SIG3=	12609. 7435.7 -500.00		
S.I.=	13109. SIGE= 11437.				
BOT SX, SY, SKY, SZ=	14846. 16997. 305.75 -1000.0	SIG1, SIG2, SIG3=	17040. 14803. -1000.0		
S.I.=	18040. SIGE= 17032.				
EL= 305	NODES= 3329 3330 3270 3269	MAT= 1	AREA= 8.39	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	16.37 2.652 -10.57	PRESS=	1000.0 0.		
MX, MY, MXY=	-517.54 -1832.3 -69.371				
TOP SX, SY, SKY, SZ=	10296. -1922.5 -517.96 0.	SIG1, SIG2, SIG3=	10318. .95964E-07 -1944.4		
S.I.=	12262. SIGE= 11415.				
MID SX, SY, SKY, SZ=	12983. 7590.9 -157.79 -500.00	SIG1, SIG2, SIG3=	12988. 7586.3 -500.00		
S.I.=	13488. SIGE= 11758.				
BOT SX, SY, SKY, SZ=	15670. 17104. 202.39 -1000.0	SIG1, SIG2, SIG3=	17132. 15642. -1000.0		
S.I.=	18132. SIGE= 17435.				
EL= 306	NODES= 3330 3331 3271 3270	MAT= 1	AREA= 8.91	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	16.09 4.497 -10.17	PRESS=	1000.0 0.		
MX, MY, MXY=	-562.56 -1796.2 -51.124				
TOP SX, SY, SKY, SZ=	10501. -1559.1 -453.55 0.	SIG1, SIG2, SIG3=	10518. .94629E-07 -1576.2		
S.I.=	12094. SIGE= 11388.				
MID SX, SY, SKY, SZ=	13422. 7766.6 -188.11 -500.00	SIG1, SIG2, SIG3=	13428. 7760.4 -500.00		
S.I.=	13928. SIGE= 12131.				
BOT SX, SY, SKY, SZ=	16343. 17092. 77.325 -1000.0	SIG1, SIG2, SIG3=	17100. 16335. -1000.0		
S.I.=	18100. SIGE= 17730.				
EL= 307	NODES= 3331 3332 3272 3271	MAT= 1	AREA= 9.41	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	15.52 6.480 -9.733	PRESS=	1000.0 0.		
MX, MY, MXY=	-567.51 -1759.6 -29.483				
TOP SX, SY, SKY, SZ=	10981. -1088.6 -369.72 0.	SIG1, SIG2, SIG3=	10992. .94663E-07 -1099.9		
S.I.=	12092. SIGE= 11581.				

MID	SX,SY,SKY,SZ=	15427.	7943.3	-216.65	-500.00	SIG1,SIG2,SIG3=	15435.	7935.4	-500.00
	S.I.=	14485.	SIGE=	12561.					
BOT	SX,SY,SKY,SZ=	16874.	16975.	-63.572	-1000.0	SIG1,SIG2,SIG3=	17006.	16843.	-1000.0
	S.I.=	18006.	SIGE=	17925.					
EL= 308 NODES= 3332 3333 3273 3272 MAT= 1 AREA= 9.91 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	14.60	8.565	-9.277	PRESS=	1000.0	0.		
	MX,MY,MXY=	-531.79	-1664.6	-6.3000					
TOP	SX,SY,SKY,SZ=	7739.	-568.27	-269.71	0.	SIG1,SIG2,SIG3=	11745.	.96486E-07	-574.17
	S.I.=	12319.	SIGE=	12042.					
MID	SX,SY,SKY,SZ=	14500.	8074.2	-237.00	-500.00	SIG1,SIG2,SIG3=	14509.	8065.4	-500.00
	S.I.=	15009.	SIGE=	13041.					
BOT	SX,SY,SKY,SZ=	17261.	16717.	-204.29	-1000.0	SIG1,SIG2,SIG3=	17329.	16649.	-1000.0
	S.I.=	18329.	SIGE=	17999.					
EL= 309 NODES= 3333 3334 3274 3273 MAT= 1 AREA= 10.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	13.24	10.69	-8.812	PRESS=	1000.0	0.		
	MX,MY,MXY=	-465.12	-1577.4	14.766					
TOP	SX,SY,SKY,SZ=	12716.	-92.234	-163.95	0.	SIG1,SIG2,SIG3=	12719.	.99210E-07	-94.332
	S.I.=	12813.	SIGE=	12766.					
MID	SX,SY,SKY,SZ=	15131.	8097.4	-240.61	-500.00	SIG1,SIG2,SIG3=	15140.	8089.2	-500.00
	S.I.=	15640.	SIGE=	13566.					
BOT	SX,SY,SKY,SZ=	17546.	16287.	-317.28	-1000.0	SIG1,SIG2,SIG3=	17622.	16212.	-1000.0
	S.I.=	18622.	SIGE=	17958.					
EL= 310 NODES= 3334 3335 3275 3274 MAT= 1 AREA= 10.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	11.36	12.76	-8.359	PRESS=	1000.0	0.		
	MX,MY,MXY=	-394.63	-1493.5	28.322					
TOP	SX,SY,SKY,SZ=	13748.	209.85	-70.749	0.	SIG1,SIG2,SIG3=	13749.	209.48	-.53068E-07
	S.I.=	13749.	SIGE=	13645.					
MID	SX,SY,SKY,SZ=	15797.	7964.3	-217.80	-500.00	SIG1,SIG2,SIG3=	15803.	7958.3	-500.00
	S.I.=	16303.	SIGE=	14122.					
BOT	SX,SY,SKY,SZ=	17846.	15719.	-364.85	-1000.0	SIG1,SIG2,SIG3=	17907.	15658.	-1000.0
	S.I.=	18907.	SIGE=	17889.					
EL= 311 NODES= 3335 3336 3276 3275 MAT= 1 AREA= 11.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	8.905	14.65	-7.947	PRESS=	1000.0	0.		
	MX,MY,MXY=	-356.28	-1433.9	28.645					
TOP	SX,SY,SKY,SZ=	14598.	233.91	-12.364	0.	SIG1,SIG2,SIG3=	14598.	233.90	-.55880E-07
	S.I.=	14598.	SIGE=	14482.					
MID	SX,SY,SKY,SZ=	16447.	7678.6	-161.09	-500.00	SIG1,SIG2,SIG3=	16450.	7675.7	-500.00
	S.I.=	16950.	SIGE=	14682.					
BOT	SX,SY,SKY,SZ=	18297.	15123.	-309.81	-1000.0	SIG1,SIG2,SIG3=	18327.	15093.	-1000.0
	S.I.=	19327.	SIGE=	17930.					
EL= 312 NODES= 3336 3337 3277 3276 MAT= 1 AREA= 12.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.824	16.15	-7.618	PRESS=	1000.0	0.		
	MX,MY,MXY=	-372.02	-1414.1	14.195					
TOP	SX,SY,SKY,SZ=	15063.	-36.663	1.6501	0.	SIG1,SIG2,SIG3=	15063.	.11835E-06	-36.663
	S.I.=	15100.	SIGE=	15081.					
MID	SX,SY,SKY,SZ=	16995.	7305.1	-72.052	-500.00	SIG1,SIG2,SIG3=	16995.	7304.5	-500.00
	S.I.=	17495.	SIGE=	15181.					
BOT	SX,SY,SKY,SZ=	18926.	14647.	-145.75	-1000.0	SIG1,SIG2,SIG3=	18931.	14642.	-1000.0
	S.I.=	19931.	SIGE=	18170.					
EL= 313 NODES= 3337 3338 3278 3277 MAT= 1 AREA= 13.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.737	17.04	-7.424	PRESS=	1000.0	0.		
	MX,MY,MXY=	-421.97	-1436.5	-6.7449					
TOP	SX,SY,SKY,SZ=	15124.	-549.18	-3.7498	0.	SIG1,SIG2,SIG3=	15124.	.12302E-06	-549.18
	S.I.=	15673.	SIGE=	15406.					
MID	SX,SY,SKY,SZ=	17315.	6909.2	31.270	-500.00	SIG1,SIG2,SIG3=	17315.	6909.1	-500.00
	S.I.=	17815.	SIGE=	15501.					
BOT	SX,SY,SKY,SZ=	19506.	14368.	66.289	-1000.0	SIG1,SIG2,SIG3=	19507.	14367.	-1000.0
	S.I.=	20507.	SIGE=	18481.					



EL= 314	NODES= 3338 3339 3279 3278	MAT= 1	AREA= 14.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.048 17.02 -7.427	PRESS=	1000.0 0.		
MX, MY, MXY=	-418.20 -1487.0 -17.496				
TOP SX, SY, SKY, SZ=	15103. -1200.2 25.410 0.	SIG1, SIG2, SIG3=	15103. .12757E-06 -1200.3		
S.I.=	16303. SIGE= 15738.				
MID SX, SY, SKY, SZ=	17274. 6520.3 116.25 -500.00	SIG1, SIG2, SIG3=	17274. 6519.1 -500.00		
S.I.=	17776. SIGE= 15507.				
BOT SX, SY, SKY, SZ=	14446. 14241. 207.09 -1000.0	SIG1, SIG2, SIG3=	14454. 14233. -1000.0		
S.I.=	20454. SIGE= 18407.				
EL= 315	NODES= 3339 3340 3280 3279	MAT= 1	AREA= 16.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-0.884 15.80 -7.694	PRESS=	1000.0 0.		
MX, MY, MXY=	-240.85 -1541.3 -11.031				
TOP SX, SY, SKY, SZ=	15534. -1595.3 103.38 0.	SIG1, SIG2, SIG3=	15534. .13416E-06 -1595.9		
S.I.=	17130. SIGE= 16391.				
MID SX, SY, SKY, SZ=	16784. 6406.9 160.65 -500.00	SIG1, SIG2, SIG3=	16787. 6404.5 -500.00		
S.I.=	17287. SIGE= 15071.				
BOT SX, SY, SKY, SZ=	18035. 14409. 217.93 -1000.0	SIG1, SIG2, SIG3=	18048. 14396. -1000.0		
S.I.=	19048. SIGE= 17510.				
EL= 316	NODES= 3340 3341 3281 3280	MAT= 1	AREA= 17.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.58 13.31 -8.240	PRESS=	1000.0 0.		
MX, MY, MXY=	-244.93 -1632.9 -.23768				
TOP SX, SY, SKY, SZ=	14670. -1578.4 171.56 0.	SIG1, SIG2, SIG3=	14672. .12732E-06 -1580.2		
S.I.=	16252. SIGE= 15522.				
MID SX, SY, SKY, SZ=	15942. 6899.7 172.79 -500.00	SIG1, SIG2, SIG3=	15945. 6896.4 -500.00		
S.I.=	16445. SIGE= 16266.				
BOT SX, SY, SKY, SZ=	17213. 15378. 174.02 -1000.0	SIG1, SIG2, SIG3=	17230. 15361. -1000.0		
S.I.=	18250. SIGE= 17371.				
EL= 317	NODES= 3341 3342 3282 3281	MAT= 1	AREA= 17.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65 9.950 -8.974	PRESS=	1000.0 0.		
MX, MY, MXY=	-524.39 -1765.5 10.519				
TOP SX, SY, SKY, SZ=	12230. -1611.6 208.35 0.	SIG1, SIG2, SIG3=	12233. .10841E-06 -1614.8		
S.I.=	13848. SIGE= 13115.				
MID SX, SY, SKY, SZ=	14953. 7555.1 153.74 -500.00	SIG1, SIG2, SIG3=	14956. 7551.9 -500.00		
S.I.=	15456. SIGE= 13389.				
BOT SX, SY, SKY, SZ=	17675. 16722. 99.125 -1000.0	SIG1, SIG2, SIG3=	17686. 16712. -1000.0		
S.I.=	18686. SIGE= 18218.				
EL= 318	NODES= 3342 3343 3283 3282	MAT= 1	AREA= 17.1	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50 6.287 -9.775	PRESS=	1000.0 0.		
MX, MY, MXY=	-756.63 -1922.0 31.406				
TOP SX, SY, SKY, SZ=	10017. -2234.2 281.96 0.	SIG1, SIG2, SIG3=	10024. .96160E-07 -2240.7		
S.I.=	12264. SIGE= 11312.				
MID SX, SY, SKY, SZ=	13946. 7744.7 118.90 -500.00	SIG1, SIG2, SIG3=	13948. 7742.4 -500.00		
S.I.=	14448. SIGE= 12554.				
BOT SX, SY, SKY, SZ=	17874. 17724. -44.164 -1000.0	SIG1, SIG2, SIG3=	17886. 17712. -1000.0		
S.I.=	18886. SIGE= 18799.				
EL= 319	NODES= 3343 3344 3284 3283	MAT= 1	AREA= 16.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-16.30 2.664 -10.57	PRESS=	1000.0 0.		
MX, MY, MXY=	-889.38 -2063.4 47.215				
TOP SX, SY, SKY, SZ=	8390.1 -3199.9 328.74 0.	SIG1, SIG2, SIG3=	8399.4 .90891E-07 -3209.2		
S.I.=	11609. SIGE= 10383.				
MID SX, SY, SKY, SZ=	13008. 7513.4 83.597 -500.00	SIG1, SIG2, SIG3=	13009. 7512.2 -500.00		
S.I.=	13309. SIGE= 11767.				
BOT SX, SY, SKY, SZ=	17625. 18227. -161.54 -1000.0	SIG1, SIG2, SIG3=	18267. 17585. -1000.0		
S.I.=	19267. SIGE= 18935.				
EL= 320	NODES= 3344 3345 3285 3284	MAT= 1	AREA= 16.2	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-16.26 -.6981 -11.30	PRESS=	1000.0 0.		
MX, MY, MXY=	-895.69 -2133.4 51.555				

TOP	SX,SY,SKY,SZ=	7547.5	-3874.3	315.02	0.	SIG1,SIG2,SIG3=	7556.0	.89637E-07	-3883.0
	S.I.=	11439.	SIGE=	10075.					
MID	SX,SY,SKY,SZ=	12198.	7202.4	47.348	-500.00	SIG1,SIG2,SIG3=	12198.	7202.0	-500.00
	S.I.=	12676.	SIGE=	11080.					
BOT	SX,SY,SKY,SZ=	16848.	18279.	-220.32	-1000.0	SIG1,SIG2,SIG3=	18312.	16815.	-1000.0
	S.I.=	19312.	SIGE=	18609.					
EL= 321 NODES= 3345 3346 3286 3285 MAT= 1 AREA= 15.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-15.60	-3.679	-11.95		PRESS=	1000.0	0.	
	MX,MY,MXY=	-823.25	-2132.4	48.317					
TOP	SX,SY,SKY,SZ=	7262.9	-4043.5	257.11	0.	SIG1,SIG2,SIG3=	7268.7	.88736E-07	-4049.4
	S.I.=	11318.	SIGE=	9933.0					
MID	SX,SY,SKY,SZ=	11537.	7028.1	6.2468	-500.00	SIG1,SIG2,SIG3=	11537.	7028.0	-500.00
	S.I.=	12037.	SIGE=	10533.					
BOT	SX,SY,SKY,SZ=	15812.	18100.	-244.61	-1000.0	SIG1,SIG2,SIG3=	18126.	15786.	-1000.0
	S.I.=	19126.	SIGE=	18070.					
EL= 322 NODES= 3346 3347 3287 3286 MAT= 1 AREA= 14.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-14.52	-6.232	-12.51		PRESS=	1000.0	0.	
	MX,MY,MXY=	-727.85	-2104.9	43.711					
TOP	SX,SY,SKY,SZ=	7241.5	-3891.5	191.47	0.	SIG1,SIG2,SIG3=	7244.8	.87221E-07	-3894.8
	S.I.=	11140.	SIGE=	9791.4					
MID	SX,SY,SKY,SZ=	11020.	7037.0	-35.482	-500.00	SIG1,SIG2,SIG3=	11021.	7036.7	-500.00
	S.I.=	11521.	SIGE=	10134.					
BOT	SX,SY,SKY,SZ=	14799.	17965.	-262.43	-1000.0	SIG1,SIG2,SIG3=	17987.	14778.	-1000.0
	S.I.=	18987.	SIGE=	17603.					
EL= 323 NODES= 3347 3348 3288 3287 MAT= 1 AREA= 13.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-13.15	-8.356	-12.98		PRESS=	1000.0	0.	
	MX,MY,MXY=	-636.25	-2074.7	40.346					
TOP	SX,SY,SKY,SZ=	7323.6	-3589.8	140.68	0.	SIG1,SIG2,SIG3=	7325.4	.85472E-07	-3591.6
	S.I.=	10917.	SIGE=	9637.0					
MID	SX,SY,SKY,SZ=	10627.	7181.9	-68.790	-500.00	SIG1,SIG2,SIG3=	10628.	7180.5	-500.00
	S.I.=	11128.	SIGE=	9867.1					
BOT	SX,SY,SKY,SZ=	13930.	17954.	-278.27	-1000.0	SIG1,SIG2,SIG3=	17973.	13911.	-1000.0
	S.I.=	18973.	SIGE=	17303.					
EL= 324 NODES= 3348 3349 3289 3288 MAT= 1 AREA= 12.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-11.64	-10.08	-13.35		PRESS=	1000.0	0.	
	MX,MY,MXY=	-553.18	-2046.4	38.294					
TOP	SX,SY,SKY,SZ=	7460.5	-3231.3	110.79	0.	SIG1,SIG2,SIG3=	7461.7	.83730E-07	-3232.4
	S.I.=	10694.	SIGE=	9499.7					
MID	SX,SY,SKY,SZ=	10333.	7393.4	-88.034	-500.00	SIG1,SIG2,SIG3=	10335.	7390.8	-500.00
	S.I.=	10835.	SIGE=	9704.1					
BOT	SX,SY,SKY,SZ=	13205.	18018.	-286.86	-1000.0	SIG1,SIG2,SIG3=	18035.	13188.	-1000.0
	S.I.=	19035.	SIGE=	17134.					
EL= 325 NODES= 3241 3242 3182 3181 MAT= 1 AREA= 4.25 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-1.825	-15.75	-9.116		PRESS=	1000.0	0.	
	MX,MY,MXY=	419.42	1079.9	40.620					
TOP	SX,SY,SKY,SZ=	13217.	12945.	511.47	0.	SIG1,SIG2,SIG3=	13610.	12552.	-.41321E-08
	S.I.=	13610.	SIGE=	13113.					
MID	SX,SY,SKY,SZ=	11039.	7338.5	300.57	-500.00	SIG1,SIG2,SIG3=	11064.	7314.2	-500.00
	S.I.=	11564.	SIGE=	10218.					
BOT	SX,SY,SKY,SZ=	8861.7	1731.6	89.673	-1000.0	SIG1,SIG2,SIG3=	8862.8	1730.4	-1000.0
	S.I.=	9862.8	SIGE=	8820.4					
EL= 326 NODES= 3242 3243 3183 3182 MAT= 1 AREA= 4.29 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-8.762	-15.89	-9.134		PRESS=	1000.0	0.	
	MX,MY,MXY=	-158.93	926.72	28.115					
TOP	SX,SY,SKY,SZ=	10377.	11976.	299.81	0.	SIG1,SIG2,SIG3=	12031.	10323.	-.66376E-08
	S.I.=	12031.	SIGE=	11274.					
MID	SX,SY,SKY,SZ=	11202.	7164.8	153.84	-500.00	SIG1,SIG2,SIG3=	11208.	7159.0	-500.00
	S.I.=	11708.	SIGE=	10299.					

EL= 327	NODES= 3294 3241 3181 3234	MAT= 1	AREA= 5.42	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.894 -15.54 -9.087	PRESS=	1000.0 0.		
MX, MY, MXY=	1000.6 1221.5 22.326				
TOP SX, SY, SKY, SZ=	16238. 13897. 272.18 0.	SIG1, SIG2, SIG3=	16269. 13865. -93454E-08		
S.I.=	16269. SIGE= 15210.				
MID SX, SY, SKY, SZ=	11043. 7554.7 156.26 -500.00	SIG1, SIG2, SIG3=	11050. 7547.7 -500.00		
S.I.=	11550. SIGE= 10258.				
BOT SX, SY, SKY, SZ=	5848.0 1212.9 40.349 -1000.0	SIG1, SIG2, SIG3=	5848.3 1212.5 -1000.0		
S.I.=	6848.3 SIGE= 6053.3				
EL= 328	NODES= 3243 3244 3184 3183	MAT= 1	AREA= 4.29	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	.8805E-01 -15.91 -9.137	PRESS=	1000.0 0.		
MX, MY, MXY=	-66.754 962.39 19.267				
TOP SX, SY, SKY, SZ=	10809. 11856. 121.53 0.	SIG1, SIG2, SIG3=	11870. 10795. -.42120E-08		
S.I.=	11870. SIGE= 11371.				
MID SX, SY, SKY, SZ=	11156. 6858.8 21.490 -500.00	SIG1, SIG2, SIG3=	11156. 6858.7 -500.00		
S.I.=	11656. SIGE= 10210.				
BOT SX, SY, SKY, SZ=	11502. 1862.1 -78.546 -1000.0	SIG1, SIG2, SIG3=	11503. 1861.5 -1000.0		
S.I.=	12503. SIGE= 11346.				
EL= 329	NODES= 3293 3294 3234 3233	MAT= 1	AREA= 5.96	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-4.152 -15.27 -9.049	PRESS=	1000.0 0.		
MX, MY, MXY=	913.80 1178.2 6.5423				
TOP SX, SY, SKY, SZ=	15833. 13950. 99.948 0.	SIG1, SIG2, SIG3=	15839. 13945. -.73689E-08		
S.I.=	15839. SIGE= 14982.				
MID SX, SY, SKY, SZ=	11089. 7832.9 65.981 -500.00	SIG1, SIG2, SIG3=	11090. 7831.5 -500.00		
S.I.=	11590. SIGE= 10353.				
BOT SX, SY, SKY, SZ=	6344.5 1715.7 32.013 -1000.0	SIG1, SIG2, SIG3=	6344.7 1715.5 -1000.0		
S.I.=	7344.7 SIGE= 6432.3				
EL= 330	NODES= 3244 3245 3185 3184	MAT= 1	AREA= 4.29	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	1.052 -15.88 -9.133	PRESS=	1000.0 0.		
MX, MY, MXY=	14.308 988.55 18.788				
TOP SX, SY, SKY, SZ=	11215. 11873. 60.978 0.	SIG1, SIG2, SIG3=	11879. 11210. -.26153E-08		
S.I.=	11879. SIGE= 11559.				
MID SX, SY, SKY, SZ=	11141. 6740.6 -36.571 -500.00	SIG1, SIG2, SIG3=	11141. 6740.3 -500.00		
S.I.=	11641. SIGE= 10181.				
BOT SX, SY, SKY, SZ=	11067. 1608.0 -134.12 -1000.0	SIG1, SIG2, SIG3=	11069. 1606.1 -1000.0		
S.I.=	12069. SIGE= 11000.				
EL= 331	NODES= 3292 3293 3233 3232	MAT= 1	AREA= 6.54	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-5.510 -14.85 -8.992	PRESS=	1000.0 0.		
MX, MY, MXY=	804.18 1132.4 -1.5982				
TOP SX, SY, SKY, SZ=	15298. 13777. 67.131 0.	SIG1, SIG2, SIG3=	15301. 13774. -.58698E-08		
S.I.=	15301. SIGE= 14598.				
MID SX, SY, SKY, SZ=	11123. 7898.0 75.429 -500.00	SIG1, SIG2, SIG3=	11125. 7898.0 -500.00		
S.I.=	11625. SIGE= 10394.				
BOT SX, SY, SKY, SZ=	6947.7 2018.5 83.727 -1000.0	SIG1, SIG2, SIG3=	6949.1 2018.5 -1000.0		
S.I.=	7949.1 SIGE= 6950.4				
EL= 332	NODES= 3245 3246 3186 3185	MAT= 1	AREA= 4.29	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.012 -15.79 -9.121	PRESS=	1000.0 0.		
MX, MY, MXY=	97.086 1009.5 21.299				
TOP SX, SY, SKY, SZ=	11641. 11909. 53.676 0.	SIG1, SIG2, SIG3=	11919. 11631. -.10577E-08		
S.I.=	11919. SIGE= 11777.				
MID SX, SY, SKY, SZ=	11137. 6867.2 -56.906 -500.00	SIG1, SIG2, SIG3=	11138. 6866.5 -500.00		
S.I.=	11638. SIGE= 10168.				
BOT SX, SY, SKY, SZ=	10633. 1425.8 -167.49 -1000.0	SIG1, SIG2, SIG3=	10636. 1422.8 -1000.0		
S.I.=	11636. SIGE= 10634.				
EL= 333	NODES= 3291 3292 3232 3231	MAT= 1	AREA= 7.15	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63



EL=	334	NODES=	3246 3247 3187 3186	MAT=	1	AREA=	4.28	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	-0.961	-14.25	-8.911	PRESS=	1000.0	0.					
MX,MY,MXY=	685.19	1082.1	-9.9610								
TOP SX,SY,SXY,SZ=	14719.	13496.	58.013	0.	SIG1,SIG2,SIG3=	14722.	13494.	-4.8109E-08			
S.I.=	14722.	SIGE=	14148.								
MID SX,SY,SXY,SZ=	11161.	7878.0	109.73	-500.00	SIG1,SIG2,SIG3=	11165.	7874.4	-500.00			
S.I.=	11645.	SIGE=	10417.								
BOT SX,SY,SXY,SZ=	7603.9	2259.7	161.45	-1000.0	SIG1,SIG2,SIG3=	7608.7	2254.8	-1000.0			
S.I.=	8608.7	SIGE=	7528.9								
EL=	335	NODES=	3290 3291 3231 3230	MAT=	1	AREA=	7.80	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	2.966	-15.64	-9.101	PRESS=	1000.0	0.					
MX,MY,MXY=	175.65	1026.2	22.749								
TOP SX,SY,SXY,SZ=	12050.	11937.	47.581	0.	SIG1,SIG2,SIG3=	12067.	11919.	-5.1371E-09			
S.I.=	12067.	SIGE=	11994.								
MID SX,SY,SXY,SZ=	11138.	6608.9	-70.534	-500.00	SIG1,SIG2,SIG3=	11139.	6607.8	-500.00			
S.I.=	11639.	SIGE=	10161.								
BOT SX,SY,SXY,SZ=	10226.	1280.9	-188.65	-1000.0	SIG1,SIG2,SIG3=	10230.	1276.9	-1000.0			
S.I.=	11230.	SIGE=	10282.								
EL=	336	NODES=	3290 3291 3231 3230	MAT=	1	AREA=	7.80	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	-8.487	-13.44	-8.801	PRESS=	1000.0	0.					
MX,MY,MXY=	569.86	1023.5	-20.034								
TOP SX,SY,SXY,SZ=	14167.	13089.	49.728	0.	SIG1,SIG2,SIG3=	14169.	13086.	-4.1776E-08			
S.I.=	14169.	SIGE=	13660.								
MID SX,SY,SXY,SZ=	11209.	7774.4	153.74	-500.00	SIG1,SIG2,SIG3=	11215.	7767.6	-500.00			
S.I.=	11715.	SIGE=	10428.								
BOT SX,SY,SXY,SZ=	8249.8	2460.3	257.76	-1000.0	SIG1,SIG2,SIG3=	8261.3	2448.8	-1000.0			
S.I.=	9261.3	SIGE=	8107.1								
EL=	337	NODES=	3247 3248 3188 3187	MAT=	1	AREA=	4.26	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	3.909	-15.44	-9.074	PRESS=	1000.0	0.					
MX,MY,MXY=	242.91	1038.2	22.269								
TOP SX,SY,SXY,SZ=	12405.	11956.	31.707	0.	SIG1,SIG2,SIG3=	12407.	11953.	-1.6747E-08			
S.I.=	12407.	SIGE=	12187.								
MID SX,SY,SXY,SZ=	11144.	6563.8	-83.914	-500.00	SIG1,SIG2,SIG3=	11145.	6563.8	-500.00			
S.I.=	11645.	SIGE=	10161.								
BOT SX,SY,SXY,SZ=	9882.7	1175.0	-199.54	-1000.0	SIG1,SIG2,SIG3=	9887.2	1170.4	-1000.0			
S.I.=	10887.	SIGE=	9980.6								
EL=	338	NODES=	3289 3290 3230 3229	MAT=	1	AREA=	8.47	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	-10.06	-12.37	-8.654	PRESS=	1000.0	0.					
MX,MY,MXY=	459.84	954.02	-29.991								
TOP SX,SY,SXY,SZ=	13661.	12562.	50.915	0.	SIG1,SIG2,SIG3=	13664.	12560.	-4.2710E-08			
S.I.=	13664.	SIGE=	13148.								
MID SX,SY,SXY,SZ=	11274.	7608.9	206.63	-500.00	SIG1,SIG2,SIG3=	11285.	7597.2	-500.00			
S.I.=	11785.	SIGE=	10442.								
BOT SX,SY,SXY,SZ=	8886.2	2655.6	362.34	-1000.0	SIG1,SIG2,SIG3=	8907.2	2634.6	-1000.0			
S.I.=	9907.2	SIGE=	8680.7								
EL=	339	NODES=	3288 3289 3229 3228	MAT=	1	AREA=	9.14	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	-11.64	-10.98	-8.464	PRESS=	1000.0	0.					
MX,MY,MXY=	351.09	870.50	-37.840								
TOP SX,SY,SXY,SZ=	13192.	11930.	72.093	0.	SIG1,SIG2,SIG3=	13196.	11926.	-4.9580E-08			
S.I.=	13196.	SIGE=	12609.								
MID SX,SY,SXY,SZ=	11369.	7410.6	268.56	-500.00	SIG1,SIG2,SIG3=	11387.	7392.5	-500.00			
S.I.=	11887.	SIGE=	10478.								
BOT SX,SY,SXY,SZ=	9546.4	2891.0	465.02	-1000.0	SIG1,SIG2,SIG3=	9578.7	2858.6	-1000.0			
S.I.=	10579.	SIGE=	9272.5								
EL=	339	NODES=	3248 3249 3189 3188	MAT=	1	AREA=	4.25	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
XC,YC,ZC=	4.840	-15.19	-9.039	PRESS=	1000.0	0.					
MX,MY,MXY=	295.73	1045.0	20.454								
TOP SX,SY,SXY,SZ=	12691.	11956.	9.6508	0.	SIG1,SIG2,SIG3=	12691.	11956.	-2.8855E-08			
S.I.=	12691.	SIGE=	12340.								



MID	SX,SY,SXY,SZ=	11155.	6531.1	-96.545	-500.00	SIG1,SIG2,SIG3=	11157.	6529.1	-500.00
	S.I.=	11657.	SIGE=	10167.					
BOT	SX,SY,SXY,SZ=	9619.8	1105.6	-202.74	-1000.0	SIG1,SIG2,SIG3=	9624.6	1100.8	-1000.0
	S.I.=	10625.	SIGE=	9745.5					
EL= 340 NODES= 3249 3250 3190 3189 MAT= 1 AREA= 4.23 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.253	-14.89	-8.998	PRESS=	1000.0	0.		
	MX,MY,MXY=	355.00	1045.9	17.927					
TOP	SX,SY,SXY,SZ=	12900.	11929.	-15.732	0.	SIG1,SIG2,SIG3=	12900.	11929.	-.37122E-08
	S.I.=	12900.	SIGE=	12443.					
MID	SX,SY,SXY,SZ=	11171.	6498.7	-108.81	-500.00	SIG1,SIG2,SIG3=	11174.	6496.1	-500.00
	S.I.=	11674.	SIGE=	10176.					
BOT	SX,SY,SXY,SZ=	9442.2	1068.3	-201.89	-1000.0	SIG1,SIG2,SIG3=	9447.1	1063.4	-1000.0
	S.I.=	10447.	SIGE=	9583.4					
EL= 341 NODES= 3250 3251 3191 3120 MAT= 1 AREA= 4.20 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	6.648	-14.53	-8.949	PRESS=	1000.0	0.		
	MX,MY,MXY=	354.14	1040.8	15.051					
TOP	SX,SY,SXY,SZ=	13030.	11867.	-43.411	0.	SIG1,SIG2,SIG3=	13032.	11866.	-.45829E-08
	S.I.=	13032.	SIGE=	12490.					
MID	SX,SY,SXY,SZ=	11191.	6463.6	-121.55	-500.00	SIG1,SIG2,SIG3=	11195.	6460.5	-500.00
	S.I.=	11695.	SIGE=	10189.					
BOT	SX,SY,SXY,SZ=	9352.7	1059.9	-199.70	-1000.0	SIG1,SIG2,SIG3=	9357.5	1055.1	-1000.0
	S.I.=	10358.	SIGE=	9498.2					
EL= 342 NODES= 3251 3252 3192 3191 MAT= 1 AREA= 4.18 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	7.520	-14.12	-8.893	PRESS=	1000.0	0.		
	MX,MY,MXY=	358.91	1029.5	12.086					
TOP	SX,SY,SXY,SZ=	13080.	11769.	-72.578	0.	SIG1,SIG2,SIG3=	13084.	11765.	-.51115E-08
	S.I.=	13084.	SIGE=	12477.					
MID	SX,SY,SXY,SZ=	11216.	6423.9	-135.33	-500.00	SIG1,SIG2,SIG3=	11220.	6420.1	-500.00
	S.I.=	11720.	SIGE=	10205.					
BOT	SX,SY,SXY,SZ=	9352.6	1078.6	-198.08	-1000.0	SIG1,SIG2,SIG3=	9357.4	1073.9	-1000.0
	S.I.=	10357.	SIGE=	9491.9					
EL= 343 NODES= 3252 3253 3193 3192 MAT= 1 AREA= 4.15 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	8.366	-13.66	-8.830	PRESS=	1000.0	0.		
	MX,MY,MXY=	347.30	1012.2	9.2925					
TOP	SX,SY,SXY,SZ=	13049.	11635.	-102.34	0.	SIG1,SIG2,SIG3=	13056.	11627.	-.55629E-08
	S.I.=	13056.	SIGE=	12403.					
MID	SX,SY,SXY,SZ=	11245.	6379.3	-150.59	-500.00	SIG1,SIG2,SIG3=	11250.	6374.6	-500.00
	S.I.=	11750.	SIGE=	10225.					
BOT	SX,SY,SXY,SZ=	9442.2	1123.8	-198.83	-1000.0	SIG1,SIG2,SIG3=	9446.9	1119.0	-1000.0
	S.I.=	10447.	SIGE=	9565.1					
EL= 344 NODES= 3253 3254 3194 3193 MAT= 1 AREA= 4.12 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	9.184	-13.16	-8.761	PRESS=	1000.0	0.		
	MX,MY,MXY=	319.53	989.12	6.9367					
TOP	SX,SY,SXY,SZ=	12939.	11457.	-131.77	0.	SIG1,SIG2,SIG3=	12950.	11455.	-.57459E-08
	S.I.=	12950.	SIGE=	12271.					
MID	SX,SY,SXY,SZ=	11280.	6331.2	-167.79	-500.00	SIG1,SIG2,SIG3=	11285.	6325.5	-500.00
	S.I.=	11785.	SIGE=	10249.					
BOT	SX,SY,SXY,SZ=	9620.5	1195.7	-203.80	-1000.0	SIG1,SIG2,SIG3=	9625.4	1190.8	-1000.0
	S.I.=	10625.	SIGE=	9717.1					
EL= 345 NODES= 3254 3255 3195 3194 MAT= 1 AREA= 4.08 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	9.971	-12.60	-8.686	PRESS=	1000.0	0.		
	MX,MY,MXY=	276.05	960.54	5.2827					
TOP	SX,SY,SXY,SZ=	12752.	11270.	-159.87	0.	SIG1,SIG2,SIG3=	12769.	11253.	-.58444E-08
	S.I.=	12769.	SIGE=	12083.					
MID	SX,SY,SXY,SZ=	11319.	6282.7	-187.30	-500.00	SIG1,SIG2,SIG3=	11326.	6275.7	-500.00
	S.I.=	11826.	SIGE=	10278.					
BOT	SX,SY,SXY,SZ=	9885.8	1295.6	-214.72	-1000.0	SIG1,SIG2,SIG3=	9891.1	1290.2	-1000.0
	S.I.=	10891.	SIGE=	9945.8					

EL= 346	NODES= 3255 3256 3196 3195	MAT= 1	AREA= 4.04	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 10.72	-12.01 -8.604	PRESS= 1000.0	0.		
MX,MY,MXY= 217.61	927.01 4.5918				
TOP SX,SY,SKY,SZ= 12494.	11051.	-185.43	0.	SIG1,SIG2,SIG3= 12518.	11028. -5.7705E-08
S.I.= 12518.	SIGE= 11843.				
MID SX,SY,SKY,SZ= 11364.	6238.0	-209.28	-500.00	SIG1,SIG2,SIG3= 11373.	6229.5 -500.00
S.I.= 11873.	SIGE= 10313.				
BOT SX,SY,SKY,SZ= 10235.	1425.0	-233.12	-1000.0	SIG1,SIG2,SIG3= 10241.	1418.8 -1000.0
S.I.= 11241.	SIGE= 10248.				
EL= 347	NODES= 3256 3257 3197 3196	MAT= 1	AREA= 4.00	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.44	-11.37 -8.517	PRESS= 1000.0	0.		
MX,MY,MXY= 145.34	889.20 5.1219				
TOP SX,SY,SKY,SZ= 12171.	10819.	-207.04	0.	SIG1,SIG2,SIG3= 12202.	10768. -5.4913E-08
S.I.= 12202.	SIGE= 11560.				
MID SX,SY,SKY,SZ= 11416.	6202.4	-233.63	-500.00	SIG1,SIG2,SIG3= 11426.	6192.0 -500.00
S.I.= 11926.	SIGE= 10354.				
BOT SX,SY,SKY,SZ= 10661.	1585.7	-260.23	-1000.0	SIG1,SIG2,SIG3= 10669.	1578.2 -1000.0
S.I.= 11669.	SIGE= 10617.				
EL= 348	NODES= 3257 3258 3198 3197	MAT= 1	AREA= 3.96	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 12.12	-10.69 -8.424	PRESS= 1000.0	0.		
MX,MY,MXY= 60.903	847.96 7.1211				
TOP SX,SY,SKY,SZ= 11790.	10584.	-223.01	0.	SIG1,SIG2,SIG3= 11830.	10544. -5.0266E-08
S.I.= 11830.	SIGE= 11243.				
MID SX,SY,SKY,SZ= 11474.	6181.4	-259.98	-500.00	SIG1,SIG2,SIG3= 11487.	6168.7 -500.00
S.I.= 11987.	SIGE= 10403.				
BOT SX,SY,SKY,SZ= 11158.	1778.8	-296.96	-1000.0	SIG1,SIG2,SIG3= 11167.	1769.4 -1000.0
S.I.= 12167.	SIGE= 11046.				
EL= 349	NODES= 3258 3259 3199 3198	MAT= 1	AREA= 3.91	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 12.76	-9.971 -8.326	PRESS= 1000.0	0.		
MX,MY,MXY= -33.397	804.28 10.801				
TOP SX,SY,SKY,SZ= 11366.	10356.	-231.64	0.	SIG1,SIG2,SIG3= 11417.	10306. -4.3208E-08
S.I.= 11417.	SIGE= 10904.				
MID SX,SY,SKY,SZ= 11540.	6180.3	-287.72	-500.00	SIG1,SIG2,SIG3= 11555.	6164.9 -500.00
S.I.= 12055.	SIGE= 10459.				
BOT SX,SY,SKY,SZ= 11713.	2004.5	-343.80	-1000.0	SIG1,SIG2,SIG3= 11725.	1992.4 -1000.0
S.I.= 12725.	SIGE= 11524.				
EL= 350	NODES= 3259 3260 3200 3199	MAT= 1	AREA= 3.86	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.35	-9.219 -8.224	PRESS= 1000.0	0.		
MX,MY,MXY= -134.33	759.29 16.277				
TOP SX,SY,SKY,SZ= 10915.	10146.	-231.77	0.	SIG1,SIG2,SIG3= 10980.	10082. -3.5288E-08
S.I.= 10980.	SIGE= 10559.				
MID SX,SY,SKY,SZ= 11613.	6203.8	-316.28	-500.00	SIG1,SIG2,SIG3= 11631.	6185.4 -500.00
S.I.= 12131.	SIGE= 10524.				
BOT SX,SY,SKY,SZ= 12310.	2261.6	-400.79	-1000.0	SIG1,SIG2,SIG3= 12326.	2245.6 -1000.0
S.I.= 13326.	SIGE= 12035.				
EL= 351	NODES= 3260 3261 3201 3200	MAT= 1	AREA= 3.81	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.90	-8.433 -8.116	PRESS= 1000.0	0.		
MX,MY,MXY= -237.60	714.10 23.430				
TOP SX,SY,SKY,SZ= 10460.	9962.1	-224.35	0.	SIG1,SIG2,SIG3= 10546.	9875.9 -2.26013E-08
S.I.= 10546.	SIGE= 10227.				
MID SX,SY,SKY,SZ= 11694.	6254.5	-346.00	-500.00	SIG1,SIG2,SIG3= 11715.	6232.6 -500.00
S.I.= 12215.	SIGE= 10597.				
BOT SX,SY,SKY,SZ= 12927.	2548.9	-467.65	-1000.0	SIG1,SIG2,SIG3= 12948.	2525.9 -1000.0
S.I.= 13948.	SIGE= 12562.				
EL= 352	NODES= 3261 3262 3202 3201	MAT= 1	AREA= 3.76	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.40	-7.617 -8.005	PRESS= 1000.0	0.		
MX,MY,MXY= -337.32	669.27 31.336				

TOP	SX,SY,SKY,SZ=	10033.	9807.9	-218.38	0.	SIG1,SIG2,SIG3=	10166.	9674.7	-.19604E-08
	S.I.=	10166.	SIGE=	9929.4					
MID	SX,SY,SKY,SZ=	11784.	8333.1	-381.07	-500.00	SIG1,SIG2,SIG3=	11810.	6306.6	-500.00
	S.I.=	12310.	SIGE=	10681.					
BOT	SX,SY,SKY,SZ=	13535.	2858.2	-543.77	-1000.0	SIG1,SIG2,SIG3=	13563.	2830.6	-1000.0
	S.I.=	14563.	SIGE=	13075.					
EL= 353 NODES= 3262 3263 3203 3202 MAT= 1 AREA= 3.71 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -6.773 -7.890 PRESS= 1000.0 0.									
MX,MY,MXY= -627.35 623.37 36.232									
TOP	SX,SY,SKY,SZ=	9670.5	9687.2	-246.47	0.	SIG1,SIG2,SIG3=	9925.5	9432.2	-.18929E-08
	S.I.=	9925.5	SIGE=	9688.3					
MID	SX,SY,SKY,SZ=	11889.	6450.7	-434.59	-500.00	SIG1,SIG2,SIG3=	11924.	6416.1	-500.00
	S.I.=	12424.	SIGE=	10782.					
BOT	SX,SY,SKY,SZ=	14108.	3214.1	-622.70	-1000.0	SIG1,SIG2,SIG3=	14144.	3178.6	-1000.0
	S.I.=	15144.	SIGE=	13547.					
EL= 354 NODES= 3263 3264 3204 3203 MAT= 1 AREA= 3.65 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 -5.905 -7.771 PRESS= 1000.0 0.									
MX,MY,MXY= -523.54 569.13 29.205									
TOP	SX,SY,SKY,SZ=	9293.3	9595.5	-396.24	0.	SIG1,SIG2,SIG3=	9868.4	9020.3	-.33067E-08
	S.I.=	9868.4	SIGE=	9472.9					
MID	SX,SY,SKY,SZ=	12012.	6640.5	-547.87	-500.00	SIG1,SIG2,SIG3=	12067.	6585.2	-500.00
	S.I.=	12567.	SIGE=	10913.					
BOT	SX,SY,SKY,SZ=	14730.	3685.6	-699.50	-1000.0	SIG1,SIG2,SIG3=	14774.	3641.4	-1000.0
	S.I.=	15774.	SIGE=	14041.					
EL= 355 NODES= 3264 3265 3205 3204 MAT= 1 AREA= 3.56 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -5.003 -7.648 PRESS= 1000.0 0.									
MX,MY,MXY= 101.72 670.80 -7.2545									
TOP	SX,SY,SKY,SZ=	12440.	10314.	-796.47	0.	SIG1,SIG2,SIG3=	12705.	10049.	-.10342E-07
	S.I.=	12705.	SIGE=	11607.					
MID	SX,SY,SKY,SZ=	11912.	6831.5	-758.80	-500.00	SIG1,SIG2,SIG3=	12023.	6720.6	-500.00
	S.I.=	12523.	SIGE=	10887.					
BOT	SX,SY,SKY,SZ=	11384.	3348.7	-721.14	-1000.0	SIG1,SIG2,SIG3=	11448.	3284.5	-1000.0
	S.I.=	12448.	SIGE=	10953.					
EL= 356 NODES= 3265 3266 3206 3205 MAT= 1 AREA= 4.48 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -3.958 -7.505 PRESS= 1000.0 0.									
MX,MY,MXY= 755.76 830.81 -18.139									
TOP	SX,SY,SKY,SZ=	16028.	11385.	-654.35	0.	SIG1,SIG2,SIG3=	16118.	11294.	-.18848E-07
	S.I.=	16118.	SIGE=	14329.					
MID	SX,SY,SKY,SZ=	12104.	7071.0	-560.17	-500.00	SIG1,SIG2,SIG3=	12166.	7009.4	-500.00
	S.I.=	12666.	SIGE=	11052.					
BOT	SX,SY,SKY,SZ=	8180.2	2757.5	-466.00	-1000.0	SIG1,SIG2,SIG3=	8220.0	2717.7	-1000.0
	S.I.=	9220.0	SIGE=	8034.4					
EL= 357 NODES= 3266 3267 3207 3206 MAT= 1 AREA= 4.83 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.13 -2.718 -7.336 PRESS= 1000.0 0.									
MX,MY,MXY= 631.26 749.48 -9.6195									
TOP	SX,SY,SKY,SZ=	15550.	11135.	-534.47	0.	SIG1,SIG2,SIG3=	15614.	11072.	-.17789E-07
	S.I.=	15614.	SIGE=	13911.					
MID	SX,SY,SKY,SZ=	12273.	7244.0	-484.52	-500.00	SIG1,SIG2,SIG3=	12319.	7197.7	-500.00
	S.I.=	12819.	SIGE=	11176.					
BOT	SX,SY,SKY,SZ=	8995.5	3352.7	-434.58	-1000.0	SIG1,SIG2,SIG3=	9028.8	3319.4	-1000.0
	S.I.=	10029.	SIGE=	8712.9					
EL= 358 NODES= 3267 3268 3208 3207 MAT= 1 AREA= 5.19 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.34 -1.526 -7.146 PRESS= 1000.0 0.									
MX,MY,MXY= 489.75 664.50 5.8660									
TOP	SX,SY,SKY,SZ=	15008.	10822.	-472.28	0.	SIG1,SIG2,SIG3=	15061.	10769.	-.16796E-07
	S.I.=	15061.	SIGE=	13439.					
MID	SX,SY,SKY,SZ=	12466.	7371.7	-502.73	-500.00	SIG1,SIG2,SIG3=	12515.	7322.5	-500.00
	S.I.=	13015.	SIGE=	11348.					

BOT SK,SY,SKY,SZ= 9922.9 3921.6 -533.19 -1000.0		SIG1,SIG2,SIG3= 9969.9 3874.6 -1000.0	
S.I.= 10970. SIGE= 9519.8			
EL= 359 NODES= 3268 3269 3209 3208		MAT= 1 AREA= 5.56 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 16.44 .2251 -6.934		PRESS= 1000.0 0.	
MX,MY,MXY= 349.41 567.62 27.621			
TOP SK,SY,SKY,SZ= 14503. 10452. -402.44 0.		SIG1,SIG2,SIG3= 14543. 10412. -.16179E-07	
S.I.= 14543. SIGE= 12980.			
MID SK,SY,SKY,SZ= 12689. 7504.6 -545.85 -500.00		SIG1,SIG2,SIG3= 12746. 7447.7 -500.00	
S.I.= 13246. SIGE= 11548.			
BOT SK,SY,SKY,SZ= 10875. 4557.5 -689.26 -1000.0		SIG1,SIG2,SIG3= 10950. 4483.2 -1000.0	
S.I.= 11450. SIGE= 10360.			
EL= 350 NODES= 3269 3270 3210 3209		MAT= 1 AREA= 5.94 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 16.37 1.939 -6.700		PRESS= 1000.0 0.	
MX,MY,MXY= 224.59 444.41 51.809			
TOP SK,SY,SKY,SZ= 14122. 10063. -324.17 0.		SIG1,SIG2,SIG3= 14147. 10037. -.16155E-07	
S.I.= 14147. SIGE= 12605.			
MID SK,SY,SKY,SZ= 12956. 7652.0 -593.16 -500.00		SIG1,SIG2,SIG3= 13021. 7586.5 -500.00	
S.I.= 13521. SIGE= 11785.			
BOT SK,SY,SKY,SZ= 11790. 5240.8 -862.15 -1000.0		SIG1,SIG2,SIG3= 11901. 5129.2 -1000.0	
S.I.= 12901. SIGE= 11177.			
EL= 361 NODES= 3270 3271 3211 3210		MAT= 1 AREA= 6.30 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 16.09 3.811 -6.444		PRESS= 1000.0 0.	
MX,MY,MXY= 128.24 367.89 75.026			
TOP SK,SY,SKY,SZ= 13940. 9721.6 -241.40 0.		SIG1,SIG2,SIG3= 13954. 9707.9 -.16542E-07	
S.I.= 13954. SIGE= 12389.			
MID SK,SY,SKY,SZ= 13275. 7811.6 -630.93 -500.00		SIG1,SIG2,SIG3= 13347. 7739.7 -500.00	
S.I.= 13847. SIGE= 12063.			
BOT SK,SY,SKY,SZ= 12409. 5901.5 -1020.5 -1000.0		SIG1,SIG2,SIG3= 12761. 5749.7 -1000.0	
S.I.= 13761. SIGE= 1918.			
EL= 362 NODES= 3271 3272 3212 3211		MAT= 1 AREA= 6.66 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 15.52 5.823 -6.169		PRESS= 1000.0 0.	
MX,MY,MXY= 67.758 283.41 95.466			
TOP SK,SY,SKY,SZ= 14004. 9434.7 -151.43 0.		SIG1,SIG2,SIG3= 14009. 9429.7 -.17911E-07	
S.I.= 14009. SIGE= 12372.			
MID SK,SY,SKY,SZ= 13652. 7963.3 -647.09 -500.00		SIG1,SIG2,SIG3= 13725. 7890.6 -500.00	
S.I.= 14225. SIGE= 12385.			
BOT SK,SY,SKY,SZ= 13301. 6491.8 -1142.7 -1000.0		SIG1,SIG2,SIG3= 13487. 6305.2 -1000.0	
S.I.= 14487. SIGE= 12547.			
EL= 363 NODES= 3272 3273 3213 3212		MAT= 1 AREA= 7.01 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 14.60 7.939 -5.880		PRESS= 1000.0 0.	
MX,MY,MXY= 42.355 208.37 110.77			
TOP SK,SY,SKY,SZ= 14310. 9147.0 -54.141 0.		SIG1,SIG2,SIG3= 14310. 9146.4 -.20233E-07	
S.I.= 14310. SIGE= 12552.			
MID SK,SY,SKY,SZ= 14090. 8065.1 -629.26 -500.00		SIG1,SIG2,SIG3= 14155. 8000.1 -500.00	
S.I.= 14655. SIGE= 12745.			
BOT SK,SY,SKY,SZ= 13870. 6983.2 -1204.4 -1000.0		SIG1,SIG2,SIG3= 14074. 6778.7 -1000.0	
S.I.= 15074. SIGE= 13057.			
EL= 364 NODES= 3273 3274 3214 3213		MAT= 1 AREA= 7.35 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	
XC,YC,ZC= 13.24 10.10 -5.586		PRESS= 1000.0 0.	
MX,MY,MXY= 42.794 139.51 116.36			
TOP SK,SY,SKY,SZ= 14800. 8786.6 38.041 0.		SIG1,SIG2,SIG3= 14800. 8786.4 -.23608E-07	
S.I.= 14800. SIGE= 12892.			
MID SK,SY,SKY,SZ= 14577. 8062.3 -566.10 -500.00		SIG1,SIG2,SIG3= 14626. 8013.5 -500.00	
S.I.= 15126. SIGE= 13134.			
BOT SK,SY,SKY,SZ= 14355. 7338.0 -1170.2 -1000.0		SIG1,SIG2,SIG3= 14545. 7147.9 -1000.0	
S.I.= 15545. SIGE= 13488.			
EL= 365 NODES= 3274 3275 3215 3214		MAT= 1 AREA= 7.70 ITOP,TBOT= 0.0 0.0 QUAD SHELL 63	



EL= 366 NODES= 3275 3276 3216 3215 MAT= 1 AREA= 8.08 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 11.56 12.20 -5.299		PRESS= 1000.0 0.							
MX, MY, MXY= 49.033 73.255 107.00									
TOP	SX, SY, SKY, SZ= 15348. 8295.8	103.19	0.	SIG1, SIG2, SIG3= 15349.	8294.3	-2.7645E-07			
	S.I.= 15349. SIGE= 13307.								
MID	SX, SY, SKY, SZ= 15093. 7915.5	-452.35	-500.00	SIG1, SIG2, SIG3= 15121.	7887.1	-500.00			
	S.I.= 15621. SIGE= 13541.								
BOT	SX, SY, SKY, SZ= 14838. 7535.1	-1007.9	-1000.0	SIG1, SIG2, SIG3= 14975.	7398.6	-1000.0			
	S.I.= 15975. SIGE= 13841.								
EL= 367 NODES= 3276 3277 3217 3216 MAT= 1 AREA= 8.55 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 8.905 14.11 -5.038		PRESS= 1000.0 0.							
MX, MY, MXY= 35.321 4.7580 80.189									
TOP	SX, SY, SKY, SZ= 15776. 7659.7	121.30	0.	SIG1, SIG2, SIG3= 15778.	7657.9	-3.1779E-07			
	S.I.= 15778. SIGE= 13666.								
MID	SX, SY, SKY, SZ= 15593. 7635.0	-295.05	-500.00	SIG1, SIG2, SIG3= 15604.	7624.0	-500.00			
	S.I.= 16104. SIGE= 13946.								
BOT	SX, SY, SKY, SZ= 15409. 7610.3	-711.39	-1000.0	SIG1, SIG2, SIG3= 15474.	7545.9	-1000.0			
	S.I.= 16474. SIGE= 14270.								
EL= 368 NODES= 3276 3277 3217 3216 MAT= 1 AREA= 8.55 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 5.824 15.64 -4.829		PRESS= 1000.0 0.							
MX, MY, MXY= -11.306 -66.618 39.333									
TOP	SX, SY, SKY, SZ= 15943. 6939.0	88.647	0.	SIG1, SIG2, SIG3= 15944.	6938.2	-3.5259E-07			
	S.I.= 15944. SIGE= 13846.								
MID	SX, SY, SKY, SZ= 16002. 7288.3	-115.57	-500.00	SIG1, SIG2, SIG3= 16003.	7283.4	-500.00			
	S.I.= 16503. SIGE= 14300.								
BOT	SX, SY, SKY, SZ= 16060. 7630.8	-319.78	-1000.0	SIG1, SIG2, SIG3= 16072.	7618.7	-1000.0			
	S.I.= 17072. SIGE= 14785.								
EL= 368 NODES= 3277 3278 3218 3217 MAT= 1 AREA= 9.19 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 2.137 14.54 -4.706		PRESS= 1000.0 0.							
MX, MY, MXY= -65.788 -127.86 -4.6499									
TOP	SX, SY, SKY, SZ= 15869. 6261.6	28.969	0.	SIG1, SIG2, SIG3= 15869.	6261.5	-3.7520E-07			
	S.I.= 15869. SIGE= 13845.								
MID	SX, SY, SKY, SZ= 16211. 6925.4	53.111	-500.00	SIG1, SIG2, SIG3= 16211.	6925.1	-500.00			
	S.I.= 16711. SIGE= 14502.								
BOT	SX, SY, SKY, SZ= 16552. 7589.3	77.254	-1000.0	SIG1, SIG2, SIG3= 16553.	7588.6	-1000.0			
	S.I.= 17553. SIGE= 15203.								
EL= 369 NODES= 3278 3279 3219 3218 MAT= 1 AREA= 10.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -2.048 18.52 -4.708		PRESS= 1000.0 0.							
MX, MY, MXY= -44.151 -147.95 -37.285									
TOP	SX, SY, SKY, SZ= 15877. 5808.4	-23.277	0.	SIG1, SIG2, SIG3= 15877.	5808.3	-3.5101E-07			
	S.I.= 15877. SIGE= 13914.								
MID	SX, SY, SKY, SZ= 16107. 6576.5	170.31	-500.00	SIG1, SIG2, SIG3= 16110.	6573.5	-500.00			
	S.I.= 16610. SIGE= 14437.								
BOT	SX, SY, SKY, SZ= 16336. 7344.7	363.89	-1000.0	SIG1, SIG2, SIG3= 16351.	7330.0	-1000.0			
	S.I.= 17351. SIGE= 15030.								
EL= 370 NODES= 3279 3280 3220 3219 MAT= 1 AREA= 11.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -6.484 15.29 -4.877		PRESS= 1000.0 0.							
MX, MY, MXY= 179.68 -71.934 -51.117									
TOP	SX, SY, SKY, SZ= 16573. 6099.6	-46.372	0.	SIG1, SIG2, SIG3= 16574.	6099.4	-4.1040E-07			
	S.I.= 16574. SIGE= 14519.								
MID	SX, SY, SKY, SZ= 15640. 6473.1	219.03	-500.00	SIG1, SIG2, SIG3= 15646.	6467.9	-500.00			
	S.I.= 16146. SIGE= 14028.								
BOT	SX, SY, SKY, SZ= 14708. 6846.6	484.42	-1000.0	SIG1, SIG2, SIG3= 14737.	6816.8	-1000.0			
	S.I.= 15737. SIGE= 13629.								
EL= 371 NODES= 3280 3281 3221 3220 MAT= 1 AREA= 12.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -10.58 12.75 -5.223		PRESS= 1000.0 0.							
MX, MY, MXY= 229.29 4.5751 -57.485									
TOP	SX, SY, SKY, SZ= 16146. 6952.0	-30.671	0.	SIG1, SIG2, SIG3= 16146.	6951.9	-3.5995E-07			
	S.I.= 16146. SIGE= 14028.								

EL= 372	NODES= 3281 3282 3222 3221	MAT= 1	AREA= 12.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.65	9.345 -5.689	PRESS= 1000.0	0.		
MX, MY, MXY= 1.3414	27.435 -64.759				
TOP SX, SY, SKY, SZ= 14250.	7686.1	49.943	0.	SIG1, SIG2, SIG3= 14251.	7685.7 -2.25719E-07
S.I.= 14251.	SIGE= 12354.				
MID SX, SY, SKY, SZ= 14243.	7543.7	386.17	-500.00	SIG1, SIG2, SIG3= 14266.	7521.5 -500.00
S.I.= 14266.	SIGE= 12803.				
BOT SX, SY, SKY, SZ= 14236.	7401.2	722.39	-1000.0	SIG1, SIG2, SIG3= 14312.	7325.7 -1000.0
S.I.= 15312.	SIGE= 13277.				
EL= 373	NODES= 3282 3283 3223 3222	MAT= 1	AREA= 12.1	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.50	5.627 -6.196	PRESS= 1000.0	0.		
MX, MY, MXY= -155.05	84.508 -62.909				
TOP SX, SY, SKY, SZ= 12757.	8169.0	191.98	0.	SIG1, SIG2, SIG3= 12765.	8161.0 -1.2948E-07
S.I.= 12765.	SIGE= 11197.				
MID SX, SY, SKY, SZ= 13563.	7730.2	518.61	-500.00	SIG1, SIG2, SIG3= 13608.	7684.5 -500.00
S.I.= 14108.	SIGE= 12270.				
BOT SX, SY, SKY, SZ= 14368.	7291.5	845.23	-1000.0	SIG1, SIG2, SIG3= 14467.	7191.9 -1000.0
S.I.= 15467.	SIGE= 13403.				
EL= 374	NODES= 3283 3284 3224 3223	MAT= 1	AREA= 11.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.30	1.951 -6.698	PRESS= 1000.0	0.		
MX, MY, MXY= -206.83	193.93 -55.758				
TOP SX, SY, SKY, SZ= 11870.	8529.1	294.28	0.	SIG1, SIG2, SIG3= 11896.	8503.3 -1.3200E-07
S.I.= 11896.	SIGE= 10614.				
MID SX, SY, SKY, SZ= 12944.	7522.2	583.77	-500.00	SIG1, SIG2, SIG3= 13006.	7460.0 -500.00
S.I.= 13506.	SIGE= 11759.				
BOT SX, SY, SKY, SZ= 14018.	6515.3	873.27	-1000.0	SIG1, SIG2, SIG3= 14118.	6415.0 -1000.0
S.I.= 15118.	SIGE= 13094.				
EL= 375	NODES= 3284 3285 3225 3224	MAT= 1	AREA= 11.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.20	-1.461 -7.164	PRESS= 1000.0	0.		
MX, MY, MXY= -150.66	345.88 -49.408				
TOP SX, SY, SKY, SZ= 11641.	9032.4	312.51	0.	SIG1, SIG2, SIG3= 11678.	8995.5 -1.0422E-07
S.I.= 11678.	SIGE= 10594.				
MID SX, SY, SKY, SZ= 12423.	7236.6	569.03	-500.00	SIG1, SIG2, SIG3= 12485.	7174.9 -500.00
S.I.= 12985.	SIGE= 11307.				
BOT SX, SY, SKY, SZ= 13205.	5440.8	825.56	-1000.0	SIG1, SIG2, SIG3= 13292.	5354.0 -1000.0
S.I.= 14292.	SIGE= 12403.				
EL= 376	NODES= 3285 3286 3226 3225	MAT= 1	AREA= 11.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60	-4.486 -7.577	PRESS= 1000.0	0.		
MX, MY, MXY= -31.431	502.31 -45.867				
TOP SX, SY, SKY, SZ= 11854.	9685.7	266.23	0.	SIG1, SIG2, SIG3= 11886.	9653.4 -1.86332E-08
S.I.= 11886.	SIGE= 10942.				
MID SX, SY, SKY, SZ= 12017.	7077.7	504.37	-500.00	SIG1, SIG2, SIG3= 12048.	7026.7 -500.00
S.I.= 12568.	SIGE= 10955.				
BOT SX, SY, SKY, SZ= 12180.	4469.7	742.51	-1000.0	SIG1, SIG2, SIG3= 12251.	4398.9 -1000.0
S.I.= 13251.	SIGE= 11541.				
EL= 377	NODES= 3286 3287 3227 3226	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.52	-7.076 -7.931	PRESS= 1000.0	0.		
MX, MY, MXY= 106.24	645.44 -44.420				
TOP SX, SY, SKY, SZ= 12271.	10438.	191.34	0.	SIG1, SIG2, SIG3= 12291.	10418. -1.72570E-05
S.I.= 12291.	SIGE= 11470.				
MID SX, SY, SKY, SZ= 11720.	7086.8	421.97	-500.00	SIG1, SIG2, SIG3= 11758.	7048.7 -500.00
S.I.= 12258.	SIGE= 10710.				
BOT SX, SY, SKY, SZ= 11168.	3735.7	652.60	-1000.0	SIG1, SIG2, SIG3= 11225.	3678.8 -1000.0
S.I.= 12225.	SIGE= 10684.				

EL= 378 NODES= 3287 3288 3228 3227										MAT= 1 AREA= 9.81		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -13.15 -9.232 -8.225										PRESS= 1000.0 0.					
MX,MY,MXY= 235.45 768.68 -12.534															
TOP SX,SY,SXY,SZ= 12734. 11210. 120.12 0.										SIG1,SIG2,SIG3= 12743. 11200. -.59263E-08					
S.I.= 12743. SIGE= 12046.															
MID SX,SY,SXY,SZ= 11511. 7218.9 340.79 -500.00										SIG1,SIG2,SIG3= 11538. 7192.0 -500.00					
S.I.= 12038. SIGE= 10559.															
BOT SX,SY,SXY,SZ= 10289. 3227.9 561.47 -1000.0										SIG1,SIG2,SIG3= 10333. 3183.5 -1000.0					
S.I.= 11333. SIGE= 9926.1															
EL= 379 NODES= 3181 3182 3122 3121										MAT= 1 AREA= 3.01		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -1.825 -16.18 -5.352										PRESS= 1000.0 0.					
MX,MY,MXY= 161.63 290.61 63.128															
TOP SX,SY,SXY,SZ= 15138. 8846.5 221.05 0.										SIG1,SIG2,SIG3= 15146. 8838.7 -.24685E-07					
S.I.= 15146. SIGE= 13177.															
MID SX,SY,SXY,SZ= 14299. 7337.6 -106.71 -500.00										SIG1,SIG2,SIG3= 14300. 7336.0 -500.00					
S.I.= 14800. SIGE= 12825.															
BOT SX,SY,SXY,SZ= 13460. 5828.8 -434.47 -1000.0										SIG1,SIG2,SIG3= 13484. 5804.2 -1000.0					
S.I.= 14484. SIGE= 12551.															
EL= 380 NODES= 3182 3183 3123 3122										MAT= 1 AREA= 3.04		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -8.762 -16.31 -5.363										PRESS= 1000.0 0.					
MX,MY,MXY= -506.20 72.061 52.673															
TOP SX,SY,SXY,SZ= 11821. 7710.5 282.62 0.										SIG1,SIG2,SIG3= 11841. 7691.1 -.16253E-07					
S.I.= 11841. SIGE= 10406.															
MID SX,SY,SXY,SZ= 14450. 7336.3 9.1427 -500.00										SIG1,SIG2,SIG3= 14450. 7336.3 -500.00					
S.I.= 14950. SIGE= 12952.															
BOT SX,SY,SXY,SZ= 17078. 6962.2 -264.33 -1000.0										SIG1,SIG2,SIG3= 17085. 6955.3 -1000.0					
S.I.= 18085. SIGE= 15700.															
EL= 381 NODES= 3234 3181 3121 3174										MAT= 1 AREA= 3.83		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -2.894 -15.96 -5.335										PRESS= 1000.0 0.					
MX,MY,MXY= 916.23 533.05 51.827															
TOP SX,SY,SXY,SZ= 19055. 10193. 293.78 0.										SIG1,SIG2,SIG3= 19064. 10183. -.34728E-07					
S.I.= 19064. SIGE= 16523.															
MID SX,SY,SXY,SZ= 14297. 7424.9 24.698 -500.00										SIG1,SIG2,SIG3= 14298. 7424.8 -500.00					
S.I.= 14798. SIGE= 12826.															
BOT SX,SY,SXY,SZ= 9540.4 4657.3 -244.39 -1000.0										SIG1,SIG2,SIG3= 9552.6 4645.1 -1000.0					
S.I.= 10553. SIGE= 9146.3															
EL= 382 NODES= 3183 3184 3124 3123										MAT= 1 AREA= 3.04		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= .8805E-01 -16.33 -5.365										PRESS= 1000.0 0.					
MX,MY,MXY= -367.03 113.32 39.583															
TOP SX,SY,SXY,SZ= 12560. 7634.0 270.00 0.										SIG1,SIG2,SIG3= 12575. 7619.2 -.19411E-07					
S.I.= 12575. SIGE= 10972.															
MID SX,SY,SXY,SZ= 14466. 7045.6 64.485 -500.00										SIG1,SIG2,SIG3= 14467. 7045.0 -500.00					
S.I.= 14967. SIGE= 12962.															
BOT SX,SY,SXY,SZ= 16372. 6457.2 -141.03 -1000.0										SIG1,SIG2,SIG3= 16374. 6455.2 -1000.0					
S.I.= 17374. SIGE= 15096.															
EL= 383 NODES= 3233 3234 31 3173										MAT= 1 AREA= 4.22		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -4.152 -15.69 -5.313										PRESS= 1000.0 0.					
MX,MY,MXY= 753.19 487.72 36.465															
TOP SX,SY,SXY,SZ= 18207. 10283. 257.34 0.										SIG1,SIG2,SIG3= 18216. 10275. -.31114E-07					
S.I.= 18216. SIGE= 15818.															
MID SX,SY,SXY,SZ= 14297. 7751.1 68.018 -500.00										SIG1,SIG2,SIG3= 14297. 7750.4 -500.00					
S.I.= 14797. SIGE= 12843.															
BOT SX,SY,SXY,SZ= 10386. 5218.8 -121.31 -1000.0										SIG1,SIG2,SIG3= 10389. 5216.0 -1000.0					
S.I.= 11389. SIGE= 9877.0															
EL= 384 NODES= 3184 3185 3125 3124										MAT= 1 AREA= 3.03		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 1.052 -16.30 -5.362										PRESS= 1000.0 0.					
MX,MY,MXY= -253.48 154.83 27.334															



EL= 383	NODES= 3232 3233 3173 3172	MAT= 1	AREA= 4.62	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-5.510 -15.27 -5.280	PRESS=	1000.0 0.		
MX, MY, MXY=	625.23 442.31 22.246				
TOP SX, SY, SKY, SZ=	17569. 10202. 158.98 0.	SIG1, SIG2, SIG3=	17572. 10198. -2.28836E-07		
S.I.=	17572. SIGE=				
MID SX, SY, SKY, SZ=	14322. 7905.3 43.484 -500.00	SIG1, SIG2, SIG3=	14323. 7905.0 -500.00		
S.I.=	14323. SIGE=				
BOT SX, SY, SKY, SZ=	11076. 5608.8 -72.016 -1000.0	SIG1, SIG2, SIG3=	11077. 5607.9 -1000.0		
S.I.=	12077. SIGE=				
EL= 385	NODES= 3185 3186 3126 3125	MAT= 1	AREA= 3.03	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.012 -14.21 -5.355	PRESS=	1000.0 0.		
MX, MY, MXY=	-160.25 192.97 17.820				
TOP SX, SY, SKY, SZ=	13611. 7712.1 116.59 0.	SIG1, SIG2, SIG3=	13613. 7709.8 -2.23113E-07		
S.I.=	13613. SIGE=				
MID SX, SY, SKY, SZ=	14443. 6710.2 24.071 -500.00	SIG1, SIG2, SIG3=	14443. 6710.1 -500.00		
S.I.=	14943. SIGE=				
BOT SX, SY, SKY, SZ=	15275. 5708.3 -68.452 -1000.0	SIG1, SIG2, SIG3=	15275. 5707.8 -1000.0		
S.I.=	16275. SIGE=				
EL= 387	NODES= 3231 3232 3172 3171	MAT= 1	AREA= 5.06	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.961 -14.67 -5.232	PRESS=	1000.0 0.		
MX, MY, MXY=	506.50 403.55 13.735				
TOP SX, SY, SKY, SZ=	16976. 10003. 104.53 0.	SIG1, SIG2, SIG3=	16977. 10002. -2.27260E-07		
S.I.=	16977. SIGE=				
MID SX, SY, SKY, SZ=	14346. 7908.1 33.214 -500.00	SIG1, SIG2, SIG3=	14346. 7907.9 -500.00		
S.I.=	14846. SIGE=				
BOT SX, SY, SKY, SZ=	11716. 5812.9 -38.097 -1000.0	SIG1, SIG2, SIG3=	11716. 5812.7 -1000.0		
S.I.=	12716. SIGE=				
EL= 388	NODES= 3186 3187 3127 3126	MAT= 1	AREA= 3.02	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.966 -16.07 -5.343	PRESS=	1000.0 0.		
MX, MY, MXY=	-80.853 226.11 10.567				
TOP SX, SY, SKY, SZ=	14016. 7809.5 63.458 0.	SIG1, SIG2, SIG3=	14017. 7808.8 -2.24350E-07		
S.I.=	14017. SIGE=				
MID SX, SY, SKY, SZ=	14436. 6635.5 8.5931 -500.00	SIG1, SIG2, SIG3=	14436. 6635.5 -500.00		
S.I.=	14936. SIGE=				
BOT SX, SY, SKY, SZ=	14856. 5461.6 -46.272 -1000.0	SIG1, SIG2, SIG3=	14856. 5461.4 -1000.0		
S.I.=	15856. SIGE=				
EL= 389	NODES= 3230 3231 3171 3170	MAT= 1	AREA= 5.52	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.487 -13.85 -5.167	PRESS=	1000.0 0.		
MX, MY, MXY=	376.00 376.02 8.8330				
TOP SX, SY, SKY, SZ=	16422. 9769.9 84.328 0.	SIG1, SIG2, SIG3=	16423. 9768.8 -2.26137E-07		
S.I.=	16423. SIGE=				
MID SX, SY, SKY, SZ=	14366. 7817.6 38.467 -500.00	SIG1, SIG2, SIG3=	14366. 7817.3 -500.00		
S.I.=	14866. SIGE=				
BOT SX, SY, SKY, SZ=	12310. 5865.3 -7.3934 -1000.0	SIG1, SIG2, SIG3=	12310. 5865.3 -1000.0		
S.I.=	13310. SIGE=				
EL= 390	NODES= 3187 3188 3128 3127	MAT= 1	AREA= 3.01	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	3.909 -15.87 -5.328	PRESS=	1000.0 0.		
MX, MY, MXY=	-13.099 254.10 4.2754				
TOP SX, SY, SKY, SZ=	14367. 7902.4 21.604 0.	SIG1, SIG2, SIG3=	14367. 7902.4 -2.25367E-07		
S.I.=	14367. SIGE=				
MID SX, SY, SKY, SZ=	14435. 6583.1 -5.9390 -500.00	SIG1, SIG2, SIG3=	14435. 6583.1 -500.00		
S.I.=	14935. SIGE=				



BOT SX,SY,SXY,SZ= 14503. 5263.9 -22.792 -1000.0		SIG1,SIG2,SIG3= 14503. 5263.8 -1000.0	
S.I.= 15503. SIGE= 13508.			
EL= 391 NODES= 3229 3230 3170 3169		MAT= 1 AREA= 5.99 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -10.06 -12.77 -5.081		PRESS= 1000.0 0.	
MX,MY,MXY= 294.56 358.79 6.3392			
TOP SX,SY,SXY,SZ= 15913. 9523.6 93.821 0.		SIG1,SIG2,SIG3= 15915. 9522.2 -.24989E-07	
S.I.= 15915. SIGE= 13871.			
MID SX,SY,SXY,SZ= 14384. 7660.7 60.908 -500.00		SIG1,SIG2,SIG3= 14385. 7660.2 -500.00	
S.I.= 14885. SIGE= 12910.			
BOT SX,SY,SXY,SZ= 12855. 5797.9 27.995 -1000.0		SIG1,SIG2,SIG3= 12855. 5797.8 -1000.0	
S.I.= 13855. SIGE= 11999.			
EL= 392 NODES= 3188 3189 3129 3128		MAT= 1 AREA= 2.00 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 4.840 -15.61 -5.307		PRESS= 1000.0 0.	
MX,MY,MXY= 42.073 277.44 -2.0249			
TOP SX,SY,SXY,SZ= 14656. 7982.0 -16.907 0.		SIG1,SIG2,SIG3= 14656. 7982.0 -.26191E-07	
S.I.= 14656. SIGE= 12710.			
MID SX,SY,SXY,SZ= 14438. 6541.6 -6.3940 -500.00		SIG1,SIG2,SIG3= 14438. 6541.6 -500.00	
S.I.= 14938. SIGE= 12944.			
BOT SX,SY,SXY,SZ= 14219. 5101.1 4.1195 -1000.0		SIG1,SIG2,SIG3= 14219. 5101.1 -1000.0	
S.I.= 15219. SIGE= 13267.			
EL= 393 NODES= 3228 3229 3169 3168		MAT= 1 AREA= 6.47 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -11.64 -11.38 -4.970		PRESS= 1000.0 0.	
MX,MY,MXY= 199.56 348.96 6.6444			
TOP SX,SY,SXY,SZ= 15447. 9279.9 138.10 0.		SIG1,SIG2,SIG3= 15447. 9276.8 -.24142E-07	
S.I.= 15447. SIGE= 13468.			
MID SX,SY,SXY,SZ= 14410. 7468.1 103.60 -500.00		SIG1,SIG2,SIG3= 14410. 7466.5 -500.00	
S.I.= 14910. SIGE= 12922.			
BOT SX,SY,SXY,SZ= 13373. 5655.3 69.101 -1000.0		SIG1,SIG2,SIG3= 13373. 5655.7 -1000.0	
S.I.= 14373. SIGE= 12458.			
EL= 394 NODES= 3227 3228 3168 3167		MAT= 1 AREA= 6.94 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= -13.15 -9.616 -4.829		PRESS= 1000.0 0.	
MX,MY,MXY= 105.57 342.63 10.185			
TOP SX,SY,SXY,SZ= 14996. 9056.0 220.31 0.		SIG1,SIG2,SIG3= 15004. 9047.8 -.23282E-07	
S.I.= 15004. SIGE= 13088.			
MID SX,SY,SXY,SZ= 14448. 7277.1 167.43 -500.00		SIG1,SIG2,SIG3= 14452. 7273.2 -500.00	
S.I.= 14952. SIGE= 12952.			
BOT SX,SY,SXY,SZ= 13902. 5498.2 114.54 -1000.0		SIG1,SIG2,SIG3= 13902. 5496.6 -1000.0	
S.I.= 14902. SIGE= 12940.			
EL= 395 NODES= 3189 3190 3130 3129		MAT= 1 AREA= 2.99 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 5.753 -15.31 -5.283		PRESS= 1000.0 0.	
MX,MY,MXY= 83.470 296.50 -8.5722			
TOP SX,SY,SXY,SZ= 14879. 8044.5 -54.320 0.		SIG1,SIG2,SIG3= 14879. 8044.0 -.26695E-07	
S.I.= 14879. SIGE= 12900.			
MID SX,SY,SXY,SZ= 14446. 6505.0 -9.8136 -500.00		SIG1,SIG2,SIG3= 14446. 6505.0 -500.00	
S.I.= 14946. SIGE= 12952.			
BOT SX,SY,SXY,SZ= 14012. 4965.6 34.693 -1000.0		SIG1,SIG2,SIG3= 14012. 4965.5 -1000.0	
S.I.= 15012. SIGE= 13092.			
EL= 396 NODES= 3190 3191 3131 3130		MAT= 1 AREA= 2.97 TTOP,TBOT= 0.0 0.0	
XC,YC,ZC= 6.648 -14.95 -5.254		PRESS= 1000.0 0.	
MX,MY,MXY= 110.50 311.43 -15.192			
TOP SX,SY,SXY,SZ= 15031. 8086.0 -90.639 0.		SIG1,SIG2,SIG3= 15032. 8084.8 -.27181E-07	
S.I.= 15032. SIGE= 13031.			
MID SX,SY,SXY,SZ= 14457. 6469.1 -11.762 -500.00		SIG1,SIG2,SIG3= 14457. 6469.1 -500.00	
S.I.= 14957. SIGE= 12963.			
BOT SX,SY,SXY,SZ= 13884. 4852.2 67.116 -1000.0		SIG1,SIG2,SIG3= 13884. 4851.7 -1000.0	
S.I.= 14884. SIGE= 12988.			
EL= 397 NODES= 3191 3192 3132 3131		MAT= 1 AREA= 2.95 TTOP,TBOT= 0.0 0.0	

EL= 398 NODES= 3192 3193 3133 3132 MAT= 1 AREA= 2.93 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 7.520 -14.54 -5.221		PRESS= 1000.0 0.							
MX, MY, MXY= 122.93 322.25 -21.638									
TOP	SX, SY, SXY, SZ= 15111. 8104.6 -125.85 0.	SIG1, SIG2, SIG3= 15113. 8102.3 -0.27432E-07							
S.I.= 15113. SIGE= 13100.									
MID	SX, SY, SXY, SZ= 14472. 6431.4 -13.505 -500.00	SIG1, SIG2, SIG3= 14472. 6431.4 -500.00							
S.I.= 14972. SIGE= 12978.									
BOT	SX, SY, SXY, SZ= 13834. 4758.3 98.841 -1000.0	SIG1, SIG2, SIG3= 13835. 4757.2 -1000.0							
S.I.= 14835. SIGE= 12954.									
EL= 399 NODES= 3193 3194 3134 3133 MAT= 1 AREA= 2.91 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 8.366 -14.07 -5.185		PRESS= 1000.0 0.							
MX, MY, MXY= 120.74 329.06 -27.686									
TOP	SX, SY, SXY, SZ= 15121. 8100.1 -160.07 0.	SIG1, SIG2, SIG3= 15121. 8096.5 -0.27391E-07							
S.I.= 15121. SIGE= 13106.									
MID	SX, SY, SXY, SZ= 14490. 6391.6 -16.332 -500.00	SIG1, SIG2, SIG3= 14490. 6391.6 -500.00							
S.I.= 14990. SIGE= 12996.									
BOT	SX, SY, SXY, SZ= 13863. 4683.1 127.41 -1000.0	SIG1, SIG2, SIG3= 13865. 4681.4 -1000.0							
S.I.= 14865. SIGE= 12992.									
EL= 400 NODES= 3194 3195 3135 3134 MAT= 1 AREA= 2.89 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 9.971 -13.01 -5.100		PRESS= 1000.0 0.							
MX, MY, MXY= 109.06 331.97 -33.116									
TOP	SX, SY, SXY, SZ= 15051. 8074.4 -193.35 0.	SIG1, SIG2, SIG3= 15057. 8069.0 -0.27378E-07							
S.I.= 15057. SIGE= 13051.									
MID	SX, SY, SXY, SZ= 14511. 6350.8 -21.412 -500.00	SIG1, SIG2, SIG3= 14511. 6350.8 -500.00							
S.I.= 15011. SIGE= 13016.									
BOT	SX, SY, SXY, SZ= 13971. 4627.2 150.53 -1000.0	SIG1, SIG2, SIG3= 13973. 4624.8 -1000.0							
S.I.= 14973. SIGE= 13100.									
EL= 401 NODES= 3195 3196 3136 3135 MAT= 1 AREA= 2.86 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 10.72 -12.41 -5.052		PRESS= 1000.0 0.							
MX, MY, MXY= 28.711 326.59 -41.275									
TOP	SX, SY, SXY, SZ= 14709. 7972.2 -256.44 0.	SIG1, SIG2, SIG3= 14719. 7962.5 -0.26390E-07							
S.I.= 14719. SIGE= 12761.									
MID	SX, SY, SXY, SZ= 14560. 6276.6 -42.143 -500.00	SIG1, SIG2, SIG3= 14560. 6276.4 -500.00							
S.I.= 15060. SIGE= 13064.									
BOT	SX, SY, SXY, SZ= 14411. 4581.0 172.16 -1000.0	SIG1, SIG2, SIG3= 14414. 4577.9 -1000.0							
S.I.= 15414. SIGE= 13518.									
EL= 402 NODES= 3196 3197 3137 3136 MAT= 1 AREA= 2.83 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 11.44 -11.77 -5.001		PRESS= 1000.0 0.							
MX, MY, MXY= -28.632 318.58 -43.644									
TOP	SX, SY, SXY, SZ= 14440. 7904.8 -285.67 0.	SIG1, SIG2, SIG3= 14453. 7892.3 -0.25703E-07							
S.I.= 14453. SIGE= 12534.									
MID	SX, SY, SXY, SZ= 14589. 6250.7 -59.065 -500.00	SIG1, SIG2, SIG3= 14590. 6250.3 -500.00							
S.I.= 15090. SIGE= 13092.									
BOT	SX, SY, SXY, SZ= 14738. 4596.6 167.54 -1000.0	SIG1, SIG2, SIG3= 14741. 4593.8 -1000.0							
S.I.= 15741. SIGE= 13820.									
EL= 403 NODES= 3197 3198 3138 3137 MAT= 1 AREA= 2.80 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 12.12 -11.08 -4.946		PRESS= 1000.0 0.							
MX, MY, MXY= -97.750 307.19 -44.763									
TOP	SX, SY, SXY, SZ= 14114. 7833.2 -313.15 0.	SIG1, SIG2, SIG3= 14129. 7817.6 -0.24770E-07							
S.I.= 14129. SIGE= 12260.									

MID SX,SY,SKY,SZ=	14621.	6238.3	-80.735	-500.00	SIG1,SIG2,SIG3=	14622.	6237.5	-500.00
S.I.=	15122.	SIGE=	15122.					
BOT SX,SY,SKY,SZ=	15129.	4643.4	151.68	-1000.0	SIG1,SIG2,SIG3=	15131.	4641.2	-1000.0
S.I.=	16131.	SIGE=	14179.					
EL= 404	NODES= 3198 3199 3139 3138	MAT= 1	AREA= 2.77	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	12.26	-10.36	-4.889	PRESS=	1000.0 0.			
MX,MY,MXY=	-177.28	292.42	-44.760					
TOP SX,SY,SKY,SZ=	15737.	7762.7	-339.58	0.	SIG1,SIG2,SIG3=	13756.	7743.5	-.23523E-07
S.I.=	13756.	SIGE=	11945.					
MID SX,SY,SKY,SZ=	14657.	6244.5	-107.19	-500.00	SIG1,SIG2,SIG3=	14659.	6243.1	-500.00
S.I.=	15159.	SIGE=	13154.					
BOT SX,SY,SKY,SZ=	15578.	4724.3	125.20	-1000.0	SIG1,SIG2,SIG3=	15579.	4724.8	-1000.0
S.I.=	16579.	SIGE=	14585.					
EL= 405	NODES= 3199 3200 3140 3139	MAT= 1	AREA= 2.73	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	13.35	-9.602	-4.828	PRESS=	1000.0 0.			
MX,MY,MXY=	-265.74	274.08	-44.109					
TOP SX,SY,SKY,SZ=	13318.	7698.1	-367.63	0.	SIG1,SIG2,SIG3=	13342.	7674.1	-.22143E-07
S.I.=	13342.	SIGE=	11598.					
MID SX,SY,SKY,SZ=	14697.	6275.1	-138.61	-500.00	SIG1,SIG2,SIG3=	14700.	6272.8	-500.00
S.I.=	15200.	SIGE=	13189.					
BOT SX,SY,SKY,SZ=	16077.	4852.0	90.403	-1000.0	SIG1,SIG2,SIG3=	16078.	4851.3	-1000.0
S.I.=	17078.	SIGE=	15032.					
EL= 406	NODES= 3200 3201 3141 3140	MAT= 1	AREA= 2.70	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	13.90	-8.811	-4.765	PRESS=	1000.0 0.			
MX,MY,MXY=	-361.91	251.49	-44.011					
TOP SX,SY,SKY,SZ=	12863.	7643.4	-404.32	0.	SIG1,SIG2,SIG3=	12894.	7612.3	-.20610E-07
S.I.=	12894.	SIGE=	11227.					
MID SX,SY,SKY,SZ=	14742.	6337.7	-175.82	-500.00	SIG1,SIG2,SIG3=	14746.	6334.0	-500.00
S.I.=	15246.	SIGE=	13227.					
BOT SX,SY,SKY,SZ=	16621.	5031.9	52.688	-1000.0	SIG1,SIG2,SIG3=	16621.	5031.7	-1000.0
S.I.=	17621.	SIGE=	15511.					
EL= 407	NODES= 3201 3202 3142 3141	MAT= 1	AREA= 2.66	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	14.40	-7.990	-4.700	PRESS=	1000.0 0.			
MX,MY,MXY=	-466.45	223.72	-46.957					
TOP SX,SY,SKY,SZ=	12368.	7607.3	-464.11	0.	SIG1,SIG2,SIG3=	12412.	7562.5	-.19025E-07
S.I.=	12412.	SIGE=	10835.					
MID SX,SY,SKY,SZ=	14789.	6445.7	-220.31	-500.00	SIG1,SIG2,SIG3=	14795.	6439.9	-500.00
S.I.=	15295.	SIGE=	13265.					
BOT SX,SY,SKY,SZ=	17211.	5284.2	23.490	-1000.0	SIG1,SIG2,SIG3=	17211.	5284.2	-1000.0
S.I.=	18211.	SIGE=	16022.					
EL= 408	NODES= 3202 3203 3143 3142	MAT= 1	AREA= 2.62	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	14.85	-7.141	-4.632	PRESS=	1000.0 0.			
MX,MY,MXY=	-584.95	191.93	-56.070					
TOP SX,SY,SKY,SZ=	11797.	7613.3	-561.23	0.	SIG1,SIG2,SIG3=	11871.	7539.3	-.17016E-07
S.I.=	11871.	SIGE=	10405.					
MID SX,SY,SKY,SZ=	14834.	6616.8	-270.12	-500.00	SIG1,SIG2,SIG3=	14843.	6608.0	-500.00
S.I.=	15343.	SIGE=	13300.					
BOT SX,SY,SKY,SZ=	17871.	5620.3	21.001	-1000.0	SIG1,SIG2,SIG3=	17871.	5620.3	-1000.0
S.I.=	18871.	SIGE=	16584.					
EL= 409	NODES= 3203 3204 3144 3143	MAT= 1	AREA= 2.58	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63	
XC,YC,ZC=	15.25	-6.267	-4.563	PRESS=	1000.0 0.			
MX,MY,MXY=	-720.74	165.44	-68.273					
TOP SX,SY,SKY,SZ=	11127.	7774.0	-646.23	0.	SIG1,SIG2,SIG3=	11247.	7653.8	-.14073E-07
S.I.=	11247.	SIGE=	9949.8					
MID SX,SY,SKY,SZ=	14869.	6915.0	-291.76	-500.00	SIG1,SIG2,SIG3=	14880.	6904.3	-500.00
S.I.=	15380.	SIGE=	13322.					
BOT SX,SY,SKY,SZ=	18611.	6056.1	62.710	-1000.0	SIG1,SIG2,SIG3=	18612.	6055.7	-1000.0
S.I.=	19612.	SIGE=	17205.					



EL= 410	NODES= 3204 3205 3145 3144	MAT= 1	AREA= 2.52	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	15.55 -5.360 -4.490	PRESS=	1000.0 0.		
MX,MY,MXY=	2.7752 458.66 -87.317				
TOP SX,SY,SXY,SZ=	14743. 9214.8 -651.76 0.	SIG1,SIG2,SIG3=	14819. 9139.0 -2.2156E-07		
S.I.=	14819. SIGE= 12950.				
MID SX,SY,SXY,SZ=	14729. 6833.4 -198.41 -500.00	SIG1,SIG2,SIG3=	14734. 6828.5 -500.00		
S.I.=	15234. SIGE= 13196.				
BOT SX,SY,SXY,SZ=	14715. 4452.1 254.94 -1000.0	SIG1,SIG2,SIG3=	14721. 4445.8 -1000.0		
S.I.=	15721. SIGE= 13827.				
EL= 411	NODES= 3205 3206 3146 3145	MAT= 1	AREA= 3.17	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	15.82 -4.308 -4.406	PRESS=	1000.0 0.		
MX,MY,MXY=	773.03 682.57 -80.152				
TOP SX,SY,SXY,SZ=	18751. 10379. -774.34 0.	SIG1,SIG2,SIG3=	18822. 10308. -3.3242E-07		
S.I.=	18822. SIGE= 16325.				
MID SX,SY,SXY,SZ=	14738. 6835.5 -358.19 -500.00	SIG1,SIG2,SIG3=	14754. 6819.3 -500.00		
S.I.=	15254. SIGE= 13214.				
BOT SX,SY,SXY,SZ=	10724. 3291.6 57.957 -1000.0	SIG1,SIG2,SIG3=	10725. 3291.2 -1000.0		
S.I.=	11725. SIGE= 10275.				
EL= 412	NODES= 3206 3207 3147 3146	MAT= 1	AREA= 3.42	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	16.13 -3.060 -4.307	PRESS=	1000.0 0.		
MX,MY,MXY=	643.05 638.57 -59.115				
TOP SX,SY,SXY,SZ=	18139. 10500. -689.00 0.	SIG1,SIG2,SIG3=	18200. 10438. -3.3052E-07		
S.I.=	18200. SIGE= 15819.				
MID SX,SY,SXY,SZ=	14800. 7184.4 -382.08 -500.00	SIG1,SIG2,SIG3=	14819. 7165.3 -500.00		
S.I.=	15319. SIGE= 13267.				
BOT SX,SY,SXY,SZ=	11461. 3868.9 -75.149 -1000.0	SIG1,SIG2,SIG3=	11462. 3868.2 -1000.0		
S.I.=	12462. SIGE= 10878.				
EL= 413	NODES= 3207 3208 3148 3147	MAT= 1	AREA= 3.67	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	16.34 -1.659 -4.195	PRESS=	1000.0 0.		
MX,MY,MXY=	518.52 595.61 -40.510				
TOP SX,SY,SXY,SZ=	17586. 10474. -607.50 0.	SIG1,SIG2,SIG3=	17637. 10423. -2.28240E-07		
S.I.=	17637. SIGE= 15358.				
MID SX,SY,SXY,SZ=	14894. 7382.0 -397.17 -500.00	SIG1,SIG2,SIG3=	14914. 7361.1 -500.00		
S.I.=	15414. SIGE= 13550.				
BOT SX,SY,SXY,SZ=	12201. 4289.6 -186.84 -1000.0	SIG1,SIG2,SIG3=	12206. 4285.2 -1000.0		
S.I.=	13206. SIGE= 11512.				
EL= 414	NODES= 3208 3209 3149 3148	MAT= 1	AREA= 3.94	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	16.44 -0.9816E-01 -4.071	PRESS=	1000.0 0.		
MX,MY,MXY=	397.68 562.24 -19.821				
TOP SX,SY,SXY,SZ=	17068. 10450. -540.91 0.	SIG1,SIG2,SIG3=	17111. 10406. -2.26195E-07		
S.I.=	17111. SIGE= 14934.				
MID SX,SY,SXY,SZ=	15003. 7530.5 -438.00 -500.00	SIG1,SIG2,SIG3=	15028. 7504.9 -500.00		
S.I.=	15528. SIGE= 13450.				
BOT SX,SY,SXY,SZ=	12938. 4611.3 -335.09 -1000.0	SIG1,SIG2,SIG3=	12952. 4597.9 -1000.0		
S.I.=	13952. SIGE= 12161.				
EL= 415	NODES= 3209 3210 3150 3149	MAT= 1	AREA= 4.20	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	16.37 1.627 -3.934	PRESS=	1000.0 0.		
MX,MY,MXY=	288.90 534.44 4.8621				
TOP SX,SY,SXY,SZ=	16625. 10440. -466.29 0.	SIG1,SIG2,SIG3=	16660. 10405. -2.24511E-07		
S.I.=	16660. SIGE= 14576.				
MID SX,SY,SXY,SZ=	15125. 7664.7 -491.53 -500.00	SIG1,SIG2,SIG3=	15157. 7632.5 -500.00		
S.I.=	15657. SIGE= 13563.				
BOT SX,SY,SXY,SZ=	13625. 4889.9 -516.78 -1000.0	SIG1,SIG2,SIG3=	13655. 4859.5 -1000.0		
S.I.=	14655. SIGE= 12777.				
EL= 416	NODES= 3210 3211 3151 3150	MAT= 1	AREA= 4.46	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	16.09 3.511 -3.784	PRESS=	1000.0 0.		
MX,MY,MXY=	201.66 507.50 31.850				



TOP	SX,SY,SKY,SZ=	16309.	10430.	-377.31	0.	SIG1,SIG2,SIG3=	16333.	10406.	-.23234E-07
	S.I.=	16333.	14321.						
MID	SX,SY,SKY,SZ=	15262.	7795.6	-542.67	-500.00	SIG1,SIG2,SIG3=	15301.	7756.3	-500.00
	S.I.=	15801.	13689.						
BOT	SX,SY,SKY,SZ=	14215.	5160.6	-708.04	-1000.0	SIG1,SIG2,SIG3=	14270.	5105.6	-1000.0
	S.I.=	15270.	13312.						
EL= 417 NODES= 3211 3212 3152 3151 MAT= 1 AREA= 4.71 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.52 5.535 -3.622 PRESS= 1000.0 0.									
MX,MY,MXY= 144.39 483.3 57.203									
TOP	SX,SY,SKY,SZ=	16168.	10419.	-276.48	0.	SIG1,SIG2,SIG3=	16181.	10406.	-.22632E-07
	S.I.=	15181.	14203.						
MID	SX,SY,SKY,SZ=	15418.	7910.7	-573.47	-500.00	SIG1,SIG2,SIG3=	15462.	7867.2	-500.00
	S.I.=	15462.	13829.						
BOT	SX,SY,SKY,SZ=	14669.	5402.3	-870.47	-1000.0	SIG1,SIG2,SIG3=	14750.	5321.2	-1000.0
	S.I.=	15750.	13728.						
EL= 418 NODES= 3212 3213 3153 3152 MAT= 1 AREA= 4.96 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.60 7.665 -3.453 PRESS= 1000.0 0.									
MX,MY,MXY= 119.46 462.64 76.522									
TOP	SX,SY,SKY,SZ=	16221.	10379.	-167.38	0.	SIG1,SIG2,SIG3=	16225.	10374.	-.22936E-07
	S.I.=	16225.	14232.						
MID	SX,SY,SKY,SZ=	15600.	7976.6	-564.68	-500.00	SIG1,SIG2,SIG3=	15642.	7935.0	-500.00
	S.I.=	16142.	13984.						
BOT	SX,SY,SKY,SZ=	14980.	5574.6	-961.98	-1000.0	SIG1,SIG2,SIG3=	15077.	5477.2	-1000.0
	S.I.=	16077.	14011.						
EL= 419 NODES= 3213 3214 3154 3153 MAT= 1 AREA= 5.20 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.24 9.837 -5.280 PRESS= 1000.0 0.									
MX,MY,MXY= 118.85 441.57 85.234									
TOP	SX,SY,SKY,SZ=	16425.	10241.	-59.093	0.	SIG1,SIG2,SIG3=	16426.	10241.	-.24217E-07
	S.I.=	16426.	14369.						
MID	SX,SY,SKY,SZ=	15808.	7948.6	-501.63	-500.00	SIG1,SIG2,SIG3=	15840.	7916.7	-500.00
	S.I.=	16340.	14153.						
BOT	SX,SY,SKY,SZ=	15191.	5656.0	-944.16	-1000.0	SIG1,SIG2,SIG3=	15284.	5563.4	-1000.0
	S.I.=	16284.	14190.						
EL= 420 NODES= 3214 3215 3155 3154 MAT= 1 AREA= 5.44 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.36 11.95 -3.111 PRESS= 1000.0 0.									
MX,MY,MXY= 123.77 412.35 78.952									
TOP	SX,SY,SKY,SZ=	16679.	9937.5	28.494	0.	SIG1,SIG2,SIG3=	16679.	9937.4	-.26369E-07
	S.I.=	16679.	14533.						
MID	SX,SY,SKY,SZ=	16036.	7796.6	-381.42	-500.00	SIG1,SIG2,SIG3=	16054.	7779.0	-500.00
	S.I.=	16554.	14336.						
BOT	SX,SY,SKY,SZ=	15394.	5655.7	-791.34	-1000.0	SIG1,SIG2,SIG3=	15458.	5591.8	-1000.0
	S.I.=	16458.	14346.						
EL= 421 NODES= 3215 3216 3156 3155 MAT= 1 AREA= 5.71 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.905 13.88 -2.958 PRESS= 1000.0 0.									
MX,MY,MXY= 111.17 370.04 56.248									
TOP	SX,SY,SKY,SZ=	16843.	9454.5	73.775	0.	SIG1,SIG2,SIG3=	16844.	9453.8	-.28843E-07
	S.I.=	16844.	14624.						
MID	SX,SY,SKY,SZ=	16266.	7533.3	-218.26	-500.00	SIG1,SIG2,SIG3=	16272.	7527.8	-500.00
	S.I.=	16772.	14529.						
BOT	SX,SY,SKY,SZ=	15689.	5612.0	-510.30	-1000.0	SIG1,SIG2,SIG3=	15715.	5586.2	-1000.0
	S.I.=	16715.	14583.						
EL= 422 NODES= 3216 3217 3157 3156 MAT= 1 AREA= 6.04 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 5.824 15.41 -2.835 PRESS= 1000.0 0.									
MX,MY,MXY= 71.522 319.54 21.915									
TOP	SX,SY,SKY,SZ=	16829.	8874.7	72.628	0.	SIG1,SIG2,SIG3=	16830.	8874.0	-.31151E-07
	S.I.=	16830.	14583.						
MID	SX,SY,SKY,SZ=	16458.	7215.6	-41.155	-500.00	SIG1,SIG2,SIG3=	16458.	7215.5	-500.00
	S.I.=	16958.	14706.						

EL= 423	NODES= 3217 3218 3158 3157	MAT= 1	AREA= 6.50	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.137 16.32 -2.763	PRESS=	1000.0 0.		
MX, MY, MXY=	31.829 280.47 -12.882				
TOP SX, SY, SKY, SZ=	16707. 8351.3	46.192	0.	SIG1, SIG2, SIG3= 16707. 8351.0	-.32734E-17
S.I.=	16707. SIGE= 14469.				
MID SX, SY, SKY, SZ=	16542. 6895.1	113.08	-500.00	SIG1, SIG2, SIG3= 16543. 6893.8	-500.00
S.I.=	17043. SIGE= 14803.				
BOT SX, SY, SKY, SZ=	16376. 5438.9	179.96	-1000.0	SIG1, SIG2, SIG3= 16379. 5435.9	-1000.0
S.I.=	17379. SIGE= 15219.				
EL= 424	NODES= 3218 3219 3159 3158	MAT= 1	AREA= 7.18	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.048 16.30 -2.764	PRESS=	1000.0 0.		
MX, MY, MXY=	71.279 285.40 -35.687				
TOP SX, SY, SKY, SZ=	16806. 8069.1	9.9912	0.	SIG1, SIG2, SIG3= 16806. 8069.1	-.34123E-07
S.I.=	16806. SIGE= 14559.				
MID SX, SY, SKY, SZ=	16436. 6587.3	195.28	-500.00	SIG1, SIG2, SIG3= 16440. 6583.5	-500.00
S.I.=	16940. SIGE= 14736.				
BOT SX, SY, SKY, SZ=	16066. 5105.6	380.57	-1000.0	SIG1, SIG2, SIG3= 16079. 5092.4	-1000.0
S.I.=	17079. SIGE= 14992.				
EL= 425	NODES= 3219 3220 3160 3159	MAT= 1	AREA= 8.20	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.484 15.06 -2.864	PRESS=	1000.0 0.		
MX, MY, MXY=	303.33 373.01 -40.754				
TOP SX, SY, SKY, SZ=	17699. 8435.3	-37.681	0.	SIG1, SIG2, SIG3= 17699. 8435.2	-.36219E-07
S.I.=	17699. SIGE= 15334.				
MID SX, SY, SKY, SZ=	16124. 6498.7	173.91	-500.00	SIG1, SIG2, SIG3= 16128. 6495.6	-500.00
S.I.=	16628. SIGE= 14460.				
BOT SX, SY, SKY, SZ=	14550. 4562.1	385.51	-1000.0	SIG1, SIG2, SIG3= 14564. 4547.2	-1000.0
S.I.=	15564. SIGE= 13663.				
EL= 426	NODES= 3220 3221 3161 3160	MAT= 1	AREA= 8.78	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.56 12.51 -3.067	PRESS=	1000.0 0.		
MX, MY, MXY=	347.57 429.21 -37.330				
TOP SX, SY, SKY, SZ=	17557. 9132.2	-41.331	0.	SIG1, SIG2, SIG3= 17557. 9132.0	-.32934E-07
S.I.=	17557. SIGE= 15209.				
MID SX, SY, SKY, SZ=	15752. 6903.7	152.49	-500.00	SIG1, SIG2, SIG3= 15755. 6901.1	-500.00
S.I.=	16255. SIGE= 14096.				
BOT SX, SY, SKY, SZ=	13948. 4675.3	346.30	-1000.0	SIG1, SIG2, SIG3= 13960. 4662.4	-1000.0
S.I.=	14960. SIGE= 13083.				
EL= 427	NODES= 3221 3222 3162 3161	MAT= 1	AREA= 8.67	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65 9.080 -3.340	PRESS=	1000.0 0.		
MX, MY, MXY=	108.07 396.87 -32.710				
TOP SX, SY, SKY, SZ=	16003. 9506.8	84.055	0.	SIG1, SIG2, SIG3= 16004. 9505.7	-.25414E-07
S.I.=	16004. SIGE= 13941.				
MID SX, SY, SKY, SZ=	15442. 7446.2	253.88	-500.00	SIG1, SIG2, SIG3= 15450. 7438.2	-500.00
S.I.=	15950. SIGE= 13813.				
BOT SX, SY, SKY, SZ=	14881. 5385.7	423.71	-1000.0	SIG1, SIG2, SIG3= 14900. 5366.8	-1000.0
S.I.=	15900. SIGE= 13860.				
EL= 428	NODES= 3222 3223 3163 3162	MAT= 1	AREA= 8.56	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50 5.338 -3.638	PRESS=	1000.0 0.		
MX, MY, MXY=	-70.293 358.68 -18.091				
TOP SX, SY, SKY, SZ=	14816. 9478.5	298.04	0.	SIG1, SIG2, SIG3= 14833. 9461.9	-.21002E-07
S.I.=	14833. SIGE= 13007.				
MID SX, SY, SKY, SZ=	15181. 7616.2	391.97	-500.00	SIG1, SIG2, SIG3= 15201. 7595.9	-500.00
S.I.=	15701. SIGE= 13600.				
BOT SX, SY, SKY, SZ=	15546. 5754.0	485.90	-1000.0	SIG1, SIG2, SIG3= 15570. 5729.9	-1000.0
S.I.=	16570. SIGE= 14434.				
EL= 429	NODES= 3223 3224 3164 3163	MAT= 1	AREA= 8.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 430	NODES= 3224 3225 3165 3164	MAT= 1	AREA= 8.12	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.37	1.638 -3.933	PRESS= 1000.0	0.		
MX, MY, MXY= -165.09	329.69 2.9756				
TOP SX, SY, SXY, SZ= 14109.	9162.5 467.89	0.		SIG1, SIG2, SIG3= 14153.	9118.7 -1.9750E-07
S.I.= 14153.	SIGE= 12426.				
MID SX, SY, SXY, SZ= 14956.	7450.8 452.44	-500.00		SIG1, SIG2, SIG3= 14983.	7423.6 -500.00
S.I.= 15483.	SIGE= 13410.				
BOT SX, SY, SXY, SZ= 15803.	5739.0 436.99	-1000.0		SIG1, SIG2, SIG3= 15822.	5720.1 -1000.0
S.I.= 16822.	SIGE= 14666.				
EL= 431	NODES= 3225 3226 3166 3165	MAT= 1	AREA= 7.78	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.26	-1.795 -4.206	PRESS= 1000.0	0.		
MX, MY, MXY= -158.09	319.96 17.374				
TOP SX, SY, SXY, SZ= 13946.	8882.7 512.75	0.		SIG1, SIG2, SIG3= 13998.	8831.3 -2.20215E-07
S.I.= 13998.	SIGE= 12260.				
MID SX, SY, SXY, SZ= 14767.	7221.5 422.34	-500.00		SIG1, SIG2, SIG3= 14791.	7197.9 -500.00
S.I.= 15291.	SIGE= 13242.				
BOT SX, SY, SXY, SZ= 15588.	5567.3 332.33	-1000.0		SIG1, SIG2, SIG3= 15599.	5549.3 -1000.0
S.I.= 16599.	SIGE= 14481.				
EL= 431	NODES= 3225 3226 3166 3165	MAT= 1	AREA= 7.78	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60	-4.839 -4.449	PRESS= 1000.0	0.		
MX, MY, MXY= -87.188	325.70 20.254				
TOP SX, SY, SXY, SZ= 14167.	8795.9 447.66	0.		SIG1, SIG2, SIG3= 14204.	8758.8 -2.21341E-07
S.I.= 14204.	SIGE= 12412.				
MID SX, SY, SXY, SZ= 14620.	7109.9 342.50	-500.00		SIG1, SIG2, SIG3= 14635.	7089.3 -500.00
S.I.= 15135.	SIGE= 13108.				
BOT SX, SY, SXY, SZ= 15073.	5413.4 237.34	-1000.0		SIG1, SIG2, SIG3= 15078.	5408.0 -1000.0
S.I.= 16078.	SIGE= 14020.				
EL= 432	NODES= 3226 3227 3167 3166	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.52	-7.446 -4.657	PRESS= 1000.0	0.		
MX, MY, MXY= 8.4117	335.42 15.907				
TOP SX, SY, SXY, SZ= 14559.	8878.3 332.74	0.		SIG1, SIG2, SIG3= 14579.	8858.9 -2.2397E-07
S.I.= 14579.	SIGE= 12723.				
MID SX, SY, SXY, SZ= 14515.	7136.8 250.15	-500.00		SIG1, SIG2, SIG3= 14524.	7128.4 -500.00
S.I.= 15024.	SIGE= 13012.				
BOT SX, SY, SXY, SZ= 14472.	5395.4 167.56	-1000.0		SIG1, SIG2, SIG3= 14475.	5392.3 -1000.0
S.I.= 15475.	SIGE= 13469.				
EL= 433	NODES= 3121 3122 3062 3061	MAT= 1	AREA= 2.13	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -1.825	-16.35 -2.679	PRESS= 1000.0	0.		
MX, MY, MXY= 71.837	-93.191 38.160				
TOP SX, SY, SXY, SZ= 14477.	6830.1 194.57	0.		SIG1, SIG2, SIG3= 14482.	6825.2 -2.29908E-07
S.I.= 14482.	SIGE= 12549.				
MID SX, SY, SXY, SZ= 14104.	7314.0 -3.5597	-500.00		SIG1, SIG2, SIG3= 14104.	7314.0 -500.00
S.I.= 14604.	SIGE= 12658.				
BOT SX, SY, SXY, SZ= 13731.	7797.8 -201.68	-1000.0		SIG1, SIG2, SIG3= 13738.	7791.0 -1000.0
S.I.= 14738.	SIGE= 12842.				
EL= 434	NODES= 3122 3123 3063 3062	MAT= 1	AREA= 2.15	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.762	-16.48 -2.684	PRESS= 1000.0	0.		
MX, MY, MXY= -637.73	-309.27 46.848				
TOP SX, SY, SXY, SZ= 10856.	5486.1 205.54	0.		SIG1, SIG2, SIG3= 10864.	5478.3 -2.21020E-07
S.I.= 10864.	SIGE= 9408.5				
MID SX, SY, SXY, SZ= 14167.	7091.9 -37.690	-500.00		SIG1, SIG2, SIG3= 14167.	7091.7 -500.00
S.I.= 14867.	SIGE= 12705.				
BOT SX, SY, SXY, SZ= 17478.	8697.6 -280.92	-1000.0		SIG1, SIG2, SIG3= 17487.	8688.6 -1000.0
S.I.= 18487.	SIGE= 16017.				
EL= 435	NODES= 3174 3121 3061 3114	MAT= 1	AREA= 2.71	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -2.894	-16.13 -2.670	PRESS= 1000.0	0.		
MX, MY, MXY= 803.74	132.41 44.105				
TOP SX, SY, SXY, SZ= 18375.	8284.8 177.19	0.		SIG1, SIG2, SIG3= 18378.	8281.7 -3.9430E-07
S.I.= 18378.	SIGE= 15942.				



MID	SX,SY,SXZ	14202.	7597.3	-51.802	-500.00	SIG1,SIG2,SIG3=	14202.	7596.9	-500.00		
	S.I.=	14702.	SIGE=	12755.							
BOT	SX,SY,SXZ	10029.	6909.8	-280.79	-1000.0	SIG1,SIG2,SIG3=	10054.	6884.8	-1000.0		
	S.I.=	11054.	SIGE=	9859.2							
EL=	436	NODES=	3123 3124 3064 3063	MAT=	1	AREA=	2.15	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-8805E-01	-16.50	-2.685	PRESS=	1000.0	0.				
	MX,MY,MXY=	-525.82	-275.15	48.813							
TOP	SX,SY,SXZ	11449.	5544.2	250.92	0.	SIG1,SIG2,SIG3=	11459.	5533.5	-.23164E-07		
	S.I.=	11459.	SIGE=	9925.9							
MID	SX,SY,SXZ	14179.	6972.8	-2.5210	-500.00	SIG1,SIG2,SIG3=	14179.	6972.8	-500.00		
	S.I.=	14679.	SIGE=	12713.							
BOT	SX,SY,SXZ	16909.	8401.4	-255.96	-1000.0	SIG1,SIG2,SIG3=	16916.	8393.7	-1000.0		
	S.I.=	17916.	SIGE=	15522.							
EL=	437	NODES=	3173 3174 3114 3113	MAT=	1	AREA=	2.98	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-4.152	-15.85	-2.659	PRESS=	1000.0	0.				
	MX,MY,MXY=	678.01	91.851	38.011							
TOP	SX,SY,SXZ	17723.	8212.7	170.45	0.	SIG1,SIG2,SIG3=	17726.	8209.7	-.37212E-07		
	S.I.=	17726.	SIGE=	15365.							
MID	SX,SY,SXZ	14202.	7735.8	-26.899	-500.00	SIG1,SIG2,SIG3=	14203.	7735.7	-500.00		
	S.I.=	14703.	SIGE=	12763.							
BOT	SX,SY,SXZ	10682.	7258.9	-224.25	-1000.0	SIG1,SIG2,SIG3=	10697.	7244.3	-1000.0		
	S.I.=	11697.	SIGE=	10409.							
EL=	438	NODES=	3124 3125 3065 3064	MAT=	1	AREA=	2.15	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	1.052	-16.47	-2.683	PRESS=	1000.0	0.				
	MX,MY,MXY=	-415.08	-241.02	42.276							
TOP	SX,SY,SXZ	12046.	5584.6	247.11	0.	SIG1,SIG2,SIG3=	12055.	5575.1	-.25442E-07		
	S.I.=	12055.	SIGE=	10450.							
MID	SX,SY,SXZ	14201.	6836.0	27.616	-500.00	SIG1,SIG2,SIG3=	14201.	6835.9	-500.00		
	S.I.=	14701.	SIGE=	12731.							
BOT	SX,SY,SXZ	16356.	8087.3	-191.88	-1000.0	SIG1,SIG2,SIG3=	16360.	8082.9	-1000.0		
	S.I.=	17360.	SIGE=	15040.							
EL=	439	NODES=	3172 3173 3113 3112	MAT=	1	AREA=	3.27	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-5.510	-15.43	-2.642	PRESS=	1000.0	0.				
	MX,MY,MXY=	540.62	57.448	24.241							
TOP	SX,SY,SXZ	17020.	8149.1	95.811	0.	SIG1,SIG2,SIG3=	17021.	8148.1	-.34709E-07		
	S.I.=	17021.	SIGE=	14745.							
MID	SX,SY,SXZ	14213.	7850.9	-30.050	-500.00	SIG1,SIG2,SIG3=	14214.	7850.7	-500.00		
	S.I.=	14714.	SIGE=	12781.							
BOT	SX,SY,SXZ	11407.	7552.6	-155.91	-1000.0	SIG1,SIG2,SIG3=	11413.	7546.3	-1000.0		
	S.I.=	12413.	SIGE=	11002.							
EL=	440	NODES=	3125 3126 3066 3065	MAT=	1	AREA=	2.14	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	2.012	-16.38	-2.680	PRESS=	1000.0	0.				
	MX,MY,MXY=	-315.10	-208.06	33.161							
TOP	SX,SY,SXZ	12580.	5639.8	209.84	0.	SIG1,SIG2,SIG3=	12586.	5633.4	-.27218E-07		
	S.I.=	12586.	SIGE=	10920.							
MID	SX,SY,SXZ	14216.	6720.0	37.674	-500.00	SIG1,SIG2,SIG3=	14216.	6719.9	-500.00		
	S.I.=	14716.	SIGE=	12745.							
BOT	SX,SY,SXZ	15852.	7800.3	-134.50	-1000.0	SIG1,SIG2,SIG3=	15854.	7798.1	-1000.0		
	S.I.=	16854.	SIGE=	14601.							
EL=	441	NODES=	3171 3172 3112 3111	MAT=	1	AREA=	3.58	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-6.961	-14.84	-2.618	PRESS=	1000.0	0.				
	MX,MY,MXY=	411.85	25.742	9.0254							
TOP	SX,SY,SXZ	16386.	8007.2	-10.238	0.	SIG1,SIG2,SIG3=	16386.	8007.2	-.32745E-07		
	S.I.=	16386.	SIGE=	14192.							
MID	SX,SY,SXZ	14247.	7873.6	-57.098	-500.00	SIG1,SIG2,SIG3=	14248.	7873.1	-500.00		
	S.I.=	14748.	SIGE=	12811.							
BOT	SX,SY,SXZ	12109.	7739.9	-103.96	-1000.0	SIG1,SIG2,SIG3=	12112.	7737.5	-1000.0		
	S.I.=	13112.	SIGE=	11563.							



EL= 442	NODES= 3126 3127 3067 3066	MAT= 1	AREA= 2.14	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.966	-16.24 -2.674	PRESS= 1000.0	0.		
MX,MY,MXY= -230.06	-177.33 24.244				
TOP SX,SY,SXY,SZ=	13037. 5713.7	164.17	0.	SIG1,SIG2,SIG3= 13040.	5710.0 -2.28623E-07
S.I.= 13040.	SIGE= 11322.				
MID SX,SY,SXY,SZ=	14231. 6634.4	38.294	-500.00	SIG1,SIG2,SIG3= 14231.	6634.2 -500.00
S.I.= 14731.	SIGE= 12760.				
BOT SX,SY,SXY,SZ=	15426. 7555.0	-87.579	-1000.0	SIG1,SIG2,SIG3= 15427.	7554.1 -1000.0
S.I.= 15427.	SIGE= 14230.				
EL= 443	NODES= 3170 3171 3111 3110	MAT= 1	AREA= 3.90	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -8.487	-14.02 -2.586	PRESS= 1000.0	0.		
MX,MY,MXY= 233.78	.59769 -2.9604				
TOP SX,SY,SXY,SZ=	15818. 7808.8	-92.609	0.	SIG1,SIG2,SIG3= 15819.	7807.7 -.31301E-07
S.I.= 15819.	SIGE= 13700.				
MID SX,SY,SXY,SZ=	14292. 7805.7	-77.239	-500.00	SIG1,SIG2,SIG3= 17293.	7804.8 -500.00
S.I.= 14793.	SIGE= 12843.				
BOT SX,SY,SXY,SZ=	12767. 7802.6	-61.868	-1000.0	SIG1,SIG2,SIG3= 12768.	7801.8 -1000.0
S.I.= 13768.	SIGE= 12077.				
EL= 444	NODES= 3127 3128 3068 3067	MAT= 1	AREA= 2.13	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -3.909	-16.04 -2.666	PRESS= 1000.0	0.		
MX,MY,MXY= -160.00	-149.58 16.171				
TOP SX,SY,SXY,SZ=	13419. 5794.8	123.80	0.	SIG1,SIG2,SIG3= 13421.	5792.8 -.29821E-07
S.I.= 13421.	SIGE= 11659.				
MID SX,SY,SXY,SZ=	14250. 6571.4	39.837	-500.00	SIG1,SIG2,SIG3= 14250.	6571.2 -500.00
S.I.= 14750.	SIGE= 12778.				
BOT SX,SY,SXY,SZ=	15081. 7348.0	-44.121	-1000.0	SIG1,SIG2,SIG3= 15081.	7347.8 -1000.0
S.I.= 16081.	SIGE= 13930.				
EL= 445	NODES= 3169 3170 3110 3109	MAT= 1	AREA= 4.23	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.06	-12.93 -2.543	PRESS= 1000.0	0.		
MX,MY,MXY= 185.85	-14.347 -9.6871				
TOP SX,SY,SXY,SZ=	15317. 7598.7	-129.60	0.	SIG1,SIG2,SIG3= 15319.	7596.5 -.30148E-07
S.I.= 15319.	SIGE= 13267.				
MID SX,SY,SXY,SZ=	14352. 7673.2	-79.309	-500.00	SIG1,SIG2,SIG3= 14353.	7672.3 -500.00
S.I.= 14853.	SIGE= 12885.				
BOT SX,SY,SXY,SZ=	13387. 7747.7	-29.014	-1000.0	SIG1,SIG2,SIG3= 13388.	7747.5 -1000.0
S.I.= 14388.	SIGE= 12557.				
EL= 446	NODES= 3128 3129 3069 3068	MAT= 1	AREA= 2.12	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 4.840	-15.78 -2.656	PRESS= 1000.0	0.		
MX,MY,MXY= -104.02	-125.54 8.9062				
TOP SX,SY,SXY,SZ=	13734. 5870.0	91.125	0.	SIG1,SIG2,SIG3= 13735.	5868.9 -.30837E-07
S.I.= 13735.	SIGE= 11937.				
MID SX,SY,SXY,SZ=	14274. 6521.8	44.884	-500.00	SIG1,SIG2,SIG3= 14274.	6521.5 -500.00
S.I.= 14774.	SIGE= 12800.				
BOT SX,SY,SXY,SZ=	14814. 7173.6	-1.3571	-1000.0	SIG1,SIG2,SIG3= 14814.	7173.6 -1000.0
S.I.= 15814.	SIGE= 13698.				
EL= 447	NODES= 3168 3169 3109 3108	MAT= 1	AREA= 4.57	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -11.64	-11.53 -2.487	PRESS= 1000.0	0.		
MX,MY,MXY= 85.980	-18.450 -10.092				
TOP SX,SY,SXY,SZ=	14879. 7405.1	-111.45	0.	SIG1,SIG2,SIG3= 14881.	7403.4 -.29233E-07
S.I.= 14881.	SIGE= 12887.				
MID SX,SY,SXY,SZ=	14433. 7500.9	-59.051	-500.00	SIG1,SIG2,SIG3= 14433.	7500.4 -500.00
S.I.= 14933.	SIGE= 12944.				
BOT SX,SY,SXY,SZ=	13987. 7596.7	-6.6510	-1000.0	SIG1,SIG2,SIG3= 13987.	7596.7 -1000.0
S.I.= 14987.	SIGE= 13026.				
EL= 448	NODES= 3129 3130 3070 3069	MAT= 1	AREA= 2.11	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 5.753	-15.47 -2.644	PRESS= 1000.0	0.		
MX,MY,MXY= -61.777	-105.46 2.1840				

TOP	SX,SY,SXY,SZ=	13982.	5931.5	64.610	0.	SIG1,SIG2,SIG3=	13983.	5931.0	-.31494E-07
	S.I.=	13983.	SIGE=	12156.					
MID	SX,SY,SXY,SZ=	14303.	6479.1	53.271	-500.00	SIG1,SIG2,SIG3=	14303.	6478.7	-500.00
	S.I.=	14303.	SIGE=	12827.					
BOT	SX,SY,SXY,SZ=	14624.	7026.7	41.932	-1000.0	SIG1,SIG2,SIG3=	14624.	7026.4	-1000.0
	S.I.=	14624.	SIGE=	13532.					
EL= 449 NODES= 3167 3168 3108 3107 MAT= 1 AREA= 4.90 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.15 -9.768 -2.417 PRESS= 1000.0 0.									
MX,MY,MXY= -8.8781 -12.838 -3.9950									
TOP	SX,SY,SXY,SZ=	14495.	7256.5	-36.223	0.	SIG1,SIG2,SIG3=	14495.	7256.4	-.28323E-07
	S.I.=	14495.	SIGE=	12553.					
MID	SX,SY,SXY,SZ=	14541.	7323.2	-15.481	-500.00	SIG1,SIG2,SIG3=	14541.	7323.2	-500.00
	S.I.=	14541.	SIGE=	13030.					
BOT	SX,SY,SXY,SZ=	14587.	7389.8	5.2609	-1000.0	SIG1,SIG2,SIG3=	14587.	7389.8	-1000.0
	S.I.=	14587.	SIGE=	13512.					
EL= 450 NODES= 3166 3167 3107 3106 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -14.52 -7.593 -2.330 PRESS= 1000.0 0.									
MX,MY,MXY= -99.681 2.2956 6.7285									
TOP	SX,SY,SXY,SZ=	14165.	7197.9	83.665	0.	SIG1,SIG2,SIG3=	14166.	7196.9	-.27277E-07
	S.I.=	14166.	SIGE=	12269.					
MID	SX,SY,SXY,SZ=	14683.	7186.0	48.731	-500.00	SIG1,SIG2,SIG3=	14683.	7185.7	-500.00
	S.I.=	15183.	SIGE=	13149.					
BOT	SX,SY,SXY,SZ=	15201.	7174.1	13.796	-1000.0	SIG1,SIG2,SIG3=	15201.	7174.0	-1000.0
	S.I.=	16201.	SIGE=	14030.					
EL= 451 NODES= 3130 3131 3071 3070 MAT= 1 AREA= 2.10 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 6.648 -15.11 -2.629 PRESS= 1000.0 0.									
MX,MY,MXY= -33.357 -89.216 -4.2003									
TOP	SX,SY,SXY,SZ=	14163.	5977.0	42.348	0.	SIG1,SIG2,SIG3=	14163.	5976.8	-.32002E-07
	S.I.=	14163.	SIGE=	12316.					
MID	SX,SY,SXY,SZ=	14336.	6440.2	64.156	-500.00	SIG1,SIG2,SIG3=	14337.	6439.7	-500.00
	S.I.=	14837.	SIGE=	12858.					
BOT	SX,SY,SXY,SZ=	14510.	6903.4	85.964	-1000.0	SIG1,SIG2,SIG3=	14511.	6902.5	-1000.0
	S.I.=	15511.	SIGE=	13433.					
EL= 452 NODES= 3131 3132 3072 3071 MAT= 1 AREA= 2.09 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 7.520 -14.70 -2.613 PRESS= 1000.0 0.									
MX,MY,MXY= -18.888 -76.601 -10.291									
TOP	SX,SY,SXY,SZ=	14276.	6005.8	22.877	0.	SIG1,SIG2,SIG3=	14276.	6005.7	-.32359E-07
	S.I.=	14276.	SIGE=	12415.					
MID	SX,SY,SXY,SZ=	14374.	6403.5	76.307	-500.00	SIG1,SIG2,SIG3=	14375.	6402.7	-500.00
	S.I.=	14875.	SIGE=	12893.					
BOT	SX,SY,SXY,SZ=	14472.	6801.2	129.74	-1000.0	SIG1,SIG2,SIG3=	14474.	6799.0	-1000.0
	S.I.=	15474.	SIGE=	13401.					
EL= 453 NODES= 3132 3133 3073 3072 MAT= 1 AREA= 2.07 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.366 -14.24 -2.595 PRESS= 1000.0 0.									
MX,MY,MXY= -18.376 -67.492 -16.042									
TOP	SX,SY,SXY,SZ=	14320.	6018.0	4.8902	0.	SIG1,SIG2,SIG3=	14320.	6018.0	-.32459E-07
	S.I.=	14320.	SIGE=	12454.					
MID	SX,SY,SXY,SZ=	14416.	6368.4	88.178	-500.00	SIG1,SIG2,SIG3=	14417.	6367.4	-500.00
	S.I.=	14917.	SIGE=	12932.					
BOT	SX,SY,SXY,SZ=	14511.	6718.8	171.47	-1000.0	SIG1,SIG2,SIG3=	14515.	6715.0	-1000.0
	S.I.=	15515.	SIGE=	13436.					
EL= 454 NODES= 3133 3134 3074 3073 MAT= 1 AREA= 2.06 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.184 -13.73 -2.574 PRESS= 1000.0 0.									
MX,MY,MXY= -31.703 -61.793 -21.390									
TOP	SX,SY,SXY,SZ=	14296.	6015.0	-12.913	0.	SIG1,SIG2,SIG3=	14296.	6014.9	-.32379E-07
	S.I.=	14296.	SIGE=	12453.					
MID	SX,SY,SXY,SZ=	14461.	6335.8	98.141	-500.00	SIG1,SIG2,SIG3=	14462.	6334.6	-500.00
	S.I.=	14962.	SIGE=	12974.					

BOT SX,SY,SXY,SZ= 14626.		6656.6	209.20	-1000.0	SIG1,SIG2,SIG3= 14631.	6651.1	-1000.0	
S.I.= 15631.		SIGE= 13538.						
EL= 455 NODES= 3134 3135 3075 3074		MAT= 1	AREA= 2.04	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 9.971		-13.17	-2.552	PRESS= 1000.0 0.				
MX,MY,MXY= -58.619		-59.409	-26.284					
TOP SX,SY,SXY,SZ= 14205.		5998.9	-31.782	0.	SIG1,SIG2,SIG3= 14205.	5998.8	-.32123E-07	
S.I.= 14205.		SIGE= 12352.						
MID SX,SY,SXY,SZ= 14510.		6307.3	104.68	-500.00	SIG1,SIG2,SIG3= 14511.	6306.0	-500.00	
S.I.= 15011.		SIGE= 13019.						
BOT SX,SY,SXY,SZ= 14814.		6615.8	241.15	-1000.0	SIG1,SIG2,SIG3= 14821.	6608.7	-1000.0	
S.I.= 15821.		SIGE= 13705.						
EL= 456 NODES= 3135 3136 3076 3075		MAT= 1	AREA= 2.02	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 10.72		-12.57	-2.528	PRESS= 1000.0 0.				
MX,MY,MXY= -98.739		-60.254	-30.697					
TOP SX,SY,SXY,SZ= 14049.		5972.7	-52.861	0.	SIG1,SIG2,SIG3= 14049.	5972.4	-.31595E-07	
S.I.= 14049.		SIGE= 12213.						
MID SX,SY,SXY,SZ= 14562.		6285.5	106.52	-500.00	SIG1,SIG2,SIG3= 14563.	6284.2	-500.00	
S.I.= 15063.		SIGE= 13066.						
BOT SX,SY,SXY,SZ= 15074.		6598.4	265.90	-1000.0	SIG1,SIG2,SIG3= 15083.	6590.1	-1000.0	
S.I.= 16083.		SIGE= 13935.						
EL= 457 NODES= 3136 3137 3077 3076		MAT= 1	AREA= 2.00	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 11.44		-11.92	-2.503	PRESS= 1000.0 0.				
MX,MY,MXY= -151.54		-64.241	-34.647					
TOP SX,SY,SXY,SZ= 13830.		5940.0	-77.217	0.	SIG1,SIG2,SIG3= 13831.	5939.3	-.30882E-07	
S.I.= 13831.		SIGE= 12018.						
MID SX,SY,SXY,SZ= 14617.		6273.6	102.67	-500.00	SIG1,SIG2,SIG3= 14618.	6272.3	-500.00	
S.I.= 15118.		SIGE= 13117.						
BOT SX,SY,SXY,SZ= 15404.		6607.1	282.56	-1000.0	SIG1,SIG2,SIG3= 15413.	6598.1	-1000.0	
S.I.= 16413.		SIGE= 14227.						
EL= 458 NODES= 3137 3138 3078 3077		MAT= 1	AREA= 1.98	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 12.12		-11.24	-2.475	PRESS= 1000.0 0.				
MX,MY,MXY= -216.40		-71.259	-38.244					
TOP SX,SY,SXY,SZ= 13553.		5905.1	-105.96	0.	SIG1,SIG2,SIG3= 13554.	5903.7	-.29900E-07	
S.I.= 13554.		SIGE= 11771.						
MID SX,SY,SXY,SZ= 14676.		6275.1	92.597	-500.00	SIG1,SIG2,SIG3= 14677.	6274.1	-500.00	
S.I.= 15177.		SIGE= 13169.						
BOT SX,SY,SXY,SZ= 15800.		6645.1	291.16	-1000.0	SIG1,SIG2,SIG3= 15809.	6635.8	-1000.0	
S.I.= 16809.		SIGE= 14577.						
EL= 459 NODES= 3138 3139 3079 3078		MAT= 1	AREA= 1.96	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 12.76		-10.51	-2.447	PRESS= 1000.0 0.				
MX,MY,MXY= -292.69		-81.131	-41.764					
TOP SX,SY,SXY,SZ= 13219.		5873.2	-140.55	0.	SIG1,SIG2,SIG3= 13222.	5870.5	-.28788E-07	
S.I.= 13222.		SIGE= 11474.						
MID SX,SY,SXY,SZ= 14739.		6294.4	76.283	-500.00	SIG1,SIG2,SIG3= 14739.	6293.7	-500.00	
S.I.= 15239.		SIGE= 13223.						
BOT SX,SY,SXY,SZ= 16258.		6715.6	293.12	-1000.0	SIG1,SIG2,SIG3= 16267.	6706.6	-1000.0	
S.I.= 17267.		SIGE= 14983.						
EL= 460 NODES= 3139 3140 3080 3079		MAT= 1	AREA= 1.93	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63
XC,YC,ZC= 13.35		-9.754	-2.416	PRESS= 1000.0 0.				
MX,MY,MXY= -379.98		-93.450	-45.750					
TOP SX,SY,SXY,SZ= 12832.		5851.6	-182.95	0.	SIG1,SIG2,SIG3= 12836.	5846.8	-.27375E-07	
S.I.= 12836.		SIGE= 11131.						
MID SX,SY,SXY,SZ= 14804.		6336.8	54.583	-500.00	SIG1,SIG2,SIG3= 14805.	6336.4	-500.00	
S.I.= 15305.		SIGE= 13279.						
BOT SX,SY,SXY,SZ= 16777.		6822.0	292.12	-1000.0	SIG1,SIG2,SIG3= 15786.	6813.4	-1000.0	
S.I.= 17786.		SIGE= 15441.						
EL= 461 NODES= 3140 3141 3081 3080		MAT= 1	AREA= 1.91	TTOP,TBOT= 0.0 0.0				QUAD SHELL 63



XC, YC, ZC=	13.90	-8.961	-2.385	PRESS=	1000.0	0.					
MX, MY, MXY=	-478.26	-106.96	-50.865								
TOP SX, SY, SKY, SZ=	12389.	5853.3	-234.34	0.	SIG1, SIG2, SIG3=	12397.	5844.9	-.25616E-07			
S.I.=	12397.	SIGE=	10742.								
MID SX, SY, SKY, SZ=	14872.	6408.7	29.752	-500.00	SIG1, SIG2, SIG3=	14872.	6408.6	-500.00			
S.I.=	15372.	SIGE=	13335.								
BOT SX, SY, SKY, SZ=	12355.	6964.0	293.84	-1000.0	SIG1, SIG2, SIG3=	12363.	6955.7	-1000.0			
S.I.=	18363.	SIGE=	15950.								
EL=	462	NODES=	3141 3142 3082 3081	MAT=	1	AREA=	1.88	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	14.40	-8.138	-2.352	PRESS=	1000.0	0.					
MX, MY, MXY=	-587.66	-118.55	-56.765								
TOP SX, SY, SKY, SZ=	11886.	5902.4	-286.49	0.	SIG1, SIG2, SIG3=	11900.	5888.7	-.23500E-07			
S.I.=	11900.	SIGE=	10306.								
MID SX, SY, SKY, SZ=	14937.	6517.9	8.2398	-500.00	SIG1, SIG2, SIG3=	14937.	6517.9	-500.00			
S.I.=	15437.	SIGE=	13387.								
BOT SX, SY, SKY, SZ=	17988.	7133.5	302.97	-1000.0	SIG1, SIG2, SIG3=	17997.	7125.0	-1000.0			
S.I.=	18997.	SIGE=	16509.								
EL=	463	NODES=	3142 3143 3083 3082	MAT=	1	AREA=	1.85	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	14.85	-7.287	-2.318	PRESS=	1000.0	0.					
MX, MY, MXY=	-704.97	-124.13	-59.859								
TOP SX, SY, SKY, SZ=	11329.	6030.8	-311.40	0.	SIG1, SIG2, SIG3=	11347.	6012.6	-.20848E-07			
S.I.=	11347.	SIGE=	9852.5								
MID SX, SY, SKY, SZ=	14989.	6675.3	-60880	-500.00	SIG1, SIG2, SIG3=	14989.	6675.3	-500.00			
S.I.=	15489.	SIGE=	13426.								
BOT SX, SY, SKY, SZ=	18649.	7319.7	310.18	-1000.0	SIG1, SIG2, SIG3=	18657.	7311.3	-1000.0			
S.I.=	19657.	SIGE=	17091.								
EL=	464	NODES=	3143 3144 3084 3083	MAT=	1	AREA=	1.83	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	15.25	-6.411	-2.283	PRESS=	1000.0	0.					
MX, MY, MXY=	-819.56	-129.38	-57.019								
TOP SX, SY, SKY, SZ=	10760.	6132.0	-275.82	0.	SIG1, SIG2, SIG3=	10776.	6115.6	-.18234E-07			
S.I.=	10776.	SIGE=	9360.8								
MID SX, SY, SKY, SZ=	15015.	6803.8	20.216	-500.00	SIG1, SIG2, SIG3=	15015.	6803.7	-500.00			
S.I.=	15515.	SIGE=	13444.								
BOT SX, SY, SKY, SZ=	19270.	7475.5	316.26	-1000.0	SIG1, SIG2, SIG3=	19279.	7467.0	-1000.0			
S.I.=	20279.	SIGE=	17641.								
EL=	465	NODES=	3144 3145 3085 3084	MAT=	1	AREA=	1.78	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	15.55	-5.501	-2.247	PRESS=	1000.0	0.					
MX, MY, MXY=	-85.879	79.117	-51.065								
TOP SX, SY, SKY, SZ=	14511.	7284.7	-290.07	0.	SIG1, SIG2, SIG3=	14522.	7273.1	-.28405E-07			
S.I.=	14522.	SIGE=	12577.								
MID SX, SY, SKY, SZ=	14957.	6873.9	-24.944	-500.00	SIG1, SIG2, SIG3=	14957.	6873.9	-500.00			
S.I.=	15457.	SIGE=	13391.								
BOT SX, SY, SKY, SZ=	15403.	6465.2	240.19	-1000.0	SIG1, SIG2, SIG3=	15409.	6456.7	-1000.0			
S.I.=	16409.	SIGE=	14230.								
EL=	466	NODES=	3145 3146 3086 3085	MAT=	1	AREA=	2.24	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	15.82	-4.447	-2.205	PRESS=	1000.0	0.					
MX, MY, MXY=	720.87	371.56	-67.705								
TOP SX, SY, SKY, SZ=	18831.	8950.2	-389.85	0.	SIG1, SIG2, SIG3=	18846.	8934.8	-.38802E-07			
S.I.=	18846.	SIGE=	16328.								
MID SX, SY, SKY, SZ=	15088.	7021.0	-38.322	-500.00	SIG1, SIG2, SIG3=	15088.	7020.9	-500.00			
S.I.=	15588.	SIGE=	15502.								
BOT SX, SY, SKY, SZ=	11345.	5091.9	313.20	-1000.0	SIG1, SIG2, SIG3=	11361.	5076.3	-1000.0			
S.I.=	12361.	SIGE=	10705.								
EL=	467	NODES=	3146 3147 3087 3086	MAT=	1	AREA=	2.42	TTOP, TBOT=	0.0 0.0	QUAD SHELL	63
XC, YC, ZC=	16.13	-3.195	-2.156	PRESS=	1000.0	0.					
MX, MY, MXY=	604.25	553.44	-55.489								
TOP SX, SY, SKY, SZ=	18273.	9037.6	-419.16	0.	SIG1, SIG2, SIG3=	18292.	9018.6	-.36224E-07			
S.I.=	18292.	SIGE=	15842.								



EL= 468	NODES= 3147 3148 3088 3087	MAT= 1	AREA= 2.60	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.34	-1.791 -2.100	PRESS= 1000.0	0.		
MX, MY, MXY= 482.06	339.23 -35.193				
TOP SX, SY, SKY, SZ= 17729.	9169.0 -366.44 0.	SIG1, SIG2, SIG3= 17745.	9169.0	-33698E-07	
S.I.= 17745.	SIGE= 15370.				
MID SX, SY, SKY, SZ= 15227.	7407.7 -183.72 -500.00	SIG1, SIG2, SIG3= 15231.	7403.4	-500.00	
S.I.= 15731.	SIGE= 13623.				
BOT SX, SY, SKY, SZ= 12724.	5646.4 -99384 -1000.0	SIG1, SIG2, SIG3= 12724.	5646.4	-1000.0	
S.I.= 13724.	SIGE= 11887.				
EL= 469	NODES= 3148 3149 3089 3088	MAT= 1	AREA= 2.78	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-2.265 -2.037	PRESS= 1000.0	0.		
MX, MY, MXY= 364.00	325.93 -14.808				
TOP SX, SY, SKY, SZ= 17237.	9253.2 -305.50 0.	SIG1, SIG2, SIG3= 17249.	9241.5	-31294E-07	
S.I.= 17249.	SIGE= 14951.				
MID SX, SY, SKY, SZ= 15348.	7561.0 -228.61 -500.00	SIG1, SIG2, SIG3= 15354.	7554.3	-500.00	
S.I.= 15854.	SIGE= 13731.				
BOT SX, SY, SKY, SZ= 13458.	5868.8 -151.73 -1000.0	SIG1, SIG2, SIG3= 13461.	5865.7	-1000.0	
S.I.= 14461.	SIGE= 12529.				
EL= 470	NODES= 3149 3150 3090 3089	MAT= 1	AREA= 2.97	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.503 -1.969	PRESS= 1000.0	0.		
MX, MY, MXY= 257.98	319.58 6.0397				
TOP SX, SY, SKY, SZ= 16817.	9348.9 -245.62 0.	SIG1, SIG2, SIG3= 16825.	9340.9	-29336E-07	
S.I.= 16825.	SIGE= 14601.				
MID SX, SY, SKY, SZ= 15478.	7689.6 -276.98 -500.00	SIG1, SIG2, SIG3= 15488.	7679.8	-500.00	
S.I.= 15988.	SIGE= 13847.				
BOT SX, SY, SKY, SZ= 14138.	6030.4 -308.33 -1000.0	SIG1, SIG2, SIG3= 14150.	6018.7	-1000.0	
S.I.= 15150.	SIGE= 13132.				
EL= 471	NODES= 3150 3151 3091 3090	MAT= 1	AREA= 3.15	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.391 -1.894	PRESS= 1000.0	0.		
MX, MY, MXY= 172.57	322.25 27.687				
TOP SX, SY, SKY, SZ= 16510.	9475.5 -181.78 0.	SIG1, SIG2, SIG3= 16515.	9470.8	-27568E-07	
S.I.= 16515.	SIGE= 14353.				
MID SX, SY, SKY, SZ= 15614.	7802.4 -325.53 -500.00	SIG1, SIG2, SIG3= 15627.	7788.9	-500.00	
S.I.= 16127.	SIGE= 13969.				
BOT SX, SY, SKY, SZ= 14718.	6129.3 -469.28 -1000.0	SIG1, SIG2, SIG3= 14744.	6103.7	-1000.0	
S.I.= 15744.	SIGE= 13656.				
EL= 472	NODES= 3151 3152 3092 3091	MAT= 1	AREA= 3.33	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.421 -1.813	PRESS= 1000.0	0.		
MX, MY, MXY= 115.25	331.93 48.117				
TOP SX, SY, SKY, SZ= 16351.	9612.6 -109.51 0.	SIG1, SIG2, SIG3= 16353.	9610.8	-26431E-07	
S.I.= 16353.	SIGE= 14254.				
MID SX, SY, SKY, SZ= 15752.	7889.2 -359.33 -500.00	SIG1, SIG2, SIG3= 15769.	7872.8	500.00	
S.I.= 16269.	SIGE= 14091.				
BOT SX, SY, SKY, SZ= 15154.	6185.8 -609.15 -1000.0	SIG1, SIG2, SIG3= 15195.	6124.7	-1000.0	
S.I.= 16195.	SIGE= 14059.				
EL= 473	NODES= 3152 3153 3093 3092	MAT= 1	AREA= 3.51	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.556 -1.728	PRESS= 1000.0	0.		
MX, MY, MXY= 88.773	344.89 63.258				
TOP SX, SY, SKY, SZ= 16354.	9714.9 -30.628 0.	SIG1, SIG2, SIG3= 16354.	9714.8	-25971E-07	
S.I.= 16354.	SIGE= 14246.				
MID SX, SY, SKY, SZ= 15893.	7924.3 -359.06 -500.00	SIG1, SIG2, SIG3= 15909.	7908.1	-500.00	
S.I.= 16479.	SIGE= 14212.				
BOT SX, SY, SKY, SZ= 15432.	6133.6 -687.50 -1000.0	SIG1, SIG2, SIG3= 15483.	6083.1	-1000.0	
S.I.= 16483.	SIGE= 14321.				

EL= 474 NODES= 3153 3154 3094 3093 MAT= 1 AREA= 3.68 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 13.24 9.733 -1.641 PRESS= 1000.0 0.  
 MX,MY,MXY= 86.453 354.91 68.485  
 TOP SX,SY,SXY,SZ= 16484. 9716.1 46.512 0. SIG1,SIG2,SIG3= 16485. 9715.8 -.26529E-07  
 S.I.= 16485. SIGE= 14352.  
 MID SX,SY,SXY,SZ= 16035. 7873.5 -309.06 -500.00 SIG1,SIG2,SIG3= 16047. 7861.8 -500.00  
 S.I.= 16547. SIGE= 14330.  
 BOT SX,SY,SXY,SZ= 13586. 6030.8 -664.64 -1000.0 SIG1,SIG2,SIG3= 15632. 5984.8 -1000.0  
 S.I.= 16632. SIGE= 14466.

EL= 475 NODES= 3154 3155 3095 3094 MAT= 1 AREA= 3.85 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 11.36 11.86 -1.557 PRESS= 1000.0 0.  
 MX,MY,MXY= 91.047 353.63 60.397  
 TOP SX,SY,SXY,SZ= 16651. 9551.1 105.70 0. SIG1,SIG2,SIG3= 16653. 9549.5 -.27745E-07  
 S.I.= 16653. SIGE= 14474.  
 MID SX,SY,SXY,SZ= 16179. 7715.1 -207.89 -500.00 SIG1,SIG2,SIG3= 16184. 7710.0 -500.00  
 S.I.= 16684. SIGE= 14449.  
 BOT SX,SY,SXY,SZ= 15200. 5879.0 -521.47 -1000.0 SIG1,SIG2,SIG3= 15733. 5851.4 -1000.0  
 S.I.= 16733. SIGE= 14571.

EL= 476 NODES= 3155 3156 3096 3095 MAT= 1 AREA= 4.04 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 8.905 13.78 -1.480 PRESS= 1000.0 0.  
 MX,MY,MXY= 81.731 336.34 39.089  
 TOP SX,SY,SXY,SZ= 16741. 9209.4 129.89 0. SIG1,SIG2,SIG3= 16744. 9207.1 -.29501E-07  
 S.I.= 16744. SIGE= 14524.  
 MID SX,SY,SXY,SZ= 16317. 7463.1 -73.056 -500.00 SIG1,SIG2,SIG3= 16318. 7462.5 -500.00  
 S.I.= 16818. SIGE= 14571.  
 BOT SX,SY,SXY,SZ= 15893. 5716.8 -276.01 -1000.0 SIG1,SIG2,SIG3= 15900. 5709.3 -1000.0  
 S.I.= 16900. SIGE= 14739.

EL= 477 NODES= 3156 3157 3097 3096 MAT= 1 AREA= 4.27 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 5.824 15.32 -1.419 PRESS= 1000.0 0.  
 MX,MY,MXY= 50.730 309.61 10.110  
 TOP SX,SY,SXY,SZ= 16695. 8775.1 117.00 0. SIG1,SIG2,SIG3= 16697. 8773.4 -.31020E-07  
 S.I.= 16697. SIGE= 14466.  
 MID SX,SY,SXY,SZ= 16431. 7167.6 64.507 -500.00 SIG1,SIG2,SIG3= 16432. 7167.2 -500.00  
 S.I.= 16932. SIGE= 14885.  
 BOT SX,SY,SXY,SZ= 16168. 5560.1 12.016 -1000.0 SIG1,SIG2,SIG3= 16168. 5560.1 -1000.0  
 S.I.= 17168. SIGE= 15005.

EL= 478 NODES= 3157 3158 3098 3097 MAT= 1 AREA= 4.60 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 2.137 16.23 -1.383 PRESS= 1000.0 0.  
 MX,MY,MXY= 23.764 293.04 -16.488  
 TOP SX,SY,SXY,SZ= 16602. 8395.4 83.859 0. SIG1,SIG2,SIG3= 16603. 8394.5 -.32146E-07  
 S.I.= 16603. SIGE= 14379.  
 MID SX,SY,SXY,SZ= 16479. 6873.9 169.47 -500.00 SIG1,SIG2,SIG3= 16482. 6871.0 -500.00  
 S.I.= 16982. SIGE= 14749.  
 BOT SX,SY,SXY,SZ= 16356. 5352.5 255.07 -1000.0 SIG1,SIG2,SIG3= 16362. 5346.6 -1000.0  
 S.I.= 17362. SIGE= 15216.

EL= 479 NODES= 3158 3159 3099 3098 MAT= 1 AREA= 5.08 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -2.048 16.22 -1.383 PRESS= 1000.0 0.  
 MX,MY,MXY= 74.528 312.97 -31.241  
 TOP SX,SY,SXY,SZ= 16785. 8226.3 29.764 0. SIG1,SIG2,SIG3= 16785. 8226.2 -.33483E-07  
 S.I.= 16785. SIGE= 14557.  
 MID SX,SY,SXY,SZ= 16398. 6601.3 191.97 -500.00 SIG1,SIG2,SIG3= 16402. 6597.6 -500.00  
 S.I.= 16902. SIGE= 14700.  
 BOT SX,SY,SXY,SZ= 16011. 4976.4 354.17 -1000.0 SIG1,SIG2,SIG3= 16022. 4965.0 -1000.0  
 S.I.= 17022. SIGE= 14960.

EL= 480 NODES= 3159 3160 3100 3099 MAT= 1 AREA= 5.80 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -6.484 14.97 -1.433 PRESS= 1000.0 0.  
 MX,MY,MXY= 308.68 395.73 -32.047

TOP	SX,SY,SXY,SZ=	17769.	8589.9	-80.276	0.	SIG1,SIG2,SIG3=	17770.	8589.2	-.35888E-07
	S.I.=	17770.	SIGE=	15392.					
MID	SX,SY,SXY,SZ=	16166.	6535.3	86.114	-500.00	SIG1,SIG2,SIG3=	16167.	6534.5	-500.00
	S.I.=	16667.	SIGE=	14493.					
BOT	SX,SY,SXY,SZ=	14564.	4480.6	252.50	-1000.0	SIG1,SIG2,SIG3=	14570.	4474.3	-1000.0
	S.I.=	15570.	SIGE=	13681.					
EL= 481 NODES= 3160 3161 3101 3100 MAT= 1 AREA= 6.21 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -10.58 12.41 -1.535 PRESS= 1000.0 0.									
MX,MY,MXY= 343.88 419.01 -27.485									
TOP	SX,SY,SXY,SZ=	17686.	9081.3	-166.88	0.	SIG1,SIG2,SIG3=	17690.	9078.1	-.33742E-07
	S.I.=	17690.	SIGE=	15321.					
MID	SX,SY,SXY,SZ=	15901.	6905.8	-24.179	-500.00	SIG1,SIG2,SIG3=	15901.	6905.8	-500.00
	S.I.=	16401.	SIGE=	14226.					
BOT	SX,SY,SXY,SZ=	14116.	4730.3	118.52	-1000.0	SIG1,SIG2,SIG3=	14117.	4728.8	-1000.0
	S.I.=	15117.	SIGE=	13219.					
EL= 482 NODES= 3161 3162 3102 3101 MAT= 1 AREA= 6.13 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.65 8.974 -1.671 PRESS= 1000.0 0.									
MX,MY,MXY= 93.636 336.52 -21.773									
TOP	SX,SY,SXY,SZ=	16177.	9137.6	-84.089	0.	SIG1,SIG2,SIG3=	16178.	9136.6	-.27530E-07
	S.I.=	16178.	SIGE=	14050.					
MID	SX,SY,SXY,SZ=	15691.	7390.4	28.959	-500.00	SIG1,SIG2,SIG3=	15691.	7390.3	-500.00
	S.I.=	16191.	SIGE=	14023.					
BOT	SX,SY,SXY,SZ=	15205.	5643.2	142.01	-1000.0	SIG1,SIG2,SIG3=	15207.	5641.1	-1000.0
	S.I.=	16207.	SIGE=	14112.					
EL= 483 NODES= 3162 3163 3103 3102 MAT= 1 AREA= 6.05 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.50 5.224 -1.821 PRESS= 1000.0 0.									
MX,MY,MXY= -94.190 241.25 -7.8795									
TOP	SX,SY,SXY,SZ=	15007.	8801.3	112.46	0.	SIG1,SIG2,SIG3=	15009.	8799.3	-.24312E-07
	S.I.=	15009.	SIGE=	13063.					
MID	SX,SY,SXY,SZ=	15496.	7548.8	153.37	-500.00	SIG1,SIG2,SIG3=	15499.	7545.8	-500.00
	S.I.=	15999.	SIGE=	13856.					
BOT	SX,SY,SXY,SZ=	15985.	6296.2	194.28	-1000.0	SIG1,SIG2,SIG3=	15989.	6292.3	-1000.0
	S.I.=	16989.	SIGE=	14762.					
EL= 484 NODES= 3163 3164 3104 3103 MAT= 1 AREA= 5.93 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.30 1.514 -1.968 PRESS= 1000.0 0.									
MX,MY,MXY= -204.86 148.31 9.9037									
TOP	SX,SY,SXY,SZ=	14223.	8187.5	266.55	0.	SIG1,SIG2,SIG3=	14235.	8175.7	-.23700E-07
	S.I.=	14235.	SIGE=	12373.					
MID	SX,SY,SXY,SZ=	15287.	7417.4	215.13	-500.00	SIG1,SIG2,SIG3=	15293.	7411.6	-500.00
	S.I.=	15793.	SIGE=	13677.					
BOT	SX,SY,SXY,SZ=	16351.	6647.4	163.71	-1000.0	SIG1,SIG2,SIG3=	16353.	6644.6	-1000.0
	S.I.=	17353.	SIGE=	15064.					
EL= 485 NODES= 3164 3165 3105 3104 MAT= 1 AREA= 5.75 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.26 -1.927 -2.105 PRESS= 1000.0 0.									
MX,MY,MXY= -225.36 76.484 19.730									
TOP	SX,SY,SXY,SZ=	13898.	7627.8	295.51	0.	SIG1,SIG2,SIG3=	13912.	7613.9	-.24588E-07
	S.I.=	13912.	SIGE=	12066.					
MID	SX,SY,SXY,SZ=	15068.	7230.7	193.07	-500.00	SIG1,SIG2,SIG3=	15072.	7226.0	-500.00
	S.I.=	15572.	SIGE=	13486.					
BOT	SX,SY,SXY,SZ=	16238.	6833.6	90.634	-1000.0	SIG1,SIG2,SIG3=	16239.	6832.7	-1000.0
	S.I.=	17239.	SIGE=	14950.					
EL= 486 NODES= 3165 3166 3106 3105 MAT= 1 AREA= 5.51 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.60 -4.979 -2.226 PRESS= 1000.0 0.									
MX,MY,MXY= -179.08 29.890 17.063									
TOP	SX,SY,SXY,SZ=	13931.	7298.0	213.71	0.	SIG1,SIG2,SIG3=	13938.	7291.1	-.26033E-07
	S.I.=	13938.	SIGE=	12075.					
MID	SX,SY,SXY,SZ=	14860.	7142.8	125.12	-500.00	SIG1,SIG2,SIG3=	14863.	7140.8	-500.00
	S.I.=	15363.	SIGE=	13304.					



EL= 487	NODES= 3061 3062	2	1	MAT= 1	AREA= 1.50	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-1.825 -16.40 -0.7848			PRESS=	1000.0 0.		
MX, MY, MXY=	99.956 -78.431	22.432					
TOP SX, SY, SXY, SZ=	14408. 6884.9	49.487	0.	SIG1, SIG2, SIG3=	14408. 6884.6	-0.29433E-07	
S.I.=	14408. SIGE=	12482.					
MID SX, SY, SXY, SZ=	13889. 7292.1	-66.978	-500.00	SIG1, SIG2, SIG3=	13890. 7291.5	-500.00	
S.I.=	14390. SIGE=	12476.					
BOT SX, SY, SXY, SZ=	13370. 7699.3	-183.44	-1000.0	SIG1, SIG2, SIG3=	13376. 7693.4	-1000.0	
S.I.=	14376. SIGE=	12541.					
EL= 488	NODES= 3062 3063	3	2	MAT= 1	AREA= 1.52	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-0.8762 -16.53 -0.7863			PRESS=	1000.0 0.		
MX, MY, MXY=	-661.77 -314.46	73.607					
TOP SX, SY, SXY, SZ=	10669. 5418.5	350.24	0.	SIG1, SIG2, SIG3=	10669. 5395.2	-0.20612E-07	
S.I.=	10669. SIGE=	9239.9					
MID SX, SY, SXY, SZ=	14082. 7051.2	-31.924	-500.00	SIG1, SIG2, SIG3=	14082. 7051.0	-500.00	
S.I.=	14582. SIGE=	12631.					
BOT SX, SY, SXY, SZ=	17518. 8683.9	-414.09	-1000.0	SIG1, SIG2, SIG3=	17537. 8664.5	-1000.0	
S.I.=	18537. SIGE=	16058.					
EL= 489	NODES= 3114 3061	1	54	MAT= 1	AREA= 1.92	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.894 -16.19 -0.7823			PRESS=	1000.0 0.		
MX, MY, MXY=	832.10 125.09	55.513					
TOP SX, SY, SXY, SZ=	18173. 8232.1	240.11	0.	SIG1, SIG2, SIG3=	18179. 8226.3	-0.38867E-07	
S.I.=	18179. SIGE=	15767.					
MID SX, SY, SXY, SZ=	13853. 7582.7	-48.113	-500.00	SIG1, SIG2, SIG3=	13853. 7582.3	-500.00	
S.I.=	14353. SIGE=	12463.					
BOT SX, SY, SXY, SZ=	9532.6 6933.2	-336.34	-1000.0	SIG1, SIG2, SIG3=	9575.4 6890.4	-1000.0	
S.I.=	10575. SIGE=	9521.2					
EL= 490	NODES= 3063 3064	4	3	MAT= 1	AREA= 1.52	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-0.8805E-01 -16.56 -0.7866			PRESS=	1000.0 0.		
MX, MY, MXY=	-537.67 -260.27	49.676					
TOP SX, SY, SXY, SZ=	11253. 5537.2	256.24	0.	SIG1, SIG2, SIG3=	11264. 5525.7	-0.22488E-07	
S.I.=	11264. SIGE=	9755.8					
MID SX, SY, SXY, SZ=	14044. 6888.4	-1.6759	-500.00	SIG1, SIG2, SIG3=	14044. 6888.4	-500.00	
S.I.=	14544. SIGE=	12596.					
BOT SX, SY, SXY, SZ=	16836. 8239.7	-259.59	-1000.0	SIG1, SIG2, SIG3=	16844. 8231.9	-1000.0	
S.I.=	17844. SIGE=	15456.					
EL= 491	NODES= 3113 3114	54	53	MAT= 1	AREA= 2.11	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-4.152 -15.91 -0.7790			PRESS=	1000.0 0.		
MX, MY, MXY=	701.48 84.287	30.265					
TOP SX, SY, SXY, SZ=	17560. 8179.7	107.98	0.	SIG1, SIG2, SIG3=	17562. 8178.5	-0.36684E-07	
S.I.=	17562. SIGE=	15221.					
MID SX, SY, SXY, SZ=	13918. 7742.1	-49.153	-500.00	SIG1, SIG2, SIG3=	13919. 7741.7	-500.00	
S.I.=	14419. SIGE=	12530.					
BOT SX, SY, SXY, SZ=	10276. 7304.5	-206.29	-1000.0	SIG1, SIG2, SIG3=	10290. 7290.3	-1000.0	
S.I.=	11290. SIGE=	10129.					
EL= 492	NODES= 3064 3065	5	4	MAT= 1	AREA= 1.52	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	1.052 -16.52 -0.7862			PRESS=	1000.0 0.		
MX, MY, MXY=	-430.16 -226.85	42.081					
TOP SX, SY, SXY, SZ=	11776. 5608.5	241.03	0.	SIG1, SIG2, SIG3=	11785. 5599.1	-0.24139E-07	
S.I.=	11785. SIGE=	10210.					
MID SX, SY, SXY, SZ=	14009. 6786.3	22.541	-500.00	SIG1, SIG2, SIG3=	14009. 6786.3	-500.00	
S.I.=	14509. SIGE=	12565.					
BOT SX, SY, SXY, SZ=	16242. 7964.1	-195.95	-1000.0	SIG1, SIG2, SIG3=	16247. 7959.5	-1000.0	
S.I.=	17247. SIGE=	14940.					
EL= 493	NODES= 3112 3113	53	52	MAT= 1	AREA= 2.31	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63



EL= 494	NODES= 3065 3066	6	5	MAT= 1	AREA= 1.52	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -5.510	-15.49	-1.7741	PRESS= 1000.0	0.			
MX, MY, MXY= 564.61	42.326	12.481					
TOP SX, SY, SKY, SZ= 16911.	8032.3	-2.6553	0.	SIG1, SIG2, SIG3= 16911.	8032.3	-3.4667E-07	
S.I.= 16911.	SIGE= 14652.						
MID SX, SY, SKY, SZ= 13980.	7812.6	-67.456	-500.00	SIG1, SIG2, SIG3= 13981.	7811.8	-500.00	
S.I.= 14481.	SIGE= 12586.						
BOT SX, SY, SKY, SZ= 11048.	7592.8	-132.26	-1000.0	SIG1, SIG2, SIG3= 11053.	7587.8	-1000.0	
S.I.= 12053.	SIGE= 10748.						
EL= 495	NODES= 3111 3112	52	51	MAT= 1	AREA= 2.53	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.012	-16.43	-1.7852	PRESS= 1000.0	0.			
MX, MY, MXY= -333.61	-199.08	36.260					
TOP SX, SY, SKY, SZ= 12274.	5663.5	222.80	0.	SIG1, SIG2, SIG3= 12281.	5656.0	-2.5923E-07	
S.I.= 12281.	SIGE= 10647.						
MID SX, SY, SKY, SZ= 14006.	6697.1	34.543	-500.00	SIG1, SIG2, SIG3= 14006.	6696.9	-500.00	
S.I.= 14506.	SIGE= 12563.						
BOT SX, SY, SKY, SZ= 15738.	7730.7	-153.72	-1000.0	SIG1, SIG2, SIG3= 15741.	7727.8	-1000.0	
S.I.= 16741.	SIGE= 14502.						
EL= 496	NODES= 3066 3067	7	6	MAT= 1	AREA= 1.51	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.966	-16.29	-1.7835	PRESS= 1000.0	0.			
MX, MY, MXY= -249.56	-173.96	29.817					
TOP SX, SY, SKY, SZ= 12718.	5713.4	197.13	0.	SIG1, SIG2, SIG3= 12723.	5707.8	-2.7403E-07	
S.I.= 12723.	SIGE= 11038.						
MID SX, SY, SKY, SZ= 14013.	6616.5	42.324	-500.00	SIG1, SIG2, SIG3= 14014.	6616.3	-500.00	
S.I.= 14514.	SIGE= 12570.						
BOT SX, SY, SKY, SZ= 15309.	7519.7	-112.48	-1000.0	SIG1, SIG2, SIG3= 15311.	7518.1	-1000.0	
S.I.= 16311.	SIGE= 14130.						
EL= 497	NODES= 3110 3111	51	50	MAT= 1	AREA= 2.76	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.487	-14.07	-1.7576	PRESS= 1000.0	0.			
MX, MY, MXY= 298.59	-29.017	-18.375					
TOP SX, SY, SKY, SZ= 15627.	7632.1	-230.90	0.	SIG1, SIG2, SIG3= 15634.	7625.5	-3.1285E-07	
S.I.= 15634.	SIGE= 13541.						
MID SX, SY, SKY, SZ= 14077.	7782.8	-135.50	-500.00	SIG1, SIG2, SIG3= 14080.	7779.9	-500.00	
S.I.= 14580.	SIGE= 12665.						
BOT SX, SY, SKY, SZ= 12527.	7933.4	-40.097	-1000.0	SIG1, SIG2, SIG3= 12527.	7933.1	-1000.0	
S.I.= 13527.	SIGE= 11914.						
EL= 498	NODES= 3067 3068	8	7	MAT= 1	AREA= 1.51	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 3.909	-16.09	-1.7812	PRESS= 1000.0	0.			
MX, MY, MXY= -179.21	-151.87	23.201					
TOP SX, SY, SKY, SZ= 13098.	5760.4	170.41	0.	SIG1, SIG2, SIG3= 13102.	5755.4	-2.2868E-07	
S.I.= 13102.	SIGE= 11375.						
MID SX, SY, SKY, SZ= 14029.	6548.9	49.951	-500.00	SIG1, SIG2, SIG3= 14029.	6548.5	-500.00	
S.I.= 14529.	SIGE= 12584.						
BOT SX, SY, SKY, SZ= 14959.	7337.4	-70.510	-1000.0	SIG1, SIG2, SIG3= 14960.	7336.8	-1000.0	
S.I.= 15960.	SIGE= 13826.						
EL= 499	NODES= 3109 3110	50	49	MAT= 1	AREA= 2.99	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -10.06	-12.98	-1.7450	PRESS= 1000.0	0.			
MX, MY, MXY= 176.43	-58.455	-27.101					
TOP SX, SY, SKY, SZ= 15063.	7368.2	-290.12	0.	SIG1, SIG2, SIG3= 15074.	7357.3	-3.0182E-07	
S.I.= 15074.	SIGE= 13055.						

MID	SX,SY,SXY,SZ=	14147.	7671.5	-149.41	-500.00	SIG1,SIG2,SIG3=	14150.	7668.2	-500.00
	S.I.=	14550.	12715.						
BOT	SX,SY,SXY,SZ=	13231.	7975.0	-8.7073	-1000.0	SIG1,SIG2,SIG3=	13231.	7975.0	-1000.0
	S.I.=	14231.	12464.						
EL= 500 NODES= 3068 3069 9 8 MAT= 1 AREA= 1.50 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	4.840	-15.83	-7782		PRESS=	1000.0	0.	
	MX,MY,MXY=	-122.98	-133.13	16.822					
TOP	SX,SY,SXY,SZ=	13411.	5800.9	148.52	0.	SIG1,SIG2,SIG3=	13414.	5798.0	-.29803E-07
	S.I.=	13414.	11653.						
MID	SX,SY,SXY,SZ=	14050.	6492.1	61.177	-500.00	SIG1,SIG2,SIG3=	14050.	6491.6	-500.00
	S.I.=	14550.	12604.						
BOT	SX,SY,SXY,SZ=	14688.	7183.2	-26.162	-1000.0	SIG1,SIG2,SIG3=	14688.	7183.2	-1000.0
	S.I.=	15688.	13591.						
EL= 501 NODES= 3108 3109 49 48 MAT= 1 AREA= 3.23 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-11.64	-11.58	-7287		PRESS=	1000.0	0.	
	MX,MY,MXY=	61.948	-82.152	-28.039					
TOP	SX,SY,SXY,SZ=	14560.	7091.6	-287.18	0.	SIG1,SIG2,SIG3=	14571.	7080.6	-.29252E-07
	S.I.=	14571.	12621.						
MID	SX,SY,SXY,SZ=	14239.	7518.2	-141.61	-500.00	SIG1,SIG2,SIG3=	14242.	7515.2	-500.00
	S.I.=	14742.	12783.						
BOT	SX,SY,SXY,SZ=	13917.	7944.7	3.9697	-1000.0	SIG1,SIG2,SIG3=	13917.	7944.7	-1000.0
	S.I.=	14917.	13004.						
EL= 502 NODES= 3069 3070 10 9 MAT= 1 AREA= 1.49 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.753	-15.53	-7746		PRESS=	1000.0	0.	
	MX,MY,MXY=	-80.873	-117.94	10.864					
TOP	SX,SY,SXY,SZ=	13657.	5831.2	133.12	0.	SIG1,SIG2,SIG3=	13659.	5829.0	-.30615E-07
	S.I.=	13659.	11871.						
MID	SX,SY,SXY,SZ=	14077.	6443.6	76.716	-500.00	SIG1,SIG2,SIG3=	14077.	6442.8	-500.00
	S.I.=	14577.	12829.						
BOT	SX,SY,SXY,SZ=	14497.	7055.9	20.309	-1000.0	SIG1,SIG2,SIG3=	14497.	7055.8	-1000.0
	S.I.=	15497.	13424.						
EL= 503 NODES= 3107 3108 48 47 MAT= 1 AREA= 3.47 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-13.15	-9.816	-7081		PRESS=	1000.0	0.	
	MX,MY,MXY=	-45.358	-98.734	-20.997					
TOP	SX,SY,SXY,SZ=	14123.	6840.6	-221.50	0.	SIG1,SIG2,SIG3=	14130.	6833.8	-.28525E-07
	S.I.=	14130.	12239.						
MID	SX,SY,SXY,SZ=	14359.	7353.2	-112.48	-500.00	SIG1,SIG2,SIG3=	14360.	7351.4	-500.00
	S.I.=	14860.	12876.						
BOT	SX,SY,SXY,SZ=	14594.	7865.8	-3.4701	-1000.0	SIG1,SIG2,SIG3=	14594.	7865.8	-1000.0
	S.I.=	15594.	13547.						
EL= 504 NODES= 3070 3071 11 10 MAT= 1 AREA= 1.49 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	6.848	-15.16	-7704		PRESS=	1000.0	0.	
	MX,MY,MXY=	-52.849	-106.52	5.3569					
TOP	SX,SY,SXY,SZ=	13834.	5848.3	123.48	0.	SIG1,SIG2,SIG3=	13836.	5846.4	-.31283E-07
	S.I.=	13836.	12030.						
MID	SX,SY,SXY,SZ=	14109.	6401.4	95.666	-500.00	SIG1,SIG2,SIG3=	14110.	6400.2	-500.00
	S.I.=	14610.	12659.						
BOT	SX,SY,SXY,SZ=	14383.	6954.4	67.853	-1000.0	SIG1,SIG2,SIG3=	14384.	6953.8	-1000.0
	S.I.=	15384.	13325.						
EL= 505 NODES= 3106 3107 47 46 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-14.52	-7.639	-6828		PRESS=	1000.0	0.	
	MX,MY,MXY=	-143.60	-105.06	-8.6489					
TOP	SX,SY,SXY,SZ=	13767.	6675.7	-109.65	0.	SIG1,SIG2,SIG3=	13768.	6674.0	-.27758E-07
	S.I.=	13768.	11925.						
MID	SX,SY,SXY,SZ=	14512.	7221.2	-64.742	-500.00	SIG1,SIG2,SIG3=	14513.	7220.6	-500.00
	S.I.=	15013.	13003.						
BOT	SX,SY,SXY,SZ=	15258.	7766.7	-19.837	-1000.0	SIG1,SIG2,SIG3=	15258.	7766.7	-1000.0
	S.I.=	16258.	14094.						

EL= 506 NODES= 3105 3106 46 45										MAT= 1 AREA= 3.89		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -15.60 -5.024 -.6523										PRESS= 1000.0 0.					
MX,MY,MXY= -223.48 -93.900 3.2401															
TOP SX,SY,SKY,SZ= 13540. 6685.5 10.261 0.										SIG1,SIG2,SIG3= 13540.		6685.5		-.26841E-07	
S.I.= 13540. SIGE= 11726.															
MID SX,SY,SKY,SZ= 14700. 7173.1 -6.5613 -500.00										SIG1,SIG2,SIG3= 14700.		7173.1		-500.00	
S.I.= 15200. SIGE= 13164.															
BOT SX,SY,SKY,SZ= 15860. 7660.6 -23.384 -1000.0										SIG1,SIG2,SIG3= 15860.		7660.5		-1000.0	
S.I.= 16860. SIGE= 14603.															
EL= 507 NODES= 3071 3072 12 11										MAT= 1 AREA= 1.48		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 7.520 -14.75 -.7656										PRESS= 1000.0 0.					
MX,MY,MXY= -38.875 -98.915 -.23710															
TOP SX,SY,SKY,SZ= 13943. 5850.9 117.76 0.										SIG1,SIG2,SIG3= 13945.		5849.1		-.31629E-07	
S.I.= 13945. SIGE= 12129.															
MID SX,SY,SKY,SZ= 14145. 6364.4 116.53 -500.00										SIG1,SIG2,SIG3= 14147.		6362.7		-500.00	
S.I.= 14647. SIGE= 12693.															
BOT SX,SY,SKY,SZ= 14347. 6878.0 115.30 -1000.0										SIG1,SIG2,SIG3= 14349.		6876.2		-1000.0	
S.I.= 15349. SIGE= 13294.															
EL= 508 NODES= 3072 3073 13 12										MAT= 1 AREA= 1.47		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 8.366 -14.29 -.7602										PRESS= 1000.0 0.					
MX,MY,MXY= -38.912 -95.029 -4.5765															
TOP SX,SY,SKY,SZ= 13984. 5839.2 113.78 0.										SIG1,SIG2,SIG3= 13986.		5837.7		-.31970E-07	
S.I.= 13986. SIGE= 12167.															
MID SX,SY,SKY,SZ= 14186. 6332.6 137.54 -500.00										SIG1,SIG2,SIG3= 14189.		6330.2		-500.00	
S.I.= 14689. SIGE= 12731.															
BOT SX,SY,SKY,SZ= 14388. 6826.0 161.31 -1000.0										SIG1,SIG2,SIG3= 14392.		6822.6		-1000.0	
S.I.= 15392. SIGE= 13330.															
EL= 509 NODES= 3073 3074 14 13										MAT= 1 AREA= 1.46		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 9.184 -13.78 -.7543										PRESS= 1000.0 0.					
MX,MY,MXY= -52.843 -94.736 -9.1546															
TOP SX,SY,SKY,SZ= 13957. 5814.7 109.35 0.										SIG1,SIG2,SIG3= 13959.		5813.2		-.31859E-07	
S.I.= 13959. SIGE= 12145.															
MID SX,SY,SKY,SZ= 14232. 6306.6 156.88 -500.00										SIG1,SIG2,SIG3= 14235.		6303.5		-500.00	
S.I.= 14735. SIGE= 12775.															
BOT SX,SY,SKY,SZ= 14506. 6798.4 204.41 -1000.0										SIG1,SIG2,SIG3= 14511.		6793.0		-1000.0	
S.I.= 15511. SIGE= 13433.															
EL= 510 NODES= 3074 3075 15 14										MAT= 1 AREA= 1.44		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 9.971 -13.22 -.7478										PRESS= 1000.0 0.					
MX,MY,MXY= -80.437 -97.903 -13.561															
TOP SX,SY,SKY,SZ= 13864. 5779.2 102.35 0.										SIG1,SIG2,SIG3= 13865.		5777.9		-.31670E-07	
S.I.= 13865. SIGE= 12063.															
MID SX,SY,SKY,SZ= 14281. 6287.5 172.76 -500.00										SIG1,SIG2,SIG3= 14285.		6283.8		-500.00	
S.I.= 14785. SIGE= 12819.															
BOT SX,SY,SKY,SZ= 14699. 6795.8 243.17 -1000.0										SIG1,SIG2,SIG3= 14707.		6788.4		-1000.0	
S.I.= 15707. SIGE= 13602.															
EL= 511 NODES= 3075 3076 16 15										MAT= 1 AREA= 1.43		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 10.72 -12.62 -.7407										PRESS= 1000.0 0.					
MX,MY,MXY= -121.34 -104.38 -17.862															
TOP SX,SY,SKY,SZ= 13705. 5735.3 90.889 0.										SIG1,SIG2,SIG3= 13706.		5734.3		-.31138E-07	
S.I.= 13706. SIGE= 11923.															
MID SX,SY,SKY,SZ= 14335. 6277.3 183.63 -500.00										SIG1,SIG2,SIG3= 14339.		6273.1		-500.00	
S.I.= 14839. SIGE= 12868.															
BOT SX,SY,SKY,SZ= 14765. 6819.2 276.57 -1000.0										SIG1,SIG2,SIG3= 14975.		6809.9		-1000.0	
S.I.= 15975. SIGE= 13836.															
EL= 512 NODES= 3076 3077 17 16										MAT= 1 AREA= 1.42		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 11.44 -11.97 -.7332										PRESS= 1000.0 0.					
MX,MY,MXY= -175.10 -113.97 -22.130															



TOP	SX,SY,SXY,SZ=	13484.	5686.4	73.325	0.	SIG1,SIG2,SIG3=	13485.	5685.7	-.30516E-07
	S.I.=	13485.	SIGE=	11726.					
MID	SX,SY,SXY,SZ=	14393.	6278.2	188.22	-500.00	SIG1,SIG2,SIG3=	14398.	6273.8	-500.00
	S.I.=	14398.	SIGE=	12919.					
BOT	SX,SY,SXY,SZ=	15302.	6869.9	303.12	-1000.0	SIG1,SIG2,SIG3=	15313.	6859.0	-1000.0
	S.I.=	16313.	SIGE=	14131.					
EL= 513 NODES= 3077 3078 18 17 MAT= 1 AREA= 1.40 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.12 -11.29 -.7252 PRESS= 1000.0 0.									
MX,MY,MXY= -241.22 -126.41 -26.445									
TOP	SX,SY,SXY,SZ=	13203.	5636.4	48.461	0.	SIG1,SIG2,SIG3=	13203.	5636.1	-.29598E-07
	S.I.=	13203.	SIGE=	11475.					
MID	SX,SY,SXY,SZ=	14455.	6292.7	185.77	-500.00	SIG1,SIG2,SIG3=	14460.	6288.5	-500.00
	S.I.=	14960.	SIGE=	12974.					
BOT	SX,SY,SXY,SZ=	15708.	6949.1	323.07	-1000.0	SIG1,SIG2,SIG3=	15720.	6937.2	-1000.0
	S.I.=	16720.	SIGE=	14486.					
EL= 514 NODES= 3078 3079 19 18 MAT= 1 AREA= 1.38 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.76 -10.54 -.7168 PRESS= 1000.0 0.									
MX,MY,MXY= -319.21 -141.23 -30.860									
TOP	SX,SY,SXY,SZ=	12864.	5590.6	15.995	0.	SIG1,SIG2,SIG3=	12865.	5590.6	-.28473E-07
	S.I.=	12865.	SIGE=	11173.					
MID	SX,SY,SXY,SZ=	14522.	6323.9	176.22	-500.00	SIG1,SIG2,SIG3=	14526.	6320.1	-500.00
	S.I.=	15026.	SIGE=	13031.					
BOT	SX,SY,SXY,SZ=	16179.	7057.2	336.44	-1000.0	SIG1,SIG2,SIG3=	16192.	7044.8	-1000.0
	S.I.=	17192.	SIGE=	14899.					
EL= 515 NODES= 3079 3080 20 19 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.35 -9.802 -.7080 PRESS= 1000.0 0.									
MX,MY,MXY= -408.64 -157.59 -35.234									
TOP	SX,SY,SXY,SZ=	12471.	5555.0	-22.146	0.	SIG1,SIG2,SIG3=	12471.	5555.9	-.27026E-07
	S.I.=	12471.	SIGE=	10822.					
MID	SX,SY,SXY,SZ=	14593.	6374.2	160.79	-500.00	SIG1,SIG2,SIG3=	14596.	6371.1	-500.00
	S.I.=	15096.	SIGE=	13091.					
BOT	SX,SY,SXY,SZ=	16714.	7192.4	343.72	-1000.0	SIG1,SIG2,SIG3=	16727.	7180.0	-1000.0
	S.I.=	17727.	SIGE=	15367.					
EL= 516 NODES= 3080 3081 21 20 MAT= 1 AREA= 1.35 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.90 -9.009 -.6987 PRESS= 1000.0 0.									
MX,MY,MXY= -508.89 -174.46 -39.024									
TOP	SX,SY,SXY,SZ=	12026.	5540.7	-59.040	0.	SIG1,SIG2,SIG3=	12027.	5540.1	-.25358E-07
	S.I.=	12027.	SIGE=	10426.					
MID	SX,SY,SXY,SZ=	14669.	6446.5	143.57	-500.00	SIG1,SIG2,SIG3=	14671.	6444.0	-500.00
	S.I.=	15171.	SIGE=	13154.					
BOT	SX,SY,SXY,SZ=	17311.	7352.3	346.18	-1000.0	SIG1,SIG2,SIG3=	17323.	7340.3	-1000.0
	S.I.=	18323.	SIGE=	15889.					
EL= 517 NODES= 3081 3082 22 21 MAT= 1 AREA= 1.33 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.40 -8.185 -.6891 PRESS= 1000.0 0.									
MX,MY,MXY= -518.86 -192.38 -41.960									
TOP	SX,SY,SXY,SZ=	11535.	5539.7	-86.463	0.	SIG1,SIG2,SIG3=	11537.	5538.5	-.23441E-07
	S.I.=	11537.	SIGE=	9993.5					
MID	SX,SY,SXY,SZ=	14748.	6538.6	131.39	-500.00	SIG1,SIG2,SIG3=	14750.	6536.4	-500.00
	S.I.=	15250.	SIGE=	13220.					
BOT	SX,SY,SXY,SZ=	17962.	7537.4	349.25	-1000.0	SIG1,SIG2,SIG3=	17973.	7525.7	-1000.0
	S.I.=	18973.	SIGE=	16459.					
EL= 518 NODES= 3082 3083 23 22 MAT= 1 AREA= 1.31 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -7.333 -.6792 PRESS= 1000.0 0.									
MX,MY,MXY= -738.86 -217.65 -48.335									
TOP	SX,SY,SXY,SZ=	11015.	5510.9	-102.81	0.	SIG1,SIG2,SIG3=	11017.	5509.0	-.21523E-07
	S.I.=	11017.	SIGE=	9541.0					
MID	SX,SY,SXY,SZ=	14851.	6640.9	148.15	-500.00	SIG1,SIG2,SIG3=	14854.	6638.3	-500.00
	S.I.=	15354.	SIGE=	13308.					



EL= 519	NODES= 3083 3084	24 23	MAT= 1	AREA= 1.29	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	15.25	-6.457	-0.6690	PRESS= 1000.0	0.		
MX, MY, MXY=	-883.47	-258.31	-74.236				
TOP SX, SY, SKY, SZ=	10367.	5447.2	-201.18	0.	SIG1, SIG2, SIG3= 10375.	5439.0	-0.19263E-07
S.I.=	10375.	SIGE= 8988.7					
MID SX, SY, SKY, SZ=	14954.	6788.4	184.25	-500.00	SIG1, SIG2, SIG3= 14958.	6784.2	-500.00
S.I.=	15458.	SIGE= 13395.					
BOT SX, SY, SKY, SZ=	19541.	8129.5	569.69	-1000.0	SIG1, SIG2, SIG3= 19569.	8101.1	-1000.0
S.I.=	20569.	SIGE= 17853.					
EL= 520	NODES= 3084 3085	25 24	MAT= 1	AREA= 1.26	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	15.55	-5.546	-0.6584	PRESS= 1000.0	0.		
MX, MY, MXY=	-66.986	17.912	-16.073				
TOP SX, SY, SKY, SZ=	14448.	7017.8	137.32	0.	SIG1, SIG2, SIG3= 14450.	7015.3	-0.29129E-07
S.I.=	14450.	SIGE= 12516.					
MID SX, SY, SKY, SZ=	14796.	6924.8	220.76	-500.00	SIG1, SIG2, SIG3= 14802.	6918.6	-500.00
S.I.=	15302.	SIGE= 13254.					
BOT SX, SY, SKY, SZ=	15143.	6831.8	304.21	-1000.0	SIG1, SIG2, SIG3= 15155.	6820.7	-1000.0
S.I.=	16155.	SIGE= 13993.					
EL= 521	NODES= 3085 3086	26 25	MAT= 1	AREA= 1.58	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	15.82	-4.490	-0.6461	PRESS= 1000.0	0.		
MX, MY, MXY=	718.23	252.43	-56.253				
TOP SX, SY, SKY, SZ=	18527.	8430.3	-170.77	0.	SIG1, SIG2, SIG3= 18530.	8427.4	-0.39460E-07
S.I.=	18530.	SIGE= 16069.					
MID SX, SY, SKY, SZ=	14798.	7119.6	121.29	-500.00	SIG1, SIG2, SIG3= 14800.	7117.7	-500.00
S.I.=	15300.	SIGE= 13250.					
BOT SX, SY, SKY, SZ=	11069.	5809.0	413.36	-1000.0	SIG1, SIG2, SIG3= 11101.	5776.7	-1000.0
S.I.=	12101.	SIGE= 10505.					
EL= 522	NODES= 3086 3087	27 26	MAT= 1	AREA= 1.71	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	16.13	-3.238	-0.6315	PRESS= 1000.0	0.		
MX, MY, MXY=	594.14	223.64	-28.060				
TOP SX, SY, SKY, SZ=	18007.	8459.6	-120.97	0.	SIG1, SIG2, SIG3= 18008.	8458.1	-0.37328E-07
S.I.=	18008.	SIGE= 15605.					
MID SX, SY, SKY, SZ=	14922.	7298.5	24.716	-500.00	SIG1, SIG2, SIG3= 14922.	7298.4	-500.00
S.I.=	15422.	SIGE= 13356.					
BOT SX, SY, SKY, SZ=	11837.	6137.4	170.40	-1000.0	SIG1, SIG2, SIG3= 11842.	6132.3	-1000.0
S.I.=	12842.	SIGE= 11145.					
EL= 523	NODES= 3087 3088	28 27	MAT= 1	AREA= 1.84	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	16.34	-1.833	-0.6152	PRESS= 1000.0	0.		
MX, MY, MXY=	455.88	201.47	-13.321				
TOP SX, SY, SKY, SZ=	17477.	8492.7	-113.56	0.	SIG1, SIG2, SIG3= 17478.	8491.3	-0.35112E-07
S.I.=	17478.	SIGE= 15138.					
MID SX, SY, SKY, SZ=	15058.	7446.7	-44.395	-500.00	SIG1, SIG2, SIG3= 15058.	7446.4	-500.00
S.I.=	15558.	SIGE= 13475.					
BOT SX, SY, SKY, SZ=	12639.	6400.7	24.765	-1000.0	SIG1, SIG2, SIG3= 12639.	6400.6	-1000.0
S.I.=	13639.	SIGE= 11826.					
EL= 524	NODES= 3088 3089	29 28	MAT= 1	AREA= 1.97	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC=	16.44	-0.2670	-0.5969	PRESS= 1000.0	0.		
MX, MY, MXY=	342.96	186.10	2.7907				
TOP SX, SY, SKY, SZ=	16963.	8555.3	-68.974	0.	SIG1, SIG2, SIG3= 16964.	8554.7	-0.32965E-07
S.I.=	16964.	SIGE= 14691.					
MID SX, SY, SKY, SZ=	15182.	7589.1	-83.463	-500.00	SIG1, SIG2, SIG3= 15183.	7588.2	-500.00
S.I.=	15683.	SIGE= 13584.					
BOT SX, SY, SKY, SZ=	13402.	6622.9	-97.952	-1000.0	SIG1, SIG2, SIG3= 13403.	6621.5	-1000.0
S.I.=	14403.	SIGE= 12481.					
EL= 525	NODES= 3089 3090	30 29	MAT= 1	AREA= 2.10	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	

EL= 526	NODES= 3090 3091	31 30	MAT= 1	AREA= 2.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.87	1.464	-.5768	PRESS= 1000.0	0.		
MX, MY, MXY= 232.13	176.23	20.217				
TOP SX, SY, SKY, SZ= 16523.	8629.2	-19.933	0.	SIG1, SIG2, SIG3= 16523.	8629.1	-.30877E-07
S.I.= 16523.	SIGE= 14314.					
MID SX, SY, SKY, SZ= 15318.	7714.2	-124.90	-500.00	SIG1, SIG2, SIG3= 15320.	7712.2	-500.00
S.I.= 15820.	SIGE= 13704.					
BOT SX, SY, SKY, SZ= 14113.	6799.2	-229.87	-1000.0	SIG1, SIG2, SIG3= 14120.	6792.0	-1000.0
S.I.= 15120.	SIGE= 13096.					
EL= 527	NODES= 3091 3092	32 31	MAT= 1	AREA= 2.36	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.354	-.5548	PRESS= 1000.0	0.		
MX, MY, MXY= 141.19	174.72	37.653				
TOP SX, SY, SKY, SZ= 16187.	8723.1	29.881	0.	SIG1, SIG2, SIG3= 16188.	8723.0	-.29157E-07
S.I.= 16188.	SIGE= 14033.					
MID SX, SY, SKY, SZ= 15454.	7816.0	-165.61	-500.00	SIG1, SIG2, SIG3= 15458.	7812.4	-500.00
S.I.= 15958.	SIGE= 13824.					
BOT SX, SY, SKY, SZ= 14721.	6908.9	-361.11	-1000.0	SIG1, SIG2, SIG3= 14738.	6892.2	-1000.0
S.I.= 15738.	SIGE= 13629.					
EL= 528	NODES= 3092 3093	33 32	MAT= 1	AREA= 2.48	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.385	-.5311	PRESS= 1000.0	0.		
MX, MY, MXY= 77.442	181.29	53.134				
TOP SX, SY, SKY, SZ= 15993.	8826.4	81.471	0.	SIG1, SIG2, SIG3= 15994.	8825.5	-.28011E-07
S.I.= 15994.	SIGE= 13876.					
MID SX, SY, SKY, SZ= 15591.	7885.1	-194.40	-500.00	SIG1, SIG2, SIG3= 15596.	7880.2	-500.00
S.I.= 16096.	SIGE= 13943.					
BOT SX, SY, SKY, SZ= 15189.	6943.9	-470.28	-1000.0	SIG1, SIG2, SIG3= 15215.	6917.1	-1000.0
S.I.= 16215.	SIGE= 14044.					
EL= 529	NODES= 3093 3094	34 33	MAT= 1	AREA= 2.60	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.701	-.4809	PRESS= 1000.0	0.		
MX, MY, MXY= 35.265	202.52	64.030				
TOP SX, SY, SKY, SZ= 16030.	8883.7	183.81	0.	SIG1, SIG2, SIG3= 16035.	8878.9	-.28077E-07
S.I.= 16035.	SIGE= 13913.					
MID SX, SY, SKY, SZ= 15847.	7832.2	-148.64	-500.00	SIG1, SIG2, SIG3= 15850.	7829.4	-500.00
S.I.= 16350.	SIGE= 14160.					
BOT SX, SY, SKY, SZ= 15664.	6780.7	-48.08	-1000.0	SIG1, SIG2, SIG3= 15690.	6754.7	-1000.0
S.I.= 16690.	SIGE= 14466.					
EL= 530	NODES= 3094 3095	35 34	MAT= 1	AREA= 2.72	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82	-.4561	PRESS= 1000.0	0.		
MX, MY, MXY= 35.647	202.86	53.014				
TOP SX, SY, SKY, SZ= 16150.	8721.9	213.64	0.	SIG1, SIG2, SIG3= 16157.	8715.8	-.29090E-07
S.I.= 16157.	SIGE= 14006.					
MID SX, SY, SKY, SZ= 15965.	7668.7	-61.608	-500.00	SIG1, SIG2, SIG3= 15966.	7668.2	-500.00
S.I.= 16466.	SIGE= 14260.					
BOT SX, SY, SKY, SZ= 15780.	6615.5	-336.86	-1000.0	SIG1, SIG2, SIG3= 15793.	6603.1	-1000.0
S.I.= 16793.	SIGE= 14564.					
EL= 531	NODES= 3095 3096	36 35	MAT= 1	AREA= 2.86	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75	-.4337	PRESS= 1000.0	0.		
MX, MY, MXY= 26.526	190.52	51.495				
TOP SX, SY, SKY, SZ= 16212.	8412.8	211.68	0.	SIG1, SIG2, SIG3= 16218.	8407.1	-.30641E-07
S.I.= 16218.	SIGE= 14048.					

MID	SX,SY,SXY,SZ=	16075.	7423.6	48.156	-500.00	SIG1,SIG2,SIG3=	16076.	7423.4	-500.00
	S.I.=	16576.	SIGE=	14360.					
BOT	SX,SY,SXY,SZ=	15939.	6434.5	-115.37	-1000.0	SIG1,SIG2,SIG3=	15940.	6433.1	-1000.0
	S.I.=	16940.	SIGE=	14707.					
EL= 532 NODES= 3096 3097 37 36 MAT= 1 AREA= 3.02 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	5.824	15.30	-4157	PRESS=	1000.0	0.		
	MX,MY,MXY=	31065	173.28	5.4615					
TOP	SX,SY,SXY,SZ=	16168.	8041.7	177.61	0.	SIG1,SIG2,SIG3=	16172.	8037.9	-.31851E-07
	S.I.=	16172.	SIGE=	14005.					
MID	SX,SY,SXY,SZ=	16166.	7142.1	149.25	-500.00	SIG1,SIG2,SIG3=	16169.	7139.6	-500.00
	S.I.=	16669.	SIGE=	14452.					
BOT	SX,SY,SXY,SZ=	16165.	6242.4	120.90	-1000.0	SIG1,SIG2,SIG3=	16166.	6240.9	-1000.0
	S.I.=	17166.	SIGE=	14927.					
EL= 533 NODES= 3097 3098 38 37 MAT= 1 AREA= 3.25 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.137	16.20	-4051	PRESS=	1000.0	0.		
	MX,MY,MXY=	-18.452	169.57	-16.382					
TOP	SX,SY,SXY,SZ=	16113.	7745.6	123.51	0.	SIG1,SIG2,SIG3=	16115.	7743.8	-.32802E-07
	S.I.=	16115.	SIGE=	13960.					
MID	SX,SY,SXY,SZ=	16209.	6865.2	208.56	-500.00	SIG1,SIG2,SIG3=	16214.	6860.6	-500.00
	S.I.=	16714.	SIGE=	14509.					
BOT	SX,SY,SXY,SZ=	16305.	5984.8	293.62	-1000.0	SIG1,SIG2,SIG3=	16313.	5977.5	-1000.0
	S.I.=	17313.	SIGE=	15088.					
EL= 534 NODES= 3098 3099 39 38 MAT= 1 AREA= 3.59 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-2.048	16.19	-4053	PRESS=	1000.0	0.		
	MX,MY,MXY=	39.031	198.88	-27.767					
TOP	SX,SY,SXY,SZ=	16358.	7651.7	34.178	0.	SIG1,SIG2,SIG3=	16359.	7651.5	-.34056E-07
	S.I.=	16359.	SIGE=	14177.					
MID	SX,SY,SXY,SZ=	16156.	6619.1	178.34	-500.00	SIG1,SIG2,SIG3=	16159.	6615.8	-500.00
	S.I.=	16659.	SIGE=	14478.					
BOT	SX,SY,SXY,SZ=	15953.	5586.5	322.51	-1000.0	SIG1,SIG2,SIG3=	15963.	5576.5	-1000.0
	S.I.=	16963.	SIGE=	14813.					
EL= 535 NODES= 3099 3100 40 39 MAT= 1 AREA= 4.10 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-6.484	14.94	-4199	PRESS=	1000.0	0.		
	MX,MY,MXY=	273.98	279.04	-28.941					
TOP	SX,SY,SXY,SZ=	17393.	8024.4	-140.89	0.	SIG1,SIG2,SIG3=	17395.	8022.3	-.36704E-07
	S.I.=	17395.	SIGE=	15079.					
MID	SX,SY,SXY,SZ=	15970.	6575.6	9.3697	-500.00	SIG1,SIG2,SIG3=	15970.	6575.6	-500.00
	S.I.=	16470.	SIGE=	14311.					
BOT	SX,SY,SXY,SZ=	14548.	5126.8	159.63	-1000.0	SIG1,SIG2,SIG3=	14550.	5124.1	-1000.0
	S.I.=	15550.	SIGE=	13568.					
EL= 536 NODES= 3100 3101 41 40 MAT= 1 AREA= 4.39 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-10.58	12.38	-4497	PRESS=	1000.0	0.		
	MX,MY,MXY=	305.99	291.05	-26.170					
TOP	SX,SY,SXY,SZ=	17323.	8435.6	-299.44	0.	SIG1,SIG2,SIG3=	17333.	8425.5	-.34803E-07
	S.I.=	17333.	SIGE=	15015.					
MID	SX,SY,SXY,SZ=	15734.	6924.5	-163.56	-500.00	SIG1,SIG2,SIG3=	15737.	6921.4	-500.00
	S.I.=	16237.	SIGE=	14079.					
BOT	SX,SY,SXY,SZ=	14146.	5413.4	-27.688	-1000.0	SIG1,SIG2,SIG3=	14146.	5413.3	-1000.0
	S.I.=	15146.	SIGE=	13168.					
EL= 537 NODES= 3101 3102 42 41 MAT= 1 AREA= 4.34 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-13.65	8.941	-4897	PRESS=	1000.0	0.		
	MX,MY,MXY=	56.032	201.82	-21.802					
TOP	SX,SY,SXY,SZ=	15826.	8413.3	-260.22	0.	SIG1,SIG2,SIG3=	15835.	8404.1	-.39012E-07
	S.I.=	15835.	SIGE=	13722.					
MID	SX,SY,SXY,SZ=	15535.	7365.4	-147.03	-500.00	SIG1,SIG2,SIG3=	15538.	7362.8	-500.00
	S.I.=	16038.	SIGE=	13890.					
BOT	SX,SY,SXY,SZ=	15244.	6317.6	-33.827	-1000.0	SIG1,SIG2,SIG3=	15244.	6317.4	-1000.0
	S.I.=	16244.	SIGE=	14091.					



EL= 538 NODES= 3102 3103 43 42 MAT= 1 AREA= 4.28 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -15.50 5.187 -5.334 PRESS= 1000.0 0.  
 MX,MY,MXY= -127.32 107.01 -11.442  
 TOP SX,SY,SKY,SZ= 14684. 8067.5 -88.433 0. SIG1,SIG2,SIG3= 14685. 8066.4 -.25876E-07  
 S.I.= 14685. SIGE= 12738.  
 MID SX,SY,SKY,SZ= 15345. 7512.0 -29.023 -500.00 SIG1,SIG2,SIG3= 15345. 7511.9 -500.00  
 S.I.= 15845. SIGE= 13723.  
 BOT SX,SY,SKY,SZ= 16006. 6956.4 30.386 -1000.0 SIG1,SIG2,SIG3= 16006. 6956.3 -1000.0  
 S.I.= 17006. SIGE= 14738.

EL= 539 NODES= 3103 3104 44 43 MAT= 1 AREA= 4.19 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -16.30 1.475 -5.766 PRESS= 1000.0 0.  
 MX,MY,MXY= -237.72 14.781 1.3109  
 TOP SX,SY,SKY,SZ= 13904. 7478.6 51.587 0. SIG1,SIG2,SIG3= 13904. 7478.2 -.25093E-07  
 S.I.= 13904. SIGE= 12053.  
 MID SX,SY,SKY,SZ= 15138. 7401.9 44.780 -500.00 SIG1,SIG2,SIG3= 15138. 7401.6 -500.00  
 S.I.= 15638. SIGE= 13543.  
 BOT SX,SY,SKY,SZ= 16372. 7325.1 37.974 -1000.0 SIG1,SIG2,SIG3= 16372. 7325.0 -1000.0  
 S.I.= 17372. SIGE= 15049.

EL= 540 NODES= 3104 3105 45 44 MAT= 1 AREA= 4.06 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -16.26 -1.969 -6.168 PRESS= 1000.0 0.  
 MX,MY,MXY= -264.18 -55.448 7.6917  
 TOP SX,SY,SKY,SZ= 13543. 6955.1 41.798 0. SIG1,SIG2,SIG3= 13544. 6954.1 -.25742E-07  
 S.I.= 13544. SIGE= 11731.  
 MID SX,SY,SKY,SZ= 14915. 7243.0 41.867 -500.00 SIG1,SIG2,SIG3= 14915. 7242.8 -500.00  
 S.I.= 15415. SIGE= 13350.  
 BOT SX,SY,SKY,SZ= 16287. 7530.9 1.9352 -1000.0 SIG1,SIG2,SIG3= 16287. 7530.9 -1000.0  
 S.I.= 17287. SIGE= 14971.

EL= 541 NODES= 1 2 62 61 MAT= 1 AREA= .239 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -1.825 -16.41 .1250 PRESS= 1000.0 0.  
 MX,MY,MXY= 68.923 -195.78 21.133  
 TOP SX,SY,SKY,SZ= 14356. 6552.9 -86.522 0. SIG1,SIG2,SIG3= 14357. 6552.0 -.30602E-07  
 S.I.= 14357. SIGE= 12450.  
 MID SX,SY,SKY,SZ= 13959. 7682.0 -208.39 -500.00 SIG1,SIG2,SIG3= 13966. 7675.0 -500.00  
 S.I.= 14466. SIGE= 12583.  
 BOT SX,SY,SKY,SZ= 13561. 8811.0 -330.26 -1000.0 SIG1,SIG2,SIG3= 13584. 8788.2 -1000.0  
 S.I.= 14584. SIGE= 12875.

EL= 542 NODES= 2 3 63 62 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -8.762 -16.54 .1250 PRESS= 1000.0 0.  
 MX,MY,MXY= -539.49 -307.74 54.663  
 TOP SX,SY,SKY,SZ= 10986. 5808.3 307.66 0. SIG1,SIG2,SIG3= 11004. 5790.1 -.20412E-07  
 S.I.= 11004. SIGE= 9534.2  
 MID SX,SY,SKY,SZ= 14462. 7791.1 -44.517 -500.00 SIG1,SIG2,SIG3= 14462. 7790.8 -500.00  
 S.I.= 14962. SIGE= 12983.  
 BOT SX,SY,SKY,SZ= 17938. 9773.9 -396.72 -1000.0 SIG1,SIG2,SIG3= 17957. 9754.7 -1000.0  
 S.I.= 18957. SIGE= 16467.

EL= 543 NODES= 54 1 61 114 MAT= 1 AREA= .306 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -2.894 -16.19 .1250 PRESS= 1000.0 0.  
 MX,MY,MXY= 850.65 52.355 50.784  
 TOP SX,SY,SKY,SZ= 18094. 7906.4 208.73 0. SIG1,SIG2,SIG3= 18098. 7902.1 -.39983E-07  
 S.I.= 18098. SIGE= 15715.  
 MID SX,SY,SKY,SZ= 13677. 7634.6 -54.935 -500.00 SIG1,SIG2,SIG3= 13678. 7634.1 -500.00  
 S.I.= 14178. SIGE= 12323.  
 BOT SX,SY,SKY,SZ= 9260.5 7362.8 -318.60 -1000.0 SIG1,SIG2,SIG3= 9312.6 7310.7 -1000.0  
 S.I.= 10313. SIGE= 9471.7

EL= 544 NODES= 3 4 64 63 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= .8805E-01 -16.57 .1250 PRESS= 1000.0 0.  
 MX,MY,MXY= -441.10 -329.90 40.579



TOP	SX,SY,SXY,SZ=	11484.	5555.6	339.06	0.	SIG1,SIG2,SIG3=	11484.	5536.2	-.23236E-07	
	S.I.=	11484.	SIGE=	9947.3						
MID	SX,SY,SXY,SZ=	14306.	7681.2	77.605	-500.00	SIG1,SIG2,SIG3=	14307.	7680.3	-500.00	
	S.I.=	14307.	SIGE=	12847.						
BOT	SX,SY,SXY,SZ=	17148.	9806.8	-183.85	-1000.0	SIG1,SIG2,SIG3=	17153.	9802.2	-1000.0	
	S.I.=	18153.	SIGE=	15815.						
EL=	545	NODES=	53 54 114 113	MAT=	1	AREA=	.338	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-4.152	-15.92	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	699.54	14.350	28.325						
TOP	SX,SY,SXY,SZ=	17462.	7798.4	131.60	0.	SIG1,SIG2,SIG3=	17464.	7796.6	-.37905E-07	
	S.I.=	17464.	SIGE=	15153.						
MID	SX,SY,SXY,SZ=	13830.	7723.9	-15.464	-500.00	SIG1,SIG2,SIG3=	13830.	7723.8	-500.00	
	S.I.=	14330.	SIGE=	12455.						
BOT	SX,SY,SXY,SZ=	10198.	7649.4	-162.53	-1000.0	SIG1,SIG2,SIG3=	10208.	7639.1	-1000.0	
	S.I.=	11208.	SIGE=	10170.						
EL=	546	NODES=	4 5 65 64	MAT=	1	AREA=	.241	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	1.052	-16.53	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	-354.94	-294.89	31.184						
TOP	SX,SY,SXY,SZ=	11968.	5675.2	251.77	0.	SIG1,SIG2,SIG3=	11978.	5665.1	-.24639E-07	
	S.I.=	11978.	SIGE=	10378.						
MID	SX,SY,SXY,SZ=	14255.	7575.2	50.843	-500.00	SIG1,SIG2,SIG3=	14255.	7574.8	-500.00	
	S.I.=	14755.	SIGE=	12797.						
BOT	SX,SY,SXY,SZ=	16541.	9475.2	-150.08	-1000.0	SIG1,SIG2,SIG3=	16545.	9472.0	-1000.0	
	S.I.=	17545.	SIGE=	15289.						
EL=	547	NODES=	52 53 113 112	MAT=	1	AREA=	.373	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-5.510	-15.50	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	557.10	-28.498	8.6465						
TOP	SX,SY,SXY,SZ=	16794.	7642.3	-54.150	0.	SIG1,SIG2,SIG3=	16795.	7642.0	-.35829E-07	
	S.I.=	16795.	SIGE=	14564.						
MID	SX,SY,SXY,SZ=	13902.	7790.2	-99.043	-500.00	SIG1,SIG2,SIG3=	13903.	7788.6	-500.00	
	S.I.=	14403.	SIGE=	12521.						
BOT	SX,SY,SXY,SZ=	11009.	7938.2	-143.94	-1000.0	SIG1,SIG2,SIG3=	11016.	7931.5	-1000.0	
	S.I.=	12016.	SIGE=	10809.						
EL=	548	NODES=	5 6 66 65	MAT=	1	AREA=	.241	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	2.012	-16.44	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	-283.22	-266.82	26.312						
TOP	SX,SY,SXY,SZ=	12401.	5760.6	228.91	0.	SIG1,SIG2,SIG3=	12409.	5752.7	-.26037E-07	
	S.I.=	12409.	SIGE=	10756.						
MID	SX,SY,SXY,SZ=	14226.	7479.7	59.374	-500.00	SIG1,SIG2,SIG3=	14226.	7479.2	-500.00	
	S.I.=	14726.	SIGE=	12768.						
BOT	SX,SY,SXY,SZ=	16050.	9198.9	-110.16	-1000.0	SIG1,SIG2,SIG3=	16052.	9197.2	-1000.0	
	S.I.=	17052.	SIGE=	14862.						
EL=	549	NODES=	51 52 112 111	MAT=	1	AREA=	.412	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-6.961	-14.90	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	417.10	-70.094	-8.5150						
TOP	SX,SY,SXY,SZ=	16123.	7444.8	-183.67	0.	SIG1,SIG2,SIG3=	16127.	7440.9	-.33939E-07	
	S.I.=	16127.	SIGE=	13980.						
MID	SX,SY,SXY,SZ=	13958.	7808.8	-139.46	-500.00	SIG1,SIG2,SIG3=	13961.	7805.6	-500.00	
	S.I.=	14461.	SIGE=	12570.						
BOT	SX,SY,SXY,SZ=	11792.	8172.7	-95.252	-1000.0	SIG1,SIG2,SIG3=	11795.	8170.2	-1000.0	
	S.I.=	12795.	SIGE=	11422.						
EL=	550	NODES=	6 7 67 66	MAT=	1	AREA=	.241	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	2.966	-16.30	.1250		PRESS=	1000.0	0.		
	MX,MY,MXY=	-221.24	-243.27	22.170						
TOP	SX,SY,SXY,SZ=	12794.	5824.9	210.29	0.	SIG1,SIG2,SIG3=	12801.	5818.5	-.27341E-07	
	S.I.=	12801.	SIGE=	11101.						
MID	SX,SY,SXY,SZ=	14220.	7392.3	67.444	-500.00	SIG1,SIG2,SIG3=	14220.	7391.6	-500.00	
	S.I.=	14720.	SIGE=	12759.						

EL= 551 NODES= 50 51 111 110 MAT= 1 AREA= .455 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -8.487 -14.08 .1250 PRESS= 1000.0 0. MX,MY,MXY= 281.33 -108.24 -22.494 TOP SX,SY,SKY,SZ= 15472. 7207.4 -300.47 0. SIG1,SIG2,SIG3= 15483. 7196.5 -.32432E-07 S.I.= 15483. SIGE= 13420. MID SX,SY,SKY,SZ= 14012. 7769.3 -183.68 -500.00 SIG1,SIG2,SIG3= 14017. 7763.9 -500.00 S.I.= 14517. SIGE= 12612. BOT SX,SY,SKY,SZ= 12551. 8331.3 -66.893 -1000.0 SIG1,SIG2,SIG3= 12552. 8330.3 -1000.0 S.I.= 13552. SIGE= 12011.									
EL= 552 NODES= 7 8 68 67 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 3.909 -16.10 .1250 PRESS= 1000.0 0. MX,MY,MXY= -168.99 -222.84 17.912 TOP SX,SY,SKY,SZ= 13136. 5878.3 196.21 0. SIG1,SIG2,SIG3= 13142. 5873.0 -.28492E-07 S.I.= 13142. SIGE= 11402. MID SX,SY,SKY,SZ= 14225. 7314.1 80.800 -500.00 SIG1,SIG2,SIG3= 14226. 7313.2 -500.00 S.I.= 14726. SIGE= 12761. BOT SX,SY,SKY,SZ= 15314. 8749.9 -34.610 -1000.0 SIG1,SIG2,SIG3= 15314. 8749.7 -1000.0 S.I.= 16314. SIGE= 14218.									
EL= 553 NODES= 49 50 110 109 MAT= 1 AREA= .502 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -10.06 -12.99 .1250 PRESS= 1000.0 0. MX,MY,MXY= 151.81 -143.94 -30.749 TOP SX,SY,SKY,SZ= 14870. 6922.3 -365.50 0. SIG1,SIG2,SIG3= 14887. 6905.6 -.31222E-07 S.I.= 14887. SIGE= 12903. MID SX,SY,SKY,SZ= 14082. 7669.6 -205.85 -500.00 SIG1,SIG2,SIG3= 14088. 7663.0 -500.00 S.I.= 14588. SIGE= 12664. BOT SX,SY,SKY,SZ= 13294. 8417.0 -46.201 -1000.0 SIG1,SIG2,SIG3= 13294. 8416.5 -1000.0 S.I.= 14294. SIGE= 12585.									
EL= 554 NODES= 8 9 69 68 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 4.840 -15.84 .1250 PRESS= 1000.0 0. MX,MY,MXY= -126.93 -205.76 13.737 TOP SX,SY,SKY,SZ= 13420. 5920.5 188.23 0. SIG1,SIG2,SIG3= 13425. 5915.8 -.29417E-07 S.I.= 13425. SIGE= 11653. MID SX,SY,SKY,SZ= 14238. 7246.3 99.728 -500.00 SIG1,SIG2,SIG3= 14239. 7244.8 -500.00 S.I.= 14739. SIGE= 12770. BOT SX,SY,SKY,SZ= 15056. 8572.0 11.221 -1000.0 SIG1,SIG2,SIG3= 15056. 8572.0 -1000.0 S.I.= 16056. SIGE= 13990.									
EL= 555 NODES= 48 49 109 108 MAT= 1 AREA= .555 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -11.64 -11.59 .1250 PRESS= 1000.0 0. MX,MY,MXY= 29.966 -175.72 -31.212 TOP SX,SY,SKY,SZ= 14326. 8612.1 -371.57 0. SIG1,SIG2,SIG3= 14344. 8594.2 -.30283E-07 S.I.= 14344. SIGE= 12435. MID SX,SY,SKY,SZ= 14170. 7524.4 -209.52 -500.00 SIG1,SIG2,SIG3= 14177. 7517.8 -500.00 S.I.= 14677. SIGE= 12729. BOT SX,SY,SKY,SZ= 14015. 8436.7 -47.462 -1000.0 SIG1,SIG2,SIG3= 14015. 8436.3 -1000.0 S.I.= 15015. SIGE= 13146.									
EL= 556 NODES= 9 10 70 69 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 5.753 -15.53 .1250 PRESS= 1000.0 0. MX,MY,MXY= -95.280 -192.36 9.7774 TOP SX,SY,SKY,SZ= 13643. 5949.0 187.06 0. SIG1,SIG2,SIG3= 13647. 5944.4 -.30123E-07 S.I.= 13647. SIGE= 11851. MID SX,SY,SKY,SZ= 14257. 7188.4 124.06 -500.00 SIG1,SIG2,SIG3= 14259. 7186.2 -500.00 S.I.= 14759. SIGE= 12785. BOT SX,SY,SKY,SZ= 14870. 8427.8 61.066 -1000.0 SIG1,SIG2,SIG3= 14871. 8427.2 -1000.0 S.I.= 15871. SIGE= 13825.									
EL= 557 NODES= 47 48 108 107 MAT= 1 AREA= .612 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									

EL= 558	NODES= 10 11 71 70	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.15 -9.874 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -83.177 -201.70 -23.863					
TOP	SX, SY, SKY, SZ= 13853. 6317.6 -316.96 0.	SIG1, SIG2, SIG3= 13866. 6304.2 -.29578E-07			
S.I.= 13866. SIGE= 12025.					
MID	SX, SY, SKY, SZ= 14284. 7364.8 -193.06 -500.00	SIG1, SIG2, SIG3= 14290. 7359.4 -500.00			
S.I.= 14790. SIGE= 12817.					
BOT	SX, SY, SKY, SZ= 14716. 8412.0 -69.166 -1000.0	SIG1, SIG2, SIG3= 14717. 8411.2 -1000.0			
S.I.= 15717. SIGE= 13700.					
EL= 559	NODES= 46 47 107 106	MAT= 1	AREA= .676	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 6.648 -15.17 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -74.117 -182.63 6.0734					
TOP	SX, SY, SKY, SZ= 13803. 5962.3 191.95 0.	SIG1, SIG2, SIG3= 13808. 5957.7 -.30796E-07			
S.I.= 13808. SIGE= 11995.					
MID	SX, SY, SKY, SZ= 14281. 7139.1 152.82 -500.00	SIG1, SIG2, SIG3= 14284. 7135.8 -500.00			
S.I.= 14784. SIGE= 12806.					
BOT	SX, SY, SKY, SZ= 14758. 8315.8 113.69 -1000.0	SIG1, SIG2, SIG3= 14760. 8313.8 -1000.0			
S.I.= 15760. SIGE= 13724.					
EL= 560	NODES= 11 12 72 71	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 7.520 -14.76 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -63.491 -176.64 2.6133					
TOP	SX, SY, SKY, SZ= 13901. 5959.5 200.72 0.	SIG1, SIG2, SIG3= 13906. 5954.5 -.31113E-07			
S.I.= 13906. SIGE= 12084.					
MID	SX, SY, SKY, SZ= 14310. 7097.7 183.89 -500.00	SIG1, SIG2, SIG3= 14311. 7093.0 -500.00			
S.I.= 14815. SIGE= 12831.					
BOT	SX, SY, SKY, SZ= 14719. 8235.8 167.05 -1000.0	SIG1, SIG2, SIG3= 14723. 8231.5 -1000.0			
S.I.= 15723. SIGE= 13686.					
EL= 561	NODES= 45 46 106 105	MAT= 1	AREA= .746	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60 -5.031 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -263.58 -213.13 -.88869					
TOP	SX, SY, SKY, SZ= 13233. 6076.0 -123.77 0.	SIG1, SIG2, SIG3= 13235. 6073.8 -.28021E-07			
S.I.= 13235. SIGE= 11475.					
MID	SX, SY, SKY, SZ= 14602. 7182.5 -119.16 -500.00	SIG1, SIG2, SIG3= 14604. 7180.6 -500.00			
S.I.= 15104. SIGE= 13081.					
BOT	SX, SY, SKY, SZ= 15970. 8289.1 -114.54 -1000.0	SIG1, SIG2, SIG3= 15972. 8287.4 -1000.0			
S.I.= 16972. SIGE= 14720.					
EL= 562	NODES= 44 45 105 104	MAT= 1	AREA= .823	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -16.26 -1.976 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -301.69 -180.03 3.0093					
TOP	SX, SY, SKY, SZ= 13233. 6308.5 -70.629 0.	SIG1, SIG2, SIG3= 13234. 6307.8 -.27103E-07			
S.I.= 13234. SIGE= 11465.					
MID	SX, SY, SKY, SZ= 14799. 7243.2 -86.253 -500.00	SIG1, SIG2, SIG3= 14800. 7242.2 -500.00			
S.I.= 15300. SIGE= 13251.					
BOT	SX, SY, SKY, SZ= 16366. 8177.9 -101.88 -1000.0	SIG1, SIG2, SIG3= 16367. 8176.6 -1000.0			
S.I.= 17367. SIGE= 15048.					
EL= 563	NODES= 12 13 73 72	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.366 -14.30 .1250 PRESS= 1000.0 0.					
MX, MY, MXY= -63.586 -174.58 -.66407					
TOP	SX, SY, SKY, SZ= 13936. 5940.5 210.94 0.	SIG1, SIG2, SIG3= 13942. 5934.9 -.31291E-07			
S.I.= 13942. SIGE= 12118.					



EL= 564	NODES= 13 14 74 73	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 9.184	-13.79 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -73.711	-175.77	-3.8459			
TOP SX, SY, SKY, SZ= 13909.	5906.3	219.80	0.	SIG1, SIG2, SIG3= 13915.	5900.3 - .31304E-07
S.I.= 13915.	SIGE= 12097.				
MID SX, SY, SKY, SZ= 14384.	7038.8	244.57	-500.00	SIG1, SIG2, SIG3= 14392.	7030.7 -500.00
S.I.= 14892.	SIGE= 12897.				
BOT SX, SY, SKY, SZ= 14859.	8171.3	269.35	-1000.0	SIG1, SIG2, SIG3= 14870.	8160.5 -1000.0
S.I.= 15870.	SIGE= 13798.				
EL= 565	NODES= 14 15 75 74	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 9.971	-13.23 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -94.279	-180.67	-7.0191			
TOP SX, SY, SKY, SZ= 13821.	5859.0	224.71	0.	SIG1, SIG2, SIG3= 13827.	5852.7 - .31179E-07
S.I.= 13827.	SIGE= 12021.				
MID SX, SY, SKY, SZ= 14428.	7023.1	269.94	-500.00	SIG1, SIG2, SIG3= 14438.	7013.3 -500.00
S.I.= 14938.	SIGE= 12937.				
BOT SX, SY, SKY, SZ= 15036.	8187.2	315.16	-1000.0	SIG1, SIG2, SIG3= 15050.	8172.7 -1000.0
S.I.= 16050.	SIGE= 13947.				
EL= 566	NODES= 15 16 76 75	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 10.72	-12.63 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -124.81	-188.90	-10.260			
TOP SX, SY, SKY, SZ= 13673.	5801.5	223.25	0.	SIG1, SIG2, SIG3= 13680.	5795.1 - .30798E-07
S.I.= 13680.	SIGE= 11893.				
MID SX, SY, SKY, SZ= 14477.	7018.6	289.35	-500.00	SIG1, SIG2, SIG3= 14489.	7007.4 -500.00
S.I.= 14989.	SIGE= 12980.				
BOT SX, SY, SKY, SZ= 15282.	8235.7	355.46	-1000.0	SIG1, SIG2, SIG3= 15299.	8217.8 -1000.0
S.I.= 16299.	SIGE= 14156.				
EL= 567	NODES= 16 17 77 76	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.44	-11.98 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -164.06	-200.25	-13.625			
TOP SX, SY, SKY, SZ= 13469.	5737.1	213.57	0.	SIG1, SIG2, SIG3= 13475.	5731.3 - .30241E-07
S.I.= 13475.	SIGE= 11713.				
MID SX, SY, SKY, SZ= 14532.	7027.4	301.35	-500.00	SIG1, SIG2, SIG3= 14544.	7015.3 -500.00
S.I.= 15044.	SIGE= 13028.				
BOT SX, SY, SKY, SZ= 15594.	8317.6	389.14	-1000.0	SIG1, SIG2, SIG3= 15615.	8296.8 -1000.0
S.I.= 16615.	SIGE= 14423.				
EL= 568	NODES= 17 18 78 77	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 12.12	-11.30 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -214.29	-214.35	-17.129			
TOP SX, SY, SKY, SZ= 13210.	5670.5	194.36	0.	SIG1, SIG2, SIG3= 13215.	5665.5 - .29543E-07
S.I.= 13215.	SIGE= 11483.				
MID SX, SY, SKY, SZ= 14590.	7051.6	304.72	-500.00	SIG1, SIG2, SIG3= 14603.	7039.3 -500.00
S.I.= 15103.	SIGE= 13079.				
BOT SX, SY, SKY, SZ= 15971.	8432.6	415.09	-1000.0	SIG1, SIG2, SIG3= 15994.	8409.9 -1000.0
S.I.= 16994.	SIGE= 14745.				
EL= 569	NODES= 18 19 79 78	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 12.76	-10.57 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -272.35	-230.80	-20.699			
TOP SX, SY, SKY, SZ= 12900.	5606.4	165.91	0.	SIG1, SIG2, SIG3= 12904.	5602.6 - .28575E-07
S.I.= 12904.	SIGE= 11207.				
MID SX, SY, SKY, SZ= 14655.	7093.5	299.27	-500.00	SIG1, SIG2, SIG3= 14667.	7081.6 -500.00
S.I.= 15187.	SIGE= 13135.				
BOT SX, SY, SKY, SZ= 16409.	8580.5	432.64	-1000.0	SIG1, SIG2, SIG3= 16433.	8556.7 -1000.0
S.I.= 17433.	SIGE= 15121.				



EL= 570	NODES= 19 20 80 79	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.35	-9.810 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -338.61	-249.17 -24.134				
TOP SX, SY, SKY, SZ= 12543.	5548.9	130.55	0.	SIG1, SIG2, SIG3= 12545.	5546.5 -2.7427E-07
S.I.= 12543.	SIGE= 10889.				
MID SX, SY, SKY, SZ= 14724.	7154.3	286.05	-500.00	SIG1, SIG2, SIG3= 14735.	7143.6 -500.00
S.I.= 15235.	SIGE= 13194.				
BOT SX, SY, SKY, SZ= 16906.	8759.8	441.54	-1000.0	SIG1, SIG2, SIG3= 16930.	8735.9 -1000.0
S.I.= 17930.	SIGE= 15547.				
EL= 571	NODES= 20 21 81 80	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.90	-9.017 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -412.67	-269.90 -27.411				
TOP SX, SY, SKY, SZ= 12142.	5495.0	89.958	0.	SIG1, SIG2, SIG3= 12144.	5493.8 -2.6012E-07
S.I.= 12144.	SIGE= 10533.				
MID SX, SY, SKY, SZ= 14801.	7234.0	266.57	-500.00	SIG1, SIG2, SIG3= 14811.	7224.6 -500.00
S.I.= 15311.	SIGE= 13260.				
BOT SX, SY, SKY, SZ= 17460.	8973.0	443.13	-1000.0	SIG1, SIG2, SIG3= 17483.	8949.9 -1000.0
S.I.= 18483.	SIGE= 16023.				
EL= 572	NODES= 21 22 82 81	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.40	-8.193 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -495.25	-294.13 -31.686				
TOP SX, SY, SKY, SZ= 11705.	5430.3	52.354	0.	SIG1, SIG2, SIG3= 11705.	5429.9 -2.4513E-07
S.I.= 11705.	SIGE= 10146.				
MID SX, SY, SKY, SZ= 14895.	7325.4	256.51	-500.00	SIG1, SIG2, SIG3= 14904.	7316.7 -500.00
S.I.= 15404.	SIGE= 13341.				
BOT SX, SY, SKY, SZ= 18086.	9220.5	460.67	-1000.0	SIG1, SIG2, SIG3= 18110.	9196.6 -1000.0
S.I.= 19110.	SIGE= 16562.				
EL= 573	NODES= 22 23 83 82	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.85	-7.341 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -590.96	-318.54 -39.901				
TOP SX, SY, SKY, SZ= 11210.	5363.6	-40.876	0.	SIG1, SIG2, SIG3= 11210.	5363.3 -2.2880E-07
S.I.= 11210.	SIGE= 9711.3				
MID SX, SY, SKY, SZ= 15018.	7416.0	216.21	-500.00	SIG1, SIG2, SIG3= 15024.	7409.9 -500.00
S.I.= 15524.	SIGE= 13445.				
BOT SX, SY, SKY, SZ= 18825.	9468.4	473.30	-1000.0	SIG1, SIG2, SIG3= 18849.	9444.5 -1000.0
S.I.= 19849.	SIGE= 17198.				
EL= 574	NODES= 23 24 84 83	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.25	-6.464 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -701.03	-293.15 -50.848				
TOP SX, SY, SKY, SZ= 10748.	5626.7	1.7858	0.	SIG1, SIG2, SIG3= 10748.	5626.7 -2.0047E-07
S.I.= 10748.	SIGE= 9311.7				
MID SX, SY, SKY, SZ= 15265.	7515.5	329.41	-500.00	SIG1, SIG2, SIG3= 15279.	7501.6 -500.00
S.I.= 15779.	SIGE= 13666.				
BOT SX, SY, SKY, SZ= 19782.	9404.3	657.03	-1000.0	SIG1, SIG2, SIG3= 19823.	9362.9 -1000.0
S.I.= 20823.	SIGE= 18034.				
EL= 575	NODES= 24 25 85 84	MAT= 1	AREA= .239	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.55	-5.554 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -74.202	-130.09 -10.645				
TOP SX, SY, SKY, SZ= 14360.	6590.8	423.90	0.	SIG1, SIG2, SIG3= 14383.	6567.7 -3.0585E-07
S.I.= 14383.	SIGE= 12472.				
MID SX, SY, SKY, SZ= 14788.	7341.0	485.30	-500.00	SIG1, SIG2, SIG3= 14820.	7309.5 -500.00
S.I.= 15320.	SIGE= 13268.				
BOT SX, SY, SKY, SZ= 15218.	8091.3	546.69	-1000.0	SIG1, SIG2, SIG3= 15258.	8049.6 -1000.0
S.I.= 16258.	SIGE= 14110.				
EL= 576	NODES= 25 26 86 85	MAT= 1	AREA= .206	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.82	-4.498 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= 719.94	118.81 -39.429				

TOP	SX,SY,SXY,SZ=	18270.	7849.5	35.153	0.	SIG1,SIG2,SIG3=	18270.	7849.4	-4.0795E-07
	S.I.=	18270.	SIGE=	15875.					
MID	SX,SY,SXY,SZ=	14532.	7232.7	239.87	-500.00	SIG1,SIG2,SIG3=	14540.	7224.8	-500.00
	S.I.=	15040.	SIGE=	13027.					
BOT	SX,SY,SXY,SZ=	10794.	6615.8	444.59	-1000.0	SIG1,SIG2,SIG3=	10841.	6569.0	-1000.0
	S.I.=	11841.	SIGE=	10386.					
EL= 577 NODES= 26 27 87 86 MAT= 1 AREA= .338 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.13 -3.246 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 571.54 107.98 -19.117									
TOP	SX,SY,SXY,SZ=	17745.	7902.1	-10.328	0.	SIG1,SIG2,SIG3=	17745.	7902.1	-3.8487E-07
	S.I.=	17745.	SIGE=	15398.					
MID	SX,SY,SXY,SZ=	14777.	7347.5	88.925	-500.00	SIG1,SIG2,SIG3=	14778.	7340.4	-500.00
	S.I.=	15278.	SIGE=	13233.					
BOT	SX,SY,SXY,SZ=	11809.	6780.8	188.18	-1000.0	SIG1,SIG2,SIG3=	11817.	6773.8	-1000.0
	S.I.=	12817.	SIGE=	11183.					
EL= 578 NODES= 27 28 88 87 MAT= 1 AREA= .373 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.34 -1.840 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 437.50 77.656 -2.7975									
TOP	SX,SY,SXY,SZ=	17192.	7870.1	64.330	0.	SIG1,SIG2,SIG3=	17192.	7869.6	-3.6402E-07
	S.I.=	17192.	SIGE=	14906.					
MID	SX,SY,SXY,SZ=	14920.	7466.9	78.855	-500.00	SIG1,SIG2,SIG3=	14921.	7466.0	-500.00
	S.I.=	15421.	SIGE=	13357.					
BOT	SX,SY,SXY,SZ=	12649.	7063.7	93.379	-1000.0	SIG1,SIG2,SIG3=	12650.	7062.1	-1000.0
	S.I.=	13650.	SIGE=	11886.					
EL= 579 NODES= 28 29 89 88 MAT= 1 AREA= .412 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.44 -2.740 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 311.98 57.179 11.630									
TOP	SX,SY,SXY,SZ=	16669.	7898.5	92.184	0.	SIG1,SIG2,SIG3=	16670.	7897.6	-3.4378E-07
	S.I.=	16670.	SIGE=	14444.					
MID	SX,SY,SXY,SZ=	15050.	7601.6	31.800	-500.00	SIG1,SIG2,SIG3=	15050.	7601.5	-500.00
	S.I.=	15550.	SIGE=	13470.					
BOT	SX,SY,SXY,SZ=	13430.	7304.8	-28.584	-1000.0	SIG1,SIG2,SIG3=	13430.	7304.6	-1000.0
	S.I.=	14430.	SIGE=	12544.					
EL= 580 NODES= 29 30 90 89 MAT= 1 AREA= .455 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.37 1.457 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 198.62 44.919 27.131									
TOP	SX,SY,SXY,SZ=	16209.	7956.1	140.42	0.	SIG1,SIG2,SIG3=	16211.	7953.7	-3.2334E-07
	S.I.=	16211.	SIGE=	14040.					
MID	SX,SY,SXY,SZ=	15177.	7722.9	-44.712	-500.00	SIG1,SIG2,SIG3=	15177.	7722.9	-500.00
	S.I.=	15677.	SIGE=	13582.					
BOT	SX,SY,SXY,SZ=	14146.	7489.6	-141.31	-1000.0	SIG1,SIG2,SIG3=	14149.	7486.6	-1000.0
	S.I.=	15149.	SIGE=	13151.					
EL= 581 NODES= 30 31 91 90 MAT= 1 AREA= .502 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.09 3.347 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 104.53 39.619 42.617									
TOP	SX,SY,SXY,SZ=	15852.	8025.4	180.82	0.	SIG1,SIG2,SIG3=	15856.	8021.2	-3.0636E-07
	S.I.=	15856.	SIGE=	13732.					
MID	SX,SY,SXY,SZ=	15309.	7819.7	-40.447	-500.00	SIG1,SIG2,SIG3=	15309.	7819.5	-500.00
	S.I.=	15809.	SIGE=	13697.					
BOT	SX,SY,SXY,SZ=	14766.	7614.0	-261.72	-1000.0	SIG1,SIG2,SIG3=	14776.	7604.4	-1000.0
	S.I.=	15776.	SIGE=	13091.					
EL= 582 NODES= 31 32 92 91 MAT= 1 AREA= .555 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.52 5.379 .1250 PRESS= 1000.0 0.									
MX,MY,MXY= 37.156 42.272 55.884									
TOP	SX,SY,SXY,SZ=	15630.	8099.0	222.90	0.	SIG1,SIG2,SIG3=	15637.	8092.4	-2.9487E-07
	S.I.=	15637.	SIGE=	13545.					
MID	SX,SY,SXY,SZ=	15438.	7879.6	-67.251	-500.00	SIG1,SIG2,SIG3=	15438.	7879.0	-500.00
	S.I.=	15938.	SIGE=	13809.					

EL= 583	NODES= 32 33 93 92	MAT= 1	AREA= .612	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -38661	49.659	63.583			
TOP SX, SY, SKY, SZ= 15558.	8141.4	260.97	0.	SIG1, SIG2, SIG3= 15567.	8132.3 -29019E-07
S.I.= 15587.	SIGE= 13486.				
MID SX, SY, SKY, SZ= 13560.	7883.6	-69.154	-500.00	SIG1, SIG2, SIG3= 15561.	7883.0 -500.00
S.I.= 16061.	SIGE= 13914.				
BOT SX, SY, SKY, SZ= 15562.	7625.8	-399.28	-1000.0	SIG1, SIG2, SIG3= 15582.	7605.7 -1000.0
S.I.= 16582.	SIGE= 14364.				
EL= 584	NODES= 33 34 94 93	MAT= 1	AREA= .676	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.695 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -12.854	56.366	62.196			
TOP SX, SY, SKY, SZ= 15608.	8101.9	290.60	0.	SIG1, SIG2, SIG3= 15619.	8090.7 -27555E-07
S.I.= 15619.	SIGE= 13529.				
MID SX, SY, SKY, SZ= 15674.	7809.2	-32.321	-500.00	SIG1, SIG2, SIG3= 15675.	7809.1 -500.00
S.I.= 16175.	SIGE= 14009.				
BOT SX, SY, SKY, SZ= 15741.	7516.6	-355.24	-1000.0	SIG1, SIG2, SIG3= 15756.	7501.3 -1000.0
S.I.= 16756.	SIGE= 14512.				
EL= 585	NODES= 34 35 95 94	MAT= 1	AREA= .746	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -14.518	55.796	49.846			
TOP SX, SY, SKY, SZ= 15706.	7934.6	299.54	0.	SIG1, SIG2, SIG3= 15717.	7923.1 -30521E-07
S.I.= 15717.	SIGE= 13612.				
MID SX, SY, SKY, SZ= 15781.	7644.9	40.742	-500.00	SIG1, SIG2, SIG3= 15781.	7644.7 -500.00
S.I.= 16281.	SIGE= 14100.				
BOT SX, SY, SKY, SZ= 15856.	7355.2	-218.06	-1000.0	SIG1, SIG2, SIG3= 15862.	7349.6 -1000.0
S.I.= 16862.	SIGE= 14603.				
EL= 586	NODES= 35 36 96 95	MAT= 1	AREA= .823	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -23.219	45.750	28.422			
TOP SX, SY, SKY, SZ= 15760.	7643.6	278.81	0.	SIG1, SIG2, SIG3= 15769.	7634.0 -31886E-07
S.I.= 15769.	SIGE= 13659.				
MID SX, SY, SKY, SZ= 15880.	7406.1	131.24	-500.00	SIG1, SIG2, SIG3= 15882.	7404.0 -500.00
S.I.= 16382.	SIGE= 14190.				
BOT SX, SY, SKY, SZ= 16001.	7168.5	-16.329	-1000.0	SIG1, SIG2, SIG3= 16001.	7168.5 -1000.0
S.I.= 17001.	SIGE= 14727.				
EL= 587	NODES= 36 37 97 96	MAT= 1	AREA= .909	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824	15.29 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -46.139	33.588	4.0568			
TOP SX, SY, SKY, SZ= 15724.	7310.0	229.30	0.	SIG1, SIG2, SIG3= 15731.	7303.8 -32960E-07
S.I.= 15731.	SIGE= 13635.				
MID SX, SY, SKY, SZ= 15964.	7135.6	208.23	-500.00	SIG1, SIG2, SIG3= 15969.	7130.7 -500.00
S.I.= 16469.	SIGE= 14275.				
BOT SX, SY, SKY, SZ= 16203.	6961.3	187.17	-1000.0	SIG1, SIG2, SIG3= 16207.	6957.5 -1000.0
S.I.= 17207.	SIGE= 14916.				
EL= 588	NODES= 37 38 98 97	MAT= 1	AREA= 1.00	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.137	16.20 .1250	PRESS= 1000.0	0.		
MX, MY, MXY= -80.950	35.563	-15.482			
TOP SX, SY, SKY, SZ= 15692.	7055.7	157.20	0.	SIG1, SIG2, SIG3= 15694.	7052.8 -33755E-07
S.I.= 15694.	SIGE= 13615.				
MID SX, SY, SKY, SZ= 16008.	6872.1	237.58	-500.00	SIG1, SIG2, SIG3= 16014.	6865.9 -500.00
S.I.= 16514.	SIGE= 14329.				
BOT SX, SY, SKY, SZ= 16325.	6688.5	317.96	-1000.0	SIG1, SIG2, SIG3= 16335.	6678.0 -1000.0
S.I.= 17335.	SIGE= 15045.				
EL= 589	NODES= 38 39 99 98	MAT= 1	AREA= 1.11	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

XC, YC, ZC = -2.048	16.18	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = -.48709	67.332	-25.872						
TOP SX, SY, SKY, SZ = 15967.	6995.8	33.143	0.		SIG1, SIG2, SIG3 = 15968.	6995.7	-.35086E-07	
S.I. = 15968.	SIGE = 13864.							
MID SX, SY, SKY, SZ = 15973.	6646.2	167.47	-500.00		SIG1, SIG2, SIG3 = 15976.	6643.2	-500.00	
S.I. = 16476.	SIGE = 14310.							
BOT SX, SY, SKY, SZ = 15978.	6296.6	301.80	-1000.0		SIG1, SIG2, SIG3 = 15987.	6287.2	-1000.0	
S.I. = 16987.	SIGE = 14761.							
EL = 590	NODES = 39 40 100 99	MAT = 1	AREA = 1.22	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -6.484	14.93	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = 233.92	145.90	-28.715						
TOP SX, SY, SKY, SZ = 17028.	7373.8	-198.79	0.		SIG1, SIG2, SIG3 = 17032.	7369.7	-.37779E-07	
S.I. = 17032.	SIGE = 14794.							
MID SX, SY, SKY, SZ = 15813.	6616.2	-49.704	-500.00		SIG1, SIG2, SIG3 = 15814.	6616.0	-500.00	
S.I. = 16314.	SIGE = 14166.							
BOT SX, SY, SKY, SZ = 14599.	5858.7	99.384	-1000.0		SIG1, SIG2, SIG3 = 14600.	5857.6	-1000.0	
S.I. = 15600.	SIGE = 13543.							
EL = 591	NODES = 40 41 101 100	MAT = 1	AREA = 1.22	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -10.58	12.37	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = 264.49	153.35	-27.431						
TOP SX, SY, SKY, SZ = 16956.	7735.5	-405.05	0.		SIG1, SIG2, SIG3 = 16973.	7717.7	-.36173E-07	
S.I. = 16973.	SIGE = 14720.							
MID SX, SY, SKY, SZ = 15582.	6939.3	-262.63	-500.00		SIG1, SIG2, SIG3 = 15590.	6931.3	-500.00	
S.I. = 16090.	SIGE = 13948.							
BOT SX, SY, SKY, SZ = 14209.	6143.1	-120.21	-1000.0		SIG1, SIG2, SIG3 = 14211.	6141.3	-1000.0	
S.I. = 15211.	SIGE = 13181.							
EL = 592	NODES = 41 42 102 101	MAT = 1	AREA = 1.11	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -13.65	8.935	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = 15.085	62.681	-22.272						
TOP SX, SY, SKY, SZ = 15456.	7676.1	-385.72	0.		SIG1, SIG2, SIG3 = 15476.	7657.0	-.30641E-07	
S.I. = 15476.	SIGE = 13402.							
MID SX, SY, SKY, SZ = 15378.	7350.6	-270.08	-500.00		SIG1, SIG2, SIG3 = 15387.	7341.6	-500.00	
S.I. = 15887.	SIGE = 13759.							
BOT SX, SY, SKY, SZ = 15300.	7025.2	-154.45	-1000.0		SIG1, SIG2, SIG3 = 15303.	7022.3	-1000.0	
S.I. = 16303.	SIGE = 14119.							
EL = 593	NODES = 42 43 103 102	MAT = 1	AREA = 1.00	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -15.50	5.181	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = -165.23	-28.146	-12.741						
TOP SX, SY, SKY, SZ = 14336.	7344.4	-231.09	0.		SIG1, SIG2, SIG3 = 14344.	7336.8	-.27402E-07	
S.I. = 14344.	SIGE = 12423.							
MID SX, SY, SKY, SZ = 15194.	7490.5	-164.94	-500.00		SIG1, SIG2, SIG3 = 15198.	7487.0	-500.00	
S.I. = 15698.	SIGE = 13595.							
BOT SX, SY, SKY, SZ = 16052.	7636.7	-98.795	-1000.0		SIG1, SIG2, SIG3 = 16053.	7635.5	-1000.0	
S.I. = 17053.	SIGE = 14769.							
EL = 594	NODES = 43 44 104 103	MAT = 1	AREA = .909	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -16.30	1.469	.1250	PRESS = 1000.0	0.				
MX, MY, MXY = -273.82	-114.84	-2.1996						
TOP SX, SY, SKY, SZ = 13581.	6792.7	-104.13	0.		SIG1, SIG2, SIG3 = 13583.	6791.1	-.26537E-07	
S.I. = 13583.	SIGE = 11763.							
MID SX, SY, SKY, SZ = 15003.	7389.0	-92.705	-500.00		SIG1, SIG2, SIG3 = 15004.	7387.8	-500.00	
S.I. = 15504.	SIGE = 13427.							
BOT SX, SY, SKY, SZ = 16424.	7985.2	-81.285	-1000.0		SIG1, SIG2, SIG3 = 16425.	7984.5	-1000.0	
S.I. = 17425.	SIGE = 15093.							
EL = 595	NODES = 61 62 122 121	MAT = 1	AREA = .239	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -1.825	-16.41	.3750	PRESS = 1000.0	0.				
MX, MY, MXY = 77.296	-110.41	18.656						
TOP SX, SY, SKY, SZ = 14590.	7422.0	183.73	0.		SIG1, SIG2, SIG3 = 14594.	7417.3	-.28145E-07	
S.I. = 14594.	SIGE = 12640.							



MID	SX,SY,SKY,SZ=	14091.	8133.4	63.530	-500.00	SIG1,SIG2,SIG3=	1092.	8132.8	-500.0
	S.I.=	14592.	SIGE=	12708.					
BOT	SX,SY,SKY,SZ=	13593.	8844.8	-56.672	-1000.0	SIG1,SIG2,SIG3=	13594.	8844.2	-1000.0
	S.I.=	14594.	SIGE=	12893.					
EL= 596 NODES= 62 63 123 122 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -8.762 -16.54 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -393.39 -277.34 25.060									
TOP	SX,SY,SKY,SZ=	11629.	6424.8	293.03	0.	SIG1,SIG2,SIG3=	11645.	6408.3	-.20451E-07
	S.I.=	11645.	SIGE=	10102.					
MID	SX,SY,SKY,SZ=	14858.	8101.1	87.340	-500.00	SIG1,SIG2,SIG3=	14859.	8699.9	-500.00
	S.I.=	15359.	SIGE=	13388.					
BOT	SX,SY,SKY,SZ=	18087.	10977.	-118.35	-1000.0	SIG1,SIG2,SIG3=	18089.	10972.	-1000.0
	S.I.=	19089.	SIGE=	16709.					
EL= 597 NODES= 114 61 121 174 MAT= 1 AREA= .306 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.894 -16.19 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 854.51 55.825 40.290									
TOP	SX,SY,SKY,SZ=	18047.	7949.9	245.44	0.	SIG1,SIG2,SIG3=	18053.	7943.9	-.30527E-07
	S.I.=	18053.	SIGE=	15672.					
MID	SX,SY,SKY,SZ=	13610.	7660.0	36.260	-500.00	SIG1,SIG2,SIG3=	13610.	7659.8	-500.00
	S.I.=	14110.	SIGE=	12270.					
BOT	SX,SY,SKY,SZ=	9173.5	7370.2	-172.92	-1000.0	SIG1,SIG2,SIG3=	9189.9	7353.8	-1000.0
	S.I.=	10190.	SIGE=	9407.2					
EL= 598 NODES= 63 64 124 123 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= .8805E-01 -16.57 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -324.77 -281.05 30.194									
TOP	SX,SY,SKY,SZ=	11909.	6321.7	342.79	0.	SIG1,SIG2,SIG3=	11930.	6300.8	-.22001E-07
	S.I.=	11930.	SIGE=	10337.					
MID	SX,SY,SKY,SZ=	14575.	8628.5	94.961	-500.00	SIG1,SIG2,SIG3=	14576.	8627.0	-500.00
	S.I.=	15076.	SIGE=	13153.					
BOT	SX,SY,SKY,SZ=	17240.	10935.	-152.86	-1000.0	SIG1,SIG2,SIG3=	17244.	10932.	-1000.0
	S.I.=	18244.	SIGE=	16048.					
EL= 599 NODES= 113 114 174 173 MAT= 1 AREA= .338 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -4.152 -15.92 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 712.34 40.717 29.737									
TOP	SX,SY,SKY,SZ=	17548.	7926.7	142.70	0.	SIG1,SIG2,SIG3=	17550.	7924.5	-.37624E-07
	S.I.=	17550.	SIGE=	15223.					
MID	SX,SY,SKY,SZ=	13849.	7715.3	-11.697	-500.00	SIG1,SIG2,SIG3=	13849.	7715.2	-500.00
	S.I.=	14349.	SIGE=	12470.					
BOT	SX,SY,SKY,SZ=	10151.	7503.9	-166.09	-1000.0	SIG1,SIG2,SIG3=	10161.	7493.5	-1000.0
	S.I.=	11161.	SIGE=	10095.					
EL= 600 NODES= 64 65 125 124 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 1.052 -16.53 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -264.73 -260.04 24.366									
TOP	SX,SY,SKY,SZ=	12383.	6386.2	277.22	0.	SIG1,SIG2,SIG3=	12396.	6373.4	-.23537E-07
	S.I.=	12396.	SIGE=	10737.					
MID	SX,SY,SKY,SZ=	14556.	8520.5	77.239	-500.00	SIG1,SIG2,SIG3=	14557.	8519.5	-500.00
	S.I.=	15057.	SIGE=	13125.					
BOT	SX,SY,SKY,SZ=	16729.	10855.	-122.75	-1000.0	SIG1,SIG2,SIG3=	16731.	10652.	-1000.0
	S.I.=	17731.	SIGE=	15607.					
EL= 601 NODES= 112 113 173 172 MAT= 1 AREA= .373 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -5.510 -15.50 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 570.60 3.2641 9.5092									
TOP	SX,SY,SKY,SZ=	16848.	7793.0	-32.864	0.	SIG1,SIG2,SIG3=	16848.	7792.9	-.35405E-07
	S.I.=	16848.	SIGE=	14605.					
MID	SX,SY,SKY,SZ=	13885.	7776.0	-82.236	-500.00	SIG1,SIG2,SIG3=	13887.	7774.9	-500.00
	S.I.=	14387.	SIGE=	12506.					
BOT	SX,SY,SKY,SZ=	10923.	7759.1	-131.61	-1000.0	SIG1,SIG2,SIG3=	10928.	7753.6	-1000.0
	S.I.=	11928.	SIGE=	10700.					

EL= 602 NODES= 65 66 126 125 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 2.012 -16.44 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -212.50 -234.09 20.712									
TOP SX,SY,SKY,SZ= 12768. 6480.3 243.96 0. SIG1,SIG2,SIG3= 12778. 6470.9 -.24677E-07									
S.I.= 12778. SIGE= 11066.									
MID SX,SY,SKY,SZ= 14513. 8401.6 73.960 -500.00 SIG1,SIG2,SIG3= 14513. 8400.7 -500.00									
S.I.= 15013. SIGE= 13077.									
BOT SX,SY,SKY,SZ= 16257. 10323. -96.038 -1000.0 SIG1,SIG2,SIG3= 16258. 10321. -1000.0									
S.I.= 17258. SIGE= 15187.									
EL= 603 NODES= 111 112 172 171 MAT= 1 AREA= .412 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -0.961 -14.90 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 429.10 -40.567 -8.1341									
TOP SX,SY,SKY,SZ= 16182. 7593.4 -177.71 0. SIG1,SIG2,SIG3= 16186. 7589.7 -.33632E-07									
S.I.= 16186. SIGE= 14026.									
MID SX,SY,SKY,SZ= 13954. 7804.0 -135.48 -500.00 SIG1,SIG2,SIG3= 13957. 7801.0 -500.00									
S.I.= 14457. SIGE= 12566.									
BOT SX,SY,SKY,SZ= 11726. 8019.6 -93.244 -1000.0 SIG1,SIG2,SIG3= 11729. 8012.3 -1000.0									
S.I.= 12729. SIGE= 11337.									
EL= 604 NODES= 66 67 127 126 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 2.966 -16.30 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -167.60 -211.61 17.566									
TOP SX,SY,SKY,SZ= 13129. 6568.7 223.44 0. SIG1,SIG2,SIG3= 13136. 6561.1 -.25794E-07									
S.I.= 13136. SIGE= 11377.									
MID SX,SY,SKY,SZ= 14504. 8305.5 79.265 -500.00 SIG1,SIG2,SIG3= 14505. 8304.4 -500.00									
S.I.= 15005. SIGE= 13060.									
BOT SX,SY,SKY,SZ= 15880. 10042. -64.908 -1000.0 SIG1,SIG2,SIG3= 15881. 10042. -1000.0									
S.I.= 16881. SIGE= 14849.									
EL= 605 NODES= 110 111 171 170 MAT= 1 AREA= .455 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -8.487 -14.08 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 291.58 -81.016 -22.401									
TOP SX,SY,SKY,SZ= 15519. 7343.2 -292.78 0. SIG1,SIG2,SIG3= 15529. 7332.7 -.32032E-07									
S.I.= 15529. SIGE= 13456.									
MID SX,SY,SKY,SZ= 14005. 7763.8 -176.47 -500.00 SIG1,SIG2,SIG3= 14010. 7758.8 -500.00									
S.I.= 14510. SIGE= 12606.									
BOT SX,SY,SKY,SZ= 12491. 8184.4 -60.169 -1000.0 SIG1,SIG2,SIG3= 12492. 8183.6 -1000.0									
S.I.= 13492. SIGE= 11936.									
EL= 606 NODES= 67 68 128 127 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 3.909 -16.10 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -129.73 -192.28 14.334									
TOP SX,SY,SKY,SZ= 13439. 6636.5 209.42 0. SIG1,SIG2,SIG3= 13445. 6630.1 -.26666E-07									
S.I.= 13445. SIGE= 11645.									
MID SX,SY,SKY,SZ= 14504. 8214.6 91.769 -500.00 SIG1,SIG2,SIG3= 14505. 8213.3 -500.00									
S.I.= 15005. SIGE= 13051.									
BOT SX,SY,SKY,SZ= 15569. 9792.8 -25.881 -1000.0 SIG1,SIG2,SIG3= 15569. 9792.7 -1000.0									
S.I.= 16569. SIGE= 14587.									
EL= 607 NODES= 109 110 170 169 MAT= 1 AREA= .502 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -10.06 -12.99 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 159.62 -120.37 -30.933									
TOP SX,SY,SKY,SZ= 14905. 7043.4 -360.52 0. SIG1,SIG2,SIG3= 14921. 7026.9 -.30898E-07									
S.I.= 14921. SIGE= 12929.									
MID SX,SY,SKY,SZ= 14076. 7668.4 -199.91 -500.00 SIG1,SIG2,SIG3= 14082. 7662.2 -500.00									
S.I.= 14582. SIGE= 12659.									
BOT SX,SY,SKY,SZ= 13247. 8293.4 -39.310 -1000.0 SIG1,SIG2,SIG3= 13247. 8293.0 -1000.0									
S.I.= 14247. SIGE= 12528.									
EL= 608 NODES= 68 69 129 128 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 4.840 -15.84 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -99.218 -176.35 11.128									

TOP	SX,SY,SKY,SZ=	13698.	6689.8	201.81	0.	SIG1,SIG2,SIG3=	13704.	6684.0	-.27496E-07
	S.I.=	13704.	SIGE=	11869.					
MID	SX,SY,SKY,SZ=	14512.	8137.2	110.48	-500.00	SIG1,SIG2,SIG3=	14514.	8135.3	-500.00
	S.I.=	15014.	SIGE=	13052.					
BOT	SX,SY,SKY,SZ=	15327.	9584.6	19.147	-1000.0	SIG1,SIG2,SIG3=	15327.	9584.6	-1000.0
	S.I.=	16327.	SIGE=	14345.					
EL= 609 NODES= 108 109 169 168 MAT= 1 AREA= .555 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -11.64 -11.59 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 35.324 -155.78 -31.650									
TOP	SX,SY,SKY,SZ=	14347.	6716.3	-366.26	0.	SIG1,SIG2,SIG3=	14364.	6698.8	-.29945E-07
	S.I.=	14364.	SIGE=	12449.					
MID	SX,SY,SKY,SZ=	14163.	7525.1	-201.93	-500.00	SIG1,SIG2,SIG3=	14169.	7519.0	-500.00
	S.I.=	14669.	SIGE=	12722.					
BOT	SX,SY,SKY,SZ=	13979.	8333.9	-37.605	-1000.0	SIG1,SIG2,SIG3=	13979.	8333.7	-1000.0
	S.I.=	14979.	SIGE=	13103.					
EL= 610 NODES= 69 70 130 129 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 5.753 -15.53 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -76.226 -163.95 8.0582									
TOP	SX,SY,SKY,SZ=	13901.	6724.8	202.14	0.	SIG1,SIG2,SIG3=	13907.	6719.1	-.28126E-07
	S.I.=	13907.	SIGE=	12046.					
MID	SX,SY,SKY,SZ=	14527.	8070.5	136.00	-500.00	SIG1,SIG2,SIG3=	14530.	8067.6	-500.00
	S.I.=	15030.	SIGE=	13059.					
BOT	SX,SY,SKY,SZ=	15153.	9416.1	69.859	-1000.0	SIG1,SIG2,SIG3=	15153.	9415.2	-1000.0
	S.I.=	16153.	SIGE=	14183.					
EL= 611 NODES= 107 108 168 167 MAT= 1 AREA= .612 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.15 -9.824 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -79.754 -185.56 -24.626									
TOP	SX,SY,SKY,SZ=	13860.	6404.1	-312.28	0.	SIG1,SIG2,SIG3=	13873.	6391.0	-.29299E-07
	S.I.=	13873.	SIGE=	12027.					
MID	SX,SY,SKY,SZ=	14274.	7367.5	-184.42	-500.00	SIG1,SIG2,SIG3=	14279.	7362.6	-500.00
	S.I.=	14779.	SIGE=	12808.					
BOT	SX,SY,SKY,SZ=	14689.	8330.9	-56.568	-1000.0	SIG1,SIG2,SIG3=	14689.	8330.4	-1000.0
	S.I.=	15689.	SIGE=	13668.					
EL= 612 NODES= 70 71 131 130 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 6.648 -15.17 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -60.865 -155.25 5.1630									
TOP	SX,SY,SKY,SZ=	14048.	6739.9	208.58	0.	SIG1,SIG2,SIG3=	14054.	6733.9	-.28647E-07
	S.I.=	14054.	SIGE=	12174.					
MID	SX,SY,SKY,SZ=	14547.	8014.1	166.21	-500.00	SIG1,SIG2,SIG3=	14552.	8009.9	-500.00
	S.I.=	15052.	SIGE=	13072.					
BOT	SX,SY,SKY,SZ=	15047.	9288.3	123.83	-1000.0	SIG1,SIG2,SIG3=	15050.	9285.7	-1000.0
	S.I.=	16050.	SIGE=	14082.					
EL= 613 NODES= 106 107 167 166 MAT= 1 AREA= .676 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -14.52 -7.647 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -182.17 -204.89 -13.065									
TOP	SX,SY,SKY,SZ=	13467.	6174.1	-218.18	0.	SIG1,SIG2,SIG3=	13473.	6167.6	-.28539E-07
	S.I.=	13473.	SIGE=	11682.					
MID	SX,SY,SKY,SZ=	14413.	7237.9	-150.34	-500.00	SIG1,SIG2,SIG3=	14416.	7234.7	-500.00
	S.I.=	14916.	SIGE=	12921.					
BOT	SX,SY,SKY,SZ=	15359.	8301.6	-82.505	-1000.0	SIG1,SIG2,SIG3=	15360.	8300.7	-1000.0
	S.I.=	16360.	SIGE=	14212.					
EL= 614 NODES= 71 72 132 131 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 7.520 -14.76 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -53.178 -150.27 2.4431									
TOP	SX,SY,SKY,SZ=	14137.	6733.8	219.39	0.	SIG1,SIG2,SIG3=	14143.	6727.3	-.28954E-07
	S.I.=	14143.	SIGE=	12253.					
MID	SX,SY,SKY,SZ=	14573.	7967.1	199.34	-500.00	SIG1,SIG2,SIG3=	14579.	7961.1	-500.00
	S.I.=	15079.	SIGE=	13091.					



EL= 615 NODES= 105 106 166 165 MAT= 1 AREA= .746 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -15.60 -5.031 .3750 PRESS= 1000.0 0. MX,MY,MXY= -262.54 -206.70 -2.8041 TOP SX,SY,SXY,SZ= 13215. 6113.0 -122.11 0. SIG1,SIG2,SIG3= 13218. 6110.9 -.27748E-07 S.I.= 13218. SIGE= 11458. MID SX,SY,SXY,SZ= 14579. 7186.2 -107.55 -500.00 SIG1,SIG2,SIG3= 14580. 7184.6 -500.00 S.I.= 15080. SIGE= 13061. BOT SX,SY,SXY,SZ= 15942. 8259.4 -92.994 -1000.0 SIG1,SIG2,SIG3= 15943. 8258.2 -1000.0 S.I.= 16943. SIGE= 14694.									
EL= 616 NODES= 72 73 133 132 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 8.366 -14.30 .3750 PRESS= 1000.0 0. MX,MY,MXY= -53.164 -149.01 -13952 TOP SX,SY,SXY,SZ= 14168. 6706.6 231.57 0. SIG1,SIG2,SIG3= 14175. 6699.4 -.29194E-07 S.I.= 14175. SIGE= 12282. MID SX,SY,SXY,SZ= 14604. 7929.6 232.71 -500.00 SIG1,SIG2,SIG3= 14612. 7921.5 -500.00 S.I.= 15112. SIGE= 13116. BOT SX,SY,SXY,SZ= 15041. 9152.7 233.86 -1000.0 SIG1,SIG2,SIG3= 15050. 9143.4 -1000.0 S.I.= 16050. SIGE= 14060.									
EL= 617 NODES= 104 105 165 164 MAT= 1 AREA= .823 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -16.26 -1.976 .3750 PRESS= 1000.0 0. MX,MY,MXY= -302.39 -182.72 -49335 TOP SX,SY,SXY,SZ= 13194. 6296.1 -71.245 0. SIG1,SIG2,SIG3= 13195. 6295.3 -.27000E-07 S.I.= 13195. SIGE= 11431. MID SX,SY,SXY,SZ= 14764. 7244.8 -73.807 -500.00 SIG1,SIG2,SIG3= 14765. 7244.1 -500.00 S.I.= 15265. SIGE= 13220. BOT SX,SY,SXY,SZ= 16334. 8193.5 -76.368 -1000.0 SIG1,SIG2,SIG3= 16335. 8192.8 -1000.0 S.I.= 17335. SIGE= 15021.									
EL= 618 NODES= 103 104 164 163 MAT= 1 AREA= .909 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -16.30 1.469 .3750 PRESS= 1000.0 0. MX,MY,MXY= -277.49 -129.81 -4.7584 TOP SX,SY,SXY,SZ= 13512. 6712.4 -104.83 0. SIG1,SIG2,SIG3= 13514. 6710.8 -.26595E-07 S.I.= 13514. SIGE= 11704. MID SX,SY,SXY,SZ= 14953. 7386.4 -80.120 -500.00 SIG1,SIG2,SIG3= 14954. 7385.5 -500.00 S.I.= 15454. SIGE= 13384. BOT SX,SY,SXY,SZ= 16394. 8060.4 -55.414 -1000.0 SIG1,SIG2,SIG3= 16394. 8060.0 -1000.0 S.I.= 17394. SIGE= 15068.									
EL= 619 NODES= 73 74 134 133 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 9.184 -13.79 .3750 PRESS= 1000.0 0. MX,MY,MXY= -60.752 -151.38 -2.6408 TOP SX,SY,SXY,SZ= 14142. 6659.6 242.35 0. SIG1,SIG2,SIG3= 14150. 6651.8 -.29342E-07 S.I.= 14150. SIGE= 12261. MID SX,SY,SXY,SZ= 14641. 7902.1 264.03 -500.00 SIG1,SIG2,SIG3= 14651. 7891.8 -500.00 S.I.= 15151. SIGE= 13147. BOT SX,SY,SXY,SZ= 15139. 9144.6 285.70 -1000.0 SIG1,SIG2,SIG3= 15153. 9131.0 -1000.0 S.I.= 16153. SIGE= 14139.									
EL= 620 NODES= 74 75 135 134 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 9.971 -13.23 .3750 PRESS= 1000.0 0. MX,MY,MXY= -75.802 -157.25 -5.1208 TOP SX,SY,SXY,SZ= 14060. 6595.3 248.77 0. SIG1,SIG2,SIG3= 14068. 6587.0 -.29247E-07 S.I.= 14068. SIGE= 12192. MID SX,SY,SXY,SZ= 14682. 7885.9 290.80 -500.00 SIG1,SIG2,SIG3= 14695. 7875.5 -500.00 S.I.= 15195. SIGE= 13182. BOT SX,SY,SXY,SZ= 15304. 9176.6 332.83 -1000.0 SIG1,SIG2,SIG3= 15323. 9158.5 -1000.0 S.I.= 16323. SIGE= 14276.									
EL= 621 NODES= 75 76 136 135 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									



XC, YC, ZC= 10.72 -12.63 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -98.102 -166.45 -7.6294  
 TOP SX, SY, SKY, SZ= 13924. 6516.7 248.43 0. SIG1, SIG2, SIG3= 13932. 6508.4 -.29063E-07  
 S.I.= 13932. SIGE= 12074.  
 MID SX, SY, SKY, SZ= 14729. 7882.9 311.05 -500.00 SIG1, SIG2, SIG3= 14743. 7868.7 -500.00  
 S.I.= 15243. SIGE= 13222.  
 BOT SX, SY, SKY, SZ= 15534. 9249.0 373.67 -1000.0 SIG1, SIG2, SIG3= 15557. 9226.8 -1000.0  
 S.I.= 16557. SIGE= 14470.

EL= 622 NODES= 76 77 137 136 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 11.44 -11.98 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -127.37 -178.73 -10.200  
 TOP SX, SY, SKY, SZ= 13736. 6428.0 239.08 0. SIG1, SIG2, SIG3= 13744. 6420.2 -.28646E-07  
 S.I.= 13744. SIGE= 11911.  
 MID SX, SY, SKY, SZ= 14781. 7895.0 322.80 -500.00 SIG1, SIG2, SIG3= 14796. 7879.9 -500.00  
 S.I.= 15296. SIGE= 13267.  
 BOT SX, SY, SKY, SZ= 15827. 9361.9 406.51 -1000.0 SIG1, SIG2, SIG3= 15852. 9336.4 -1000.0  
 S.I.= 16852. SIGE= 14719.

EL= 623 NODES= 77 78 138 137 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 12.12 -11.30 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -163.29 -193.80 -12.827  
 TOP SX, SY, SKY, SZ= 13499. 6334.4 219.87 0. SIG1, SIG2, SIG3= 13506. 6327.6 -.28079E-07  
 S.I.= 13506. SIGE= 11704.  
 MID SX, SY, SKY, SZ= 14839. 7925.0 325.15 -500.00 SIG1, SIG2, SIG3= 14854. 7909.7 -500.00  
 S.I.= 15354. SIGE= 13317.  
 BOT SX, SY, SKY, SZ= 16179. 9515.6 430.42 -1000.0 SIG1, SIG2, SIG3= 16207. 9487.9 -1000.0  
 S.I.= 17207. SIGE= 15020.

EL= 624 NODES= 78 79 139 138 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 12.76 -10.57 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -205.46 -211.24 -15.448  
 TOP SX, SY, SKY, SZ= 13215. 6240.3 190.42 0. SIG1, SIG2, SIG3= 13221. 6235.1 -.27278E-07  
 S.I.= 13221. SIGE= 11456.  
 MID SX, SY, SKY, SZ= 14902. 7974.0 317.21 -500.00 SIG1, SIG2, SIG3= 14916. 7959.5 -500.00  
 S.I.= 15416. SIGE= 13372.  
 BOT SX, SY, SKY, SZ= 16588. 9707.8 444.00 -1000.0 SIG1, SIG2, SIG3= 16617. 9679.2 -1000.0  
 S.I.= 17617. SIGE= 15371.

EL= 625 NODES= 79 80 140 139 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 13.35 -9.810 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -253.54 -230.83 -17.945  
 TOP SX, SY, SKY, SZ= 12892. 6151.4 153.35 0. SIG1, SIG2, SIG3= 12895. 6147.9 -.26381E-07  
 S.I.= 12895. SIGE= 11172.  
 MID SX, SY, SKY, SZ= 14973. 8046.0 300.63 -500.00 SIG1, SIG2, SIG3= 14986. 8033.0 -500.00  
 S.I.= 15486. SIGE= 13434.  
 BOT SX, SY, SKY, SZ= 17054. 9940.6 447.91 -1000.0 SIG1, SIG2, SIG3= 17082. 9912.5 -1000.0  
 S.I.= 18082. SIGE= 15771.

EL= 626 NODES= 80 81 141 140 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 13.90 -9.017 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -307.17 -252.30 -20.335  
 TOP SX, SY, SKY, SZ= 12526. 6061.2 111.07 0. SIG1, SIG2, SIG3= 12528. 6059.3 -.25254E-07  
 S.I.= 12528. SIGE= 10851.  
 MID SX, SY, SKY, SZ= 15047. 8132.0 277.98 -500.00 SIG1, SIG2, SIG3= 15058. 8120.9 -500.00  
 S.I.= 15558. SIGE= 13500.  
 BOT SX, SY, SKY, SZ= 17568. 10203. 444.88 -1000.0 SIG1, SIG2, SIG3= 17595. 10176. -1000.0  
 S.I.= 18595. SIGE= 16213.

EL= 627 NODES= 81 82 142 141 MAT= 1 AREA= .241 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63  
 XC, YC, ZC= 14.40 -8.193 .3750 PRESS= 1000.0 0.  
 MX, MY, MXY= -366.97 -275.63 -23.302  
 TOP SX, SY, SKY, SZ= 12143. 5981.8 61.798 0. SIG1, SIG2, SIG3= 12144. 5981.2 -.24073E-07  
 S.I.= 12144. SIGE= 10517.

MID	SX,SY,SKY,SZ=	15155.	8244.1	253.05	-500.00	SIG1,SIG2,SIG3=	15164.	8234.8	-500.00
	S.I.=	15684.	SIGE=	13596.					
BOT	SX,SY,SKY,SZ=	18167.	10506.	444.31	-1000.0	SIG1,SIG2,SIG3=	18193.	10481.	-1000.0
	S.I.=	15193.	SIGE=	16728.					
EL= 528 NODES= 82 83 143 142 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -7.341 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -434.11 -292.05 -27.814									
TOP	SX,SY,SKY,SZ=	11676.	5938.8	-8.4235	0.	SIG1,SIG2,SIG3=	11676.	5938.8	-.22483E-07
	S.I.=	11676.	SIGE=	10112.					
MID	SX,SY,SKY,SZ=	15239.	8335.8	219.86	-500.00	SIG1,SIG2,SIG3=	15246.	8328.8	-500.00
	S.I.=	15746.	SIGE=	13670.					
BOT	SX,SY,SKY,SZ=	18802.	10733.	448.15	-1000.0	SIG1,SIG2,SIG3=	18827.	10708.	-1000.0
	S.I.=	19827.	SIGE=	17264.					
EL= 629 NODES= 83 84 144 143 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 -6.464 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -508.26 -279.73 -19.725									
TOP	SX,SY,SKY,SZ=	11438.	6092.9	48.164	0.	SIG1,SIG2,SIG3=	11438.	6092.5	-.20886E-07
	S.I.=	11438.	SIGE=	9912.7					
MID	SX,SY,SKY,SZ=	15609.	8388.9	210.06	-500.00	SIG1,SIG2,SIG3=	15615.	8382.7	-500.00
	S.I.=	16115.	SIGE=	13981.					
BOT	SX,SY,SKY,SZ=	19781.	10685.	371.96	-1000.0	SIG1,SIG2,SIG3=	19796.	10670.	-1000.0
	S.I.=	20796.	SIGE=	18055.					
EL= 630 NODES= 84 85 145 144 MAT= 1 AREA= .239 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -5.554 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -54.463 -92.310 -9.3483									
TOP	SX,SY,SKY,SZ=	14521.	7186.7	127.96	0.	SIG1,SIG2,SIG3=	14523.	7184.4	-.28709E-07
	S.I.=	14523.	SIGE=	12578.					
MID	SX,SY,SKY,SZ=	14872.	7781.4	188.19	-500.00	SIG1,SIG2,SIG3=	14877.	7776.4	-500.00
	S.I.=	15377.	SIGE=	13330.					
BOT	SX,SY,SKY,SZ=	15223.	8376.2	248.43	-1000.0	SIG1,SIG2,SIG3=	15232.	8367.2	-1000.0
	S.I.=	16232.	SIGE=	14113.					
EL= 631 NODES= 85 86 146 145 MAT= 1 AREA= .306 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -4.498 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 717.68 105.69 -25.541									
TOP	SX,SY,SKY,SZ=	18150.	7828.4	-10.001	0.	SIG1,SIG2,SIG3=	18150.	7828.4	-.40398E-07
	S.I.=	18150.	SIGE=	15768.					
MID	SX,SY,SKY,SZ=	14424.	7279.7	122.61	-500.00	SIG1,SIG2,SIG3=	14426.	7277.6	-500.00
	S.I.=	14926.	SIGE=	12930.					
BOT	SX,SY,SKY,SZ=	10698.	6730.9	255.22	-1000.0	SIG1,SIG2,SIG3=	10714.	6714.6	-1000.0
	S.I.=	11714.	SIGE=	10313.					
EL= 632 NODES= 86 87 147 146 MAT= 1 AREA= .338 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.13 -3.248 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 573.24 98.895 -18.880									
TOP	SX,SY,SKY,SZ=	17739.	7865.0	-18.301	0.	SIG1,SIG2,SIG3=	17739.	7864.9	-.38601E-07
	S.I.=	17739.	SIGE=	15396.					
MID	SX,SY,SKY,SZ=	14763.	7351.5	79.722	-500.00	SIG1,SIG2,SIG3=	14764.	7350.6	-500.00
	S.I.=	15264.	SIGE=	13221.					
BOT	SX,SY,SKY,SZ=	11787.	6838.0	177.74	-1000.0	SIG1,SIG2,SIG3=	11793.	6831.7	-1000.0
	S.I.=	12793.	SIGE=	11172.					
EL= 633 NODES= 87 88 148 147 MAT= 1 AREA= .373 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.34 -1.840 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 439.72 74.687 -1.7549									
TOP	SX,SY,SKY,SZ=	17151.	7855.7	42.398	0.	SIG1,SIG2,SIG3=	17151.	7855.5	-.36377E-07
	S.I.=	17151.	SIGE=	14871.					
MID	SX,SY,SKY,SZ=	14868.	7468.0	51.509	-500.00	SIG1,SIG2,SIG3=	14868.	7467.6	-500.00
	S.I.=	15368.	SIGE=	13312.					
BOT	SX,SY,SKY,SZ=	12585.	7080.2	60.620	-1000.0	SIG1,SIG2,SIG3=	12585.	7079.5	-1000.0
	S.I.=	13585.	SIGE=	11836.					

EL= 634	NODES= 88 89 149 148	MAT= 1	AREA= .412	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.44	-.2740 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= 312.34	48.553 13.309				
TOP SX,SY,SKY,SZ= 16628.	7861.5	88.909	0.	SIG1,SIG2,SIG3= 16629.	7861.5 -3.4234E-07
S.I.= 16629.	SIGE= 14408.				
MID SX,SY,SKY,SZ= 15006.	7609.4	19.809	-500.00	SIG1,SIG2,SIG3= 15006.	7609.4 -500.00
S.I.= 15506.	SIGE= 13434.				
BOT SX,SY,SKY,SZ= 13385.	7357.3	-49.291	-1000.0	SIG1,SIG2,SIG3= 13385.	7356.9 -1000.0
S.I.= 14385.	SIGE= 12512.				
EL= 635	NODES= 89 90 150 149	MAT= 1	AREA= .455	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.37	1.457 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= 197.43	31.545 28.910				
TOP SX,SY,SKY,SZ= 16149.	7890.8	133.62	0.	SIG1,SIG2,SIG3= 16151.	7888.6 -.32300E-07
S.I.= 16151.	SIGE= 13988.				
MID SX,SY,SKY,SZ= 15124.	7727.0	-16.484	-500.00	SIG1,SIG2,SIG3= 15124.	7727.0 -500.00
S.I.= 15624.	SIGE= 13537.				
BOT SX,SY,SKY,SZ= 14099.	7563.2	-166.58	-1000.0	SIG1,SIG2,SIG3= 14103.	7559.0 -1000.0
S.I.= 15103.	SIGE= 13118.				
EL= 636	NODES= 90 91 151 150	MAT= 1	AREA= .502	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.09	3.347 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= 101.01	19.853 44.400				
TOP SX,SY,SKY,SZ= 15775.	7927.6	178.01	0.	SIG1,SIG2,SIG3= 15779.	7923.5 -.30712E-07
S.I.= 15779.	SIGE= 13665.				
MID SX,SY,SKY,SZ= 15251.	7824.5	-52.517	-500.00	SIG1,SIG2,SIG3= 15251.	7824.1 -500.00
S.I.= 15251.	SIGE= 13648.				
BOT SX,SY,SKY,SZ= 14726.	7721.4	-283.04	-1000.0	SIG1,SIG2,SIG3= 14738.	7710.0 -1000.0
S.I.= 15738.	SIGE= 13655.				
EL= 637	NODES= 91 92 152 151	MAT= 1	AREA= .555	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.52	5.379 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= 30.698	15.320 57.403				
TOP SX,SY,SKY,SZ= 15531.	7960.8	218.92	0.	SIG1,SIG2,SIG3= 15537.	7954.5 -.29740E-07
S.I.= 15537.	SIGE= 13457.				
MID SX,SY,SKY,SZ= 15371.	7881.3	-79.118	-500.00	SIG1,SIG2,SIG3= 15372.	7880.5 -500.00
S.I.= 15872.	SIGE= 13753.				
BOT SX,SY,SKY,SZ= 15212.	7801.7	-377.16	-1000.0	SIG1,SIG2,SIG3= 15231.	7782.6 -1000.0
S.I.= 16231.	SIGE= 14072.				
EL= 638	NODES= 92 93 153 152	MAT= 1	AREA= .612	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.60	7.516 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= -10.281	15.104 64.614				
TOP SX,SY,SKY,SZ= 15433.	7960.4	256.67	0.	SIG1,SIG2,SIG3= 15442.	7951.6 -.29334E-07
S.I.= 15442.	SIGE= 13375.				
MID SX,SY,SKY,SZ= 15487.	7882.0	-78.801	-500.00	SIG1,SIG2,SIG3= 15487.	7881.1 -500.00
S.I.= 15987.	SIGE= 13851.				
BOT SX,SY,SKY,SZ= 15540.	7803.5	-414.28	-1000.0	SIG1,SIG2,SIG3= 15562.	7781.4 -1000.0
S.I.= 16562.	SIGE= 14352.				
EL= 639	NODES= 93 94 154 153	MAT= 1	AREA= .676	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.24	9.695 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= -25.970	15.510 62.586				
TOP SX,SY,SKY,SZ= 15458.	7884.5	284.28	0.	SIG1,SIG2,SIG3= 15469.	7873.8 -.29711E-07
S.I.= 15469.	SIGE= 13397.				
MID SX,SY,SKY,SZ= 15593.	7803.9	-40.663	-500.00	SIG1,SIG2,SIG3= 15593.	7803.7 -500.00
S.I.= 16093.	SIGE= 13939.				
BOT SX,SY,SKY,SZ= 15728.	7723.4	-365.61	-1000.0	SIG1,SIG2,SIG3= 15744.	7706.7 -1000.0
S.I.= 16744.	SIGE= 14505.				
EL= 640	NODES= 94 95 155 154	MAT= 1	AREA= .748	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.36	11.82 .3750	PRESS= 1000.0	0.		
MX,MY,MXY= -29.837	11.300 49.683				



TOP	SX,SY,SKY,SZ=	15538.	7696.3	292.07	0.	SIG1,SIG2,SIG3=	15548.	7685.4	-.30672E-07
	S.I.=	15548.	SIGE=	13466.					
MID	SX,SY,SKY,SZ=	15692.	7637.6	34.115	-500.00	SIG1,SIG2,SIG3=	15693.	7637.5	-500.00
	S.I.=	16193.	SIGE=	14023.					
BOT	SX,SY,SKY,SZ=	15847.	7579.0	-223.84	-1000.0	SIG1,SIG2,SIG3=	15853.	7572.9	-1000.0
	S.I.=	16853.	SIGE=	14596.					
EL= 641 NODES= 95 96 156 155 MAT= 1 AREA= .823 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.905 13.75 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -39.170 .69776 28.089									
TOP	SX,SY,SKY,SZ=	15582.	7402.8	272.00	0.	SIG1,SIG2,SIG3=	15591.	7393.8	-.32052E-07
	S.I.=	15591.	SIGE=	13508.					
MID	SX,SY,SKY,SZ=	15785.	7399.2	126.17	-500.00	SIG1,SIG2,SIG3=	15787.	7397.3	-500.00
	S.I.=	16287.	SIGE=	14107.					
BOT	SX,SY,SKY,SZ=	15988.	7395.6	-19.670	-1000.0	SIG1,SIG2,SIG3=	15988.	7395.6	-1000.0
	S.I.=	16988.	SIGE=	14713.					
EL= 642 NODES= 96 97 157 156 MAT= 1 AREA= .909 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 5.824 15.29 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -61.587 -10.962 4.0835									
TOP	SX,SY,SKY,SZ=	15543.	7074.5	226.22	0.	SIG1,SIG2,SIG3=	15549.	7068.5	-.33187E-07
	S.I.=	15549.	SIGE=	13484.					
MID	SX,SY,SKY,SZ=	15863.	7131.4	205.02	-500.00	SIG1,SIG2,SIG3=	15868.	7126.6	-500.00
	S.I.=	16368.	SIGE=	14186.					
BOT	SX,SY,SKY,SZ=	16183.	7188.3	183.81	-1000.0	SIG1,SIG2,SIG3=	16186.	7184.6	-1000.0
	S.I.=	17186.	SIGE=	14889.					
EL= 643 NODES= 97 98 158 157 MAT= 1 AREA= 1.00 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 2.137 16.20 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -75.997 -10.748 -14.945									
TOP	SX,SY,SKY,SZ=	15509.	6816.5	158.98	0.	SIG1,SIG2,SIG3=	15512.	6813.6	-.34024E-07
	S.I.=	15512.	SIGE=	13467.					
MID	SX,SY,SKY,SZ=	15904.	6872.3	236.57	-500.00	SIG1,SIG2,SIG3=	15910.	6866.1	-500.00
	S.I.=	16410.	SIGE=	14236.					
BOT	SX,SY,SKY,SZ=	16298.	6928.1	314.17	-1000.0	SIG1,SIG2,SIG3=	16309.	6917.6	-1000.0
	S.I.=	17309.	SIGE=	15008.					
EL= 644 NODES= 98 99 159 158 MAT= 1 AREA= 1.11 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.048 16.18 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= -15.937 18.901 -25.282									
TOP	SX,SY,SKY,SZ=	15791.	6752.1	39.455	0.	SIG1,SIG2,SIG3=	15791.	6751.9	-.35371E-07
	S.I.=	15791.	SIGE=	13723.					
MID	SX,SY,SKY,SZ=	15873.	6653.9	170.72	-500.00	SIG1,SIG2,SIG3=	15876.	6650.8	-500.00
	S.I.=	16376.	SIGE=	14220.					
BOT	SX,SY,SKY,SZ=	15956.	6555.8	301.98	-1000.0	SIG1,SIG2,SIG3=	15966.	6546.1	-1000.0
	S.I.=	16966.	SIGE=	14723.					
EL= 645 NODES= 99 100 160 159 MAT= 1 AREA= 1.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -6.484 14.93 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 219.98 99.537 -28.475									
TOP	SX,SY,SKY,SZ=	16871.	7146.2	-187.39	0.	SIG1,SIG2,SIG3=	16875.	7142.6	-.38120E-07
	S.I.=	16875.	SIGE=	14671.					
MID	SX,SY,SKY,SZ=	15729.	6629.4	-59.543	-500.00	SIG1,SIG2,SIG3=	15729.	6629.2	-500.00
	S.I.=	16229.	SIGE=	14089.					
BOT	SX,SY,SKY,SZ=	14587.	6112.6	108.30	-1000.0	SIG1,SIG2,SIG3=	14588.	6111.2	-1000.0
	S.I.=	15588.	SIGE=	13517.					
EL= 646 NODES= 100 101 161 160 MAT= 1 AREA= 1.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -10.58 12.37 .3750 PRESS= 1000.0 0.									
MX,MY,MXY= 252.21 111.85 -27.645									
TOP	SX,SY,SKY,SZ=	16821.	7526.5	-392.14	0.	SIG1,SIG2,SIG3=	16837.	7510.0	-.36572E-07
	S.I.=	16837.	SIGE=	14610.					
MID	SX,SY,SKY,SZ=	15511.	6945.8	-248.61	-500.00	SIG1,SIG2,SIG3=	15518.	6938.6	-500.00
	S.I.=	16018.	SIGE=	13884.					



EL= 647	NODES= 101 102 162 161	MAT= 1	AREA= 1.11	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65 8.935 .3750	PRESS=	1000.0 0.		
MX, MY, MXY=	4.9943 27.321 -23.250				
TOP SX, SY, SKY, SZ=	15354. 7487.9 -377.95 0.	SIG1, SIG2, SIG3=	15354. 7487.9 -30811E-07		
S.I.=	15354. SIGE= 13299.				
MID SX, SY, SKY, SZ=	13310. 7346.1 -257.23 -500.00	SIG1, SIG2, SIG3=	15319. 7337.8 -500.00		
S.I.=	13819. SIGE= 13699.				
BOT SX, SY, SKY, SZ=	15284. 7204.2 -136.52 -1000.0	SIG1, SIG2, SIG3=	15287. 7201.9 -1000.0		
S.I.=	16287. SIGE= 14105.				
EL= 648	NODES= 102 103 163 162	MAT= 1	AREA= 1.00	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50 5.181 .3750	PRESS=	1000.0 0.		
MX, MY, MXY=	-172.38 -54.936 -14.646				
TOP SX, SY, SKY, SZ=	14237. 7198.7 -228.82 0.	SIG1, SIG2, SIG3=	14245. 7191.3 -.27566E-07		
S.I.=	14245. SIGE= 12336.				
MID SX, SY, SKY, SZ=	15132. 7483.9 -152.78 -500.00	SIG1, SIG2, SIG3=	15135. 7480.9 -500.00		
S.I.=	15635. SIGE= 13542.				
BOT SX, SY, SKY, SZ=	16027. 7769.2 -76.735 -1000.0	SIG1, SIG2, SIG3=	16028. 7768.5 -1000.0		
S.I.=	17028. SIGE= 14749.				
EL= 649	NODES= 121 122 182 181	MAT= 1	AREA= .239	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-1.825 -16.41 .6250	PRESS=	1000.0 0.		
MX, MY, MXY=	96.725 -98.383 28.853				
TOP SX, SY, SKY, SZ=	14549. 7109.1 522.74 0.	SIG1, SIG2, SIG3=	14586. 7072.5 -.29385E-07		
S.I.=	14586. SIGE= 12634.				
MID SX, SY, SKY, SZ=	13991. 7676.4 356.35 -500.00	SIG1, SIG2, SIG3=	14012. 7656.4 -500.00		
S.I.=	14512. SIGE= 12600.				
BOT SX, SY, SKY, SZ=	13434. 8243.8 189.95 -1000.0	SIG1, SIG2, SIG3=	13441. 8236.9 -1000.0		
S.I.=	14441. SIGE= 12667.				
EL= 650	NODES= 122 123 183 182	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.752 -16.54 .6250	PRESS=	1000.0 0.		
MX, MY, MXY=	-516.16 -268.08 26.879				
TOP SX, SY, SKY, SZ=	11198. 6063.8 374.37 0.	SIG1, SIG2, SIG3=	11226. 6036.7 -.20290E-07		
S.I.=	11226. SIGE= 9730.8				
MID SX, SY, SKY, SZ=	14524. 7791.1 201.19 -500.00	SIG1, SIG2, SIG3=	14530. 7785.1 -500.00		
S.I.=	15030. SIGE= 13039.				
BOT SX, SY, SKY, SZ=	17850. 9518.4 28.004 -1000.0	SIG1, SIG2, SIG3=	17850. 9518.3 -1000.0		
S.I.=	18850. SIGE= 16361.				
EL= 651	NODES= 174 121 181 234	MAT= 1	AREA= .306	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.894 -16.19 .6250	PRESS=	1000.0 0.		
MX, MY, MXY=	864.19 92.025 35.703				
TOP SX, SY, SKY, SZ=	18145. 8092.4 313.55 0.	SIG1, SIG2, SIG3=	18155. 8082.6 -.39420E-07		
S.I.=	18155. SIGE= 15754.				
MID SX, SY, SKY, SZ=	13658. 7614.6 128.18 -500.00	SIG1, SIG2, SIG3=	13661. 7611.9 -500.00		
S.I.=	14161. SIGE= 12307.				
BOT SX, SY, SKY, SZ=	9171.5 7136.8 -57.185 -1000.0	SIG1, SIG2, SIG3=	9173.1 7135.2 -1000.0		
S.I.=	10173. SIGE= 9322.7				
EL= 652	NODES= 123 124 184 183	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	.8805E-01 -16.57 .6250	PRESS=	1000.0 0.		
MX, MY, MXY=	-426.78 -263.26 40.247				
TOP SX, SY, SKY, SZ=	11581. 5986.0 334.22 0.	SIG1, SIG2, SIG3=	11601. 5966.1 -.22053E-07		
S.I.=	11601. SIGE= 10048.				
MID SX, SY, SKY, SZ=	14331. 7682.2 74.902 -500.00	SIG1, SIG2, SIG3=	14332. 7681.4 -500.00		
S.I.=	14832. SIGE= 12867.				
BOT SX, SY, SKY, SZ=	17080. 9378.5 -184.41 -1000.0	SIG1, SIG2, SIG3=	17085. 9374.1 -1000.0		
S.I.=	18085. SIGE= 15718.				
EL= 653	NODES= 173 174 234 233	MAT= 1	AREA= .338	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 654	NODES= 124 125 185 184	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -4.152 -15.92 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= 724.61 65.619 28.019					
TOP SX, SY, SKY, SZ= 17602. 8044.1 125.75 0.	SIG1, SIG2, SIG3= 17604. 8042.4 -.37396E-07				
S.I.= 17604. SIGE= 15264.					
MID SX, SY, SKY, SZ= 13840. 7703.4 -19.720 -500.00	SIG1, SIG2, SIG3= 13840. 7703.3 -500.00				
S.I.= 14340. SIGE= 12462.					
BOT SX, SY, SKY, SZ= 10078. 7362.7 -165.19 -1000.0	SIG1, SIG2, SIG3= 10088. 7352.7 -1000.0				
S.I.= 11088. SIGE= 10005.					
EL= 655	NODES= 172 173 233 232	MAT= 1	AREA= .373	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 1.052 -16.53 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= -344.19 -245.89 36.803					
TOP SX, SY, SKY, SZ= 12066. 5997.4 316.55 0.	SIG1, SIG2, SIG3= 12083. 5980.9 -.23899E-07				
S.I.= 12033. SIGE= 10464.					
MID SX, SY, SKY, SZ= 14284. 7581.7 79.424 -500.00	SIG1, SIG2, SIG3= 14285. 7580.8 -500.00				
S.I.= 14785. SIGE= 12823.					
BOT SX, SY, SKY, SZ= 16502. 9166.0 -157.70 -1000.0	SIG1, SIG2, SIG3= 16505. 9162.7 -1000.0				
S.I.= 17505. SIGE= 15225.					
EL= 656	NODES= 125 126 186 185	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -5.510 -15.50 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= 582.58 29.454 9.5952					
TOP SX, SY, SKY, SZ= 16919. 7920.4 -18.896 0.	SIG1, SIG2, SIG3= 16919. 7920.3 -.35254E-07				
S.I.= 16919. SIGE= 14663.					
MID SX, SY, SKY, SZ= 13895. 7767.5 -68.714 -500.00	SIG1, SIG2, SIG3= 13895. 7766.7 -500.00				
S.I.= 14395. SIGE= 12513.					
BOT SX, SY, SKY, SZ= 10870. 7614.5 -118.53 -1000.0	SIG1, SIG2, SIG3= 10874. 7610.2 -1000.0				
S.I.= 11874. SIGE= 10625.					
EL= 657	NODES= 125 126 186 185	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.012 -16.44 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= -272.53 -221.33 31.513					
TOP SX, SY, SKY, SZ= 12502. 6052.6 267.23 0.	SIG1, SIG2, SIG3= 12513. 6041.5 -.25318E-07				
S.I.= 12513. SIGE= 10839.					
MID SX, SY, SKY, SZ= 14258. 7478.6 64.187 -500.00	SIG1, SIG2, SIG3= 14259. 7478.0 -500.00				
S.I.= 14759. SIGE= 12795.					
BOT SX, SY, SKY, SZ= 16014. 8904.7 -136.85 -1000.0	SIG1, SIG2, SIG3= 16017. 8902.0 -1000.0				
S.I.= 17017. SIGE= 14803.					
EL= 658	NODES= 126 127 187 186	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.961 -14.90 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= 440.12 -14.702 -8.1185					
TOP SX, SY, SKY, SZ= 16237. 7718.9 -173.98 0.	SIG1, SIG2, SIG3= 16240. 7715.3 -.33313E-07				
S.I.= 16240. SIGE= 14070.					
MID SX, SY, SKY, SZ= 13952. 7795.2 -131.83 -500.00	SIG1, SIG2, SIG3= 13955. 7792.4 -500.00				
S.I.= 14455. SIGE= 12563.					
BOT SX, SY, SKY, SZ= 11667. 7871.5 -89.674 -1000.0	SIG1, SIG2, SIG3= 11669. 7869.4 -1000.0				
S.I.= 12669. SIGE= 11261.					
EL= 659	NODES= 126 127 187 186	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.966 -16.30 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= -210.99 -198.99 26.698					
TOP SX, SY, SKY, SZ= 12887. 6105.8 240.65 0.	SIG1, SIG2, SIG3= 12896. 6097.3 -.26624E-07				
S.I.= 12896. SIGE= 11174.					
MID SX, SY, SKY, SZ= 14247. 7387.9 68.637 -500.00	SIG1, SIG2, SIG3= 14247. 7387.2 -500.00				
S.I.= 14747. SIGE= 12782.					
BOT SX, SY, SKY, SZ= 15606. 8670.0 -103.38 -1000.0	SIG1, SIG2, SIG3= 15608. 8668.4 -1000.0				
S.I.= 16608. SIGE= 14447.					
EL= 659	NODES= 170 171 231 230	MAT= 1	AREA= .455	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.487 -14.08 .6250	PRESS= 1000.0 0.				
MX, MY, MXY= 300.37 -58.949 -22.350					
TOP SX, SY, SKY, SZ= 15567. 7454.2 -284.30 0.	SIG1, SIG2, SIG3= 15577. 7444.2 -.31828E-07				
S.I.= 15577. SIGE= 13494.					

EL = 600	NODES = 127 128 188 187	MAT = 1	AREA = .241	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = 3.202	-16.10 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = -159.28	-180.22 21.848					
TOP SX, SY, SKY, SZ = 13222.	6145.7	217.76	0.	SIG1, SIG2, SIG3 = 13229.	6139.0	-.27786E-07
S.I. = 13229.	SIGE = 11867.					
MID SX, SY, SKY, SZ = 14249.	7306.9	76.992	-500.00	SIG1, SIG2, SIG3 = 14249.	7306.0	-500.00
S.I. = 14749.	SIGE = 12781.					
BOT SX, SY, SKY, SZ = 15275.	8468.1	-63.774	-1000.0	SIG1, SIG2, SIG3 = 15275.	8467.5	-1000.0
S.I. = 16275.	SIGE = 14158.					
EL = 601	NODES = 169 170 230 229	MAT = 1	AREA = .502	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = -10.36	-12.99 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = 166.17	-101.28 -30.899					
TOP SX, SY, SKY, SZ = 14938.	7140.7	-351.48	0.	SIG1, SIG2, SIG3 = 14954.	7124.9	-.30702E-07
S.I. = 14954.	SIGE = 12955.					
MID SX, SY, SKY, SZ = 14075.	7666.5	-191.06	-500.00	SIG1, SIG2, SIG3 = 14081.	7560.8	-500.00
S.I. = 14581.	SIGE = 12658.					
BOT SX, SY, SKY, SZ = 13213.	8192.3	-30.634	-1000.0	SIG1, SIG2, SIG3 = 13213.	8192.1	-1000.0
S.I. = 14213.	SIGE = 12484.					
EL = 602	NODES = 128 129 189 188	MAT = 1	AREA = .241	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = 4.840	-15.84 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = -117.61	-164.78 17.013					
TOP SX, SY, SKY, SZ = 13499.	6174.1	202.98	0.	SIG1, SIG2, SIG3 = 13505.	6168.5	-.28680E-07
S.I. = 13505.	SIGE = 11710.					
MID SX, SY, SKY, SZ = 14257.	7235.8	93.368	-500.00	SIG1, SIG2, SIG3 = 14258.	7234.6	-500.00
S.I. = 14758.	SIGE = 12786.					
BOT SX, SY, SKY, SZ = 15015.	8297.5	-16.249	-1000.0	SIG1, SIG2, SIG3 = 15015.	8297.5	-1000.0
S.I. = 16015.	SIGE = 13929.					
EL = 603	NODES = 168 169 229 228	MAT = 1	AREA = .555	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = -11.64	-11.59 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = 39.488	-140.48 -31.738					
TOP SX, SY, SKY, SZ = 14367.	6797.0	-355.23	0.	SIG1, SIG2, SIG3 = 14383.	6780.4	-.29680E-07
S.I. = 14383.	SIGE = 12463.					
MID SX, SY, SKY, SZ = 14162.	7526.4	-190.45	-500.00	SIG1, SIG2, SIG3 = 14167.	7520.9	-500.00
S.I. = 14667.	SIGE = 12721.					
BOT SX, SY, SKY, SZ = 13957.	8255.7	-25.665	-1000.0	SIG1, SIG2, SIG3 = 13957.	8255.6	-1000.0
S.I. = 14957.	SIGE = 13074.					
EL = 604	NODES = 129 130 190 189	MAT = 1	AREA = .241	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = 5.753	-15.53 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = -86.279	-152.97 12.323					
TOP SX, SY, SKY, SZ = 13716.	6189.7	194.38	0.	SIG1, SIG2, SIG3 = 13721.	6184.6	-.29506E-07
S.I. = 13721.	SIGE = 11902.					
MID SX, SY, SKY, SZ = 14272.	7175.3	114.99	-500.00	SIG1, SIG2, SIG3 = 14274.	7173.4	-500.00
S.I. = 14774.	SIGE = 12798.					
BOT SX, SY, SKY, SZ = 14828.	8160.9	35.591	-1000.0	SIG1, SIG2, SIG3 = 14828.	8160.7	-1000.0
S.I. = 15828.	SIGE = 13764.					
EL = 605	NODES = 167 168 228 227	MAT = 1	AREA = .612	TTOP, TBOT = 0.0 0.0	QUAD SHELL 63	
X, Y, Z = -13.15	-9.824 .6250	PRESS = 1000.0	0.			
MX, MY, MXY = -77.483	-173.42 -25.015					
TOP SX, SY, SKY, SZ = 13867.	6459.9	-301.13	0.	SIG1, SIG2, SIG3 = 13879.	6457.7	-.28993E-07
S.I. = 13879.	SIGE = 12030.					
MID SX, SY, SKY, SZ = 14270.	7370.3	-171.25	-500.00	SIG1, SIG2, SIG3 = 14274.	7366.0	-500.00
S.I. = 14774.	SIGE = 12803.					
BOT SX, SY, SKY, SZ = 14672.	8270.7	-41.377	-1000.0	SIG1, SIG2, SIG3 = 14672.	8270.4	-1000.0
S.I. = 15672.	SIGE = 13648.					

EL= 666 NODES= 130 131 191 190 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 6.648 -15.17 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -85.437 -144.90 7.8684  
 TOP SX,SY,SKY,SZ= 13871. 6190.5 192.12 0. SIG1,SIG2,SIG3= 13875. 6185.7 -.30035E-07  
 S.I.= 13875. SIGE= 12040.  
 MID SX,SY,SKY,SZ= 14292. 7124.1 141.42 -500.00 SIG1,SIG2,SIG3= 14295. 7121.3 -500.00  
 S.I.= 14795. SIGE= 12815.  
 BOT SX,SY,SKY,SZ= 14714. 8057.7 90.725 -1000.0 SIG1,SIG2,SIG3= 14715. 8056.5 -1000.0  
 S.I.= 15715. SIGE= 13662.

EL= 667 NODES= 166 167 227 226 MAT= 1 AREA= .676 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -14.52 -7.647 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -181.07 -196.27 -13.951  
 TOP SX,SY,SKY,SZ= 13462. 6222.7 -207.98 0. SIG1,SIG2,SIG3= 13468. 6216.8 -.28338E-07  
 S.I.= 13468. SIGE= 11675.  
 MID SX,SY,SKY,SZ= 14402. 7241.8 -135.55 -500.00 SIG1,SIG2,SIG3= 14405. 7239.2 -500.00  
 S.I.= 14905. SIGE= 12911.  
 BOT SX,SY,SKY,SZ= 15343. 8260.8 -53.118 -1000.0 SIG1,SIG2,SIG3= 15343. 8260.3 -1000.0  
 S.I.= 16343. SIGE= 14195.

EL= 668 NODES= 131 132 192 191 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 7.520 -14.76 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -55.178 -140.65 3.6574  
 TOP SX,SY,SKY,SZ= 13962. 6175.8 193.72 0. SIG1,SIG2,SIG3= 13967. 6171.0 -.30481E-07  
 S.I.= 13967. SIGE= 12123.  
 MID SX,SY,SKY,SZ= 14317. 7082.0 170.16 -500.00 SIG1,SIG2,SIG3= 14321. 7078.0 -500.00  
 S.I.= 14821. SIGE= 12837.  
 BOT SX,SY,SKY,SZ= 14673. 7988.2 146.59 -1000.0 SIG1,SIG2,SIG3= 14676. 7985.0 -1000.0  
 S.I.= 15676. SIGE= 13624.

EL= 669 NODES= 165 166 226 225 MAT= 1 AREA= .746 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -15.60 -5.031 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -262.38 -203.38 -4.3195  
 TOP SX,SY,SKY,SZ= 13197. 6133.9 -114.60 0. SIG1,SIG2,SIG3= 13199. 6132.1 -.27615E-07  
 S.I.= 13199. SIGE= 11440.  
 MID SX,SY,SKY,SZ= 14559. 7189.9 -92.177 -500.00 SIG1,SIG2,SIG3= 14560. 7188.7 -500.00  
 S.I.= 15060. SIGE= 13044.  
 BOT SX,SY,SKY,SZ= 15921. 8245.8 -69.750 -1000.0 SIG1,SIG2,SIG3= 15922. 8245.2 -1000.0  
 S.I.= 16922. SIGE= 14676.

EL= 670 NODES= 132 133 193 192 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 8.366 -14.30 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -55.514 -140.21 -3.4694  
 TOP SX,SY,SKY,SZ= 13990. 6145.4 197.06 0. SIG1,SIG2,SIG3= 13995. 6140.5 -.30716E-07  
 S.I.= 13995. SIGE= 12150.  
 MID SX,SY,SKY,SZ= 14348. 7048.8 199.30 -500.00 SIG1,SIG2,SIG3= 14353. 7043.4 -500.00  
 S.I.= 14853. SIGE= 12864.  
 BOT SX,SY,SKY,SZ= 14705. 7952.2 201.53 -1000.0 SIG1,SIG2,SIG3= 14711. 7946.2 -1000.0  
 S.I.= 15711. SIGE= 13650.

EL= 671 NODES= 164 165 225 224 MAT= 1 AREA= .823 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= -16.26 -1.976 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -303.95 -188.41 -1.5225  
 TOP SX,SY,SKY,SZ= 13154. 6268.1 -66.767 0. SIG1,SIG2,SIG3= 13154. 6267.5 -.26917E-07  
 S.I.= 13154. SIGE= 11396.  
 MID SX,SY,SKY,SZ= 14732. 7246.4 -58.862 -500.00 SIG1,SIG2,SIG3= 14732. 7245.9 -500.00  
 S.I.= 15232. SIGE= 13192.  
 BOT SX,SY,SKY,SZ= 16310. 8224.6 -50.957 -1000.0 SIG1,SIG2,SIG3= 16310. 8224.3 -1000.0  
 S.I.= 17310. SIGE= 15002.

EL= 672 NODES= 133 134 194 193 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63  
 XC,YC,ZC= 9.184 -13.79 .6250 PRESS= 1000.0 0.  
 MX,MY,MXY= -66.364 -143.51 -4.2164



EL= 673	NODES= 163 164 224 223	MAT= 1	AREA= .909	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-16.30 1.469 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-281.89 -147.19 -6.8046				
TOP SK, SY, SKY, SZ=	13442. 6619.6 -101.84 0.	SIG1, SIG2, SIG3=	13443. 6618.0	-2.26695E-07	
S. I.=	13443. SIGE= 11643.				
MID SK, SY, SKY, SZ=	14905. 7383.8 -66.507 -500.00	SIG1, SIG2, SIG3=	14906. 7383.2	-500.00	
S. I.=	15406. SIGE= 13343.				
BOT SK, SY, SKY, SZ=	16369. 8147.9 -31.178 -1000.0	SIG1, SIG2, SIG3=	16369. 8147.8	-1000.0	
S. I.=	17369. SIGE= 15049.				
EL= 674	NODES= 162 163 223 222	MAT= 1	AREA= 1.00	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50 5.381 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-179.92 -82.843 -16.159				
TOP SK, SY, SKY, SZ=	14137. 7047.2 -224.30 0.	SIG1, SIG2, SIG3=	14144. 7040.1	-2.27775E-07	
S. I.=	14144. SIGE= 12249.				
MID SK, SY, SKY, SZ=	15072. 7477.3 -140.40 -500.00	SIG1, SIG2, SIG3=	15074. 7474.7	-500.00	
S. I.=	15574. SIGE= 13489.				
BOT SK, SY, SKY, SZ=	16006. 7907.4 -56.498 -1000.0	SIG1, SIG2, SIG3=	16006. 7907.0	-1000.0	
S. I.=	17006. SIGE= 14733.				
EL= 675	NODES= 134 135 195 194	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.971 -13.23 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-87.543 -150.42 -8.0272				
TOP SK, SY, SKY, SZ=	13859. 6042.8 197.98 0.	SIG1, SIG2, SIG3=	13864. 6037.8	-3.30551E-07	
S. I.=	13864. SIGE= 12040.				
MID SK, SY, SKY, SZ=	14423. 7012.0 249.70 -500.00	SIG1, SIG2, SIG3=	14431. 7003.6	-500.00	
S. I.=	14931. SIGE= 12931.				
BOT SK, SY, SKY, SZ=	14987. 7981.2 301.42 -1000.0	SIG1, SIG2, SIG3=	15000. 7968.2	-1000.0	
S. I.=	16000. SIGE= 13890.				
EL= 676	NODES= 135 136 196 195	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	10.72 -12.63 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-118.75 -160.75 -11.845				
TOP SK, SY, SKY, SZ=	13702. 5975.2 190.62 0.	SIG1, SIG2, SIG3=	13707. 5970.5	-3.30231E-07	
S. I.=	13707. SIGE= 11903.				
MID SK, SY, SKY, SZ=	14468. 7011.0 266.94 -500.00	SIG1, SIG2, SIG3=	14477. 7001.4	-500.00	
S. I.=	14977. SIGE= 12971.				
BOT SK, SY, SKY, SZ=	15233. 8146.7 343.26 -1000.0	SIG1, SIG2, SIG3=	15249. 8030.4	-1000.0	
S. I.=	16249. SIGE= 14101.				
EL= 677	NODES= 136 137 197 196	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.44 -11.98 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-159.62 -174.25 -15.700				
TOP SK, SY, SKY, SZ=	13489. 5901.2 175.73 0.	SIG1, SIG2, SIG3=	13493. 5897.2	-2.29711E-07	
S. I.=	13493. SIGE= 11716.				
MID SK, SY, SKY, SZ=	14517. 7024.0 276.89 -500.00	SIG1, SIG2, SIG3=	14527. 7013.8	-500.00	
S. I.=	15027. SIGE= 13014.				
BOT SK, SY, SKY, SZ=	15545. 8146.7 378.04 -1000.0	SIG1, SIG2, SIG3=	15565. 8127.5	-1000.0	
S. I.=	16565. SIGE= 14370.				
EL= 678	NODES= 137 138 198 197	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.12 -11.30 .6250	PRESS= 1000.0	0.		
MX, MY, MXY=	-209.66 -190.59 -19.570				
TOP SK, SY, SKY, SZ=	13220. 5824.7 151.80 0.	SIG1, SIG2, SIG3=	13223. 5821.6	-2.28885E-07	
S. I.=	13223. SIGE= 11479.				
MID SK, SY, SKY, SZ=	14571. 7052.7 277.89 -500.00	SIG1, SIG2, SIG3=	14581. 7042.5	-500.00	
S. I.=	15081. SIGE= 13061.				



EL= 685	NODES= 145 146 206 205	MAT= 1	AREA= .306	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.82	-4.498 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 15.55	-5.554 .6250				
TOP SX, SY, SKY, SZ= 14346.	6771.0 -14.922	0.		SIG1, SIG2, SIG3= 14353.	6764.0 -2.29764E-07
S.I.= 14353.	SIGE= 12457.				
MID SX, SY, SKY, SZ= 14723.	7350.0 -144.07	-500.00		SIG1, SIG2, SIG3= 14726.	7347.2 -500.00
S.I.= 15226.	SIGE= 13188.				
BOT SX, SY, SKY, SZ= 15100.	7929.0 -58.014	-1000.0		SIG1, SIG2, SIG3= 15101.	7928.6 -1000.0
S.I.= 16101.	SIGE= 13971.				
EL= 686	NODES= 146 147 207 206	MAT= 1	AREA= .338	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.13	-3.246 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 15.82	-4.498 .6250				
TOP SX, SY, SKY, SZ= 14444.	7251.8 6.7693	-500.00		SIG1, SIG2, SIG3= 14444.	7251.8 -500.00
S.I.= 14944.	SIGE= 12945.				
MID SX, SY, SKY, SZ= 14711.	7356.0 70.821	-500.00		SIG1, SIG2, SIG3= 14712.	7355.3 -500.00
S.I.= 15212.	SIGE= 13176.				
BOT SX, SY, SKY, SZ= 11724.	6874.9 153.03	-1000.0		SIG1, SIG2, SIG3= 11729.	6870.1 -1000.0
S.I.= 12729.	SIGE= 11126.				
EL= 687	NODES= 147 148 208 207	MAT= 1	AREA= .373	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34	-1.840 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 16.13	-3.246 .6250				
TOP SX, SY, SKY, SZ= 17128.	7829.7 21.941	0.		SIG1, SIG2, SIG3= 17128.	7829.6 -3.36388E-07
S.I.= 17128.	SIGE= 14851.				
MID SX, SY, SKY, SZ= 14838.	7475.5 26.245	-500.00		SIG1, SIG2, SIG3= 14838.	7475.4 -500.00
S.I.= 15338.	SIGE= 13286.				
BOT SX, SY, SKY, SZ= 12547.	7121.4 30.550	-1000.0		SIG1, SIG2, SIG3= 12547.	7121.2 -1000.0
S.I.= 13547.	SIGE= 11810.				
EL= 688	NODES= 148 149 209 208	MAT= 1	AREA= .412	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-.2740 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 16.34	-1.840 .6250				
TOP SX, SY, SKY, SZ= 16582.	7819.3 80.218	0.		SIG1, SIG2, SIG3= 16583.	7818.6 -3.34257E-07
S.I.= 16583.	SIGE= 14369.				
MID SX, SY, SKY, SZ= 14958.	7612.6 3.9287	-500.00		SIG1, SIG2, SIG3= 14958.	7612.6 -500.00
S.I.= 15458.	SIGE= 13393.				
BOT SX, SY, SKY, SZ= 13334.	7406.0 -72.361	-1000.0		SIG1, SIG2, SIG3= 13335.	7405.1 -1000.0
S.I.= 14335.	SIGE= 12476.				
EL= 689	NODES= 149 150 210 209	MAT= 1	AREA= .455	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 16.44	-.2740 .6250				
TOP SX, SY, SKY, SZ= 16092.	7818.7 123.45	0.		SIG1, SIG2, SIG3= 16094.	7818.9 -3.32444E-07
S.I.= 16094.	SIGE= 13939.				
MID SX, SY, SKY, SZ= 15075.	7733.1 -33.883	-500.00		SIG1, SIG2, SIG3= 15075.	7732.9 -500.00
S.I.= 15575.	SIGE= 13496.				
BOT SX, SY, SKY, SZ= 14059.	7647.4 -191.21	-1000.0		SIG1, SIG2, SIG3= 14064.	7641.7 -1000.0
S.I.= 15064.	SIGE= 13093.				
EL= 690	NODES= 150 151 211 210	MAT= 1	AREA= .502	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.347 .6250	PRESS= 1000.0	0.		
MX, MY, MXY= 16.37	1.457 .6250				
TOP SX, SY, SKY, SZ= 15697.	7825.4 169.05	0.		SIG1, SIG2, SIG3= 15701.	7821.8 -3.30868E-07
S.I.= 15701.	SIGE= 13598.				



MID	SX,SY,SKY,SZ=	15192.	7828.2	-67.782	-500.00	SIG1,SIG2,SIG3=	15193.	7827.6	-500.00	
S.I.=	15693.	SIGE=	13599.							
BOT	SX,SY,SKY,SZ=	14687.	7830.9	-304.61	-1000.0	SIG1,SIG2,SIG3=	14701.	7817.4	-1000.0	
S.I.=	15701.	SIGE=	13631.							
EL= 692	NODES=	151	152	212	211	MAT= 1	AREA= .555	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	15.52	5.379	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	24.049	-12.161	58.267							
TOP	SX,SY,SKY,SZ=	13431.	7820.1	209.45	0.	SIG1,SIG2,SIG3=	15437.	7814.3	-.29824E-07	
S.I.=	15437.	SIGE=	13369.							
MID	SX,SY,SKY,SZ=	15306.	7883.2	-93.075	-500.00	SIG1,SIG2,SIG3=	15308.	7882.1	-500.00	
S.I.=	15808.	SIGE=	13698.							
BOT	SX,SY,SKY,SZ=	15182.	7946.4	-395.60	-1000.0	SIG1,SIG2,SIG3=	15203.	7924.8	-1000.0	
S.I.=	16203.	SIGE=	14056.							
EL= 693	NODES=	152	153	213	212	MAT= 1	AREA= .612	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	14.60	7.516	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	-20.008	-18.986	64.981							
TOP	SX,SY,SKY,SZ=	15309.	7781.4	246.51	0.	SIG1,SIG2,SIG3=	15317.	7773.3	-.29533E-07	
S.I.=	15317.	SIGE=	13265.							
MID	SX,SY,SKY,SZ=	15413.	7880.0	-90.870	-500.00	SIG1,SIG2,SIG3=	15414.	7878.9	-500.00	
S.I.=	15914.	SIGE=	13749.							
BOT	SX,SY,SKY,SZ=	15517.	7978.5	-428.25	-1000.0	SIG1,SIG2,SIG3=	15542.	7954.3	-1000.0	
S.I.=	16542.	SIGE=	14342.							
EL= 694	NODES=	153	154	214	213	MAT= 1	AREA= .676	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	13.24	9.695	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	-38.761	-24.065	62.421							
TOP	SX,SY,SKY,SZ=	15310.	7673.6	272.76	0.	SIG1,SIG2,SIG3=	15320.	7663.9	-.30025E-07	
S.I.=	15320.	SIGE=	13268.							
MID	SX,SY,SKY,SZ=	15512.	7798.6	-51.328	-500.00	SIG1,SIG2,SIG3=	15512.	7798.2	-500.00	
S.I.=	16012.	SIGE=	13870.							
BOT	SX,SY,SKY,SZ=	15713.	7923.5	-375.42	-1000.0	SIG1,SIG2,SIG3=	15731.	7905.5	-1000.0	
S.I.=	16731.	SIGE=	14500.							
EL= 695	NODES=	154	155	215	214	MAT= 1	AREA= .746	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	11.36	11.82	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	-44.517	-30.917	49.162							
TOP	SX,SY,SKY,SZ=	15373.	7469.7	279.99	0.	SIG1,SIG2,SIG3=	15383.	7459.8	-.31048E-07	
S.I.=	15383.	SIGE=	13324.							
MID	SX,SY,SKY,SZ=	15604.	7630.2	24.745	-500.00	SIG1,SIG2,SIG3=	15604.	7630.1	-500.00	
S.I.=	16104.	SIGE=	13947.							
BOT	SX,SY,SKY,SZ=	15835.	7790.7	-230.50	-1000.0	SIG1,SIG2,SIG3=	15842.	7784.1	-1000.0	
S.I.=	16842.	SIGE=	14590.							
EL= 696	NODES=	155	156	216	215	MAT= 1	AREA= .823	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	8.905	13.75	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	-54.302	-41.607	27.602							
TOP	SX,SY,SKY,SZ=	15408.	7176.2	261.82	0.	SIG1,SIG2,SIG3=	15416.	7167.9	-.32296E-07	
S.I.=	15416.	SIGE=	13362.							
MID	SX,SY,SKY,SZ=	15690.	7392.2	118.51	-500.00	SIG1,SIG2,SIG3=	15692.	7390.6	-500.00	
S.I.=	16192.	SIGE=	14024.							
BOT	SX,SY,SKY,SZ=	15972.	7608.3	-24.805	-1000.0	SIG1,SIG2,SIG3=	15972.	7608.2	-1000.0	
S.I.=	16972.	SIGE=	14699.							
EL= 697	NODES=	156	157	217	216	MAT= 1	AREA= .909	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	5.824	15.29	.6250			PRESS=	1000.0	0.		
MX,MY,MXY=	-76.268	-53.045	4.0495							
TOP	SX,SY,SKY,SZ=	15366.	6851.6	221.20	0.	SIG1,SIG2,SIG3=	15371.	6845.9	-.33382E-07	
S.I.=	15371.	SIGE=	13339.							
MID	SX,SY,SKY,SZ=	15762.	7127.0	200.18	-500.00	SIG1,SIG2,SIG3=	15766.	7122.4	-500.00	
S.I.=	16266.	SIGE=	14096.							
BOT	SX,SY,SKY,SZ=	16158.	7402.4	179.15	-1000.0	SIG1,SIG2,SIG3=	16161.	7398.8	-1000.0	
S.I.=	17161.	SIGE=	14863.							



EL= 698	NODES= 157 158 218 217	MAT= 1	AREA= 1.00	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.137	16.20	.6250	PRESS= 1000.0	0.	
MX,MY,MXY= -20.375	-54.709	-14.458			
TOP SX,SY,SKY,SZ= 15330.	6588.2	160.39	0.	SIG1,SIG2,SIG3= 15333.	6585.3 -0.34230E-07
S.I.= 15333.	SIGE= 13323.				
MID SX,SY,SKY,SZ= 15729.	6872.3	235.46	-500.00	SIG1,SIG2,SIG3= 15805.	6866.1 -500.00
S.I.= 16305.	SIGE= 14143.				
BOT SX,SY,SKY,SZ= 16268.	7156.3	310.53	-1000.0	SIG1,SIG2,SIG3= 16279.	7145.7 -1000.0
S.I.= 17279.	SIGE= 14972.				
EL= 699	NODES= 158 159 219 218	MAT= 1	AREA= 1.11	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -2.048	16.18	.6250	PRESS= 1000.0	0.	
MX,MY,MXY= -31.169	-27.123	-24.617			
TOP SX,SY,SKY,SZ= 15617.	6520.6	46.103	0.	SIG1,SIG2,SIG3= 15617.	6520.3 -0.35675E-07
S.I.= 15617.	SIGE= 13586.				
MID SX,SY,SKY,SZ= 15773.	6661.4	173.91	-500.00	SIG1,SIG2,SIG3= 15777.	6658.1 -500.00
S.I.= 16277.	SIGE= 14130.				
BOT SX,SY,SKY,SZ= 15930.	6802.2	301.73	-1000.0	SIG1,SIG2,SIG3= 15940.	6792.2 -1000.0
S.I.= 16940.	SIGE= 14686.				
EL= 700	NODES= 159 160 220 219	MAT= 1	AREA= 1.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -6.484	14.93	.6250	PRESS= 1000.0	0.	
MX,MY,MXY= 206.68	55.376	-28.016			
TOP SX,SY,SKY,SZ= 16716.	6929.7	-176.11	0.	SIG1,SIG2,SIG3= 16719.	6926.5 -0.38333E-07
S.I.= 16719.	SIGE= 14550.				
MID SX,SY,SKY,SZ= 15642.	6642.1	-30.656	-500.00	SIG1,SIG2,SIG3= 15643.	6642.0 -500.00
S.I.= 16143.	SIGE= 14011.				
BOT SX,SY,SKY,SZ= 14569.	6354.6	114.80	-1000.0	SIG1,SIG2,SIG3= 14571.	6353.0 -1000.0
S.I.= 15571.	SIGE= 13492.				
EL= 701	NODES= 160 161 221 220	MAT= 1	AREA= 1.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.58	12.37	.6250	PRESS= 1000.0	0.	
MX,MY,MXY= 240.40	72.071	-27.644			
TOP SX,SY,SKY,SZ= 16686.	7326.4	-379.64	0.	SIG1,SIG2,SIG3= 16701.	7311.0 -0.36754E-07
S.I.= 16701.	SIGE= 14501.				
MID SX,SY,SKY,SZ= 15438.	6952.2	-236.11	-500.00	SIG1,SIG2,SIG3= 15444.	6945.6 -500.00
S.I.= 15944.	SIGE= 13818.				
BOT SX,SY,SKY,SZ= 14190.	6578.0	-92.585	-1000.0	SIG1,SIG2,SIG3= 14191.	6576.9 -1000.0
S.I.= 15191.	SIGE= 13156.				
EL= 702	NODES= 161 162 222 221	MAT= 1	AREA= 1.11	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.65	8.935	.6250	PRESS= 1000.0	0.	
MX,MY,MXY= -5.0212	-7.5808	-23.946			
TOP SX,SY,SKY,SZ= 15216.	7302.3	-369.34	0.	SIG1,SIG2,SIG3= 15233.	7285.1 -0.31057E-07
S.I.= 15233.	SIGE= 13197.				
MID SX,SY,SKY,SZ= 15242.	7341.6	-245.01	-500.00	SIG1,SIG2,SIG3= 15250.	7334.0 -500.00
S.I.= 15750.	SIGE= 13640.				
BOT SX,SY,SKY,SZ= 15268.	7381.0	-120.69	-1000.0	SIG1,SIG2,SIG3= 15270.	7379.2 -1000.0
S.I.= 16270.	SIGE= 14095.				
EL= 703	NODES= 181 182 242 241	MAT= 1	AREA= .239	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -1.825	-16.41	.8750	PRESS= 1000.0	0.	
MX,MY,MXY= 119.88	-77.847	40.655			
TOP SX,SY,SKY,SZ= 14526.	6867.8	516.07	0.	SIG1,SIG2,SIG3= 14560.	6833.2 -0.30215E-07
S.I.= 14560.	SIGE= 12617.				
MID SX,SY,SKY,SZ= 13903.	7272.0	304.99	-500.00	SIG1,SIG2,SIG3= 13917.	7258.0 -500.00
S.I.= 14417.	SIGE= 12498.				
BOT SX,SY,SKY,SZ= 13281.	7676.2	93.903	-1000.0	SIG1,SIG2,SIG3= 13282.	7674.6 -1000.0
S.I.= 14282.	SIGE= 12464.				
EL= 704	NODES= 182 183 243 242	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -.8762	-16.54	.8750	PRESS= 1000.0	0.	
MX,MY,MXY= -674.77	-267.79	37.220			

EL= 705	NODES= 234 181 241 294	MAT= 1	AREA= .306	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -2.894	-16.19	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 873.98	118.51	36.624			
TOP SX, SY, SKY, SZ= 18300.	8170.0	343.51	0.	SIG1, SIG2, SIG3= 18312.	8158.4 -3.39692E-07
S.I.= 18112.	SIGE= 15890.				
MID SX, SY, SKY, SZ= 13763.	7554.7	153.35	-500.00	SIG1, SIG2, SIG3= 13766.	7550.9 -500.00
S.I.= 14266.	SIGE= 12389.				
BOT SX, SY, SKY, SZ= 9225.0	6939.4	-36.799	-1000.0	SIG1, SIG2, SIG3= 9225.6	6938.8 -1000.0
S.I.= 10226.	SIGE= 9295.6				
EL= 706	NODES= 183 184 244 243	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8805E-01	-15.57	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= -554.12	-246.73	50.030			
TOP SX, SY, SKY, SZ= 11254.	5599.4	357.71	0.	SIG1, SIG2, SIG3= 11277.	5576.9 -2.2311E-07
S.I.= 11277.	SIGE= 9766.3				
MID SX, SY, SKY, SZ= 14131.	6880.4	97.958	-500.00	SIG1, SIG2, SIG3= 14133.	6879.1 -500.00
S.I.= 14633.	SIGE= 12672.				
BOT SX, SY, SKY, SZ= 17008.	8161.4	-161.80	-1000.0	SIG1, SIG2, SIG3= 17011.	8158.5 -1000.0
S.I.= 18011.	SIGE= 15599.				
EL= 707	NODES= 233 234 294 293	MAT= 1	AREA= .338	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -4.152	-15.92	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 734.30	85.523	25.761			
TOP SX, SY, SKY, SZ= 17644.	8129.0	136.18	0.	SIG1, SIG2, SIG3= 17646.	8127.0 -3.37140E-07
S.I.= 17646.	SIGE= 15298.				
MID SX, SY, SKY, SZ= 13832.	7684.9	2.4289	-500.00	SIG1, SIG2, SIG3= 13832.	7684.9 -500.00
S.I.= 14332.	SIGE= 12453.				
BOT SX, SY, SKY, SZ= 10019.	7240.9	-131.32	-1000.0	SIG1, SIG2, SIG3= 10025.	7234.7 -1000.0
S.I.= 11025.	SIGE= 9928.6				
EL= 708	NODES= 184 185 245 244	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 1.052	-16.53	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= -445.21	-230.37	49.819			
TOP SX, SY, SKY, SZ= 11750.	5579.1	327.82	0.	SIG1, SIG2, SIG3= 11767.	5561.7 -2.24253E-07
S.I.= 11767.	SIGE= 10196.				
MID SX, SY, SKY, SZ= 14061.	6775.2	69.157	-500.00	SIG1, SIG2, SIG3= 14062.	6774.5 -500.00
S.I.= 14562.	SIGE= 12611.				
BOT SX, SY, SKY, SZ= 16373.	7971.3	-189.50	-1000.0	SIG1, SIG2, SIG3= 16377.	7967.0 -1000.0
S.I.= 17377.	SIGE= 15052.				
EL= 709	NODES= 232 233 293 292	MAT= 1	AREA= .373	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -5.510	-15.50	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 592.26	48.254	9.7981			
TOP SX, SY, SKY, SZ= 16987.	8011.4	-14.800	0.	SIG1, SIG2, SIG3= 16987.	8011.3 -3.35123E-07
S.I.= 16987.	SIGE= 14719.				
MID SX, SY, SKY, SZ= 13912.	7760.8	-65.672	-500.00	SIG1, SIG2, SIG3= 13912.	7760.1 -500.00
S.I.= 14412.	SIGE= 12526.				
BOT SX, SY, SKY, SZ= 10837.	7510.3	-116.54	-1000.0	SIG1, SIG2, SIG3= 10841.	7506.2 -1000.0
S.I.= 11841.	SIGE= 10575.				
EL= 710	NODES= 185 186 246 245	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.012	-16.44	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= -349.95	-209.10	43.496			
TOP SX, SY, SKY, SZ= 12228.	5601.6	288.65	0.	SIG1, SIG2, SIG3= 12241.	5589.1 -2.26045E-07
S.I.= 12241.	SIGE= 10614.				
MID SX, SY, SKY, SZ= 14045.	6687.3	62.815	-500.00	SIG1, SIG2, SIG3= 14046.	6686.7 -500.00
S.I.= 14546.	SIGE= 12597.				

EL= 711	NODES= 231 232 292 291	MAT= 1	AREA= .412	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.961 -14.90 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	449.10 4.4265 -7.6300				
TOP SX, SY, SKY, SZ=	16289. 7808.8 -161.42 0.	SIG1, SIG2, SIG3=	16292. 7805.8 -.33188E-07		
S.I.=	16292. SIGE= 14113.				
MID SX, SY, SKY, SZ=	13957. 7785.9 -121.80 -500.00	SIG1, SIG2, SIG3=	13959. 7783.5 -500.00		
S.I.=	14459. SIGE= 12566.				
BOT SX, SY, SKY, SZ=	11625. 7762.9 -82.184 -1000.0	SIG1, SIG2, SIG3=	11627. 7761.1 -1000.0		
S.I.=	12627. SIGE= 11206.				
EL= 712	NODES= 186 187 247 246	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.966 -16.30 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-267.83 -188.17 36.784				
TOP SX, SY, SKY, SZ=	12643. 5624.6 249.89 0.	SIG1, SIG2, SIG3=	12652. 5615.7 -.27513E-07		
S.I.=	12652. SIGE= 10980.				
MID SX, SY, SKY, SZ=	14034. 6601.6 58.907 -500.00	SIG1, SIG2, SIG3=	14035. 6601.1 -500.00		
S.I.=	14535. SIGE= 12588.				
BOT SX, SY, SKY, SZ=	15425. 7578.5 -132.07 -1000.0	SIG1, SIG2, SIG3=	15427. 7576.3 -1000.0		
S.I.=	16427. SIGE= 14231.				
EL= 713	NODES= 230 231 291 290	MAT= 1	AREA= .455	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.487 -14.08 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	307.44 -42.545 -21.904				
TOP SX, SY, SKY, SZ=	15612. 7536.0 -276.08 0.	SIG1, SIG2, SIG3=	15621. 7526.5 -.31698E-07		
S.I.=	15621. SIGE= 13532.				
MID SX, SY, SKY, SZ=	14016. 7756.9 -162.35 -500.00	SIG1, SIG2, SIG3=	14020. 7752.7 -500.00		
S.I.=	14520. SIGE= 12614.				
BOT SX, SY, SKY, SZ=	12420. 7977.8 -48.627 -1000.0	SIG1, SIG2, SIG3=	12420. 7977.2 -1000.0		
S.I.=	13420. SIGE= 11841.				
EL= 714	NODES= 187 188 248 247	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	3.909 -16.10 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-198.86 -170.51 30.123				
TOP SX, SY, SKY, SZ=	13004. 5642.9 223.00 0.	SIG1, SIG2, SIG3=	13011. 5636.1 -.28874E-07		
S.I.=	13011. SIGE= 11301.				
MID SX, SY, SKY, SZ=	14036. 6528.2 66.597 -500.00	SIG1, SIG2, SIG3=	14037. 6527.6 -500.00		
S.I.=	14537. SIGE= 12592.				
BOT SX, SY, SKY, SZ=	15069. 7413.4 -89.804 -1000.0	SIG1, SIG2, SIG3=	15070. 7412.4 -1000.0		
S.I.=	16070. SIGE= 13922.				
EL= 715	NODES= 229 230 290 289	MAT= 1	AREA= .502	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.06 -12.99 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	171.04 -87.756 -30.488				
TOP SX, SY, SKY, SZ=	14969. 7209.3 -340.17 0.	SIG1, SIG2, SIG3=	14984. 7194.4 -.30499E-07		
S.I.=	14984. SIGE= 12980.				
MID SX, SY, SKY, SZ=	14081. 7664.9 -181.88 -500.00	SIG1, SIG2, SIG3=	14086. 7659.8 -500.00		
S.I.=	14586. SIGE= 12662.				
BOT SX, SY, SKY, SZ=	13193. 8120.5 -23.590 -1000.0	SIG1, SIG2, SIG3=	13193. 8120.4 -1000.0		
S.I.=	14193. SIGE= 12457.				
EL= 716	NODES= 188 189 249 248	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	4.840 -15.84 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-143.31 -156.11 23.432				
TOP SX, SY, SKY, SZ=	13301. 5652.4 200.75 0.	SIG1, SIG2, SIG3=	13306. 5647.2 -.30006E-07		
S.I.=	13306. SIGE= 11567.				
MID SX, SY, SKY, SZ=	14045. 6483.0 79.091 -500.00	SIG1, SIG2, SIG3=	14046. 6482.1 -500.00		
S.I.=	14546. SIGE= 12601.				
BOT SX, SY, SKY, SZ=	14789. 7273.5 -42.569 -1000.0	SIG1, SIG2, SIG3=	14789. 7273.3 -1000.0		
S.I.=	15789. SIGE= 13679.				
EL= 717	NODES= 228 229 289 288	MAT= 1	AREA= .555	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63



EL= 718	NODES= 189 190 250 249	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.753 -15.53 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -101.56 -145.28 16.921					
TOP	SX, SY, SKY, SZ= 13532.	5653.3	185.71	0.	SIG1, SIG2, SIG3= 13536. 5649.0 -.30792E-07
S.I.= 13136. SIGE= 11776.					
MID	SX, SY, SKY, SZ= 14059.	6407.6	97.850	-500.00	SIG1, SIG2, SIG3= 14060. 6406.4 -500.00
S.I.= 14560. SIGE= 12615.					
BOT	SX, SY, SKY, SZ= 14586.	7161.9	9.9942	-1000.0	SIG1, SIG2, SIG3= 14586. 7161.9 -1000.0
S.I.= 15586. SIGE= 13503.					
EL= 719	NODES= 227 228 288 287	MAT= 1	AREA= .612	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.15 -9.824 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -76.475 -165.69 -25.181					
TOP	SX, SY, SKY, SZ= 13872.	6513.0	-290.81	0.	SIG1, SIG2, SIG3= 13884. 6501.5 -.28881E-07
S.I.= 13884. SIGE= 12032.					
MID	SX, SY, SKY, SZ= 14270.	7373.3	-160.07	-500.00	SIG1, SIG2, SIG3= 14273. 7369.5 -500.00
S.I.= 14773. SIGE= 12803.					
BOT	SX, SY, SKY, SZ= 14667.	8233.5	-29.327	-1000.0	SIG1, SIG2, SIG3= 14667. 8233.4 -1000.0
S.I.= 15667. SIGE= 13640.					
EL= 720	NODES= 190 191 251 250	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 6.648 -15.17 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -73.831 -138.14 10.708					
TOP	SX, SY, SKY, SZ= 13695.	5643.9	175.90	0.	SIG1, SIG2, SIG3= 13699. 5640.0 -.31480E-07
S.I.= 13699. SIGE= 11925.					
MID	SX, SY, SKY, SZ= 14078.	6361.1	120.30	-500.00	SIG1, SIG2, SIG3= 14080. 6359.2 -500.00
S.I.= 14580. SIGE= 12634.					
BOT	SX, SY, SKY, SZ= 14462.	7078.3	64.702	-1000.0	SIG1, SIG2, SIG3= 14462. 7077.7 -1000.0
S.I.= 15462. SIGE= 13395.					
EL= 721	NODES= 226 227 287 286	MAT= 1	AREA= .676	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -14.52 -7.647 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -181.04 -191.49 -14.593					
TOP	SX, SY, SKY, SZ= 13456.	6251.6	-198.91	0.	SIG1, SIG2, SIG3= 13462. 6246.1 -.28206E-07
S.I.= 13462. SIGE= 11668.					
MID	SX, SY, SKY, SZ= 14396.	7245.8	-123.15	-500.00	SIG1, SIG2, SIG3= 14398. 7243.7 -500.00
S.I.= 14898. SIGE= 12906.					
BOT	SX, SY, SKY, SZ= 15336.	8240.0	-47.380	-1000.0	SIG1, SIG2, SIG3= 15337. 8239.7 -1000.0
S.I.= 16337. SIGE= 14188.					
EL= 722	NODES= 191 192 252 251	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 7.520 -14.76 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -60.295 -134.79 4.8306					
TOP	SX, SY, SKY, SZ= 13790.	5623.3	170.25	0.	SIG1, SIG2, SIG3= 13793. 5619.8 -.31918E-07
S.I.= 13793. SIGE= 12013.					
MID	SX, SY, SKY, SZ= 14103.	6323.1	145.17	-500.00	SIG1, SIG2, SIG3= 14105. 6320.4 -500.00
S.I.= 14805. SIGE= 12658.					
BOT	SX, SY, SKY, SZ= 14416.	7022.9	120.08	-1000.0	SIG1, SIG2, SIG3= 14418. 7021.0 -1000.0
S.I.= 15418. SIGE= 13356.					
EL= 723	NODES= 225 226 286 285	MAT= 1	AREA= .746	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.60 -5.031 .8750 PRESS= 1000.0 0.					
MX, MY, MXY= -263.14 -203.38 -5.4264					
TOP	SX, SY, SKY, SZ= 13177.	6137.6	-106.62	0.	SIG1, SIG2, SIG3= 13179. 6136.0 -.27574E-07
S.I.= 13179. SIGE= 11422.					



EL= 724	NODES= 192 193 253 252	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 8.366	-14.31	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -60.987	-135.22	-.75937				
TOP SX, SY, SKY, SZ= 13815.	5591.6	166.27	0.	SIG1, SIG2, SIG3= 13819.	5588.2	-.32173E-07
S.1.= 13819.	SIGE= 12040.					
MID SX, SY, SKY, SZ= 14132.	6293.6	170.21	-500.00	SIG1, SIG2, SIG3= 14136.	6289.9	-500.00
S.1.= 14436.	SIGE= 12686.					
BOT SX, SY, SKY, SZ= 14449.	6995.7	174.15	-1000.0	SIG1, SIG2, SIG3= 14453.	6991.6	-1000.0
S.1.= 15453.	SIGE= 13385.					
EL= 725	NODES= 224 225 285 284	MAT= 1	AREA= .823	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -16.26	-1.976	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -306.26	-196.68	-2.9484				
TOP SX, SY, SKY, SZ= 13113.	6226.7	-60.232	0.	SIG1, SIG2, SIG3= 13113.	6226.2	-.26926E-07
S.1.= 13113.	SIGE= 11361.					
MID SX, SY, SKY, SZ= 14703.	7247.9	-44.924	-500.00	SIG1, SIG2, SIG3= 14703.	7247.6	-500.00
S.1.= 15203.	SIGE= 13167.					
BOT SX, SY, SKY, SZ= 16293.	8269.1	-29.616	-1000.0	SIG1, SIG2, SIG3= 16293.	8269.0	-1000.0
S.1.= 17293.	SIGE= 14989.					
EL= 726	NODES= 193 194 254 253	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 9.184	-13.79	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -75.817	-139.37	-6.1480				
TOP SX, SY, SKY, SZ= 13772.	5549.5	161.72	0.	SIG1, SIG2, SIG3= 13775.	5546.3	-.32219E-07
S.1.= 13775.	SIGE= 12005.					
MID SX, SY, SKY, SZ= 14166.	6273.1	193.64	-500.00	SIG1, SIG2, SIG3= 14171.	6268.4	-500.00
S.1.= 14671.	SIGE= 12718.					
BOT SX, SY, SKY, SZ= 14559.	6996.8	225.56	-1000.0	SIG1, SIG2, SIG3= 14566.	6990.1	-1000.0
S.1.= 15566.	SIGE= 13482.					
EL= 727	NODES= 223 224 284 283	MAT= 1	AREA= .909	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -16.30	1.469	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -286.78	-166.13	-8.2828				
TOP SX, SY, SKY, SZ= 13372.	6518.5	-96.691	0.	SIG1, SIG2, SIG3= 13373.	6517.1	-.26888E-07
S.1.= 13373.	SIGE= 11583.					
MID SX, SY, SKY, SZ= 14861.	7381.0	-53.687	-500.00	SIG1, SIG2, SIG3= 14861.	7380.6	-500.00
S.1.= 15361.	SIGE= 13305.					
BOT SX, SY, SKY, SZ= 16350.	8243.6	-10.683	-1000.0	SIG1, SIG2, SIG3= 16350.	8243.6	-1000.0
S.1.= 17350.	SIGE= 15036.					
EL= 728	NODES= 194 195 255 254	MAT= 1	AREA= .241	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 9.971	-13.23	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -104.54	-147.12	-11.437				
TOP SX, SY, SKY, SZ= 13662.	5498.7	154.07	0.	SIG1, SIG2, SIG3= 13664.	5495.8	-.31985E-07
S.1.= 15664.	SIGE= 11909.					
MID SX, SY, SKY, SZ= 14204.	6262.6	213.45	-500.00	SIG1, SIG2, SIG3= 14210.	6256.8	-500.00
S.1.= 14710.	SIGE= 12753.					
BOT SX, SY, SKY, SZ= 14747.	7026.4	272.83	-1000.0	SIG1, SIG2, SIG3= 14757.	7016.8	-1000.0
S.1.= 15757.	SIGE= 13646.					
EL= 729	NODES= 222 223 283 282	MAT= 1	AREA= 1.00	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -15.50	5.181	.8750	PRESS= 1000.0	0.		
MX, MY, MXY= -187.62	-111.07	-17.331				
TOP SX, SY, SKY, SZ= 14039.	6893.9	-219.14	0.	SIG1, SIG2, SIG3= 14046.	6887.2	-.27955E-07
S.1.= 14046.	SIGE= 12165.					
MID SX, SY, SKY, SZ= 15013.	7470.6	-129.16	-500.00	SIG1, SIG2, SIG3= 15015.	7468.4	-500.00
S.1.= 15515.	SIGE= 13438.					
BOT SX, SY, SKY, SZ= 15987.	8047.3	-39.178	-1000.0	SIG1, SIG2, SIG3= 15987.	8047.1	-1000.0
S.1.= 15987.	SIGE= 14722.					

EL= 730	NODES= 221 222 282 281	MAT= 1	AREA= 1.11	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	-13.85 8.935 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-14.864 -41.700 -24.470				
TOP SK, SY, SKY, SZ=	15098. 7120.8 -361.04 0.	SIG1, SIG2, SIG3=	15115. 7104.5 -.31380E-07		
S. I. =	15115. SIGE= 13098.				
MID SK, SY, SKY, SZ=	15176. 7337.3 -233.99 -500.00	SIG1, SIG2, SIG3=	15183. 7330.3 -500.00		
S. I. =	15683. SIGE= 13581.				
BOT SK, SY, SKY, SZ=	13253. 7553.8 -106.95 -1000.0	SIG1, SIG2, SIG3=	15254. 7552.3 -1000.0		
S. I. =	16254. SIGE= 14083.				
EL= 731	NODES= 195 196 256 255	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	10.72 -12.63 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-146.76 -158.27 -16.707				
TOP SK, SY, SKY, SZ=	13485. 5441.5 141.39 0.	SIG1, SIG2, SIG3=	13488. 5439.0 -.31476E-07		
S. I. =	13488. SIGE= 11753.				
MID SK, SY, SKY, SZ=	14247. 6263.2 228.13 -500.00	SIG1, SIG2, SIG3=	14254. 6256.7 -500.00		
S. I. =	14754. SIGE= 12792.				
BOT SK, SY, SKY, SZ=	15009. 7085.0 314.88 -1000.0	SIG1, SIG2, SIG3=	15022. 7072.5 -1000.0		
S. I. =	16022. SIGE= 13875.				
EL= 732	NODES= 196 197 257 256	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	11.44 -11.98 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-201.95 -172.58 -21.994				
TOP SK, SY, SKY, SZ=	13246. 5380.7 121.79 0.	SIG1, SIG2, SIG3=	13248. 5378.8 -.30800E-07		
S. I. =	13248. SIGE= 11540.				
MID SK, SY, SKY, SZ=	14295. 6276.7 235.98 -500.00	SIG1, SIG2, SIG3=	14301. 6269.8 -500.00		
S. I. =	14801. SIGE= 12834.				
BOT SK, SY, SKY, SZ=	15343. 7172.7 350.17 -1000.0	SIG1, SIG2, SIG3=	15358. 7157.8 -1000.0		
S. I. =	16358. SIGE= 14166.				
EL= 733	NODES= 197 198 258 257	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	12.12 -11.30 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-269.48 -189.69 -27.244				
TOP SK, SY, SKY, SZ=	12947. 5319.6 95.067 0.	SIG1, SIG2, SIG3=	12948. 5318.4 -.29828E-07		
S. I. =	12948. SIGE= 11273.				
MID SK, SY, SKY, SZ=	14346. 6304.5 236.52 -500.00	SIG1, SIG2, SIG3=	14353. 6297.5 -500.00		
S. I. =	15853. SIGE= 12878.				
BOT SK, SY, SKY, SZ=	15745. 7289.3 377.97 -1000.0	SIG1, SIG2, SIG3=	15762. 7272.5 -1000.0		
S. I. =	16762. SIGE= 14517.				
EL= 734	NODES= 198 199 259 258	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	12.76 -10.57 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-348.67 -204.31 -32.342				
TOP SK, SY, SKY, SZ=	12591. 5261.7 60.121 0.	SIG1, SIG2, SIG3=	12592. 5261.2 -.28719E-07		
S. I. =	12592. SIGE= 10954.				
MID SK, SY, SKY, SZ=	14402. 6348.4 278.04 -500.00	SIG1, SIG2, SIG3=	14408. 6341.9 -500.00		
S. I. =	14908. SIGE= 12925.				
BOT SK, SY, SKY, SZ=	16212. 7435.1 395.96 -1000.0	SIG1, SIG2, SIG3=	16230. 7417.3 -1000.0		
S. I. =	17230. SIGE= 14923.				
EL= 735	NODES= 199 200 260 259	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	13.35 -9.510 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-438.83 -231.01 -37.145				
TOP SK, SY, SKY, SZ=	12183. 5207.5 20.719 0.	SIG1, SIG2, SIG3=	12183. 5207.5 -.27268E-07		
S. I. =	12183. SIGE= 10588.				
MID SK, SY, SKY, SZ=	14461. 6406.9 213.53 -500.00	SIG1, SIG2, SIG3=	14467. 6401.3 -500.00		
S. I. =	14967. SIGE= 12975.				
BOT SK, SY, SKY, SZ=	16740. 7606.4 406.44 -1000.0	SIG1, SIG2, SIG3=	16758. 7588.3 -1000.0		
S. I. =	17758. SIGE= 15381.				
EL= 736	NODES= 200 201 261 260	MAT= 1	AREA= .241	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC=	13.90 -9.017 .8750	PRESS=	1000.0 0.		
MX, MY, MXY=	-539.68 -254.59 -41.812				

TOP	SX,SY,SKY,SZ=	11730.	5161.5	-28.683	0.	SIG1,SIG2,SIG3=	11731.	5161.4	-.25734E-07
	S.I.=	11731.	SIGE=	10183.					
MID	SX,SY,SKY,SZ=	14532.	6483.3	188.41	-500.00	SIG1,SIG2,SIG3=	14537.	6478.9	-500.00
	S.I.=	15037.	SIGE=	13034.					
BOT	SX,SY,SKY,SZ=	17335.	7805.1	405.50	-1000.0	SIG1,SIG2,SIG3=	17352.	7787.9	-1000.0
	S.I.=	18352.	SIGE=	15898.					
EL= 737 NODES= 201 202 262 261 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.40 -8.193 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= -651.56 -276.71 -45.666									
TOP	SX,SY,SKY,SZ=	11224.	5125.8	-72.165	0.	SIG1,SIG2,SIG3=	11225.	5124.9	-.23806E-07
	S.I.=	11225.	SIGE=	9733.3					
MID	SX,SY,SKY,SZ=	14607.	6562.4	164.93	-500.00	SIG1,SIG2,SIG3=	14610.	6559.1	-500.00
	S.I.=	1110.	SIGE=	13095.					
BOT	SX,SY,SKY,SZ=	17990.	7999.1	402.03	-1000.0	SIG1,SIG2,SIG3=	18006.	7983.0	-1000.0
	S.I.=	19006.	SIGE=	16468.					
EL= 738 NODES= 202 203 263 262 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -7.341 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= -775.65 -292.26 -42.173									
TOP	SX,SY,SKY,SZ=	10712.	5139.4	-99.246	0.	SIG1,SIG2,SIG3=	10714.	5137.7	-.21826E-07
	S.I.=	10714.	SIGE=	9281.0					
MID	SX,SY,SKY,SZ=	14739.	6656.9	119.72	-500.00	SIG1,SIG2,SIG3=	14741.	6655.1	-500.00
	S.I.=	15241.	SIGE=	13207.					
BOT	SX,SY,SKY,SZ=	18766.	8174.3	338.68	-1000.0	SIG1,SIG2,SIG3=	18777.	8163.5	-1000.0
	S.I.=	19777.	SIGE=	17143.					
EL= 739 NODES= 204 264 263 MAT= 1 AREA= .241 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 -.464 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= -910.04 -310.83 -23.792									
TOP	SX,SY,SKY,SZ=	10119.	5148.4	-117.44	0.	SIG1,SIG2,SIG3=	10122.	5165.6	-.19378E-07
	S.I.=	10122.	SIGE=	8786.7					
MID	SX,SY,SKY,SZ=	14844.	6782.2	6.0879	-500.00	SIG1,SIG2,SIG3=	14844.	6782.2	-500.00
	S.I.=	15344.	SIGE=	13394.					
BOT	SX,SY,SKY,SZ=	19569.	8396.0	129.62	-1000.0	SIG1,SIG2,SIG3=	19571.	8394.5	-1000.0
	S.I.=	20571.	SIGE=	17837.					
EL= 740 NODES= 204 205 265 264 MAT= 1 AREA= .239 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -5.554 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= -76.247 -102.67 -22.664									
TOP	SX,SY,SKY,SZ=	14205.	6438.2	-234.87	0.	SIG1,SIG2,SIG3=	14212.	6431.1	-.30517E-07
	S.I.=	14212.	SIGE=	12326.					
MID	SX,SY,SKY,SZ=	14601.	6971.2	-117.20	-500.00	SIG1,SIG2,SIG3=	14603.	6969.4	-500.00
	S.I.=	15103.	SIGE=	13079.					
BOT	SX,SY,SKY,SZ=	14997.	7504.3	.47074	-1000.0	SIG1,SIG2,SIG3=	14997.	7504.3	-1000.0
	S.I.=	15997.	SIGE=	13863.					
EL= 741 NODES= 205 206 266 265 MAT= 1 AREA= .306 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -4.498 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= 718.65 111.85 -20.209									
TOP	SX,SY,SKY,SZ=	18248.	7789.2	-139.79	0.	SIG1,SIG2,SIG3=	18250.	7787.3	-.40876E-07
	S.I.=	18250.	SIGE=	15862.					
MID	SX,SY,SKY,SZ=	14517.	7208.4	-34.862	-500.00	SIG1,SIG2,SIG3=	14517.	7208.3	-500.00
	S.I.=	15017.	SIGE=	13007.					
BOT	SX,SY,SKY,SZ=	10786.	6627.7	70.063	-1000.0	SIG1,SIG2,SIG3=	10787.	6626.5	0.0
	S.I.=	11787.	SIGE=	10354.					
EL= 742 NODES= 206 207 267 266 MAT= 1 AREA= .338 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.13 -3.248 .8750 PRESS= 1000.0 0.									
MX,MY,MXY= 576.17 85.751 -12.643									
TOP	SX,SY,SKY,SZ=	17652.	7798.6	-30.818	0.	SIG1,SIG2,SIG3=	17652.	7798.5	-.38475E-07
	S.I.=	17652.	SIGE=	15322.					
MID	SX,SY,SKY,SZ=	14661.	7353.4	34.825	-500.00	SIG1,SIG2,SIG3=	14661.	7353.2	-500.00
	S.I.=	15161.	SIGE=	13133.					



EL= 743	NODES= 207 208 268 267	MAT= 1	AREA= .373	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34	-1.840	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 441.43	58.102	-3.4903E-01			
TOP SX, SY, SKY, SZ= 17101.	7785.9	12.788	0.	SIG1, SIG2, SIG3= 17101.	7785.9 -3.6393E-07
S.I.= 17101.	SIGE= 14830.				
MID SX, SY, SKY, SZ= 14810.	7484.2	12.969	-500.00	SIG1, SIG2, SIG3= 14810.	7484.2 -500.00
S.I.= 15310.	SIGE= 13263.				
BOT SX, SY, SKY, SZ= 12518.	7182.6	13.150	-1000.0	SIG1, SIG2, SIG3= 12518.	7182.5 -1000.0
S.I.= 15518.	SIGE= 11793.				
EL= 744	NODES= 208 209 269 268	MAT= 1	AREA= .412	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-.2740	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 312.35	28.309	15.445			
TOP SX, SY, SKY, SZ= 16536.	7762.4	64.780	0.	SIG1, SIG2, SIG3= 16537.	7762.0 -3.4280E-07
S.I.= 16537.	SIGE= 14330.				
MID SX, SY, SKY, SZ= 14915.	7615.5	-15.408	-500.00	SIG1, SIG2, SIG3= 14915.	7615.4 -500.00
S.I.= 15415.	SIGE= 13356.				
BOT SX, SY, SKY, SZ= 13293.	7468.5	-95.597	-1000.0	SIG1, SIG2, SIG3= 13294.	7466.9 -1000.0
S.I.= 14294.	SIGE= 12449.				
EL= 745	NODES= 209 210 270 269	MAT= 1	AREA= .455	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 193.75	.36233	31.164			
TOP SX, SY, SKY, SZ= 16034.	7740.7	114.19	0.	SIG1, SIG2, SIG3= 16036.	7739.1 -3.3238E-07
S.I.= 16036.	SIGE= 13890.				
MID SX, SY, SKY, SZ= 15028.	7738.8	-47.613	-500.00	SIG1, SIG2, SIG3= 15029.	7738.5 -500.00
S.I.= 15529.	SIGE= 13457.				
BOT SX, SY, SKY, SZ= 14022.	7736.9	-209.42	-1000.0	SIG1, SIG2, SIG3= 14029.	7729.9 -1000.0
S.I.= 15029.	SIGE= 13072.				
EL= 746	NODES= 210 211 271 270	MAT= 1	AREA= .502	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.347	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 93.232	-21.947	46.271			
TOP SX, SY, SKY, SZ= 15621.	7717.9	158.02	0.	SIG1, SIG2, SIG3= 15624.	7714.7 -3.30967E-07
S.I.= 15624.	SIGE= 13531.				
MID SX, SY, SKY, SZ= 15137.	7831.9	-82.221	-500.00	SIG1, SIG2, SIG3= 15138.	7830.9 -500.00
S.I.= 15638.	SIGE= 13552.				
BOT SX, SY, SKY, SZ= 14653.	7945.8	-322.46	-1000.0	SIG1, SIG2, SIG3= 14668.	7930.3 -1000.0
S.I.= 1568.	SIGE= 13613.				
EL= 747	NODES= 211 212 272 271	MAT= 1	AREA= .555	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.379	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= 17.322	-39.648	58.619			
TOP SX, SY, SKY, SZ= 15338.	7679.0	199.77	0.	SIG1, SIG2, SIG3= 15338.	7675.8 -3.30015E-07
S.I.= 15338.	SIGE= 13283.				
MID SX, SY, SKY, SZ= 15243.	7884.9	-104.58	-500.00	SIG1, SIG2, SIG3= 15245.	7883.4 -500.00
S.I.= 15745.	SIGE= 13645.				
BOT SX, SY, SKY, SZ= 15153.	8090.7	-408.93	-1000.0	SIG1, SIG2, SIG3= 15177.	8067.1 -1000.0
S.I.= 16177.	SIGE= 14044.				
EL= 748	NODES= 212 213 273 272	MAT= 1	AREA= .612	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516	.8750	PRESS= 1000.0	0.	
MX, MY, MXY= -29.810	-52.529	64.934			
TOP SX, SY, SKY, SZ= 15186.	7605.1	236.32	0.	SIG1, SIG2, SIG3= 15194.	7597.8 -3.29728E-07
S.I.= 15194.	SIGE= 13158.				
MID SX, SY, SKY, SZ= 15341.	7877.8	-100.82	-500.00	SIG1, SIG2, SIG3= 15343.	7876.2 -500.00
S.I.= 15843.	SIGE= 13728.				
BOT SX, SY, SKY, SZ= 15496.	8150.6	-437.96	-1000.0	SIG1, SIG2, SIG3= 15522.	8124.6 -1000.0
S.I.= 16522.	SIGE= 14335.				
EL= 749	NODES= 213 214 274 273	MAT= 1	AREA= .676	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63



EL= 750 NODES= 214 215 275 274 MAT= 1 AREA= .746 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= 13.24 9.695 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -51.210 -62.324 62.035											
TOP SX, SY, SKY, SZ= 15166. 7469.4 262.97 0. SIG1, SIG2, SIG3= 15175. 7460.5 -.30173E-07											
S.I.= 15175. SIGE= 13142.											
MID SX, SY, SKY, SZ= 15432. 7793.0 -59.115 -500.00 SIG1, SIG2, SIG3= 15432. 7792.6 -500.00											
S.I.= 15932. SIGE= 13802.											
BOT SX, SY, SKY, SZ= 15698. 8116.6 -381.20 -1000.0 SIG1, SIG2, SIG3= 15717. 8097.5 -1000.0											
S.I.= 1677. SIGE= 14496.											
EL= 751 NODES= 215 216 276 275 MAT= 1 AREA= .823 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= 11.36 11.82 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -58.650 -71.288 48.620											
TOP SX, SY, SKY, SZ= 15212. 7252.5 270.76 0. SIG1, SIG2, SIG3= 15221. 7243.3 -.31129E-07											
S.I.= 15221. SIGE= 13187.											
MID SX, SY, SKY, SZ= 15516. 7622.7 18.303 -500.00 SIG1, SIG2, SIG3= 15516. 7622.6 -500.00											
S.I.= 16016. SIGE= 13871.											
BOT SX, SY, SKY, SZ= 15871. 7992.8 -234.11 -1000.0 SIG1, SIG2, SIG3= 15828. 7985.8 -1000.0											
S.I.= 16828. SIGE= 14585.											
EL= 752 NODES= 216 217 277 276 MAT= 1 AREA= .909 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= 8.905 13.75 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -68.749 -81.759 27.177											
TOP SX, SY, SKY, SZ= 15239. 6960.6 254.00 0. SIG1, SIG2, SIG3= 15247. 6952.8 -.32511E-07											
S.I.= 15247. SIGE= 13221.											
MID SX, SY, SKY, SZ= 15596. 7385.1 113.30 -500.00 SIG1, SIG2, SIG3= 15597. 7383.6 -500.00											
S.I.= 16097. SIGE= 13942.											
BOT SX, SY, SKY, SZ= 15953. 7809.6 -27.796 -1000.0 SIG1, SIG2, SIG3= 15953. 7809.5 -1000.0											
S.I.= 16953. SIGE= 14685.											
EL= 753 NODES= 217 218 278 277 MAT= 1 AREA= 1.00 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= 5.824 15.29 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -90.268 -93.060 3.9578											
TOP SX, SY, SKY, SZ= 15193. 6639.3 216.74 0. SIG1, SIG2, SIG3= 15199. 6633.8 -.33520E-07											
S.I.= 15199. SIGE= 13198.											
MID SX, SY, SKY, SZ= 15662. 7122.5 196.20 -500.00 SIG1, SIG2, SIG3= 15666. 7118.0 -500.00											
S.I.= 16166. SIGE= 14008.											
BOT SX, SY, SKY, SZ= 16131. 7605.6 172.65 -1000.0 SIG1, SIG2, SIG3= 16134. 7602.0 -1000.0											
S.I.= 17134. SIGE= 14839.											
EL= 754 NODES= 218 219 279 278 MAT= 1 AREA= 1.11 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= 2.137 16.20 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -104.12 -96.696 -14.153											
TOP SX, SY, SKY, SZ= 15155. 6370.0 160.06 0. SIG1, SIG2, SIG3= 15158. 6367.1 -.34406E-07											
S.I.= 15158. SIGE= 13183.											
MID SX, SY, SKY, SZ= 15696. 6872.1 233.54 -500.00 SIG1, SIG2, SIG3= 15702. 6865.9 -500.00											
S.I.= 16202. SIGE= 14051.											
BOT SX, SY, SKY, SZ= 16237. 7374.1 307.03 -1000.0 SIG1, SIG2, SIG3= 16247. 7363.5 -1000.0											
S.I.= 17247. SIGE= 14939.											
EL= 755 NODES= 219 220 280 279 MAT= 1 AREA= 1.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= -6.484 14.93 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -43.815 -71.193 -24.027											
TOP SX, SY, SKY, SZ= 15447. 6299.0 50.665 0. SIG1, SIG2, SIG3= 15447. 6298.7 -.35807E-07											
S.I.= 15447. SIGE= 13453.											
MID SX, SY, SKY, SZ= 15674. 6668.6 173.41 -500.00 SIG1, SIG2, SIG3= 15677. 6665.2 -500.00											
S.I.= 16177. SIGE= 14040.											
BOT SX, SY, SKY, SZ= 15901. 7038.2 300.16 -1000.0 SIG1, SIG2, SIG3= 15912. 7028.1 -1000.0											
S.I.= 16912. SIGE= 14652.											
EL= 756 NODES= 219 220 280 279 MAT= 1 AREA= 1.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63											
XC, YC, ZC= -6.484 14.93 .8750 PRESS= 1000.0 0.											
MX, MY, MXY= -43.815 -71.193 -24.027											
TOP SX, SY, SKY, SZ= 16562. 6721.1 -165.91 0. SIG1, SIG2, SIG3= 16565. 6718.3 -.38482E-07											
S.I.= 16565. SIGE= 14431.											

EL= 756	NODES= 220 221 281 280	MAT= 1	AREA= 1.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.58	12.57	8750	PRESS= 1000.0 0.		
MX,MY,MXY= 228.96	33.620	-27.484			
TOP SX,SY,SXY,SZ= 10553.	7133.0	-367.54	0.	SIG1,SIG2,SIG3= 16567.	7118.7 -0.36990E-07
S.I.= 16567.	SIGE= 14395.				
MID SX,SY,SXY,SZ= 15364.	6958.4	-224.84	-500.00	SIG1,SIG2,SIG3= 15370.	6952.4 -500.00
S.I.= 15870.	SIGE= 13752.				
BOT SX,SY,SXY,SZ= 14175.	6783.9	-82.143	-1000.0	SIG1,SIG2,SIG3= 14176.	6783.0 -1000.0
S.I.= 15175.	SIGE= 13145.				
EL= 757	NODES= 241 242 302 301	MAT= 1	AREA= .341	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -1.825	-16.41	1.178	PRESS= 1000.0 0.		
MX,MY,MXY= 120.72	-61.268	55.126			
TOP SX,SY,SXY,SZ= 14550.	6947.7	518.69	0.	SIG1,SIG2,SIG3= 14585.	6912.5 -0.30059E-07
S.I.= 14585.	SIGE= 12637.				
MID SX,SY,SXY,SZ= 13923.	7265.8	232.47	-500.00	SIG1,SIG2,SIG3= 13932.	7257.7 -500.00
S.I.= 14432.	SIGE= 12510.				
BOT SX,SY,SXY,SZ= 13297.	7583.9	-53.739	-1000.0	SIG1,SIG2,SIG3= 13297.	7583.4 -1000.0
S.I.= 14297.	SIGE= 12465.				
EL= 758	NODES= 242 243 303 302	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -8.762	-16.54	1.178	PRESS= 1000.0 0.		
MX,MY,MXY= -668.12	-265.66	36.949			
TOP SX,SY,SXY,SZ= 10680.	5672.5	378.54	0.	SIG1,SIG2,SIG3= 10709.	5644.1 -0.19845E-07
S.I.= 10709.	SIGE= 9278.6				
MID SX,SY,SXY,SZ= 14149.	7051.9	186.70	-500.00	SIG1,SIG2,SIG3= 14154.	7046.9 -500.00
S.I.= 14654.	SIGE= 12693.				
BOT SX,SY,SXY,SZ= 17618.	8431.2	-5.1342	-1000.0	SIG1,SIG2,SIG3= 17618.	8431.2 -1000.0
S.I.= 18618.	SIGE= 16124.				
EL= 759	NODES= 294 241 301 354	MAT= 1	AREA= .436	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -2.824	-16.19	1.178	PRESS= 1000.0 0.		
MX,MY,MXY= 883.39	140.35	35.656			
TOP SX,SY,SXY,SZ= 18439.	8249.4	326.05	0.	SIG1,SIG2,SIG3= 18449.	8239.0 -0.39959E-07
S.I.= 18449.	SIGE= 16008.				
MID SX,SY,SXY,SZ= 13852.	7520.7	140.92	-500.00	SIG1,SIG2,SIG3= 13855.	7517.6 -500.00
S.I.= 14355.	SIGE= 12460.				
BOT SX,SY,SXY,SZ= 9265.5	6792.0	-44.207	-1000.0	SIG1,SIG2,SIG3= 9266.3	6791.2 -1000.0
S.I.= 10266.	SIGE= 9279.7				
EL= 760	NODES= 243 244 304 303	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= .8805E-01	-18.57	1.178	PRESS= 1000.0 0.		
MX,MY,MXY= -549.72	-239.79	46.446			
TOP SX,SY,SXY,SZ= 11289.	5654.2	361.28	0.	SIG1,SIG2,SIG3= 11312.	5631.2 -0.22259E-07
S.I.= 11312.	SIGE= 9796.8				
MID SX,SY,SXY,SZ= 14143.	6899.2	120.14	-500.00	SIG1,SIG2,SIG3= 14145.	6897.2 -500.00
S.I.= 14645.	SIGE= 12683.				
BOT SX,SY,SXY,SZ= 16997.	8142.2	-121.01	-1000.0	SIG1,SIG2,SIG3= 16999.	8142.6 -1000.0
S.I.= 17999.	SIGE= 15588.				
EL= 761	NODES= 293 294 354 353	MAT= 1	AREA= .481	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -4.152	-15.92	1.178	PRESS= 1000.0 0.		
MX,MY,MXY= 745.02	108.50	24.729			
TOP SX,SY,SXY,SZ= 17731.	8223.3	153.68	0.	SIG1,SIG2,SIG3= 17734.	8220.9 -0.37261E-07
S.I.= 17734.	SIGE= 15372.				
MID SX,SY,SXY,SZ= 13863.	7659.5	25.284	-500.00	SIG1,SIG2,SIG3= 13863.	7659.4 -500.00
S.I.= 14363.	SIGE= 17477.				
BOT SX,SY,SXY,SZ= 9995.1	7095.6	-103.11	-1000.0	SIG1,SIG2,SIG3= 9998.8	7092.0 -1000.0
S.I.= 10999.	SIGE= 9871.8				

EL= 762	NODES= 244 245 305 304	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 1.052	-16.53 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -448.24	-220.44 47.581				
TOP SX,SY,SXY,SZ= 11793.	5636.1	325.76	0.	SIG1,SIG2,SIG3= 11811.	5618.9 -2.24175E-07
S.I.= 11811.	SIGE= 10232.				
MID SX,SY,SXY,SZ= 14100.	6782.6	78.725	-500.00	SIG1,SIG2,SIG3= 14101.	6781.8 -500.00
S.I.= 14601.	SIGE= 12645.				
BOT SX,SY,SXY,SZ= 16406.	7929.2	-168.31	-1000.0	SIG1,SIG2,SIG3= 16410.	7925.9 -1000.0
S.I.= 17410.	SIGE= 15079.				
EL= 763	NODES= 292 293 353 352	MAT= 1	AREA= .531	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -5.510	-15.50 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 603.29	69.465 9.8982				
TOP SX,SY,SXY,SZ= 17062.	8108.8	-7.5021	0.	SIG1,SIG2,SIG3= 17062.	8108.8 -3.35005E-07
S.I.= 17062.	SIGE= 16782.				
MID SX,SY,SXY,SZ= 13929.	7748.1	-58.893	-500.00	SIG1,SIG2,SIG3= 13930.	7747.6 -500.00
S.I.= 14430.	SIGE= 12539.				
BOT SX,SY,SXY,SZ= 10797.	7387.5	-110.28	-1000.0	SIG1,SIG2,SIG3= 10801.	7383.9 -1000.0
S.I.= 11801.	SIGE= 10517.				
EL= 764	NODES= 245 246 306 305	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.012	-16.44 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -350.17	-200.94 42.498				
TOP SX,SY,SXY,SZ= 12257.	5645.1	285.14	0.	SIG1,SIG2,SIG3= 12269.	5632.9 -2.25952E-07
S.I.= 12269.	SIGE= 10637.				
MID SX,SY,SXY,SZ= 14075.	6688.4	64.490	-500.00	SIG1,SIG2,SIG3= 14075.	6687.9 -500.00
S.I.= 14575.	SIGE= 12623.				
BOT SX,SY,SXY,SZ= 15893.	7731.7	-156.16	-1000.0	SIG1,SIG2,SIG3= 15896.	7728.7 -1000.0
S.I.= 16896.	SIGE= 14635.				
EL= 765	NODES= 291 292 352 351	MAT= 1	AREA= .587	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -6.961	-14.90 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 58.99	24.339 -6.8921				
TOP SX,SY,SXY,SZ= 16361.	7903.7	-149.29	0.	SIG1,SIG2,SIG3= 16364.	7901.0 -3.33074E-07
S.I.= 16364.	SIGE= 14174.				
MID SX,SY,SXY,SZ= 13978.	7777.3	-113.51	-500.00	SIG1,SIG2,SIG3= 13980.	7775.2 -500.00
S.I.= 14480.	SIGE= 12583.				
BOT SX,SY,SXY,SZ= 11595.	7650.9	-77.725	-1000.0	SIG1,SIG2,SIG3= 11596.	7649.4 -1000.0
S.I.= 12596.	SIGE= 11159.				
EL= 766	NODES= 246 247 307 306	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.966	-16.30 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -268.60	-181.70 36.116				
TOP SX,SY,SXY,SZ= 12672.	5658.7	247.37	0.	SIG1,SIG2,SIG3= 12680.	5650.0 -2.27461E-07
S.I.= 12680.	SIGE= 11003.				
MID SX,SY,SXY,SZ= 14066.	6602.1	59.853	-500.00	SIG1,SIG2,SIG3= 14067.	6601.6 -500.00
S.I.= 14567.	SIGE= 12616.				
BOT SX,SY,SXY,SZ= 15461.	7545.4	-127.66	-1000.0	SIG1,SIG2,SIG3= 15463.	7543.4 -1000.0
S.I.= 16463.	SIGE= 14261.				
EL= 767	NODES= 290 291 351 350	MAT= 1	AREA= .648	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -8.487	-14.08 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 315.57	-24.149 -21.076				
TOP SX,SY,SXY,SZ= 15670.	7626.1	-263.54	0.	SIG1,SIG2,SIG3= 15679.	7617.5 -3.31566E-07
S.I.= 15679.	SIGE= 13580.				
MID SX,SY,SXY,SZ= 14032.	7751.5	-154.11	-500.00	SIG1,SIG2,SIG3= 14036.	7747.7 -500.00
S.I.= 14530.	SIGE= 12626.				
BOT SX,SY,SXY,SZ= 12393.	7876.8	-44.688	-1000.0	SIG1,SIG2,SIG3= 12394.	7876.4 -1000.0
S.I.= 13394.	SIGE= 11802.				
EL= 768	NODES= 247 248 308 307	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 3.909	-16.10 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -199.90	-164.77 29.561				



TOP	SX,SY,SXY,SZ=	13027.	5669.5	217.17	0.	SIG1,SIG2,SIG3=	13033.	5663.1	-.28832E-07
	S.I.=	13033.	SIGE=	11319.					
MID	SX,SY,SXY,SZ=	14064.	6525.0	63.686	-500.00	SIG1,SIG2,SIG3=	14065.	6524.5	-500.00
	S.I.=	14065.	SIGE=	12616.					
BOT	SX,SY,SXY,SZ=	15102.	7380.5	-89.796	-1000.0	SIG1,SIG2,SIG3=	15103.	7379.5	-1000.0
	S.I.=	15103.	SIGE=	13950.					
EL= 769 NODES= 289 290 350 349 MAT= 1 AREA= .715 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -10.06 -12.99 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= 176.55 -72.864 -29.769									
TOP	SX,SY,SXY,SZ=	15014.	7285.5	-327.08	0.	SIG1,SIG2,SIG3=	15027.	7271.7	-.30350E-07
	S.I.=	15027.	SIGE=	13016.					
MID	SX,SY,SXY,SZ=	14097.	7663.8	-172.51	-500.00	SIG1,SIG2,SIG3=	14101.	7659.2	-500.00
	S.I.=	14601.	SIGE=	12674.					
BOT	SX,SY,SXY,SZ=	13180.	8042.2	-17.951	-1000.0	SIG1,SIG2,SIG3=	13180.	8042.1	-1000.0
	S.I.=	14180.	SIGE=	12435.					
EL= 770 NODES= 248 249 309 308 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.840 -15.84 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -144.58 -151.24 22.978									
TOP	SX,SY,SXY,SZ=	13320.	5673.1	194.61	0.	SIG1,SIG2,SIG3=	13325.	5668.2	-.29908E-07
	S.I.=	13325.	SIGE=	11583.					
MID	SX,SY,SXY,SZ=	14071.	6458.4	75.311	-500.00	SIG1,SIG2,SIG3=	14071.	6457.6	-500.00
	S.I.=	14571.	SIGE=	12623.					
BOT	SX,SY,SXY,SZ=	14821.	7243.6	-43.993	-1000.0	SIG1,SIG2,SIG3=	14822.	7243.4	-1000.0
	S.I.=	15822.	SIGE=	13706.					
EL= 771 NODES= 288 289 349 348 MAT= 1 AREA= .789 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -11.64 -11.59 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= 45.145 -118.44 -31.127									
TOP	SX,SY,SXY,SZ=	14412.	6914.4	-332.04	0.	SIG1,SIG2,SIG3=	14426.	6899.7	-.29389E-07
	S.I.=	14426.	SIGE=	12498.					
MID	SX,SY,SXY,SZ=	14177.	7529.3	-170.43	-500.00	SIG1,SIG2,SIG3=	14182.	7524.9	-500.00
	S.I.=	14682.	SIGE=	12733.					
BOT	SX,SY,SXY,SZ=	13943.	8144.3	-8.8129	-1000.0	SIG1,SIG2,SIG3=	13943.	8144.2	-1000.0
	S.I.=	14943.	SIGE=	13049.					
EL= 772 NODES= 249 250 310 309 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 5.753 -15.53 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -102.96 -141.20 16.539									
TOP	SX,SY,SXY,SZ=	13547.	5668.2	178.18	0.	SIG1,SIG2,SIG3=	13551.	5664.1	-.30827E-07
	S.I.=	13551.	SIGE=	11788.					
MID	SX,SY,SXY,SZ=	14082.	6401.3	92.314	-500.00	SIG1,SIG2,SIG3=	14083.	6400.2	-500.00
	S.I.=	14583.	SIGE=	12635.					
BOT	SX,SY,SXY,SZ=	14616.	7134.4	6.4457	-1000.0	SIG1,SIG2,SIG3=	14616.	7134.4	-1000.0
	S.I.=	15616.	SIGE=	13528.					
EL= 773 NODES= 287 288 348 347 MAT= 1 AREA= .871 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.15 -9.824 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -75.593 -157.76 -25.216									
TOP	SX,SY,SXY,SZ=	13884.	6558.1	-278.74	0.	SIG1,SIG2,SIG3=	13894.	6547.5	-.28707E-07
	S.I.=	13894.	SIGE=	12040.					
MID	SX,SY,SXY,SZ=	14276.	7377.2	-147.81	-500.00	SIG1,SIG2,SIG3=	14279.	7374.1	-500.00
	S.I.=	14779.	SIGE=	12809.					
BOT	SX,SY,SXY,SZ=	14669.	8196.3	-16.892	-1000.0	SIG1,SIG2,SIG3=	14669.	8196.3	-1000.0
	S.I.=	15669.	SIGE=	13638.					
EL= 774 NODES= 250 251 311 310 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 6.648 -15.17 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -75.354 -134.90 10.388									
TOP	SX,SY,SXY,SZ=	13707.	5653.4	167.54	0.	SIG1,SIG2,SIG3=	13711.	5649.9	-.31458E-07
	S.I.=	13711.	SIGE=	11955.					
MID	SX,SY,SXY,SZ=	14098.	6353.8	113.60	-500.00	SIG1,SIG2,SIG3=	14100.	6352.2	-500.00
	S.I.=	14600.	SIGE=	12652.					



EL= 775 NODES= 286 287 347 346 MAT= 1 AREA= .962 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -14.52 -7.647 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -181.45 -187.43 -15.088									
TOP SX,SY,SXY,SZ= 13453. 6277.7 -187.20 0. SIG1,SIG2,SIG3= 13457. 6272.8 -.28126E-07									
S.I.= 13457. SIGE= 11663.									
MID SX,SY,SXY,SZ= 14395. 7250.8 -108.86 -500.00 SIG1,SIG2,SIG3= 14396. 7249.2 -500.00									
S.I.= 14396. SIGE= 12904.									
BOT SX,SY,SXY,SZ= 15337. 8224.0 -30.521 -1000.0 SIG1,SIG2,SIG3= 15337. 8223.8 -1000.0									
S.I.= 16337. SIGE= 14187.									
EL= 776 NODES= 251 252 312 311 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 7.520 -14.76 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -61.934 -132.38 4.5703									
TOP SX,SY,SXY,SZ= 13798. 5628.1 160.79 0. SIG1,SIG2,SIG3= 13801. 5624.9 -.31986E-07									
S.I.= 13801. SIGE= 12020.									
MID SX,SY,SXY,SZ= 14120. 6315.4 137.06 -500.00 SIG1,SIG2,SIG3= 14122. 6313.0 -500.00									
S.I.= 14622. SIGE= 12673.									
BOT SX,SY,SXY,SZ= 14441. 7002.7 113.33 -1000.0 SIG1,SIG2,SIG3= 14443. 7001.0 -1000.0									
S.I.= 15443. SIGE= 13377.									
EL= 777 NODES= 285 286 346 345 MAT= 1 AREA= 1.06 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.60 -5.031 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -264.42 -204.72 -6.2419									
TOP SX,SY,SXY,SZ= 13157. 6135.4 -94.662 0. SIG1,SIG2,SIG3= 13158. 6134.1 -.27461E-07									
S.I.= 13158. SIGE= 11404.									
MID SX,SY,SXY,SZ= 14530. 7198.3 -62.254 -500.00 SIG1,SIG2,SIG3= 14530. 7197.7 -500.00									
S.I.= 15030. SIGE= 13018.									
BOT SX,SY,SXY,SZ= 15903. 8261.2 -29.847 -1000.0 SIG1,SIG2,SIG3= 15903. 8261.0 -1000.0									
S.I.= 16903. SIGE= 14661.									
EL= 778 NODES= 252 253 313 312 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.366 -14.30 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -62.780 -133.68 -.95153									
TOP SX,SY,SXY,SZ= 13820. 5592.1 155.91 0. SIG1,SIG2,SIG3= 13823. 5589.2 -.32283E-07									
S.I.= 13823. SIGE= 12044.									
MID SX,SY,SXY,SZ= 14146. 6286.2 160.85 -500.00 SIG1,SIG2,SIG3= 14150. 6282.9 -500.00									
S.I.= 14650. SIGE= 12698.									
BOT SX,SY,SXY,SZ= 14472. 6980.2 165.79 -1000.0 SIG1,SIG2,SIG3= 14476. 6976.5 -1000.0									
S.I.= 15476. SIGE= 13405.									
EL= 779 NODES= 284 285 345 344 MAT= 1 AREA= 1.17 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.26 -1.976 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -308.61 -205.97 -3.9344									
TOP SX,SY,SXY,SZ= 13069. 6180.3 -48.532 0. SIG1,SIG2,SIG3= 13069. 6179.9 -.26883E-07									
S.I.= 13069. SIGE= 11324.									
MID SX,SY,SXY,SZ= 14672. 7249.7 -28.105 -500.00 SIG1,SIG2,SIG3= 14673. 7249.6 -500.00									
S.I.= 15173. SIGE= 13141.									
BOT SX,SY,SXY,SZ= 16276. 8319.1 -7.6771 -1000.0 SIG1,SIG2,SIG3= 16276. 8319.1 -1000.0									
S.I.= 17276. SIGE= 14977.									
EL= 780 NODES= 253 254 314 313 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.184 -13.79 1.178 PRESS= 1000.0 0.									
MX,MY,MXY= -77.809 -138.71 -6.2614									
TOP SX,SY,SXY,SZ= 13774. 5546.3 150.45 0. SIG1,SIG2,SIG3= 13776. 5543.6 -.32150E-07									
S.I.= 13776. SIGE= 12006.									
MID SX,SY,SXY,SZ= 14178. 6266.5 182.96 -500.00 SIG1,SIG2,SIG3= 14182. 6262.3 -500.00									
S.I.= 14682. SIGE= 12728.									
BOT SX,SY,SXY,SZ= 14582. 6986.7 215.47 -1000.0 SIG1,SIG2,SIG3= 14588. 6980.6 -1000.0									
S.I.= 15588. SIGE= 13501.									
EL= 781 NODES= 283 284 344 343 MAT= 1 AREA= 1.29 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									

EL= 782	NODES= 254	255	315	314	MAT= 1	AREA= .343	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.971	-13.23	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	-291.41	-185.40	-9.3803					
TOP SX, SY, SKY, SZ=	13298.	6415.0	-87.158	0.	SIG1, SIG2, SIG3=	13299.	6413.8	-.26904E-07
S.I.=	13299.	SIGE= 11519.						
MID SX, SY, SKY, SZ=	14812.	7377.5	-38.455	-500.00	SIG1, SIG2, SIG3=	14812.	7377.3	-500.00
S.I.=	15312.	SIGE= 13262.						
BOT SX, SY, SKY, SZ=	16326.	8340.1	10.248	-1000.0	SIG1, SIG2, SIG3=	16326.	8340.1	-1000.0
S.I.=	17326.	SIGE= 15020.						
EL= 783	NODES= 282	283	343	342	MAT= 1	AREA= 1.43	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50	5.181	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	-195.28	-139.59	-18.346					
TOP SX, SY, SKY, SZ=	13660.	5492.2	142.11	0.	SIG1, SIG2, SIG3=	13662.	5489.7	-.32029E-07
S.I.=	13662.	SIGE= 11907.						
MID SX, SY, SKY, SZ=	14214.	6257.3	201.59	-500.00	SIG1, SIG2, SIG3=	14219.	6252.2	-500.00
S.I.=	14219.	SIGE= 12762.						
BOT SX, SY, SKY, SZ=	14768.	7022.4	261.08	-1000.0	SIG1, SIG2, SIG3=	14777.	7013.6	-1000.0
S.I.=	15777.	SIGE= 13664.						
EL= 784	NODES= 255	256	310	315	MAT= 1	AREA= .343	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	10.72	-12.63	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	-149.27	-159.44	-16.615					
TOP SX, SY, SKY, SZ=	13480.	5432.0	128.75	0.	SIG1, SIG2, SIG3=	13482.	5430.0	-.31488E-07
S.I.=	13482.	SIGE= 11749.						
MID SX, SY, SKY, SZ=	14255.	6259.8	215.02	-500.00	SIG1, SIG2, SIG3=	14261.	6254.1	-500.00
S.I.=	14761.	SIGE= 12798.						
BOT SX, SY, SKY, SZ=	15030.	7087.7	301.29	-1000.0	SIG1, SIG2, SIG3=	15041.	7076.3	-1000.0
S.I.=	16041.	SIGE= 13892.						
EL= 785	NODES= 281	282	342	341	MAT= 1	AREA= 1.58	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65	8.935	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	-25.003	-76.803	-24.910					
TOP SX, SY, SKY, SZ=	14984.	6933.3	-351.05	0.	SIG1, SIG2, SIG3=	14984.	6918.0	-.31588E-07
S.I.=	14984.	SIGE= 12989.						
MID SX, SY, SKY, SZ=	15098.	7332.1	-221.72	-500.00	SIG1, SIG2, SIG3=	15105.	7325.8	-500.00
S.I.=	15605.	SIGE= 13514.						
BOT SX, SY, SKY, SZ=	15228.	7730.9	-92.386	-1000.0	SIG1, SIG2, SIG3=	15229.	7729.7	-1000.0
S.I.=	16229.	SIGE= 14068.						
EL= 786	NODES= 280	281	341	340	MAT= 1	AREA= 1.74	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.58	12.37	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	217.01	-6.3675	-27.096					
TOP SX, SY, SKY, SZ=	16403.	6932.8	-352.81	0.	SIG1, SIG2, SIG3=	16416.	6919.6	-.37122E-07
S.I.=	16416.	SIGE= 14275.						
MID SX, SY, SKY, SZ=	15276.	6965.8	-212.13	-500.00	SIG1, SIG2, SIG3=	15282.	6960.4	-500.00
S.I.=	15782.	SIGE= 13674.						
BOT SX, SY, SKY, SZ=	14150.	6998.9	-71.445	-1000.0	SIG1, SIG2, SIG3=	14150.	6998.2	-1000.0
S.I.=	15150.	SIGE= 13127.						
EL= 787	NODES= 256	257	317	316	MAT= 1	AREA= .343	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.44	-11.98	1.178	PRESS= 1000.0	0.			
MX, MY, MXY=	-204.74	-174.69	-21.762					
TOP SX, SY, SKY, SZ=	13237.	5368.6	108.97	0.	SIG1, SIG2, SIG3=	13238.	5367.0	-.30803E-07
S.I.=	13238.	SIGE= 11533.						

MID	SX,SY,SXY,SZ=	14300.	6275.5	221.96	-500.00	SIG1,SIG2,SIG3=	14306.	6269.4	-500.00
	S.I.=	14806.	SIGE=	12838.					
BOT	SX,SY,SXY,SZ=	15363.	7182.5	334.95	-1000.0	SIG1,SIG2,SIG3=	15377.	7168.8	-1000.0
	S.I.=	16377.	SIGE=	14183.					
EL= 788 NODES= 257 258 318 317 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	12.12	-11.30	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-272.53	-192.81	-26.845					
TOP	SX,SY,SXY,SZ=	12934.	5305.0	81.668	0.	SIG1,SIG2,SIG3=	12935.	5304.1	-.29823E-07
	S.I.=	12935.	SIGE=	11263.					
MID	SX,SY,SXY,SZ=	14349.	6306.0	221.05	-500.00	SIG1,SIG2,SIG3=	14355.	6300.0	-500.00
	S.I.=	14855.	SIGE=	12880.					
BOT	SX,SY,SXY,SZ=	15764.	7307.1	360.42	-1000.0	SIG1,SIG2,SIG3=	15780.	7291.8	-1000.0
	S.I.=	16780.	SIGE=	14532.					
EL= 789 NODES= 258 259 319 318 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	12.76	-10.57	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-351.90	-213.40	-31.729					
TOP	SX,SY,SXY,SZ=	12575.	5244.0	47.514	0.	SIG1,SIG2,SIG3=	12575.	5243.7	-.28682E-07
	S.I.=	12575.	SIGE=	10941.					
MID	SX,SY,SXY,SZ=	14402.	6352.0	212.25	-500.00	SIG1,SIG2,SIG3=	14408.	6346.4	-500.00
	S.I.=	14908.	SIGE=	12925.					
BOT	SX,SY,SXY,SZ=	16229.	7459.9	376.99	-1000.0	SIG1,SIG2,SIG3=	16245.	7443.8	-1000.0
	S.I.=	17245.	SIGE=	14936.					
EL= 790 NODES= 259 260 320 319 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	13.35	-9.810	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-442.24	-236.18	-36.297					
TOP	SX,SY,SXY,SZ=	12165.	5188.0	6.0768	0.	SIG1,SIG2,SIG3=	12165.	5188.0	-.27292E-07
	S.I.=	12165.	SIGE=	10573.					
MID	SX,SY,SXY,SZ=	14461.	6414.3	194.53	-500.00	SIG1,SIG2,SIG3=	14466.	6409.6	-500.00
	S.I.=	14966.	SIGE=	12973.					
BOT	SX,SY,SXY,SZ=	16757.	7640.5	382.99	-1000.0	SIG1,SIG2,SIG3=	16773.	7624.5	-1000.0
	S.I.=	17773.	SIGE=	15394.					
EL= 791 NODES= 260 261 321 320 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	13.90	-9.017	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-542.97	-259.85	-40.410					
TOP	SX,SY,SXY,SZ=	11705.	5141.3	-40.359	0.	SIG1,SIG2,SIG3=	11705.	5141.0	-.25741E-07
	S.I.=	11705.	SIGE=	10162.					
MID	SX,SY,SXY,SZ=	14524.	6490.4	169.45	-500.00	SIG1,SIG2,SIG3=	14528.	6486.8	-500.00
	S.I.=	15028.	SIGE=	13025.					
BOT	SX,SY,SXY,SZ=	17343.	7839.6	379.26	-1000.0	SIG1,SIG2,SIG3=	17358.	7824.4	-1000.0
	S.I.=	18358.	SIGE=	15903.					
EL= 792 NODES= 261 262 322 321 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	14.40	-8.193	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-653.98	-282.55	-42.724					
TOP	SX,SY,SXY,SZ=	11209.	5108.3	-84.489	0.	SIG1,SIG2,SIG3=	11210.	5107.2	-.23833E-07
	S.I.=	11210.	SIGE=	9720.7					
MID	SX,SY,SXY,SZ=	14604.	6575.3	137.33	-500.00	SIG1,SIG2,SIG3=	14606.	6573.0	-500.00
	S.I.=	15106.	SIGE=	13091.					
BOT	SX,SY,SXY,SZ=	18000.	8042.3	359.16	-1000.0	SIG1,SIG2,SIG3=	18012.	8029.4	-1000.0
	S.I.=	19012.	SIGE=	16472.					
EL= 793 NODES= 262 263 323 322 MAT= 1 AREA= .343 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	14.85	-7.341	1.178		PRESS=	1000.0	0.	
	MX,MY,MXY=	-774.59	-302.76	-37.724					
TOP	SX,SY,SXY,SZ=	10680.	5108.8	-116.53	0.	SIG1,SIG2,SIG3=	10683.	5106.4	-.21780E-07
	S.I.=	10683.	SIGE=	9254.6					
MID	SX,SY,SXY,SZ=	14702.	6680.7	79.332	-500.00	SIG1,SIG2,SIG3=	14703.	6680.0	-500.00
	S.I.=	15203.	SIGE=	13173.					
BOT	SX,SY,SXY,SZ=	18724.	8252.6	275.20	-1000.0	SIG1,SIG2,SIG3=	18731.	8245.4	-1000.0
	S.I.=	19731.	SIGE=	17099.					



EL= 794	NODES= 263 264 324 323	MAT= 1	AREA= .343	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.25	-6.464 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -216.08	-527.89 -21.982				
TOP SX,SY,SXY,SZ= 10055.	5110.6 -113.03 0.	SIG1,SIG2,SIG3= 10057.	5108.0	-1.9325E-07	
S.I.= 10057.	SIGE= 8710.1				
MID SX,SY,SXY,SZ= 14759.	6813.0 1.1075 -500.00	SIG1,SIG2,SIG3= 14759.	6813.0	-500.00	
S.I.= 15259.	SIGE= 13218.				
BOT SX,SY,SXY,SZ= 19463.	8515.4 115.24 -1000.0	SIG1,SIG2,SIG3= 19464.	8514.2	-1000.0	
S.I.= 20464.	SIGE= 17737.				
EL= 795	NODES= 264 265 325 324	MAT= 1	AREA= .341	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.55	-5.554 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= -81.640	-108.75 -36.386				
TOP SX,SY,SXY,SZ= 14152.	6412.7 -249.01 0.	SIG1,SIG2,SIG3= 14160.	6404.7	-.30343E-07	
S.I.= 14160.	SIGE= 12282.				
MID SX,SY,SXY,SZ= 14576.	6977.3 -60.094 -500.00	SIG1,SIG2,SIG3= 14576.	6976.8	-500.00	
S.I.= 15076.	SIGE= 13057.				
BOT SX,SY,SXY,SZ= 15000.	7541.9 128.82 -1000.0	SIG1,SIG2,SIG3= 15002.	7539.7	-1000.0	
S.I.= 16002.	SIGE= 13869.				
EL= 796	NODES= 265 266 326 325	MAT= 1	AREA= .436	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.82	-4.498 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 718.74	107.40 -17.791				
TOP SX,SY,SXY,SZ= 18295.	7753.5 -130.64 0.	SIG1,SIG2,SIG3= 18297.	7751.9	-.41176E-07	
S.I.= 18297.	SIGE= 15907.				
MID SX,SY,SXY,SZ= 14564.	7195.9 -38.272 -500.00	SIG1,SIG2,SIG3= 14564.	7195.7	-500.00	
S.I.= 15064.	SIGE= 13047.				
BOT SX,SY,SXY,SZ= 10832.	6638.2 54.099 -1000.0	SIG1,SIG2,SIG3= 10833.	6637.5	-1000.0	
S.I.= 11833.	SIGE= 10391.				
EL= 797	NODES= 266 267 327 326	MAT= 1	AREA= .481	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.13	-3.246 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 577.44	80.340 -10.934				
TOP SX,SY,SXY,SZ= 17638.	7763.5 -61.378 0.	SIG1,SIG2,SIG3= 17638.	7763.2	-.38694E-07	
S.I.= 17638.	SIGE= 15312.				
MID SX,SY,SXY,SZ= 14640.	7346.4 -4.6114 -500.00	SIG1,SIG2,SIG3= 14640.	7346.4	-500.00	
S.I.= 15140.	SIGE= 13114.				
BOT SX,SY,SXY,SZ= 11642.	6929.3 52.155 -1000.0	SIG1,SIG2,SIG3= 11642.	6928.7	-1000.0	
S.I.= 12642.	SIGE= 11066.				
EL= 798	NODES= 267 268 328 327	MAT= 1	AREA= .531	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.34	-1.840 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 442.50	48.728 88137				
TOP SX,SY,SXY,SZ= 17066.	7742.3 -1.5679 0.	SIG1,SIG2,SIG3= 17066.	7742.3	-.36531E-07	
S.I.= 17066.	SIGE= 14801.				
MID SX,SY,SXY,SZ= 14769.	7489.3 -6.1440 -500.00	SIG1,SIG2,SIG3= 14769.	7489.3	-500.00	
S.I.= 15269.	SIGE= 13228.				
BOT SX,SY,SXY,SZ= 12471.	7236.4 -10.720 -1000.0	SIG1,SIG2,SIG3= 12471.	7236.3	-1000.0	
S.I.= 13471.	SIGE= 11763.				
EL= 799	NODES= 268 269 329 328	MAT= 1	AREA= .587	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.44	-.2740 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 312.37	15.837 15.906				
TOP SX,SY,SXY,SZ= 16494.	7703.7 48.248 0.	SIG1,SIG2,SIG3= 16494.	7703.4	-.34397E-07	
S.I.= 16494.	SIGE= 14295.				
MID SX,SY,SXY,SZ= 14872.	7621.4 -34.336 -500.00	SIG1,SIG2,SIG3= 14872.	7621.3	-500.00	
S.I.= 15372.	SIGE= 13320.				
BOT SX,SY,SXY,SZ= 13250.	7536.8 -116.92 -1000.0	SIG1,SIG2,SIG3= 13253.	7536.8	-1000.0	
S.I.= 14253.	SIGE= 12424.				
EL= 800	NODES= 269 270 330 329	MAT= 1	AREA= .648	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.37	1.457 1.178	PRESS= 1000.0	0.		
MX,MY,MXY= 192.35	-15.682 31.578				



TOP	SX,SY,SXY,SZ=	15973.	7662.0	99.214	0.	SIG1,SIG2,SIG3=	15974.	7661.4	-.32572E-07		
	S.I.=	15974.	SIGE=	13838.							
MID	SX,SY,SXY,SZ=	14974.	7744.0	-64.740	-500.00	SIG1,SIG2,SIG3=	14975.	7743.5	-500.00		
	S.I.=	15475.	SIGE=	13411.							
BOT	SX,SY,SXY,SZ=	13975.	7825.5	-268.69	-1000.0	SIG1,SIG2,SIG3=	13984.	7817.0	-1000.0		
	S.I.=	14984.	SIGE=	13044.							
EL=	801	NODES=	270 271 331 330	MAT=	1	AREA=	.715	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	16.09	3.347	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	89.504	-43.722	46.479							
TOP	SX,SY,SXY,SZ=	15539.	7609.6	143.82	0.	SIG1,SIG2,SIG3=	15542.	7607.0	-.31054E-07		
	S.I.=	15542.	SIGE=	13461.							
MID	SX,SY,SXY,SZ=	15075.	7836.6	-97.501	-500.00	SIG1,SIG2,SIG3=	15076.	7835.3	-500.00		
	S.I.=	15576.	SIGE=	13500.							
BOT	SX,SY,SXY,SZ=	14610.	8063.6	-338.82	-1000.0	SIG1,SIG2,SIG3=	14627.	8046.2	-1000.0		
	S.I.=	15627.	SIGE=	13590.							
EL=	802	NODES=	271 272 332 331	MAT=	1	AREA=	.789	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	15.52	5.379	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	10.819	-67.245	58.499							
TOP	SX,SY,SXY,SZ=	15227.	7537.1	186.19	0.	SIG1,SIG2,SIG3=	15231.	7532.6	-.30132E-07		
	S.I.=	15231.	SIGE=	13191.							
MID	SX,SY,SXY,SZ=	15171.	7886.2	-117.54	-500.00	SIG1,SIG2,SIG3=	15173.	7884.3	-500.00		
	S.I.=	15673.	SIGE=	13584.							
BOT	SX,SY,SXY,SZ=	15114.	8235.3	-421.27	-1000.0	SIG1,SIG2,SIG3=	15140.	8209.6	-1000.0		
	S.I.=	16140.	SIGE=	14024.							
EL=	803	NODES=	272 273 333 332	MAT=	1	AREA=	.871	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	14.60	7.516	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	-39.576	-86.278	64.502							
TOP	SX,SY,SXY,SZ=	15053.	7427.1	224.00	0.	SIG1,SIG2,SIG3=	15060.	7420.5	-.29949E-07		
	S.I.=	15060.	SIGE=	13043.							
MID	SX,SY,SXY,SZ=	15259.	7875.1	-110.89	-500.00	SIG1,SIG2,SIG3=	15260.	7873.4	-500.00		
	S.I.=	15260.	SIGE=	13658.							
BOT	SX,SY,SXY,SZ=	15464.	8323.0	-445.78	-1000.0	SIG1,SIG2,SIG3=	15492.	8295.3	-1000.0		
	S.I.=	16492.	SIGE=	14321.							
EL=	804	NODES=	273 274 334 333	MAT=	1	AREA=	.962	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	13.24	9.695	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	-64.024	-101.03	61.427							
TOP	SX,SY,SXY,SZ=	15006.	7261.5	252.29	0.	SIG1,SIG2,SIG3=	15015.	7253.3	-.30362E-07		
	S.I.=	15015.	SIGE=	13006.							
MID	SX,SY,SXY,SZ=	15339.	7786.0	-66.633	-500.00	SIG1,SIG2,SIG3=	15339.	7785.4	-500.00		
	S.I.=	15839.	SIGE=	13722.							
BOT	SX,SY,SXY,SZ=	15671.	8310.6	-385.56	-1000.0	SIG1,SIG2,SIG3=	15691.	8290.4	-1000.0		
	S.I.=	16691.	SIGE=	14486.							
EL=	805	NODES=	274 275 335 334	MAT=	1	AREA=	1.06	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	11.36	11.82	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	-73.589	-112.95	48.042							
TOP	SX,SY,SXY,SZ=	15032.	7027.0	262.08	0.	SIG1,SIG2,SIG3=	15041.	7018.5	-.31455E-07		
	S.I.=	15041.	SIGE=	13035.							
MID	SX,SY,SXY,SZ=	15414.	7613.4	12.650	-500.00	SIG1,SIG2,SIG3=	15414.	7613.4	-500.00		
	S.I.=	15914.	SIGE=	13783.							
BOT	SX,SY,SXY,SZ=	15796.	8199.8	-236.78	-1000.0	SIG1,SIG2,SIG3=	15804.	8192.5	-1000.0		
	S.I.=	16804.	SIGE=	14574.							
EL=	806	NODES=	275 276 336 335	MAT=	1	AREA=	1.17	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	8.905	13.75	1.178		PRESS=	1000.0	0.			
	MX,MY,MXY=	-84.383	-124.28	26.775							
TOP	SX,SY,SXY,SZ=	15047.	6731.2	247.44	0.	SIG1,SIG2,SIG3=	15055.	6723.8	-.32610E-07		
	S.I.=	15055.	SIGE=	13062.							
MID	SX,SY,SXY,SZ=	15485.	7376.4	106.42	-500.00	SIG1,SIG2,SIG3=	15487.	7375.0	-500.00		
	S.I.=	15987.	SIGE=	13845.							

EL= 807	NODES= 276 277 337 336	MAT= 1	AREA= 1.29	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	5.824 15.29 1.178	PRESS=	1000.0 0.		
MX, MY, MXY=	-105.52 -135.96 3.7848				
TOP SX, SY, SKY, SZ=	14997. 6410.9 211.27 0.	SIG1, SIG2, SIG3=	15002. 6405.7 -.33645E-07		
S.I.=	15002. SIGE= 13038.				
MID SX, SY, SKY, SZ=	13544. 7116.8 191.62 -500.00	SIG1, SIG2, SIG3=	15549. 7112.5 -500.00		
S.I.=	16049. SIGE= 13905.				
BOT SX, SY, SKY, SZ=	16092. 7822.7 171.97 -1000.0	SIG1, SIG2, SIG3=	16096. 7819.2 -1000.0		
S.I.=	17096. SIGE= 14808.				
EL= 808	NODES= 277 278 338 337	MAT= 1	AREA= 1.43	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.137 16.20 1.178	PRESS=	1000.0 0.		
MX, MY, MXY=	-118.76 -140.99 -13.997				
TOP SX, SY, SKY, SZ=	14958. 6139.6 157.53 0.	SIG1, SIG2, SIG3=	14961. 6136.8 -.34436E-07		
S.I.=	14961. SIGE= 13026.				
MID SX, SY, SKY, SZ=	15575. 6871.7 230.20 -500.00	SIG1, SIG2, SIG3=	15581. 6865.6 -500.00		
S.I.=	16081. SIGE= 13943.				
BOT SX, SY, SKY, SZ=	16192. 7603.7 302.88 -1000.0	SIG1, SIG2, SIG3=	16202. 7593.0 -1000.0		
S.I.=	17202. SIGE= 14898.				
EL= 809	NODES= 278 279 339 338	MAT= 1	AREA= 1.58	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.048 16.18 1.178	PRESS=	1000.0 0.		
MX, MY, MXY=	-57.968 -116.78 -23.425				
TOP SX, SY, SKY, SZ=	15256. 6070.7 53.898 0.	SIG1, SIG2, SIG3=	15257. 6070.4 -.35881E-07		
S.I.=	15257. SIGE= 13304.				
MID SX, SY, SKY, SZ=	15557. 6677.0 175.52 -500.00	SIG1, SIG2, SIG3=	15561. 6673.5 -500.00		
S.I.=	16061. SIGE= 13935.				
BOT SX, SY, SKY, SZ=	15858. 7283.3 297.14 -1000.0	SIG1, SIG2, SIG3=	15868. 7273.0 -1000.0		
S.I.=	16868. SIGE= 14609.				
EL= 810	NODES= 279 280 340 339	MAT= 1	AREA= 1.74	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.484 15.93 1.178	PRESS=	1000.0 0.		
MX, MY, MXY=	180.52 -31.286 -26.634				
TOP SX, SY, SKY, SZ=	16390. 6506.7 -154.42 0.	SIG1, SIG2, SIG3=	16392. 6504.3 -.38750E-07		
S.I.=	16392. SIGE= 14296.				
MID SX, SY, SKY, SZ=	15452. 6669.2 -16.135 -500.00	SIG1, SIG2, SIG3=	15452. 6669.1 -500.00		
S.I.=	15952. SIGE= 13839.				
BOT SX, SY, SKY, SZ=	14515. 6831.6 122.15 -1000.0	SIG1, SIG2, SIG3=	14517. 6829.7 -1000.0		
S.I.=	15517. SIGE= 13438.				
EL= 811	NODES= 301 302 362 361	MAT= 1	AREA= .482	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-1.825 -16.41 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	118.28 -52.895 71.113				
TOP SX, SY, SKY, SZ=	14583. 6982.7 548.75 0.	SIG1, SIG2, SIG3=	14623. 6943.3 -.30050E-07		
S.I.=	14623. SIGE= 12669.				
MID SX, SY, SKY, SZ=	13969. 7257.3 179.53 -500.00	SIG1, SIG2, SIG3=	13974. 7252.5 -500.00		
S.I.=	14474. SIGE= 12545.				
BOT SX, SY, SKY, SZ=	13355. 7532.0 -189.59 -1000.0	SIG1, SIG2, SIG3=	13361. 7525.8 -1000.0		
S.I.=	14361. SIGE= 12510.				
EL= 812	NODES= 302 303 363 362	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8762 -16.54 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	58.97 -266.80 34.527				
TOP SX, SY, SKY, SZ=	10733. 5686.7 347.08 0.	SIG1, SIG2, SIG3=	10757. 5662.9 -.19943E-07		
S.I.=	7. SIGE= 9320.3				
MID SX, SY, SKY, SZ=	14155. 7071.9 167.82 -500.00	SIG1, SIG2, SIG3=	14159. 7067.9 -500.00		
S.I.=	9. SIGE= 12697.				
BOT SX, SY, SKY, SZ=	17576. 8457.1 -11.440 -1000.0	SIG1, SIG2, SIG3=	17576. 8457.1 -1000.0		
S.I.=	76. SIGE= 16088.				
EL= 813	NODES= 354 301 361 414	MAT= 1	AREA= .617	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL=	814	NODES=	303	304	364	363	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	-2.894	-16.19	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	892.56	163.81	32.206												
TOP SX,SY,SXY,SZ=	18572.	8338.0	289.84	0.			SIG1,SIG2,SIG3=	18580.	8329.8	-1.40117E-07					
S.I.=	18580.	16120.													
MID SX,SY,SXY,SZ=	13938.	7487.4	122.63	-500.00			SIG1,SIG2,SIG3=	13940.	7485.1	-500.00					
S.I.=	14440.	12529.													
BOT SX,SY,SXY,SZ=	9303.8	6636.9	-44.579	-1000.0			SIG1,SIG2,SIG3=	9304.5	6636.2	-1000.0					
S.I.=	10305.	9263.2													
EL=	815	NODES=	353	354	414	413	MAT=	1	AREA=	.581	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	.8805E-01	-16.57	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	-547.68	-240.10	44.050												
TOP SX,SY,SXY,SZ=	11321.	5673.8	358.31	0.			SIG1,SIG2,SIG3=	11344.	5651.2	-1.22282E-07					
S.I.=	11344.	9823.9													
MID SX,SY,SXY,SZ=	14165.	6920.4	129.60	-500.00			SIG1,SIG2,SIG3=	14167.	6918.1	-500.00					
S.I.=	14667.	12702.													
BOT SX,SY,SXY,SZ=	17008.	8167.0	-99.106	-1000.0			SIG1,SIG2,SIG3=	17009.	8165.9	-1000.0					
S.I.=	18009.	15597.													
EL=	816	NODES=	304	305	365	364	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	1.052	-16.53	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	-445.36	-218.21	44.334												
TOP SX,SY,SXY,SZ=	11833.	5663.4	321.35	0.			SIG1,SIG2,SIG3=	11850.	5646.7	-1.24278E-07					
S.I.=	11850.	10266.													
MID SX,SY,SXY,SZ=	14145.	6796.4	91.166	-500.00			SIG1,SIG2,SIG3=	14147.	6795.2	-500.00					
S.I.=	14647.	12684.													
BOT SX,SY,SXY,SZ=	16458.	7929.3	-139.02	-1000.0			SIG1,SIG2,SIG3=	16460.	7927.1	-1000.0					
S.I.=	17460.	15122.													
EL=	817	NODES=	352	353	413	412	MAT=	1	AREA=	.751	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	-5.510	-15.50	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	615.27	88.606	10.064												
TOP SX,SY,SXY,SZ=	17166.	8186.7	7.2491	0.			SIG1,SIG2,SIG3=	17166.	8186.7	-1.35189E-07					
S.I.=	17166.	14872.													
MID SX,SY,SXY,SZ=	13972.	7726.7	-45.003	-500.00			SIG1,SIG2,SIG3=	13972.	7726.4	-500.00					
S.I.=	14472.	12572.													
BOT SX,SY,SXY,SZ=	10777.	7266.6	-97.254	-1000.0			SIG1,SIG2,SIG3=	10780.	7265.9	-1000.0					
S.I.=	11780.	10474.													
EL=	818	NODES=	305	306	366	365	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	2.012	-16.44	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	-353.05	-199.24	40.419												
TOP SX,SY,SXY,SZ=	12292.	5659.2	278.69	0.			SIG1,SIG2,SIG3=	12303.	5647.5	-1.26049E-07					
S.I.=	12303.	10667.													
MID SX,SY,SXY,SZ=	14125.	6693.6	68.837	-500.00			SIG1,SIG2,SIG3=	14125.	6693.0	-500.00					
S.I.=	14825.	12667.													
BOT SX,SY,SXY,SZ=	15958.	7728.0	-141.02	-1000.0			SIG1,SIG2,SIG3=	15960.	7725.6	-1000.0					
S.I.=	16960.	14690.													
EL=	819	NODES=	351	352	412	411	MAT=	1	AREA=	.830	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	-6.961	-14.90	1.607				PRESS=	1000.0	0.						
MX,MY,MXY=	489.85	42.412	-5.7003												
TOP SX,SY,SXY,SZ=	16459.	7985.6	-133.77	0.			SIG1,SIG2,SIG3=	16461.	7983.5	-1.33183E-07					
S.I.=	16461.	14258.													



EL= 820	NODES= 306 307 367 366	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.966	-16.30 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -272.26	-181.27 34.697				
TOP SX, SY, SXY, SZ= 12701.	5661.7	249.75	0.	SIG1, SIG2, SIG3= 12709.	5653.5 -2.27547E-07
S.I.= 12709.	SIGE= 11029.				
MID SX, SY, SXY, SZ= 14114.	6602.9	60.602	-500.00	SIG1, SIG2, SIG3= 14111.	6602.4 -500.00
S.I.= 14615.	SIGE= 12659.				
BOT SX, SY, SXY, SZ= 15528.	7544.1	-119.55	-1000.0	SIG1, SIG2, SIG3= 15530.	7542.3 -1000.0
S.I.= 16530.	SIGE= 14318.				
EL= 821	NODES= 350 351 411 410	MAT= 1	AREA= .916	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.487	-14.08 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 324.05	-8.2939 -19.456				
TOP SX, SY, SXY, SZ= 15751.	7701.3	-243.22	0.	SIG1, SIG2, SIG3= 15759.	7694.0 -3.1506E-07
S.I.= 15759.	SIGE= 13649.				
MID SX, SY, SXY, SZ= 14069.	7744.4	-142.20	-500.00	SIG1, SIG2, SIG3= 14072.	7741.2 -500.00
S.I.= 14572.	SIGE= 12656.				
BOT SX, SY, SXY, SZ= 12387.	7787.4	-41.189	-1000.0	SIG1, SIG2, SIG3= 12387.	7787.1 -1000.0
S.I.= 13387.	SIGE= 11781.				
EL= 822	NODES= 307 308 368 367	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 3.909	-16.70 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -204.06	-165.60 28.408				
TOP SX, SY, SXY, SZ= 13052.	5662.4	209.39	0.	SIG1, SIG2, SIG3= 13058.	5656.5 -2.28981E-07
S.I.= 13058.	SIGE= 11342.				
MID SX, SY, SXY, SZ= 14111.	6522.2	61.899	-500.00	SIG1, SIG2, SIG3= 14112.	6521.7 -500.00
S.I.= 14612.	SIGE= 12657.				
BOT SX, SY, SXY, SZ= 15171.	7382.0	-85.593	-1000.0	SIG1, SIG2, SIG3= 15172.	7381.1 -1000.0
S.I.= 16172.	SIGE= 14008.				
EL= 823	NODES= 349 350 410 409	MAT= 1	AREA= 1.01	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -10.06	-12.99 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 181.81	-60.525 -28.201				
TOP SX, SY, SXY, SZ= 15075.	7348.2	-306.18	0.	SIG1, SIG2, SIG3= 15087.	7336.1 -3.30287E-07
S.I.= 15087.	SIGE= 13067.				
MID SX, SY, SXY, SZ= 14131.	7662.4	-159.76	-500.00	SIG1, SIG2, SIG3= 14135.	7658.5 -500.00
S.I.= 14635.	SIGE= 12702.				
BOT SX, SY, SXY, SZ= 13187.	7976.7	-13.344	-1000.0	SIG1, SIG2, SIG3= 13187.	7976.6 -1000.0
S.I.= 14187.	SIGE= 12430.				
EL= 824	NODES= 308 309 369 368	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 4.840	-15.84 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -149.03	-153.02 21.984				
TOP SX, SY, SXY, SZ= 13340.	5657.9	185.26	0.	SIG1, SIG2, SIG3= 13344.	5653.4 -3.30047E-07
S.I.= 13344.	SIGE= 11601.				
MID SX, SY, SXY, SZ= 14114.	6452.4	71.120	-500.00	SIG1, SIG2, SIG3= 14114.	6451.7 -500.00
S.I.= 14614.	SIGE= 12661.				
BOT SX, SY, SXY, SZ= 14887.	7246.8	-43.020	-1000.0	SIG1, SIG2, SIG3= 14888.	7246.6 -1000.0
S.I.= 15888.	SIGE= 13762.				
EL= 825	NODES= 348 349 409 408	MAT= 1	AREA= 1.12	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -11.64	-11.59 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 46.930	-110.67 -29.930				
TOP SX, SY, SXY, SZ= 14450.	6957.4	-311.02	0.	SIG1, SIG2, SIG3= 14463.	6944.5 -2.29416E-07
S.I.= 14463.	SIGE= 12528.				
MID SX, SY, SXY, SZ= 14206.	7532.0	-155.63	-500.00	SIG1, SIG2, SIG3= 14210.	7528.4 -500.00
S.I.= 14710.	SIGE= 12757.				
BOT SX, SY, SXY, SZ= 13963.	8106.6	-2.2841	-1000.0	SIG1, SIG2, SIG3= 13963.	8106.6 -1000.0
S.I.= 14963.	SIGE= 13059.				



EL= 826	NODES= 309 310 370 369	MAT= 1	AREA= .486	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 5.753	-15.53 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -107.58	-143.97 15.667				
TOP SX,SY,SKY,SZ= 13563.	5645.7	167.70	0.	SIG1,SIG2,SIG3= 13566.	5642.1 -3.30910E-07
S.I.= 13566.	SIGE= 11804.				
MID SX,SY,SKY,SZ= 14121.	6393.2	86.353	-500.00	SIG1,SIG2,SIG3= 14122.	6392.2 -500.00
S.I.= 14622.	SIGE= 12670.				
BOT SX,SY,SKY,SZ= 14680.	7140.6	5.0078	-1000.0	SIG1,SIG2,SIG3= 14680.	7140.6 -1000.0
S.I.= 15680.	SIGE= 13582.				
EL= 827	NODES= 347 348 408 407	MAT= 1	AREA= 1.23	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.15	-9.824 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -76.794	-155.20 -24.650				
TOP SX,SY,SKY,SZ= 13898.	6577.3	-259.43	0.	SIG1,SIG2,SIG3= 13907.	6568.1 -2.28712E-07
S.I.= 13907.	SIGE= 12050.				
MID SX,SY,SKY,SZ= 14297.	7383.1	-131.45	-500.00	SIG1,SIG2,SIG3= 14299.	7380.6 -500.00
S.I.= 14799.	SIGE= 12826.				
BOT SX,SY,SKY,SZ= 14695.	8188.9	-3.4701	-1000.0	SIG1,SIG2,SIG3= 14695.	8188.9 -1000.0
S.I.= 15695.	SIGE= 13659.				
EL= 828	NODES= 310 311 371 370	MAT= 1	AREA= .486	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 6.648	-15.17 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -80.062	-138.61 9.6231				
TOP SX,SY,SKY,SZ= 13718.	5624.6	155.61	0.	SIG1,SIG2,SIG3= 13721.	5621.6 -3.1654E-07
S.I.= 13721.	SIGE= 11947.				
MID SX,SY,SKY,SZ= 14134.	6344.2	105.65	-500.00	SIG1,SIG2,SIG3= 14135.	6342.8 -500.00
S.I.= 14635.	SIGE= 12683.				
BOT SX,SY,SKY,SZ= 14549.	7063.9	55.688	-1000.0	SIG1,SIG2,SIG3= 14550.	7063.4 -1000.0
S.I.= 15550.	SIGE= 13470.				
EL= 829	NODES= 346 347 407 406	MAT= 1	AREA= 1.36	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -14.52	-7.547 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -184.64	-190.74 -15.155				
TOP SX,SY,SKY,SZ= 13444.	6268.0	-169.35	0.	SIG1,SIG2,SIG3= 13448.	6264.0 -2.28108E-07
S.I.= 13448.	SIGE= 11655.				
MID SX,SY,SKY,SZ= 14403.	7258.3	-90.659	-500.00	SIG1,SIG2,SIG3= 14404.	7257.1 -500.00
S.I.= 14904.	SIGE= 12911.				
BOT SX,SY,SKY,SZ= 15361.	8248.6	-11.972	-1000.0	SIG1,SIG2,SIG3= 15361.	8248.6 -1000.0
S.I.= 16361.	SIGE= 14209.				
EL= 830	NODES= 311 312 372 371	MAT= 1	AREA= .486	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 7.520	-14.76 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -66.739	-137.05 3.9111				
TOP SX,SY,SKY,SZ= 13805.	5593.7	147.51	0.	SIG1,SIG2,SIG3= 13808.	5591.0 -3.2026E-07
S.I.= 13808.	SIGE= 12030.				
MID SX,SY,SKY,SZ= 14151.	6305.3	127.20	-500.00	SIG1,SIG2,SIG3= 14153.	6303.2 -500.00
S.I.= 14653.	SIGE= 12701.				
BOT SX,SY,SKY,SZ= 14498.	7016.8	106.90	-1000.0	SIG1,SIG2,SIG3= 14499.	7015.3 -1000.0
S.I.= 15499.	SIGE= 13426.				
EL= 831	NODES= 345 346 406 405	MAT= 1	AREA= 1.50	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -15.60	-5.031 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -268.63	-214.73 -6.6955				
TOP SX,SY,SKY,SZ= 13125.	6090.0	-77.857	0.	SIG1,SIG2,SIG3= 13126.	6089.2 -2.27512E-07
S.I.= 13126.	SIGE= 11577.				
MID SX,SY,SKY,SZ= 14520.	7204.9	-43.094	-500.00	SIG1,SIG2,SIG3= 14520.	7204.7 -500.00
S.I.= 15020.	SIGE= 13009.				
BOT SX,SY,SKY,SZ= 15915.	8319.9	-8.3309	-1000.0	SIG1,SIG2,SIG3= 15915.	8319.8 -1000.0
S.I.= 16915.	SIGE= 14674.				
EL= 832	NODES= 312 313 373 372	MAT= 1	AREA= .486	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 8.366	-14.30 1.607	PRESS= 1000.0	0.		
MX,MY,MXY= -67.717	-139.31 -1.4959				

TOP SX,SY,SXY,SZ=	13825.	5553.0	141.26	0.	SIG1,SIG2,SIG3=	13825.	5550.6	-.32313E-07	
S.I.=	13825.	SIGE=	12050.						
MID SX,SY,SXY,SZ=	14174.	6276.3	149.02	-500.00	SIG1,SIG2,SIG3=	14177.	6273.5	-500.00	
S.I.=	14177.	SIGE=	12223.						
BOT SX,SY,SXY,SZ=	14526.	6999.6	156.79	-1000.0	SIG1,SIG2,SIG3=	14529.	6996.3	-1000.0	
S.I.=	15529.	SIGE=	13451.						
EL= 833	NODES=	344 345 405 404	MAT=	1	AREA=	1.66	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-16.26	-1.976	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-313.89	-224.11	-4.5356						
TOP SX,SY,SXY,SZ=	13010.	6088.5	-33.026	0.	SIG1,SIG2,SIG3=	13010.	6088.3	-.27108E-07	
S.I.=	13010.	SIGE=	11275.						
MID SX,SY,SXY,SZ=	14640.	7252.0	-9.4776	-500.00	SIG1,SIG2,SIG3=	14640.	7252.0	-500.00	
S.I.=	15140.	SIGE=	13112.						
BOT SX,SY,SXY,SZ=	16269.	8415.6	14.071	-1000.0	SIG1,SIG2,SIG3=	16269.	8415.6	-1000.0	
S.I.=	17269.	SIGE=	14976.						
EL= 834	NODES=	313 314 374 373	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	9.184	-13.79	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-82.938	-145.33	-6.6764						
TOP SX,SY,SXY,SZ=	13772.	5503.2	134.58	0.	SIG1,SIG2,SIG3=	13774.	5501.0	-.32341E-07	
S.I.=	13774.	SIGE=	12009.						
MID SX,SY,SXY,SZ=	14202.	6257.8	169.24	-500.00	SIG1,SIG2,SIG3=	14206.	6254.2	-500.00	
S.I.=	14706.	SIGE=	12750.						
BOT SX,SY,SXY,SZ=	14633.	7012.3	203.90	-1000.0	SIG1,SIG2,SIG3=	14638.	7006.9	-1000.0	
S.I.=	15638.	SIGE=	13544.						
EL= 835	NODES=	343 344 404 403	MAT=	1	AREA=	1.83	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-16.30	1.469	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-298.57	-213.25	-10.132						
TOP SX,SY,SXY,SZ=	13203.	6265.1	-74.521	0.	SIG1,SIG2,SIG3=	13203.	6264.3	-.27135E-07	
S.I.=	13203.	SIGE=	11439.						
MID SX,SY,SXY,SZ=	14753.	7372.3	-21.913	-500.00	SIG1,SIG2,SIG3=	14753.	7372.2	-500.00	
S.I.=	15253.	SIGE=	13212.						
BOT SX,SY,SXY,SZ=	16303.	8479.5	30.695	-1000.0	SIG1,SIG2,SIG3=	16303.	8479.4	-1000.0	
S.I.=	17303.	SIGE=	15008.						
EL= 836	NODES=	314 315 375 374	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	9.971	-13.23	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-112.16	-154.98	-11.724						
TOP SX,SY,SXY,SZ=	13653.	5445.8	125.16	0.	SIG1,SIG2,SIG3=	13655.	5443.9	-.32159E-07	
S.I.=	13655.	SIGE=	11906.						
MID SX,SY,SXY,SZ=	14235.	6250.5	186.03	-500.00	SIG1,SIG2,SIG3=	14240.	6246.2	-500.00	
S.I.=	14740.	SIGE=	12780.						
BOT SX,SY,SXY,SZ=	14818.	7055.2	246.90	-1000.0	SIG1,SIG2,SIG3=	14825.	7047.3	-1000.0	
S.I.=	15825.	SIGE=	13706.						
EL= 837	NODES=	342 343 403 402	MAT=	1	AREA=	2.02	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-15.50	5.181	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-205.46	-177.68	-19.134						
TOP SX,SY,SXY,SZ=	13798.	6528.2	-200.91	0.	SIG1,SIG2,SIG3=	13803.	6522.7	-.28406E-07	
S.I.=	13803.	SIGE=	11960.						
MID SX,SY,SXY,SZ=	14864.	7450.8	-101.57	-500.00	SIG1,SIG2,SIG3=	14866.	7449.4	-500.00	
S.I.=	15366.	SIGE=	13310.						
BOT SX,SY,SXY,SZ=	15931.	8373.3	-2.2255	-1000.0	SIG1,SIG2,SIG3=	15931.	8373.3	-1000.0	
S.I.=	16931.	SIGE=	14691.						
EL= 838	NODES=	315 316 376 375	MAT=	1	AREA=	.486	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	10.72	-12.63	1.607	PRESS=	1000.0	0.			
MX,MY,MXY=	-154.94	-168.08	-16.711						
TOP SX,SY,SXY,SZ=	13469.	5383.0	111.04	0.	SIG1,SIG2,SIG3=	13470.	5381.4	-.31653E-07	
S.I.=	13470.	SIGE=	11744.						
MID SX,SY,SXY,SZ=	14273.	6255.6	197.81	-500.00	SIG1,SIG2,SIG3=	14278.	6250.8	-500.00	
S.I.=	14778.	SIGE=	12814.						

EL= 838	NODES= 341 342 402 401	MAT= 1	AREA= 2.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65 4.935 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	-38.637 -123.67 -25.073				
TOP SX, SY, SKY, SZ=	14797. 6682.9 -335.53 0.	SIG1, SIG2, SIG3=	14811. 6669.0 -.31857E-07		
S.I.=	14831. SIGE= 12848.				
MID SX, SY, SKY, SZ=	14998. 7325.0 -205.35 -500.00	SIG1, SIG2, SIG3=	15003. 7319.5 -500.00		
S.I.=	15503. SIGE= 13426.				
BOT SX, SY, SKY, SZ=	15198. 7967.1 -75.173 -1000.0	SIG1, SIG2, SIG3=	15199. 7966.3 -1000.0		
S.I.=	16199. SIGE= 14056.				
EL= 840	NODES= 316 317 377 376	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.44 -11.98 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	-210.69 -184.37 -21.658				
TOP SX, SY, SKY, SZ=	13221. 5317.3 90.678 0.	SIG1, SIG2, SIG3=	13222. 5316.2 -.31001E-07		
S.I.=	13222. SIGE= 11524.				
MID SX, SY, SKY, SZ=	14315. 6279.5 203.12 -500.00	SIG1, SIG2, SIG3=	14320. 6269.4 -500.00		
S.I.=	14820. SIGE= 12851.				
BOT SX, SY, SKY, SZ=	15409. 7231.8 315.57 -1000.0	SIG1, SIG2, SIG3=	15421. 7219.6 -1000.0		
S.I.=	16421. SIGE= 14221.				
EL= 841	NODES= 340 341 401 400	MAT= 1	AREA= 2.46	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.58 12.37 1.607	PRF, S=	1000.0 0.		
MX, MY, MXY=	201.00 -59.606 -26.200				
TOP SX, SY, SKY, SZ=	16202. 6666.5 -37.04 0.	SIG1, SIG2, SIG3=	16214. 6655.0 -.37387E-07		
S.I.=	16214. SIGE= 14117.				
MID SX, SY, SKY, SZ=	15159. 6975.9 -195.01 -500.00	SIG1, SIG2, SIG3=	15164. 6971.3 -500.00		
S.I.=	15664. SIGE= 13570.				
BOT SX, SY, SKY, SZ=	14115. 7285.4 -58.978 -1000.0	SIG1, SIG2, SIG3=	14116. 7284.9 -1000.0		
S.I.=	15116. SIGE= 13111.				
EL= 842	NODES= 339 340 400 399	MAT= 1	AREA= 2.46	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.484 14.93 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	163.19 -88.658 -25.288				
TOP SX, SY, SKY, SZ=	16161. 6228.7 -137.56 0.	SIG1, SIG2, SIG3=	16163. 6226.8 -.38899E-07		
S.I.=	16163. SIGE= 14120.				
MID SX, SY, SKY, SZ=	15314. 6689.1 -6.3626 -500.00	SIG1, SIG2, SIG3=	15314. 6689.1 -500.00		
S.I.=	15814. SIGE= 13714.				
BOT SX, SY, SKY, SZ=	14467. 7149.4 124.93 -1000.0	SIG1, SIG2, SIG3=	14469. 7147.2 -1000.0		
S.I.=	15469. SIGE= 13403.				
EL= 843	NODES= 317 318 378 377	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.12 -11.30 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	-278.70 -203.53 -26.501				
TOP SX, SY, SKY, SZ=	12914. 5251.7 63.382 0.	SIG1, SIG2, SIG3=	12914. 5251.2 -.30028E-07		
S.I.=	12914. SIGE= 11249.				
MID SX, SY, SKY, SZ=	14361. 6308.5 200.98 -500.00	SIG1, SIG2, SIG3=	14366. 6303.5 -500.00		
S.I.=	14866. SIGE= 2889.				
BOT SX, SY, SKY, SZ=	15808. 7365.2 338.57 -1000.0	SIG1, SIG2, SIG3=	15821. 7351.7 -1000.0		
S.I.=	16821. SIGE= 14568.				
EL= 844	NODES= 318 319 379 378	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.76 -10.57 1.607	PRESS=	1000.0 0.		
MX, MY, MXY=	-358.21 -225.22 -31.092				
TOP SX, SY, SKY, SZ=	12550. 5189.1 29.033 0.	SIG1, SIG2, SIG3=	12551. 5189.0 -.28826E-07		
S.I.=	12551. SIGE= 10923.				
MID SX, SY, SKY, SZ=	14410. 6358.4 190.48 -500.00	SIG1, SIG2, SIG3=	14415. 6353.9 -500.00		
S.I.=	14915. SIGE= 12931.				
BOT SX, SY, SKY, SZ=	16270. 7527.8 351.69 -1000.0	SIG1, SIG2, SIG3=	15284. 7513.6 -1000.0		
S.I.=	17284. SIGE= 14969.				
EL= 845	NODES= 319 320 380 379	MAT= 1	AREA= .486	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63



EL= 844 NODES= 320 321 381 380 MAT= 1 AREA= .486 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.35 -9.817 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -448.48 -248.81 -35.215									
TOP SX,SY,SXY,SZ= 12135. 5132.6 -11.719 0. SIG1,SIG2,SIG3= 12135. 5132.6 -.27397E-07									
S.I.= 12135. SIGE= 10551.									
MID SX,SY,SXY,SZ= 14463. 6424.4 171.12 -500.00 SIG1,SIG2,SIG3= 14467. 6420.8 -500.00									
S.I.= 14967. SIGE= 12974.									
BOT SX,SY,SXY,SZ= 16292. 7216.2 353.95 -1000.0 SIG1,SIG2,SIG3= 16806. 7702.4 -1000.0									
S.I.= 17806. SIGE= 15421.									
EL= 847 NODES= 321 322 382 381 MAT= 1 AREA= .486 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.90 -9.017 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -548.86 -273.32 -38.409									
TOP SX,SY,SXY,SZ= 11672. 5085.0 -56.484 0. SIG1,SIG2,SIG3= 11673. 5084.6 -.25793E-07									
S.I.= 11673. SIGE= 10137.									
MID SX,SY,SXY,SZ= 14522. 6504.1 142.93 -500.00 SIG1,SIG2,SIG3= 14525. 6501.5 -500.00									
S.I.= 15025. SIGE= 13022.									
BOT SX,SY,SXY,SZ= 17372. 7923.1 342.35 -1000.0 SIG1,SIG2,SIG3= 17384. 7910.8 -1000.0									
S.I.= 18384. SIGE= 15924.									
EL= 847 NODES= 321 322 382 381 MAT= 1 AREA= .486 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.40 -8.193 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -658.35 -297.30 -39.233									
TOP SX,SY,SXY,SZ= 11172. 5053.7 -101.30 0. SIG1,SIG2,SIG3= 11174. 5051.5 -.23934E-07									
S.I.= 11174. SIGE= 9691.7									
MID SX,SY,SXY,SZ= 14590. 6596.8 102.40 -500.00 SIG1,SIG2,SIG3= 14592. 6595.5 -500.00									
S.I.= 15092. SIGE= 13078.									
BOT SX,SY,SXY,SZ= 18009. 8140.4 306.10 -1000.0 SIG1,SIG2,SIG3= 18018. 8130.9 -1000.0									
S.I.= 19018. SIGE= 16474.									
EL= 848 NODES= 322 323 383 382 MAT= 1 AREA= .486 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -7.341 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -775.60 -322.61 -34.779									
TOP SX,SY,SXY,SZ= 10630. 5033.1 -132.43 0. SIG1,SIG2,SIG3= 10633. 5030.0 -.21884E-07									
S.I.= 10633. SIGE= 9212.7									
MID SX,SY,SXY,SZ= 14657. 6708.1 48.142 -500.00 SIG1,SIG2,SIG3= 14657. 6707.9 -500.00									
S.I.= 15157. SIGE= 13131.									
BOT SX,SY,SXY,SZ= 18683. 8383.2 228.72 -1000.0 SIG1,SIG2,SIG3= 18689. 8378.1 -1000.0									
S.I.= 19689. SIGE= 17057.									
EL= 849 NODES= 323 324 384 383 MAT= 1 AREA= .486 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.25 -6.464 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -898.83 -351.33 -18.710									
TOP SX,SY,SXY,SZ= 10027. 5012.3 -98.440 0. SIG1,SIG2,SIG3= 10029. 5010.4 -.19611E-07									
S.I.= 10029. SIGE= 8685.4									
MID SX,SY,SXY,SZ= 14694. 6836.4 -1.2998 -500.00 SIG1,SIG2,SIG3= 14694. 6836.4 -500.00									
S.I.= 15194. SIGE= 13161.									
BOT SX,SY,SXY,SZ= 19361. 8660.5 95.841 -1000.0 SIG1,SIG2,SIG3= 19361. 8659.7 -1000.0									
S.I.= 20361. SIGE= 17641.									
EL= 850 NODES= 324 325 385 384 MAT= 1 AREA= .482 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -5.554 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= -90.936 -126.15 -51.988									
TOP SX,SY,SXY,SZ= 14082. 6331.2 -301.26 0. SIG1,SIG2,SIG3= 14094. 6319.5 -.30393E-07									
S.I.= 14094. SIGE= 12227.									
MID SX,SY,SXY,SZ= 14554. 6986.2 -31.342 -500.00 SIG1,SIG2,SIG3= 14554. 6986.0 -500.00									
S.I.= 15054. SIGE= 13038.									
BOT SX,SY,SXY,SZ= 15026. 7641.2 238.58 -1000.0 SIG1,SIG2,SIG3= 15034. 7633.5 -1000.0									
S.I.= 16034. SIGE= 13900.									
EL= 851 NODES= 325 326 386 385 MAT= 1 AREA= .617 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -4.498 1.607 PRESS= 1000.0 0.									
MX,MY,MXY= 718.39 100.54 -13.511									
TOP SX,SY,SXY,SZ= 18300. 7714.0 -111.09 0. SIG1,SIG2,SIG3= 18301. 7712.8 -.41544E-07									
S.I.= 18301. SIGE= 15914.									



EL= 852	NODES= 326 327 387 386	MAT= 1	AREA= .681	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.13	-3.246 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 577.91	67.609 -10.222				
TOP SX, SY, SKY, SZ= 17633.	7694.2 -89.889	0.	SIG1, SIG2, SIG3= 17634.	7693.4	-.38840E-07
S.I.= 17634.	SIGE= 15313.				
MID SX, SY, SKY, SZ= 14632.	7343.2 -36.819	-500.00	SIG1, SIG2, SIG3= 14633.	7343.0	-500.00
S.I.= 15133.	SIGE= 13108.				
BOT SX, SY, SKY, SZ= 11632.	6992.1 16.252	-1000.0	SIG1, SIG2, SIG3= 11632.	6992.1	-1000.0
S.I.= 12632.	SIGE= 11067.				
EL= 853	NODES= 327 328 388 387	MAT= 1	AREA= .751	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34	-1.840 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 442.81	32.156 1.6135				
TOP SX, SY, SKY, SZ= 17025.	7658.9 -27.654	0.	SIG1, SIG2, SIG3= 17025.	7658.8	-.36744E-07
S.I.= 17025.	SIGE= 14769.				
MID SX, SY, SKY, SZ= 14726.	7491.9 -36.032	-500.00	SIG1, SIG2, SIG3= 14726.	7491.7	-500.00
S.I.= 15226.	SIGE= 13191.				
BOT SX, SY, SKY, SZ= 12426.	7325.0 -44.409	-1000.0	SIG1, SIG2, SIG3= 12427.	7324.6	-1000.0
S.I.= 13427.	SIGE= 11739.				
EL= 854	NODES= 328 329 389 388	MAT= 1	AREA= .830	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-2.740 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 311.64	-4.2458 15.994				
TOP SX, SY, SKY, SZ= 16438.	7607.6 26.603	0.	SIG1, SIG2, SIG3= 16438.	7607.5	-.34485E-07
S.I.= 16438.	SIGE= 14249.				
MID SX, SY, SKY, SZ= 14820.	7629.6 -56.436	-500.00	SIG1, SIG2, SIG3= 14821.	7629.2	-500.00
S.I.= 15321.	SIGE= 13276.				
BOT SX, SY, SKY, SZ= 13202.	7651.6 -139.44	-1000.0	SIG1, SIG2, SIG3= 13206.	7648.1	-1000.0
S.I.= 14206.	SIGE= 12399.				
EL= 855	NODES= 329 330 390 389	MAT= 1	AREA= .916	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 189.79	-40.278 31.327				
TOP SX, SY, SKY, SZ= 15894.	7542.3 76.005	0.	SIG1, SIG2, SIG3= 15894.	7541.6	-.32750E-07
S.I.= 15894.	SIGE= 13771.				
MID SX, SY, SKY, SZ= 14908.	7751.4 -86.648	-500.00	SIG1, SIG2, SIG3= 14909.	7750.3	-500.00
S.I.= 15409.	SIGE= 13356.				
BOT SX, SY, SKY, SZ= 13923.	7960.5 -249.30	-1000.0	SIG1, SIG2, SIG3= 13933.	7950.1	-1000.0
S.I.= 14933.	SIGE= 13017.				
EL= 856	NODES= 330 331 391 390	MAT= 1	AREA= 1.01	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	5.347 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 84.318	-74.012 45.904				
TOP SX, SY, SKY, SZ= 15436.	7458.3 122.09	0.	SIG1, SIG2, SIG3= 15436.	7456.5	-.31310E-07
S.I.= 15436.	SIGE= 13571.				
MID SX, SY, SKY, SZ= 14996.	7842.6 -116.25	-500.00	SIG1, SIG2, SIG3= 14998.	7840.7	-500.00
S.I.= 15498.	SIGE= 13435.				
BOT SX, SY, SKY, SZ= 14559.	8226.9 -354.58	-1000.0	SIG1, SIG2, SIG3= 14578.	8207.1	-1000.0
S.I.= 15578.	SIGE= 13566.				
EL= 857	NODES= 331 332 392 391	MAT= 1	AREA= 1.12	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.379 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= 2.2212	-104.04 57.474				
TOP SX, SY, SKY, SZ= 15090.	7347.5 164.93	0.	SIG1, SIG2, SIG3= 15094.	7344.0	-.30317E-07
S.I.= 15094.	SIGE= 13073.				
MID SX, SY, SKY, SZ= 15079.	7887.6 -133.48	-500.00	SIG1, SIG2, SIG3= 15081.	7885.2	-500.00
S.I.= 15581.	SIGE= 13507.				
BOT SX, SY, SKY, SZ= 15067.	8427.8 -431.89	-1000.0	SIG1, SIG2, SIG3= 15095.	8399.8	-1000.0
S.I.= 15095.	SIGE= 14004.				

EL= 858	NODES= 332 333 393 392	MAT= 1	AREA= 1.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -52.134	-122.70	63.127			
TOP SX, SY, SKY, SZ= 14882.	7197.1	204.43	0.	SIG1, SIG2, SIG3= 14887.	7191.7 - .30136E-07
S.I.= 14887.	SIGE= 12895.				
MID SX, SY, SKY, SZ= 15152.	7870.5	-123.32	-500.00	SIG1, SIG2, SIG3= 15154.	7868.5 -500.00
S.I.= 15654.	SIGE= 13568.				
BOT SX, SY, SKY, SZ= 15423.	8543.9	-451.08	-1000.0	SIG1, SIG2, SIG3= 15452.	8514.5 -1000.0
S.I.= 16452.	SIGE= 14306.				
EL= 859	NODES= 333 334 394 393	MAT= 1	AREA= 1.36	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.695 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -80.557	-150.53	59.987			
TOP SX, SY, SKY, SZ= 14800.	6994.3	235.01	0.	SIG1, SIG2, SIG3= 14807.	6987.2 - .30628E-07
S.I.= 14807.	SIGE= 12830.				
MID SX, SY, SKY, SZ= 15218.	7775.8	-76.447	-500.00	SIG1, SIG2, SIG3= 15219.	7775.0 -500.00
S.I.= 15719.	SIGE= 13619.				
BOT SX, SY, SKY, SZ= 15637.	8557.3	-387.90	-1000.0	SIG1, SIG2, SIG3= 15658.	8536.1 -1000.0
S.I.= 16658.	SIGE= 14476.				
EL= 860	NODES= 334 335 395 394	MAT= 1	AREA= 1.50	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -93.221	-167.05	46.879			
TOP SX, SY, SKY, SZ= 14796.	6732.8	248.08	0.	SIG1, SIG2, SIG3= 14804.	6725.2 - .31645E-07
S.I.= 14804.	SIGE= 12838.				
MID SX, SY, SKY, SZ= 15280.	7600.1	4.6863	-500.00	SIG1, SIG2, SIG3= 15280.	7600.1 -500.00
S.I.= 15780.	SIGE= 13668.				
BOT SX, SY, SKY, SZ= 15764.	8437.5	-238.71	-1000.0	SIG1, SIG2, SIG3= 15772.	8439.7 -1000.0
S.I.= 16772.	SIGE= 14565.				
EL= 861	NODES= 335 336 396 395	MAT= 1	AREA= 1.66	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -105.46	-181.12	26.049			
TOP SX, SY, SKY, SZ= 14792.	6423.6	236.92	0.	SIG1, SIG2, SIG3= 14798.	6416.9 - .32644E-07
S.I.= 14798.	SIGE= 12853.				
MID SX, SY, SKY, SZ= 15339.	7364.0	101.68	-500.00	SIG1, SIG2, SIG3= 15340.	7362.7 -500.00
S.I.= 15840.	SIGE= 13718.				
BOT SX, SY, SKY, SZ= 15887.	8304.4	-33.568	-1000.0	SIG1, SIG2, SIG3= 15887.	8304.2 -1000.0
S.I.= 16887.	SIGE= 14650.				
EL= 862	NODES= 336 337 397 396	MAT= 1	AREA= 1.83	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824	15.29 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -126.25	-194.02	3.4598			
TOP SX, SY, SKY, SZ= 14733.	6101.3	204.44	0.	SIG1, SIG2, SIG3= 14738.	6096.4 - .33839E-07
S.I.= 14738.	SIGE= 12826.				
MID SX, SY, SKY, SZ= 15388.	7108.6	186.48	-500.00	SIG1, SIG2, SIG3= 15393.	7104.4 -500.00
S.I.= 15893.	SIGE= 13768.				
BOT SX, SY, SKY, SZ= 16044.	8116.0	168.52	-1000.0	SIG1, SIG2, SIG3= 16048.	8112.4 -1000.0
S.I.= 17048.	SIGE= 14775.				
EL= 863	NODES= 337 338 398 397	MAT= 1	AREA= 2.02	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.157	16.20 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -158.20	-199.67	-13.850			
TOP SX, SY, SKY, SZ= 14697.	5834.2	155.57	0.	SIG1, SIG2, SIG3= 14700.	5831.5 - .34722E-07
S.I.= 14700.	SIGE= 12820.				
MID SX, SY, SKY, SZ= 15414.	6870.9	227.48	-500.00	SIG1, SIG2, SIG3= 15420.	6864.8 -500.00
S.I.= 15920.	SIGE= 13800.				
BOT SX, SY, SKY, SZ= 16132.	7907.5	299.39	-1000.0	SIG1, SIG2, SIG3= 16143.	7896.7 -1000.0
S.I.= 17143.	SIGE= 14850.				
EL= 864	NODES= 338 339 399 398	MAT= 1	AREA= 2.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -2.048	16.18 1.607	PRESS= 1000.0	0.		
MX, MY, MXY= -76.211	-175.65	-22.558			

TOP	SX,SY,SXY,SZ=	15006.	5776.5	59.626	0.	SIG1,SIG2,SIG3=	15007.	5776.1	-.36146E-07		
	S.I.=	15007.	SIGE=	13111.							
MID	SX,SY,SXY,SZ=	15402.	6688.4	176.75	-500.00	SIG1,SIG2,SIG3=	15406.	6684.9	-500.00		
	S.I.=	15406.	SIGE=	13796.							
BOT	SX,SY,SXY,SZ=	15798.	7600.4	293.86	-1000.0	SIG1,SIG2,SIG3=	15808.	7589.9	-1000.0		
	S.I.=	16808.	SIGE=	14558.							
EL=	865	NODES=	361 362 422 421	MAT=	1	AREA=	.681	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-1.825	-16.41	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	113.57	-55.977	28.675							
TOP	SX,SY,SXY,SZ=	14640.	6953.8	547.87	0.	SIG1,SIG2,SIG3=	14679.	6915.0	-.30375E-07		
	S.I.=	14679.	SIGE=	12719.							
MID	SX,SY,SXY,SZ=	14050.	7244.5	139.39	-500.00	SIG1,SIG2,SIG3=	14053.	7241.6	-500.00		
	S.I.=	14553.	SIGE=	12612.							
BOT	SX,SY,SXY,SZ=	13461.	7535.1	-269.09	-1000.0	SIG1,SIG2,SIG3=	13473.	7522.9	-1000.0		
	S.I.=	14473.	SIGE=	12600.							
EL=	866	NODES=	362 363 423 422	MAT=	1	AREA=	.687	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-8762	-16.54	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	-652.22	-283.84	34.904							
TOP	SX,SY,SXY,SZ=	10822.	5607.9	328.44	0.	SIG1,SIG2,SIG3=	10843.	5587.3	-.20647E-07		
	S.I.=	10843.	SIGE=	9391.8							
MID	SX,SY,SXY,SZ=	14209.	7081.5	147.22	-500.00	SIG1,SIG2,SIG3=	14212.	7078.5	-500.00		
	S.I.=	14712.	SIGE=	12743.							
BOT	SX,SY,SXY,SZ=	17595.	8555.2	-34.002	-1000.0	SIG1,SIG2,SIG3=	17595.	8555.1	-1000.0		
	S.I.=	18595.	SIGE=	16106.							
EL=	867	NODES=	414 361 421 474	MAT=	1	AREA=	.872	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-2.894	-16.19	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	895.64	172.92	30.961							
TOP	SX,SY,SXY,SZ=	18700.	8355.0	265.17	0.	SIG1,SIG2,SIG3=	18707.	8348.2	-.40526E-07		
	S.I.=	18707.	SIGE=	16232.							
MID	SX,SY,SXY,SZ=	14050.	7457.2	104.42	-500.00	SIG1,SIG2,SIG3=	14051.	7455.6	-500.00		
	S.I.=	14551.	SIGE=	12620.							
BOT	SX,SY,SXY,SZ=	9399.7	6559.5	-56.332	-1000.0	SIG1,SIG2,SIG3=	9400.8	6558.3	-1000.0		
	S.I.=	10401.	SIGE=	9310.9							
EL=	868	NODES=	363 364 424 423	MAT=	1	AREA=	.687	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	.8805E-01	-16.57	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	-550.53	-254.56	41.011							
TOP	SX,SY,SXY,SZ=	11361.	5619.3	341.74	0.	SIG1,SIG2,SIG3=	11382.	5599.1	-.22664E-07		
	S.I.=	11382.	SIGE=	9857.2							
MID	SX,SY,SXY,SZ=	14220.	6941.0	128.81	-500.00	SIG1,SIG2,SIG3=	14222.	6938.8	-500.00		
	S.I.=	14722.	SIGE=	12750.							
BOT	SX,SY,SXY,SZ=	17078.	8262.7	-84.114	-1000.0	SIG1,SIG2,SIG3=	17079.	8261.9	-1000.0		
	S.I.=	18079.	SIGE=	15658.							
EL=	869	NODES=	413 414 474 473	MAT=	1	AREA=	.963	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	-4.152	-15.92	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	766.21	136.01	24.123							
TOP	SX,SY,SXY,SZ=	18022.	8301.9	167.54	0.	SIG1,SIG2,SIG3=	18025.	8299.0	-.38032E-07		
	S.I.=	18025.	SIGE=	15626.							
MID	SX,SY,SXY,SZ=	14044.	7595.7	42.291	-500.00	SIG1,SIG2,SIG3=	14044.	7595.4	-500.00		
	S.I.=	14544.	SIGE=	12622.							
BOT	SX,SY,SXY,SZ=	10066.	6889.6	-82.956	-1000.0	SIG1,SIG2,SIG3=	10068.	6887.4	-1000.0		
	S.I.=	11068.	SIGE=	9889.7							
EL=	870	NODES=	364 365 425 424	MAT=	1	AREA=	.687	TTOP,TBOT=	0.0 0.0	QUAD SHELL	63
	XC,YC,ZC=	1.052	-16.53	2.215		PRESS=	1000.0	0.			
	MX,MY,MXY=	-451.93	-232.98	40.287							
TOP	SX,SY,SXY,SZ=	11868.	5605.9	308.18	0.	SIG1,SIG2,SIG3=	11883.	5590.7	-.24666E-07		
	S.I.=	11883.	SIGE=	10297.							
MID	SX,SY,SXY,SZ=	14214.	6815.5	99.012	-500.00	SIG1,SIG2,SIG3=	14216.	6814.2	-500.00		
	S.I.=	14716.	SIGE=	12744.							



EL= 871	NODES= 412 413 473 472	MAT= 1	AREA= 1.06	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-5.510 -15.50 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	625.37 95.144 10.787				
TOP SX, SY, SKY, SZ=	12311. 8191.3 24.391 0.	SIG1, SIG2, SIG3=	12311. 8191.3 -35671E-07		
S.I.=	17311. SIGE= 14999.				
MID SX, SY, SKY, SZ=	1+064. 7697.3 -31.615 -500.00	SIG1, SIG2, SIG3=	14065. 7697.2 -500.00		
S.I.=	14565. SIGE= 12646.				
BOT SX, SY, SKY, SZ=	10818. 7203.4 -87.620 -1000.0	SIG1, SIG2, SIG3=	10820. 7201.2 -1000.0		
S.I.=	11820. SIGE= 10489.				
EL= 872	NODES= 365 366 426 425	MAT= 1	AREA= .687	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.012 -16.44 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-361.75 -214.50 37.031				
TOP SX, SY, SKY, SZ=	12326. 5590.7 266.88 0.	SIG1, SIG2, SIG3=	12336. 5580.2 -26383E-07		
S.I.=	12336. SIGE= 10700.				
MID SX, SY, SKY, SZ=	14204. 6704.4 76.615 -500.00	SIG1, SIG2, SIG3=	14205. 6703.7 -500.00		
S.I.=	14705. SIGE= 12736.				
BOT SX, SY, SKY, SZ=	16082. 7818.1 -117.65 -1000.0	SIG1, SIG2, SIG3=	16084. 7816.4 -1000.0		
S.I.=	17084. SIGE= 14798.				
EL= 873	NODES= 411 412 472 471	MAT= 1	AREA= 1.17	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.961 -14.90 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	478.72 47.615 -3.5968				
TOP SX, SY, SKY, SZ=	16586. 7994.7 -109.64 0.	SIG1, SIG2, SIG3=	16588. 7993.3 -33529E-07		
S.I.=	16588. SIGE= 14368.				
MID SX, SY, SKY, SZ=	14101. 7747.5 -90.963 -500.00	SIG1, SIG2, SIG3=	14102. 7746.2 -500.00		
S.I.=	14602. SIGE= 12681.				
BOT SX, SY, SKY, SZ=	11615. 7500.3 -72.289 -1000.0	SIG1, SIG2, SIG3=	11616. 7499.0 -1000.0		
S.I.=	12616. SIGE= 11144.				
EL= 874	NODES= 366 367 427 426	MAT= 1	AREA= .687	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.966 -16.30 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-282.27 -197.83 32.113				
TOP SX, SY, SKY, SZ=	12730. 5578.9 229.28 0.	SIG1, SIG2, SIG3=	12737. 5571.6 -28062E-07		
S.I.=	12737. SIGE= 11059.				
MID SX, SY, SKY, SZ=	14195. 6606.0 62.544 -500.00	SIG1, SIG2, SIG3=	14196. 6605.5 -500.00		
S.I.=	14696. SIGE= 12729.				
BOT SX, SY, SKY, SZ=	15661. 7633.2 -104.19 -1000.0	SIG1, SIG2, SIG3=	15662. 7631.8 -1000.0		
S.I.=	16662. SIGE= 14433.				
EL= 875	NODES= 410 411 471 470	MAT= 1	AREA= 1.30	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.487 -14.08 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	330.10 -5.5369 -16.542				
TOP SX, SY, SKY, SZ=	15860. 7706.8 -213.09 0.	SIG1, SIG2, SIG3=	15866. 7701.3 -32005E-07		
S.I.=	15866. SIGE= 13742.				
MID SX, SY, SKY, SZ=	14146. 7735.6 -127.21 -500.00	SIG1, SIG2, SIG3=	14149. 7733.1 -500.00		
S.I.=	14849. SIGE= 12719.				
BOT SX, SY, SKY, SZ=	12432. 7764.3 -41.322 -1000.0	SIG1, SIG2, SIG3=	12433. 7764.0 -1000.0		
S.I.=	13433. SIGE= 11812.				
EL= 876	NODES= 367 368 428 427	MAT= 1	AREA= .687	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	3.909 -16.10 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-214.83 -185.37 26.276				
TOP SX, SY, SKY, SZ=	13075. 5567.6 197.71 0.	SIG1, SIG2, SIG3=	13080. 5562.4 -29450E-07		
S.I.=	13080. SIGE= 11370.				
MID SX, SY, SKY, SZ=	14190. 6519.7 61.282 -500.00	SIG1, SIG2, SIG3=	14191. 6519.2 -500.00		
S.I.=	14691. SIGE= 12727.				
BOT SX, SY, SKY, SZ=	15306. 7471.7 -75.144 -1000.0	SIG1, SIG2, SIG3=	15306. 7471.0 -1000.0		
S.I.=	16306. SIGE= 14125.				
EL= 877	NODES= 409 410 470 469	MAT= 1	AREA= 1.43	TTOP, TBT= 0.0 0.0	QUAD SHELL 63



EL= 878 NODES= 368 369 429 428 MAT= 1 AREA= .687 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 4.840 -15.84 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= -160.20 -171.92 20.100									
TOP SX, SY, SKY, SZ= 13357. 5552.8 172.41 0. SIG1, SIG2, SIG3= 13361. 5549.0 -.30537E-07									
S.I.= 13361. SIGE= 11626.									
MID SX, SY, SKY, SZ= 14189. 6445.4 68.045 -500.00 SIG1, SIG2, SIG3= 14190. 6444.8 -500.00									
S.I.= 14690. SIGE= 12728.									
BOT SX, SY, SKY, SZ= 15021. 7338.0 -36.316 -1000.0 SIG1, SIG2, SIG3= 15021. 7337.8 -1000.0									
S.I.= 16021. SIGE= 13878.									
EL= 879 NODES= 408 409 469 468 MAT= 1 AREA= 1.58 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -11.64 -11.59 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= 44.528 -116.98 -27.230									
TOP SX, SY, SKY, SZ= 14501. 6929.0 -277.67 0. SIG1, SIG2, SIG3= 14511. 6918.9 -.29649E-07									
S.I.= 14511. SIGE= 12572.									
MID SX, SY, SKY, SZ= 14270. 7536.4 -136.29 -500.00 SIG1, SIG2, SIG3= 14273. 7533.6 -500.00									
S.I.= 14773. SIGE= 12810.									
BOT SX, SY, SKY, SZ= 14039. 8143.8 5.0936 -1000.0 SIG1, SIG2, SIG3= 14039. 8143.8 -1000.0									
S.I.= 15039. SIGE= 13125.									
EL= 880 NODES= 369 370 430 429 MAT= 1 AREA= .687 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 5.753 -15.53 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= -118.91 -163.90 13.968									
TOP SX, SY, SKY, SZ= 13575. 5532.1 153.25 0. SIG1, SIG2, SIG3= 13578. 5529.2 -.31468E-07									
S.I.= 13578. SIGE= 11826.									
MID SX, SY, SKY, SZ= 14192. 6383.1 80.726 -500.00 SIG1, SIG2, SIG3= 14193. 6382.2 -500.00									
S.I.= 14693. SIGE= 12733.									
BOT SX, SY, SKY, SZ= 14809. 7234.0 8.2040 -1000.0 SIG1, SIG2, SIG3= 14809. 7234.0 -1000.0									
S.I.= 15809. SIGE= 13695.									
EL= 881 NODES= 407 408 468 467 MAT= 1 AREA= 1.74 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -13.15 -9.824 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= -83.080 -167.90 -22.702									
TOP SX, SY, SKY, SZ= 13917. 6520.0 -227.98 0. SIG1, SIG2, SIG3= 13924. 6513.0 -.28997E-07									
S.I.= 13924. SIGE= 12066.									
MID SX, SY, SKY, SZ= 14348. 7391.8 -110.12 -500.00 SIG1, SIG2, SIG3= 14350. 7390.0 -500.00									
S.I.= 14850. SIGE= 12869.									
BOT SX, SY, SKY, SZ= 14779. 8263.5 7.7516 -1000.0 SIG1, SIG2, SIG3= 14779. 8263.5 -1000.0									
S.I.= 15779. SIGE= 13734.									
EL= 882 NODES= 370 371 431 430 MAT= 1 AREA= .687 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 6.648 -15.17 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= -91.434 -159.55 8.0921									
TOP SX, SY, SKY, SZ= 13725. 5503.8 139.38 0. SIG1, SIG2, SIG3= 13727. 5501.4 -.32255E-07									
S.I.= 13727. SIGE= 11966.									
MID SX, SY, SKY, SZ= 14200. 6332.2 97.365 -500.00 SIG1, SIG2, SIG3= 14201. 6331.0 -500.00									
S.I.= 14701. SIGE= 12742.									
BOT SX, SY, SKY, SZ= 14674. 7160.6 55.351 -1000.0 SIG1, SIG2, SIG3= 14675. 7160.2 -1000.0									
S.I.= 15675. SIGE= 13579.									
EL= 883 NODES= 406 407 467 466 MAT= 1 AREA= 1.92 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -14.52 -7.647 2.215 PRESS= 1000.0 0.									
MX, MY, MXY= -193.45 -210.55 -14.030									
TOP SX, SY, SKY, SZ= 13431. 5175.9 -140.88 0. SIG1, SIG2, SIG3= 13434. 6173.2 -.28415E-07									
S.I.= 13434. SIGE= 11647.									

WT	SX,SY,SXY,SZ=	14435.	7269.1	-68.035	-500.00	SIG1,SIG2,SIG3=	14436.	7269.4	-500.00
	S.I.=	14936.	SIGE=	12939.					
BOT	SX,SY,SXY,SZ=	15440.	8362.2	4.8098	-1000.0	SIG1,SIG2,SIG3=	15440.	8362.2	-1000.0
	S.I.=	16440.	SIGE=	14283.					
EL= 884	NODES=	371 372 432 431	MAT= 1	AREA= .687	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	2.520 -14.76 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-78.124 -158.96 2.5517							
TOP	SX,SY,SXY,SZ=	13807.	5467.1	129.32	0.	SIG1,SIG2,SIG3=	13809.	5465.1	-.32668E-07
	S.I.=	13809.	SIGE=	12045.					
MID	SX,SY,SXY,SZ=	14212.	6292.5	116.08	-500.00	SIG1,SIG2,SIG3=	14214.	6290.8	-500.00
	S.I.=	14714.	SIGE=	12755.					
BOT	SX,SY,SXY,SZ=	14618.	7117.8	102.83	-1000.0	SIG1,SIG2,SIG3=	14619.	7116.4	-1000.0
	S.I.=	15619.	SIGE=	13530.					
EL= 885	NODES=	405 406 466 465	MAT= 1	AREA= 2.12	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	-15.60 -5.031 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-278.35 -241.83 -6.1004							
TOP	SX,SY,SXY,SZ=	13083.	5958.7	-52.252	0.	SIG1,SIG2,SIG3=	13083.	5958.3	-.27911E-07
	S.I.=	13083.	SIGE=	11345.					
MID	SX,SY,SXY,SZ=	14528.	7214.3	-20.578	-500.00	SIG1,SIG2,SIG3=	14528.	7214.2	-500.00
	S.I.=	15028.	SIGE=	13016.					
BOT	SX,SY,SXY,SZ=	15973.	8469.8	11.095	-1000.0	SIG1,SIG2,SIG3=	15973.	8469.8	-1000.0
	S.I.=	16973.	SIGE=	14732.					
EL= 886	NODES=	372 373 433 432	MAT= 1	AREA= .687	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	8.366 -14.30 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-79.152 -162.17 -2.6706							
TOP	SX,SY,SXY,SZ=	13819.	5422.0	121.15	0.	SIG1,SIG2,SIG3=	13821.	5420.2	-.32820E-07
	S.I.=	13821.	SIGE=	12062.					
MID	SX,SY,SXY,SZ=	14230.	6263.9	135.02	-500.00	SIG1,SIG2,SIG3=	14232.	6261.7	-500.00
	S.I.=	14732.	SIGE=	12773.					
BOT	SX,SY,SXY,SZ=	14641.	7105.9	148.89	-1000.0	SIG1,SIG2,SIG3=	14644.	7103.0	-1000.0
	S.I.=	15644.	SIGE=	13551.					
EL= 887	NODES=	404 405 465 464	MAT= 1	AREA= 2.34	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	-16.26 -1.976 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-323.71 -258.71 -4.1489							
TOP	SX,SY,SXY,SZ=	12936.	5911.7	-10.573	0.	SIG1,SIG2,SIG3=	12936.	5911.7	-.27460E-07
	S.I.=	12936.	SIGE=	11217.					
MID	SX,SY,SXY,SZ=	14617.	7255.0	10.968	-500.00	SIG1,SIG2,SIG3=	14617.	7254.9	-500.00
	S.I.=	15117.	SIGE=	13093.					
BOT	SX,SY,SXY,SZ=	16298.	8598.2	32.509	-1000.0	SIG1,SIG2,SIG3=	16298.	8598.1	-1000.0
	S.I.=	17298.	SIGE=	15010.					
EL= 888	NODES=	373 374 434 433	MAT= 1	AREA= .687	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	9.184 -13.79 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-94.490 -169.12 -7.6470							
TOP	SX,SY,SXY,SZ=	13763.	5368.9	112.69	0.	SIG1,SIG2,SIG3=	13764.	5367.4	-.32857E-07
	S.I.=	13764.	SIGE=	12016.					
MID	SX,SY,SXY,SZ=	14253.	6247.0	152.39	-500.00	SIG1,SIG2,SIG3=	14256.	6244.1	-500.00
	S.I.=	14756.	SIGE=	12795.					
BOT	SX,SY,SXY,SZ=	14744.	7125.1	192.09	-1000.0	SIG1,SIG2,SIG3=	14749.	7120.2	-1000.0
	S.I.=	15749.	SIGE=	13641.					
EL= 889	NODES=	403 404 464 463	MAT= 1	AREA= 2.59	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63		
	XC,YC,ZC=	-16.30 1.469 2.215	PRESS=	1000.0 0.					
	MX,MY,MXY=	-309.50 -256.50 -9.9466							
TOP	SX,SY,SXY,SZ=	13089.	6032.8	-55.693	0.	SIG1,SIG2,SIG3=	13090.	6032.4	-.27599E-07
	S.I.=	13090.	SIGE=	11348.					
MID	SX,SY,SXY,SZ=	14696.	7364.6	-4.0499	-500.00	SIG1,SIG2,SIG3=	14696.	7364.6	-500.00
	S.I.=	15196.	SIGE=	13183.					
BOT	SX,SY,SXY,SZ=	16303.	8696.4	47.593	-1000.0	SIG1,SIG2,SIG3=	16304.	8696.1	-1000.0
	S.I.=	17304.	SIGE=	15022.					

EL= 890	NODES= 374 375 435 434	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 9.971	-13.23 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -123.87	-179.70 -12.466				
TOP SK, SY, SKY, SZ= 13638.	5309.3	101.78	0.	SIG1, SIG2, SIG3= 13640.	5308.0 -0.32561E-07
S.I.= 13640.	SIGE= 11909.				
MID SK, SY, SKY, SZ= 14282.	6242.3	166.50	-500.00	SIG1, SIG2, SIG3= 14285.	6238.9 -500.00
S.I.= 14785.	SIGE= 12821.				
BOT SK, SY, SKY, SZ= 14925.	7175.3	231.23	-1000.0	SIG1, SIG2, SIG3= 14932.	7174 -1000.0
S.I.= 15932.	SIGE= 13799.				
EL= 891	NODES= 402 403 463 462	MAT= 1	AREA= 2.85	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -15.50	5.181 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -219.77	-231.26 -19.087				
TOP SK, SY, SKY, SZ= 13635.	6233.8	-182.85	0.	SIG1, SIG2, SIG3= 13639.	6229.3 -0.29016E-07
S.I.= 13639.	SIGE= 11827.				
MID SK, SY, SKY, SZ= 14776.	7434.6	-83.751	-500.00	SIG1, SIG2, SIG3= 14777.	7433.6 -500.00
S.I.= 15277.	SIGE= 13233.				
BOT SK, SY, SKY, SZ= 15917.	8635.3	15.350	-1000.0	SIG1, SIG2, SIG3= 15917.	8635.3 -1000.0
S.I.= 16917.	SIGE= 14698.				
EL= 892	NODES= 375 376 436 435	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 10.72	-12.63 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -166.89	-193.72 -17.198				
TOP SK, SY, SKY, SZ= 13448.	5245.2	86.542	0.	SIG1, SIG2, SIG3= 13449.	5244.3 -0.32107E-07
S.I.= 13449.	SIGE= 11741.				
MID SK, SY, SKY, SZ= 14315.	6251.0	175.83	-500.00	SIG1, SIG2, SIG3= 14319.	6247.1 -500.00
S.I.= 14819.	SIGE= 12850.				
BOT SK, SY, SKY, SZ= 15181.	7256.7	265.13	-1000.0	SIG1, SIG2, SIG3= 15190.	7247.9 -1000.0
S.I.= 16190.	SIGE= 14022.				
EL= 893	NODES= 401 402 462 461	MAT= 1	AREA= 3.15	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.65	8.935 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -57.373	-187.47 -24.423				
TOP SK, SY, SKY, SZ= 14584.	6342.1	-310.15	0.	SIG1, SIG2, SIG3= 14596.	6330.5 -0.32332E-07
S.I.= 14596.	SIGE= 12677.				
MID SK, SY, SKY, SZ= 14882.	7315.5	-183.34	-500.00	SIG1, SIG2, SIG3= 14887.	7311.0 -500.00
S.I.= 15387.	SIGE= 13326.				
BOT SK, SY, SKY, SZ= 15180.	8288.8	-56.539	-1000.0	SIG1, SIG2, SIG3= 15180.	8288.3 -1000.0
S.I.= 16180.	SIGE= 14064.				
EL= 894	NODES= 376 377 437 436	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.44	-11.98 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -222.84	-210.92 -21.857				
TOP SK, SY, SKY, SZ= 13195.	5179.1	65.601	0.	SIG1, SIG2, SIG3= 13196.	5178.5 -0.31362E-07
S.I.= 13196.	SIGE= 11516.				
MID SK, SY, SKY, SZ= 14352.	6274.1	179.08	-500.00	SIG1, SIG2, SIG3= 14356.	6270.2 -500.00
S.I.= 14856.	SIGE= 12883.				
BOT SK, SY, SKY, SZ= 15509.	7369.2	292.56	-1000.0	SIG1, SIG2, SIG3= 15520.	7358.7 -1000.0
S.I.= 16520.	SIGE= 14307.				
EL= 895	NODES= 400 401 461 460	MAT= 1	AREA= 3.48	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -10.58	12.37 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= 179.58	-130.33 -24.425				
TOP SK, SY, SKY, SZ= 15949.	6312.8	-299.22	0.	SIG1, SIG2, SIG3= 15958.	6303.5 -0.37653E-07
S.I.= 15958.	SIGE= 13922.				
MID SK, SY, SKY, SZ= 15017.	6989.5	-172.41	-500.00	SIG1, SIG2, SIG3= 15021.	6985.8 -500.00
S.I.= 15521.	SIGE= 13444.				
BOT SK, SY, SKY, SZ= 14084.	7666.1	-45.597	-1000.0	SIG1, SIG2, SIG3= 14085.	7665.8 -1000.0
S.I.= 15085.	SIGE= 13112.				
EL= 896	NODES= 377 378 438 437	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 12.12	-11.30 2.215	PRESS= 1000.0	0.		
MX, MY, MXY= -290.94	-230.99 -26.367				



TOP SX,SY,SXY,SZ= 12882.	5113.7	38.255	0.	SIG1,SIG2,SIG3= 12883.	5113.5	-30367E-0
S.I.= 12883.	SIGE= 11235.					
MID SX,SY,SXY,SZ= 14393.	6313.0	175.15	-500.00	SIG1,SIG2,SIG3= 14397.	6309.2	-500.00
S.I.= 14397.	SIGE= 12917.					
BOT SX,SY,SXY,SZ= 15904.	7512.3	312.05	-1000.0	SIG1,SIG2,SIG3= 15915.	7500.7	-1000.0
S.I.= 15915.	SIGE= 14649.					
EL= 897 NODES= 399 400 460 459	MAT= 1	AREA= 3.48		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= -6.484 14.93 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= 141.00 -162.31 -23.274						
TOP SX,SY,SXY,SZ= 15877.	5873.0	-115.60	0.	SIG1,SIG2,SIG3= 15878.	5871.6	-39062E-07
S.I.= 15878.	SIGE= 13906.					
MID SX,SY,SXY,SZ= 15145.	6715.6	5.2353	-500.00	SIG1,SIG2,SIG3= 15145.	6715.6	-500.00
S.I.= 15145.	SIGE= 13562.					
BOT SX,SY,SXY,SZ= 14413.	7558.3	126.08	-1000.0	SIG1,SIG2,SIG3= 14415.	7556.0	-1000.0
S.I.= 15415.	SIGE= 13377.					
EL= 898 NODES= 398 399 459 458	MAT= 1	AREA= 3.15		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= -2.048 16.18 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= -99.174 -250.17 -21.437						
TOP SX,SY,SXY,SZ= 14699.	5404.9	65.831	0.	SIG1,SIG2,SIG3= 14699.	5404.4	-36346E-07
S.I.= 14699.	SIGE= 12878.					
MID SX,SY,SXY,SZ= 15214.	6703.8	177.13	-500.00	SIG1,SIG2,SIG3= 15218.	6700.1	-500.00
S.I.= 15218.	SIGE= 13628.					
BOT SX,SY,SXY,SZ= 15729.	8002.6	288.43	-1000.0	SIG1,SIG2,SIG3= 15740.	7991.9	-1000.0
S.I.= 16740.	SIGE= 14510.					
EL= 899 NODES= 378 379 439 438	MAT= 1	AREA= .687		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= 12.76 -10.57 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= -370.33 -253.54 -30.529						
TOP SX,SY,SXY,SZ= 12514.	5052.0	4.6277	0.	SIG1,SIG2,SIG3= 12514.	5052.0	-29253E-07
S.I.= 12514.	SIGE= 10904.					
MID SX,SY,SXY,SZ= 14437.	6368.4	163.14	-500.00	SIG1,SIG2,SIG3= 14440.	6365.1	-500.00
S.I.= 14940.	SIGE= 12952.					
BOT SX,SY,SXY,SZ= 16359.	7884.8	321.64	-1000.0	SIG1,SIG2,SIG3= 16371.	7672.9	-1000.0
S.I.= 17371.	SIGE= 15044.					
EL= 900 NODES= 379 380 440 439	MAT= 1	AREA= .687		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= 13.35 -9.810 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= -460.17 -277.96 -33.970						
TOP SX,SY,SXY,SZ= 12093.	4997.0	-34.193	0.	SIG1,SIG2,SIG3= 12093.	4996.8	-27797E-07
S.I.= 12093.	SIGE= 10526.					
MID SX,SY,SXY,SZ= 14482.	6440.1	142.18	-500.00	SIG1,SIG2,SIG3= 14485.	6437.6	-500.00
S.I.= 14985.	SIGE= 12989.					
BOT SX,SY,SXY,SZ= 16871.	7883.3	318.55	-1000.0	SIG1,SIG2,SIG3= 16883.	7872.0	-1000.0
S.I.= 17883.	SIGE= 15487.					
EL= 901 NODES= 380 381 441 440	MAT= 1	AREA= .687		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= 13.90 -9.017 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= -559.50 -303.30 -36.063						
TOP SX,SY,SXY,SZ= 11626.	4952.2	-75.462	0.	SIG1,SIG2,SIG3= 11626.	4951.3	-26124E-07
S.I.= 11626.	SIGE= 10106.					
MID SX,SY,SXY,SZ= 14530.	6526.9	110.78	-500.00	SIG1,SIG2,SIG3= 14532.	6525.4	-500.00
S.I.= 15032.	SIGE= 13027.					
BOT SX,SY,SXY,SZ= 17435.	8101.7	298.02	-1000.0	SIG1,SIG2,SIG3= 17445.	8092.2	-1000.0
S.I.= 18445.	SIGE= 15974.					
EL= 902 NODES= 381 382 442 441	MAT= 1	AREA= .687		TTOP,TBOT= 0.0 0.0		QUAD SHELL 63
XC,YC,ZC= 14.40 -8.193 2.215	PRESS= 1000.0	0.				
MX,MY,MXY= -666.93 -329.07 -35.879						
TOP SX,SY,SXY,SZ= 11117.	4918.2	-118.17	0.	SIG1,SIG2,SIG3= 11119.	4916.0	-24329E-07
S.I.= 11119.	SIGE= 9651.1					
MID SX,SY,SXY,SZ= 14580.	6626.7	68.116	-500.00	SIG1,SIG2,SIG3= 14580.	6626.2	-500.00
S.I.= 15080.	SIGE= 13066.					



EL= 903	NODES= 382 383 443 442	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	14.85 -7.341 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-779.96 -356.43 -32.081				
TOP SX, SY, SKY, SZ=	10575. 4887.0 -143.97 0.	SIG1, SIG2, SIG3=	10579. 4883.4 -22316E-07		
S.I.=	10579. SIGE= 9170.3				
MID SX, SY, SKY, SZ=	14625. 6737.6 22.592 -500.00	SIG1, SIG2, SIG3=	14625. 6737.5 -500.00		
S.I.=	15125. SIGE= 13102.				
BOT SX, SY, SKY, SZ=	18674. 8588.2 189.15 -1000.0	SIG1, SIG2, SIG3=	18678. 8584.7 -1000.0		
S.I.=	19678. SIGE= 17043.				
EL= 904	NODES= 383 384 444 443	MAT= 1	AREA= .687	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	15.25 -6.464 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-892.14 -390.31 -19.648				
TOP SX, SY, SKY, SZ=	10023. 4827.1 -111.67 0.	SIG1, SIG2, SIG3=	10026. 4824.7 -20315E-07		
S.I.=	10026. SIGE= 8684.4				
MID SX, SY, SKY, SZ=	14655. 6853.6 -9.6553 -500.00	SIG1, SIG2, SIG3=	14655. 6853.6 -500.00		
S.I.=	15155. SIGE= 13127.				
BOT SX, SY, SKY, SZ=	19287. 8879.1 92.356 -1000.0	SIG1, SIG2, SIG3=	19288. 8879.3 -1000.0		
S.I.=	20288. SIGE= 17572.				
EL= 905	NODES= 384 385 445 444	MAT= 1	AREA= .681	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	15.55 -5.554 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	-102.23 155.73 -59.857				
TOP SX, SY, SKY, SZ=	14010. 6189.0 -335.29 0.	SIG1, SIG2, SIG3=	14024. 6174.7 -30710E-07		
S.I.=	14024. SIGE= 12174.				
MID SX, SY, SKY, SZ=	14540. 6997.6 -24.515 -500.00	SIG1, SIG2, SIG3=	14541. 6997.5 -500.00		
S.I.=	15041. SIGE= 13026.				
BOT SX, SY, SKY, SZ=	15071. 7806.1 286.26 -1000.0	SIG1, SIG2, SIG3=	15083. 7794.9 -1000.0		
S.I.=	16083. SIGE= 13948.				
EL= 906	NODES= 385 386 446 445	MAT= 1	AREA= .872	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	15.82 -4.498 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	706.65 78.243 -12.687				
TOP SX, SY, SKY, SZ=	18261. 7606.7 -115.59 0.	SIG1, SIG2, SIG3=	18262. 7605.4 -41585E-07		
S.I.=	18262. SIGE= 15889.				
MID SX, SY, SKY, SZ=	14592. 7200.4 -49.719 -500.00	SIG1, SIG2, SIG3=	14592. 7200.1 -500.00		
S.I.=	15092. SIGE= 13071.				
BOT SX, SY, SKY, SZ=	10923. 6794.2 16.153 -1000.0	SIG1, SIG2, SIG3=	10923. 6794.1 -1000.0		
S.I.=	11923. SIGE= 10487.				
EL= 907	NODES= 386 387 447 446	MAT= 1	AREA= .963	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	16.13 -3.246 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	575.52 39.919 -9.7495				
TOP SX, SY, SKY, SZ=	17622. 7551.5 -114.68 0.	SIG1, SIG2, SIG3=	17623. 7550.2 -39379E-07		
S.I.=	17623. SIGE= 15314.				
MID SX, SY, SKY, SZ=	14634. 7344.2 -64.058 -500.00	SIG1, SIG2, SIG3=	14634. 7343.6 -500.00		
S.I.=	15134. SIGE= 13110.				
BOT SX, SY, SKY, SZ=	11646. 7136.9 -13.439 -1000.0	SIG1, SIG2, SIG3=	11646. 7136.9 -1000.0		
S.I.=	12646. SIGE= 11101.				
EL= 908	NODES= 387 388 448 447	MAT= 1	AREA= 1.06	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	16.34 -1.840 2.215	PRESS=	1000.0 0.		
MX, MY, MXY=	440.82 1.6763 1.4167				
TOP SX, SY, SKY, SZ=	16986. 7503.6 -60.699 0.	SIG1, SIG2, SIG3=	16986. 7503.2 -37113E-07		
S.I.=	16986. SIGE= 14744.				
MID SX, SY, SKY, SZ=	14697. 7494.9 -88.054 -500.00	SIG1, SIG2, SIG3=	14698. 7494.3 -500.00		
S.I.=	15198. SIGE= 13168.				
BOT SX, SY, SKY, SZ=	12409. 7486.2 -75.410 -1000.0	SIG1, SIG2, SIG3=	12410. 7485.1 -1000.0		
S.I.=	13410. SIGE= 11749.				
EL= 909	NODES= 388 389 449 448	MAT= 1	AREA= 1.17	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 910	NODES= 389	390	430	449	MAT= 1	AREA= 1.30	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.44	-2.740	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= 308.70	-38.532	15.027						
TOP SX, SY, SKY, SZ= 16372.	7438.6	-5.8109	0.	SIG1, SIG2, SIG3= 16372.	7438.6	-3.4957E-07		
S.I.= 16372.	SIGE= 14198.							
MID SX, SY, SKY, SZ= 14769.	7638.7	-83.832	-500.00	SIG1, SIG2, SIG3= 14770.	7637.7	-500.00		
S.I.= 15270.	SIGE= 13234.							
BOT SX, SY, SKY, SZ= 13166.	7838.7	-161.85	-1000.0	SIG1, SIG2, SIG3= 13171.	7833.8	-1000.0		
S.I.= 14171.	SIGE= 12396.							
EL= 911	NODES= 390	391	451	450	MAT= 1	AREA= 1.43	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= 184.85	-79.280	29.776						
TOP SX, SY, SKY, SZ= 15801.	7350.1	43.004	0.	SIG1, SIG2, SIG3= 15801.	7349.8	-3.2980E-07		
S.I.= 15801.	SIGE= 13695.							
MID SX, SY, SKY, SZ= 14841.	7761.7	-111.59	-500.00	SIG1, SIG2, SIG3= 14843.	7759.9	-500.00		
S.I.= 15343.	SIGE= 13301.							
BOT SX, SY, SKY, SZ= 13882.	8173.3	-266.19	-1000.0	SIG1, SIG2, SIG3= 13894.	8160.9	-1000.0		
S.I.= 14894.	SIGE= 13012.							
EL= 912	NODES= 391	392	452	451	MAT= 1	AREA= 1.58	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.347	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= 76.349	-118.60	43.834						
TOP SX, SY, SKY, SZ= 15308.	7234.0	89.140	0.	SIG1, SIG2, SIG3= 15309.	7233.0	-3.1571E-07		
S.I.= 15309.	SIGE= 13245.							
MID SX, SY, SKY, SZ= 14912.	7849.8	-138.44	-500.00	SIG1, SIG2, SIG3= 14914.	7847.1	-500.00		
S.I.= 15414.	SIGE= 13365.							
BOT SX, SY, SKY, SZ= 14515.	8465.6	-366.03	-1000.0	SIG1, SIG2, SIG3= 14537.	8443.5	-1000.0		
S.I.= 15537.	SIGE= 13560.							
EL= 913	NODES= 392	393	453	452	MAT= 1	AREA= 1.74	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= -68.847	-187.49	60.129						
TOP SX, SY, SKY, SZ= 14673.	6889.9	174.41	0.	SIG1, SIG2, SIG3= 14677.	6886.0	-3.0522E-07		
S.I.= 14677.	SIGE= 12719.							
MID SX, SY, SKY, SZ= 15031.	7863.3	-137.78	-500.00	SIG1, SIG2, SIG3= 15033.	7860.7	-500.00		
S.I.= 15533.	SIGE= 13465.							
BOT SX, SY, SKY, SZ= 15388.	8836.7	-449.97	-1000.0	SIG1, SIG2, SIG3= 15419.	8806.0	-1000.0		
S.I.= 16419.	SIGE= 14309.							
EL= 914	NODES= 393	394	454	453	MAT= 1	AREA= 1.92	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.695	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= -102.17	-214.92	57.081						
TOP SX, SY, SKY, SZ= 14547.	6645.0	208.01	0.	SIG1, SIG2, SIG3= 14553.	6639.5	-3.0932E-07		
S.I.= 14553.	SIGE= 12619.							
MID SX, SY, SKY, SZ= 15078.	7760.9	-88.356	-500.00	SIG1, SIG2, SIG3= 15079.	7759.8	-500.00		
S.I.= 15579.	SIGE= 13500.							
BOT SX, SY, SKY, SZ= 15638.	8876.8	-384.72	-1000.0	SIG1, SIG2, SIG3= 15630.	8854.9	-1000.0		
S.I.= 16630.	SIGE= 14484.							
EL= 915	NODES= 394	395	455	454	MAT= 1	AREA= 2.12	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82	2.215	PRESS= 1000.0	0.				
MX, MY, MXY= -118.91	-237.22	44.580						
TOP SX, SY, SKY, SZ= 14504.	6349.4	225.34	0.	SIG1, SIG2, SIG3= 14510.	6343.2	-3.1973E-07		
S.I.= 14510.	SIGE= 12599.							

MID	SX,SY,SXY,SZ=	15121.	7581.1	-6.0212	-500.00	SIG1,SIG2,SIG3=	15121.	7581.1	-500.00	
	S.I.=	15621.	SIGE=	13531.						
BOT	SX,SY,SXY,SZ=	15739.	8812.8	-237.38	-1000.0	SIG1,SIG2,SIG3=	15747.	8804.6	-1000.0	
	S.I.=	16747.	SIGE=	14574.						
EL= 916	NODES=	395	396	456	455	MAT= 1	AREA= 2.34	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	8.905	13.75	2.215		PRESS=	1000.0	0.		
	MX,MY,MXY=	-133.27	-255.42	24.557						
TOP	SX,SY,SXY,SZ=	14471.	6019.9	219.55	0.	SIG1,SIG2,SIG3=	14471.	6014.2	-.33136E-07	
	S.I.=	14477.	SIGE=	12597.						
MID	SX,SY,SXY,SZ=	15163.	7346.1	92.054	-500.00	SIG1,SIG2,SIG3=	15165.	7345.0	-500.00	
	S.I.=	15665.	SIGE=	13566.						
BOT	SX,SY,SXY,SZ=	15855.	8672.3	-35.447	-1000.0	SIG1,SIG2,SIG3=	15856.	8672.1	-1000.0	
	S.I.=	16856.	SIGE=	14650.						
EL= 917	NODES=	396	397	457	456	MAT= 1	AREA= 2.59	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	5.824	15.29	2.215		PRESS=	1000.0	0.		
	MX,MY,MXY=	-153.64	-270.05	2.7248						
TOP	SX,SY,SXY,SZ=	14402.	5694.5	193.23	0.	SIG1,SIG2,SIG3=	14406.	5690.2	-.34178E-07	
	S.I.=	14406.	SIGE=	12567.						
MID	SX,SY,SXY,SZ=	15199.	7096.6	179.08	-500.00	SIG1,SIG2,SIG3=	15203.	7092.6	-500.00	
	S.I.=	15703.	SIGE=	13602.						
BOT	SX,SY,SXY,SZ=	15997.	8498.7	164.94	-1000.0	SIG1,SIG2,SIG3=	16001.	8495.0	-1000.0	
	S.I.=	17001.	SIGE=	14757.						
EL= 918	NODES=	397	398	458	457	MAT= 1	AREA= 2.85	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	2.137	16.20	2.215		PRESS=	1000.0	0.		
	MX,MY,MXY=	-163.29	-275.20	-13.814						
TOP	SX,SY,SXY,SZ=	14372.	5440.5	151.53	0.	SIG1,SIG2,SIG3=	14375.	5437.9	-.34950E-07	
	S.I.=	14375.	SIGE=	12571.						
MID	SX,SY,SXY,SZ=	15220.	6869.3	223.25	-500.00	SIG1,SIG2,SIG3=	15226.	6863.4	-500.00	
	S.I.=	15726.	SIGE=	13628.						
BOT	SX,SY,SXY,SZ=	16068.	8298.2	294.97	-1000.0	SIG1,SIG2,SIG3=	16079.	8287.0	-1000.0	
	S.I.=	17079.	SIGE=	14810.						
EL= 919	NODES=	421	422	482	481	MAT= 1	AREA= .964	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-1.825	-16.41	3.074		PRESS=	1000.0	0.		
	MX,MY,MXY=	100.03	-96.674	75.234						
TOP	SX,SY,SXY,SZ=	14726.	6724.8	502.93	0.	SIG1,SIG2,SIG3=	14757.	6693.3	-.31520E-07	
	S.I.=	14757.	SIGE=	12798.						
MID	SX,SY,SXY,SZ=	14206.	7226.8	112.31	-500.00	SIG1,SIG2,SIG3=	14208.	7225.0	-500.00	
	S.I.=	14708.	SIGE=	12743.						
BOT	SX,SY,SXY,SZ=	13687.	7728.7	-278.30	-1000.0	SIG1,SIG2,SIG3=	13700.	7715.7	-1000.0	
	S.I.=	14700.	SIGE=	12803.						
EL= 920	NODES=	422	423	483	482	MAT= 1	AREA= .971	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-8.722	-16.54	3.074		PRESS=	1000.0	0.		
	MX,MY,MXY=	-661.39	-328.53	37.238						
TOP	SX,SY,SXY,SZ=	10912.	5373.6	324.63	0.	SIG1,SIG2,SIG3=	10931.	5354.6	-.21845E-07	
	S.I.=	10931.	SIGE=	9467.1						
MID	SX,SY,SXY,SZ=	14346.	7079.3	131.28	-500.00	SIG1,SIG2,SIG3=	14348.	7076.9	-500.00	
	S.I.=	14848.	SIGE=	12860.						
BOT	SX,SY,SXY,SZ=	17780.	8785.0	-62.057	-1000.0	SIG1,SIG2,SIG3=	17780.	8784.6	-1000.0	
	S.I.=	18780.	SIGE=	16269.						
EL= 921	NODES=	474	421	481	534	MAT= 1	AREA= 1.23	TTOP,TBOT=	0.0 0.0	QUAD SHELL 63
	XC,YC,ZC=	-2.894	-16.19	3.074		PRESS=	1000.0	0.		
	MX,MY,MXY=	892.41	145.35	31.522						
TOP	SX,SY,SXY,SZ=	18868.	8184.9	256.98	0.	SIG1,SIG2,SIG3=	18874.	8178.7	-.41774E-07	
	S.I.=	18874.	SIGE=	16394.						
MID	SX,SY,SXY,SZ=	14234.	7430.3	93.321	-500.00	SIG1,SIG2,SIG3=	14236.	7429.0	-500.00	
	S.I.=	14736.	SIGE=	12774.						
BOT	SX,SY,SXY,SZ=	9601.0	6675.6	-70.341	-1000.0	SIG1,SIG2,SIG3=	9602.7	6673.9	-1000.0	
	S.I.=	10603.	SIGE=	9483.8						



EL= 922	NODES= 423 424 484 483	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	.8805E-01 -16.57 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	-566.90 -305.36 35.693				
TOP SX,SY,SKY,SZ=	11409. 5375.8 308.17 0.	SIG1,SIG2,SIG3=	11425. 5360.1 -.23732E-07		
S.I.=	11425. SIGE= 9900.5				
MID SX,SY,SKY,SZ=	14348. 6961.2 122.86 -500.00	SIG1,SIG2,SIG3=	14350. 6959.2 -500.00		
S.I.=	14850. SIGE= 12860.				
BOT SX,SY,SKY,SZ=	17287. 8546.6 -62.460 -1000.0	SIG1,SIG2,SIG3=	17287. 8546.2 -1000.0		
S.I.=	16287. SIGE= 15842.				
EL= 923	NODES= 473 474 534 533	MAT= 1	AREA= 1.36	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-4.152 -15.92 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	766.79 109.65 22.406				
TOP SX,SY,SKY,SZ=	18217. 8122.9 158.12 0.	SIG1,SIG2,SIG3=	18219. 8120.4 -.39511E-07		
S.I.=	18219. SIGE= 15809.				
MID SX,SY,SKY,SZ=	14236. 7553.6 41.784 -500.00	SIG1,SIG2,SIG3=	14236. 7553.3 -500.00		
S.I.=	14736. SIGE= 12780.				
BOT SX,SY,SKY,SZ=	10254. 6984.3 -74.549 -1000.0	SIG1,SIG2,SIG3=	10256. 6982.6 -1000.0		
S.I.=	11256. SIGE= 10028.				
EL= 924	NODES= 424 425 485 484	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	1.0 -16.53 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	-566.90 -286.34 34.503				
TOP SX,SY,SKY,SZ=	11919. 5352.7 277.42 0.	SIG1,SIG2,SIG3=	11919. 5341.0 -.25742E-07		
S.I.=	11919. SIGE= 10341.				
MID SX,SY,SKY,SZ=	14351. 6839.4 98.278 -500.00	SIG1,SIG2,SIG3=	14352. 6838.1 -500.00		
S.I.=	14852. SIGE= 12862.				
BOT SX,SY,SKY,SZ=	16794. 8326.1 -80.861 -1000.0	SIG1,SIG2,SIG3=	16794. 8325.3 -1000.0		
S.I.=	17794. SIGE= 15416.				
EL= 925	NODES= 472 473 533 532	MAT= 1	AREA= 1.53	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-5.510 -15.50 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	627.12 68.581 11.722				
TOP SX,SY,SKY,SZ=	17500. 8015.8 37.267 0.	SIG1,SIG2,SIG3=	17500. 8015.6 -.37147E-07		
S.I.=	17500. SIGE= 15173.				
MID SX,SY,SKY,SZ=	14244. 7659.7 -23.593 -500.00	SIG1,SIG2,SIG3=	14244. 7659.6 -500.00		
S.I.=	14744. SIGE= 12793.				
BOT SX,SY,SKY,SZ=	10988. 7303.6 -84.453 -1000.0	SIG1,SIG2,SIG3=	10990. 7301.7 -1000.0		
S.I.=	11990. SIGE= 10636.				
EL= 926	NODES= 425 426 486 485	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	2.012 -16.44 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	-382.50 -267.99 32.044				
TOP SX,SY,SKY,SZ=	12364. 5328.7 243.33 0.	SIG1,SIG2,SIG3=	12372. 5320.3 -.27541E-07		
S.I.=	12372. SIGE= 10750.				
MID SX,SY,SKY,SZ=	14350. 6720.1 76.958 -500.00	SIG1,SIG2,SIG3=	14351. 6719.4 -500.00		
S.I.=	14851. SIGE= 12863.				
BOT SX,SY,SKY,SZ=	16336. 8111.5 -89.412 -1000.0	SIG1,SIG2,SIG3=	16337. 8110.6 -1000.0		
S.I.=	17337. SIGE= 15021.				
EL= 927	NODES= 471 472 532 531	MAT= 1	AREA= 1.66	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-6.961 -14.90 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	479.47 19.505 -.52102				
TOP SX,SY,SKY,SZ=	16756. 7825.1 -79.048 0.	SIG1,SIG2,SIG3=	16756. 7824.4 -.34943E-07		
S.I.=	16756. SIGE= 14522.				
MID SX,SY,SKY,SZ=	14266. 7723.8 -76.343 -500.00	SIG1,SIG2,SIG3=	14267. 7722.9 -500.00		
S.I.=	14767. SIGE= 12816.				
BOT SX,SY,SKY,SZ=	11777. 7622.5 -75.638 -1000.0	SIG1,SIG2,SIG3=	11778. 7621.2 -1000.0		
S.I.=	12778. SIGE= 11289.				
EL= 928	NODES= 426 427 487 486	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	2.966 -16.30 3.074	PRESS=	1000.0 0.		
MX,MY,MXY=	-304.77 -251.56 27.891				



EL= 929	NODES= 470 471 531 530	MAT= 1	AREA= 1.83	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -8.487	-14.08	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= 327.88	-36.032	-12.052				
TOP SX, SY, SKY, SZ= 16038.	7533.9	-171.27	0.	SIG1, SIG2, SIG3= 16011.	7533.9	-.33213E-07
S.I.= 16011.	SIGE= 3874.					
MID SX, SY, SKY, SZ= 14306.	7722.4	-108.70	-500.00	SIG1, SIG2, SIG3= 14307.	7722.6	-500.00
S.I.= 14807.	SIGE= 12850.					
BOT SX, SY, SKY, SZ= 12603.	7911.5	-46.124	-1000.0	SIG1, SIG2, SIG3= 12604.	7911.0	-1000.0
S.I.= 13604.	SIGE= 11968.					
EL= 930	NODES= 427 428 488 487	MAT= 1	AREA= .971	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 3.909	-16.10	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -238.46	-237.99	22.534				
TOP SX, SY, SKY, SZ= 13100.	5282.1	180.13	0.	SIG1, SIG2, SIG3= 13105.	5277.9	-.30601E-07
S.I.= 13105.	SIGE= 11420.					
MID SX, SY, SKY, SZ= 14339.	6517.7	63.127	-500.00	SIG1, SIG2, SIG3= 14339.	6517.2	-500.00
S.I.= 14839.	SIGE= 12857.					
BOT SX, SY, SKY, SZ= 15577.	7753.4	-53.872	-1000.0	SIG1, SIG2, SIG3= 15577.	7753.0	-1000.0
S.I.= 16577.	SIGE= 14364.					
EL= 931	NODES= 469 470 530 529	MAT= 1	AREA= 2.02	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 10.84	-12.99	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= 177.01	-75.824	-20.022				
TOP SX, SY, SKY, SZ= 15274.	7161.7	-225.78	0.	SIG1, SIG2, SIG3= 15280.	7155.4	-.31826E-07
S.I.= 15280.	SIGE= 13242.					
MID SX, SY, SKY, SZ= 14355.	7659.2	-121.82	-500.00	SIG1, SIG2, SIG3= 14357.	7657.0	-500.00
S.I.= 14857.	SIGE= 12887.					
BOT SX, SY, SKY, SZ= 13436.	8156.7	-17.871	-1000.0	SIG1, SIG2, SIG3= 13436.	8156.7	-1000.0
S.I.= 14436.	SIGE= 12651.					
EL= 932	NODES= 428 429 489 488	MAT= 1	AREA= .971	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 4.840	-15.84	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -184.35	-227.63	16.694				
TOP SX, SY, SKY, SZ= 13376.	5255.9	154.53	0.	SIG1, SIG2, SIG3= 13379.	5255.0	-.3171
S.I.= 13379.	SIGE= 11075.					
MID SX, SY, SKY, SZ= 14333.	6437.8	67.851	-500.00	SIG1, SIG2, SIG3= 14334.	6437.2	-500.00
S.I.= 14834.	SIGE= 12856.					
BOT SX, SY, SKY, SZ= 15291.	7619.6	-16.825	-1000.0	SIG1, SIG2, SIG3= 15291.	7619.6	-1000.0
S.I.= 16291.	SIGE= 14116.					
EL= 933	NODES= 468 469 529 528	MAT= 1	AREA= 2.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -11.64	-11.59	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= 32.427	-156.70	-22.342				
TOP SX, SY, SKY, SZ= 14579.	6729.5	-230.73	0.	SIG1, SIG2, SIG3= 14586.	6722.7	-.30689E-07
S.I.= 14586.	SIGE= 12645.					
MID SX, SY, SKY, SZ= 14811.	7541.2	-114.74	-500.00	SIG1, SIG2, SIG3= 14813.	7541.2	-500.00
S.I.= 14913.	SIGE= 12928.					
BOT SX, SY, SKY, SZ= 14243.	8356.7	1.2596	-1000.0	SIG1, SIG2, SIG3= 14243.	8356.7	-1000.0
S.I.= 15243.	SIGE= 13314.					
EL= 934	NODES= 429 430 490 489	MAT= 1	AREA= .971	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 5.753	-15.53	3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -143.18	-220.64	10.867				
TOP SX, SY, SKY, SZ= 13588.	5225.9	134.03	0.	SIG1, SIG2, SIG3= 13590.	5223.7	-.32681E-07
S.I.= 13590.	SIGE= 11874.					
MID SX, SY, SKY, SZ= 14331.	6371.4	77.611	-500.00	SIG1, SIG2, SIG3= 14332.	6370.7	-500.00
S.I.= 14832.	SIGE= 12856.					

EL= 935 NODES= 457 468 528 527 MAT= 1 AREA= 2.46 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.15 -9.824 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -99.821 -214.42 -18.731									
TOP SX,SY,SKY,SZ= 13954. 6291.1 -185.20 0. SIG1,SIG2,SIG3= 13958. 6286.7 -.30066E-07									
S.I.= 13958. SIGE= 12108.									
MID SX,SY,SKY,SZ= 14472. 7404.4 -87.953 -500.00 SIG1,SIG2,SIG3= 14473. 7403.3 -500.00									
S.I.= 14473. SIGE= 12974.									
BOT SX,SY,SKY,SZ= 14990. 8517.7 9.2988 -1000.0 SIG1,SIG2,SIG3= 14990. 8517.7 -1000.0									
S.I.= 14990. SIGE= 13931.									
EL= 936 NODES= 430 431 491 490 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 6.648 -15.17 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -115.61 -217.18 5.3022									
TOP SX,SY,SKY,SZ= 13733. 5190.5 118.22 0. SIG1,SIG2,SIG3= 13734. 5188.9 -.33444E-07									
S.I.= 13734. SIGE= 12012.									
MID SX,SY,SKY,SZ= 14333. 6318.2 90.888 -500.00 SIG1,SIG2,SIG3= 14334. 6317.1 -500.00									
S.I.= 14334. SIGE= 12860.									
BOT SX,SY,SKY,SZ= 14933. 7445.8 67.159 -1000.0 SIG1,SIG2,SIG3= 14934. 7445.2 -1000.0									
S.I.= 14933. SIGE= 13807.									
EL= 937 NODES= 466 467 527 526 MAT= 1 AREA= 2.72 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.52 -7.647 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -213.05 -264.37 -11.265									
TOP SX,SY,SKY,SZ= 13429. 5911.6 -104.51 0. SIG1,SIG2,SIG3= 13430. 5910.1 -.29508E-07									
S.I.= 13430. SIGE= 11659.									
MID SX,SY,SKY,SZ= 14335. 7284.2 -46.025 -500.00 SIG1,SIG2,SIG3= 14335. 7283.9 -500.00									
S.I.= 14335. SIGE= 13024.									
BOT SX,SY,SKY,SZ= 15641. 8656.8 12.461 -1000.0 SIG1,SIG2,SIG3= 15641. 8656.7 -1000.0									
S.I.= 15641. SIGE= 14674.									
EL= 938 NODES= 431 432 492 491 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 7.520 -14.76 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -102.13 -217.38 .86099E-01									
TOP SX,SY,SKY,SZ= 13809. 5148.9 105.88 0. SIG1,SIG2,SIG3= 13810. 5147.7 -.33900E-07									
S.I.= 13810. SIGE= 12089.									
MID SX,SY,SKY,SZ= 14339. 6277.6 105.44 -500.00 SIG1,SIG2,SIG3= 14341. 6276.2 -500.00									
S.I.= 14341. SIGE= 12869.									
BOT SX,SY,SKY,SZ= 14870. 7406.2 104.99 -1000.0 SIG1,SIG2,SIG3= 14871. 7404.7 -1000.0									
S.I.= 14871. SIGE= 13753.									
EL= 939 NODES= 465 466 526 525 MAT= 1 AREA= 3.00 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.60 -5.031 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -298.46 -302.45 -4.2805									
TOP SX,SY,SKY,SZ= 13046. 5656.4 -22.676 0. SIG1,SIG2,SIG3= 13046. 5656.3 -.28945E-07									
S.I.= 13046. SIGE= 11331.									
MID SX,SY,SKY,SZ= 14596. 7226.7 -.45142 -500.00 SIG1,SIG2,SIG3= 14596. 7226.7 -500.00									
S.I.= 14596. SIGE= 13074.									
BOT SX,SY,SKY,SZ= 16145. 8797.0 21.777 -1000.0 SIG1,SIG2,SIG3= 16145. 8797.0 -1000.0									
S.I.= 17145. SIGE= 14899.									
EL= 940 NODES= 432 433 493 492 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.366 -14.30 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= -103.01 -221.27 -4.7734									
TOP SX,SY,SKY,SZ= 13816. 5100.8 95.343 0. SIG1,SIG2,SIG3= 13817. 5099.8 -.34041E-07									
S.I.= 13817. SIGE= 12102.									
MID SX,SY,SKY,SZ= 14351. 6249.7 120.23 -500.00 SIG1,SIG2,SIG3= 14353. 6247.9 -500.00									
S.I.= 14353. SIGE= 12881.									
BOT SX,SY,SKY,SZ= 14886. 7398.5 145.12 -1000.0 SIG1,SIG2,SIG3= 14889. 7395.7 -1000.0									
S.I.= 15889. SIGE= 15767.									
EL= 941 NODES= 464 465 525 524 MAT= 1 AREA= 3.31 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									

EL= 942 NODES= 433 434 494 493 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 9.184 -13.79 3.074 PRESS= 1000.0 0. MX,MY,MXY= -117.27 -228.84 -9.4032 TOP SX,SY,SXY,SZ= 12867. 5569.7 13.134 0. SIG1,SIG2,SIG3= 12867. 5569.7 -.28548E-07 S.I.= 12867. SIGE= 1177. MID SX,SY,SXY,SZ= 14647. 7258.1 27.465 -500.00 SIG1,SIG2,SIG3= 14647. 7258.0 -500.00 S.I.= 15147. SIGE= 13119. BOT SX,SY,SXY,SZ= 16426. 8946.4 41.797 -1000.0 SIG1,SIG2,SIG3= 16426. 8946.4 -1000.0 S.I.= 17426. SIGE= 15142.									
EL= 943 NODES= 463 464 524 523 MAT= 1 AREA= 3.66 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -16.30 1.460 3.074 PRESS= 1000.0 0. MX,MY,MXY= -328.38 -329.33 -8.7022 TOP SX,SY,SXY,SZ= 12980. 5643.3 -35.531 0. SIG1,SIG2,SIG3= 12980. 5643.3 -.28729E-07 S.I.= 12980. SIGE= 11273. MID SX,SY,SXY,SZ= 14685. 7353.3 9.6510 -500.00 SIG1,SIG2,SIG3= 14685. 7353.3 -500.00 S.I.= 15185. SIGE= 13153. BOT SX,SY,SXY,SZ= 16390. 9062.8 54.833 -1000.0 SIG1,SIG2,SIG3= 16390. 9062.8 -1000.0 S.I.= 17390. SIGE= 15122.									
EL= 944 NODES= 434 435 495 494 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 9.971 -15.23 3.074 PRESS= 1000.0 0. MX,MY,MXY= -147.66 -239.96 -15.828 TOP SX,SY,SXY,SZ= 13624. 4987.7 71.960 0. SIG1,SIG2,SIG3= 13625. 4987.1 -.33833E-07 S.I.= 13625. SIGE= 11940. MID SX,SY,SXY,SZ= 14391. 6235.6 143.76 -500.00 SIG1,SIG2,SIG3= 14393. 6231.0 -500.00 S.I.= 14893. SIGE= 12918. BOT SX,SY,SXY,SZ= 15157. 7473.4 215.55 -1000.0 SIG1,SIG2,SIG3= 15163. 7473.4 -1000.0 S.I.= 16163. SIGE= 14003.									
EL= 945 NODES= 462 463 523 522 MAT= 1 AREA= 4.04 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -15.50 5.181 3.074 PRESS= 1000.0 0. MX,MY,MXY= -241.83 -312.95 -17.841 TOP SX,SY,SXY,SZ= 13472. 5784.7 -160.44 0. SIG1,SIG2,SIG3= 13472. 5784.7 -.30003E-07 S.I.= 13472. SIGE= 11706. MID SX,SY,SXY,SZ= 14724. 7412.2 -67.814 -500.00 SIG1,SIG2,SIG3= 14725. 7412.2 -500.00 S.I.= 15222. SIGE= 13189. BOT SX,SY,SXY,SZ= 15980. 9037.6 24.814 -1000.0 SIG1,SIG2,SIG3= 15980. 9037.6 -1000.0 S.I.= 16980. SIGE= 14786.									
EL= 946 NODES= 435 436 496 495 MAT= 1 AREA= .971 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 10.72 -12.63 3.074 PRESS= 1000.0 0. MX,MY,MXY= -190.69 -254.46 -18.136 TOP SX,SY,SXY,SZ= 13428. 4925.3 55.529 0. SIG1,SIG2,SIG3= 13428. 4925.3 -.33298E-07 S.I.= 13428. SIGE= 11766. MID SX,SY,SXY,SZ= 14418. 6244.1 149.89 -500.00 SIG1,SIG2,SIG3= 14421. 6244.1 -500.00 S.I.= 14921. SIGE= 12941. BOT SX,SY,SXY,SZ= 15408. 7560.4 243.86 -1000.0 SIG1,SIG2,SIG3= 15415. 7560.4 -1000.0 S.I.= 16415. SIGE= 14221.									
EL= 947 NODES= 461 462 522 521 MAT= 1 AREA= 4.45 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -13.65 8.935 3.074 PRESS= 1000.0 0. MX,MY,MXY= -84.542 -278.96 -22.541 TOP SX,SY,SXY,SZ= 14354. 5854.8 -276.29 0. SIG1,SIG2,SIG3= 14363. 5845.8 -.33275E-07 S.I.= 14363. SIGE= 12510.									



MID	437	497	496	7203.2	-159.26	-500.00	SIG1, SIG2, SIG3=	14797.	7299.8	-500.00	QUAD SHELL 63
AC, YC, ZC=	11.84	-11.28	3.074	-22.343		AREA=	.971	0.0	0.0		
MX, MY, MZ=	-245.01	-272.06	3.074	34.188	0.	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	4863.0	-42.228	-1000.0	SIG1, SIG2, SIG3=	15232.	8751.3	-1000.0	
AC, YC, ZC=	13.169	13.169	0.	4863.0		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14449.	14449.	0.	150.19	-500.00	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	6275.5	266.20	-1000.0	SIG1, SIG2, SIG3=	15738.	7679.3	-1000.0	
AC, YC, ZC=	14.952	14.952	0.	6275.5		AREA=	.971	0.0	0.0		
MX, MY, MZ=	15729.	15729.	0.	266.20	-1000.0	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	7488.1	-35.117	-1000.0	SIG1, SIG2, SIG3=	14112.	8186.0	-1000.0	
AC, YC, ZC=	16.738	16.738	0.	7488.1		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14449.	14449.	0.	150.19	-500.00	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	5828.5	7.4402	-500.00	SIG1, SIG2, SIG3=	15677.	5821.7	-38225E-07	
AC, YC, ZC=	15.677	15.677	0.	5828.5		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14891.	14891.	0.	-147.04	-500.00	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	7007.3	281.28	-1000.0	SIG1, SIG2, SIG3=	16126.	7829.7	-1000.0	
AC, YC, ZC=	15.333	15.333	0.	7007.3		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14112.	14112.	0.	35.117	-1000.0	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	14854.	-20.422	-500.00	SIG1, SIG2, SIG3=	14987.	6750.6	-500.00	
AC, YC, ZC=	17.126	17.126	0.	14854.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	15116.	15116.	0.	281.28	-1000.0	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	8100.1	16.577	-500.00	SIG1, SIG2, SIG3=	14987.	6750.6	-500.00	
AC, YC, ZC=	14.986	14.986	0.	8100.1		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14427.	14427.	0.	122.61	-1000.0	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	13421.	-89.452	-500.00	SIG1, SIG2, SIG3=	15568.	5400.3	-39792E-07	
AC, YC, ZC=	15.677	15.677	0.	13421.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14987.	14987.	0.	16.577	-500.00	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	13421.	122.61	-1000.0	SIG1, SIG2, SIG3=	14409.	8097.7	-1000.0	
AC, YC, ZC=	14.986	14.986	0.	13421.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	14427.	14427.	0.	122.61	-1000.0	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	10908.	-29.983	-500.00	SIG1, SIG2, SIG3=	14521.	6381.1	-500.00	
AC, YC, ZC=	12.76	12.76	0.	10908.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	12477.	12477.	0.	4745.9	-500.00	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	13024.	287.06	-1000.0	SIG1, SIG2, SIG3=	16571.	8010.9	-1000.0	
AC, YC, ZC=	15.021	15.021	0.	13024.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	16561.	16561.	0.	287.06	-1000.0	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	12646.	-19.606	-500.00	SIG1, SIG2, SIG3=	15039.	6720.4	-500.00	
AC, YC, ZC=	14.365	14.365	0.	12646.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	15035.	15035.	0.	176.85	-500.00	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	15468.	75.061	-1000.0	SIG1, SIG2, SIG3=	15716.	8521.1	-1000.0	
AC, YC, ZC=	15.539	15.539	0.	15468.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	15705.	15705.	0.	278.65	-1000.0	PRESS=	1000.0	0.0	0.0		
MID	437	497	496	14365.	-348.17	-500.00	SIG1, SIG2, SIG3=	14365.	4915.9	-36857E-07	
AC, YC, ZC=	16.18	16.18	0.	14365.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	129.11	129.11	0.	176.85	-500.00	PRESS=	1000.0	0.0	0.0		
TOP	437	497	496	15716.	278.65	-1000.0	SIG1, SIG2, SIG3=	15716.	8521.1	-1000.0	
AC, YC, ZC=	15.716	15.716	0.	15716.		AREA=	.971	0.0	0.0		
MX, MY, MZ=	15705.	15705.	0.	278.65	-1000.0	PRESS=	1000.0	0.0	0.0		



EL= 954	NODES= 457 458 518 517	MAT= 1	AREA= 4.04	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.137	16.20 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -196.18	-374.37 -13.223				
TOP SX,SY,SKY,SZ=	14017. 4923.1 151.47 0.	SIG1,SIG2,SIG3=	14019. 4920.6 -.35606E-07		
S.I.=	14019. SIGE= 12320.				
MID SX,SY,SKY,SZ=	15035. 6866.8 220.12 -500.00	SIG1,SIG2,SIG3=	15041. 6860.9 -500.00		
S.I.=	15541. SIGE= 13465.				
BOT SX,SY,SKY,SZ=	16054. 8810.6 288.78 -1000.0	SIG1,SIG2,SIG3=	16066. 8799.1 -1000.0		
S.I.=	17066. SIGE= 14833.				
EL= 955	NODES= 439 440 500 499	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.35	-9.810 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -481.08	-340.40 -32.685				
TOP SX,SY,SKY,SZ=	12052. 4695.8 -59.372 0.	SIG1,SIG2,SIG3=	12053. 4695.3 -.28774E-07		
S.I.=	12053. SIGE= 10523.				
MID SX,SY,SKY,SZ=	14555. 6483.1 110.33 -500.00	SIG1,SIG2,SIG3=	14556. 6461.6 -500.00		
S.I.=	15056. SIGE= 13051.				
BOT SX,SY,SKY,SZ=	17057. 8230.5 80.03 -1000.0	SIG1,SIG2,SIG3=	17066. 8221.6 -1000.0		
S.I.=	18066. SIGE= 15647.				
EL= 956	NODES= 440 441 501 500	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.90	-9.017 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -579.47	-367.14 -33.719				
TOP SX,SY,SKY,SZ=	11580. 4653.0 -95.071 0.	SIG1,SIG2,SIG3=	11581. 4651.7 -.27152E-07		
S.I.=	11581. SIGE= 10094.				
MID SX,SY,SKY,SZ=	14588. 6559.2 80.000 -500.00	SIG1,SIG2,SIG3=	14589. 6558.4 -500.00		
S.I.=	15089. SIGE= 13077.				
BOT SX,SY,SKY,SZ=	17597. 8485.3 255.07 -1000.0	SIG1,SIG2,SIG3=	17604. 8458.2 -1000.0		
S.I.=	18604. SIGE= 16112.				
EL= 957	NODES= 441 442 502 501	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.40	-8.193 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -684.38	-394.56 -32.453				
TOP SX,SY,SKY,SZ=	11065. 4618.1 -127.95 0.	SIG1,SIG2,SIG3=	11067. 4615.6 -.25256E-07		
S.I.=	11067. SIGE= 9628.3				
MID SX,SY,SKY,SZ=	14618. 6666.7 40.541 -500.00	SIG1,SIG2,SIG3=	14618. 6666.5 -500.00		
S.I.=	15118. SIGE= 13099.				
BOT SX,SY,SKY,SZ=	18171. 8715.3 209.03 -1000.0	SIG1,SIG2,SIG3=	18176. 8710.7 -1000.0		
S.I.=	19176. SIGE= 16607.				
EL= 958	NODES= 442 443 503 502	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.85	-7.341 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -793.48	-421.59 -28.983				
TOP SX,SY,SKY,SZ=	10525. 4583.1 -153.08 0.	SIG1,SIG2,SIG3=	10529. 4579.1 -.23296E-07		
S.I.=	10529. SIGE= 9144.1				
MID SX,SY,SKY,SZ=	14645. 6772.0 -2.6018 -500.00	SIG1,SIG2,SIG3=	14645. 6772.0 -500.00		
S.I.=	15145. SIGE= 13119.				
BOT SX,SY,SKY,SZ=	18764. 8960.9 147.88 -1000.0	SIG1,SIG2,SIG3=	18767. 8958.6 -1000.0		
S.I.=	19767. SIGE= 17119.				
EL= 959	NODES= 443 444 504 503	MAT= 1	AREA= .971	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.25	-6.464 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -898.25	-451.92 -24.687				
TOP SX,SY,SKY,SZ=	10014. 4521.1 -156.87 0.	SIG1,SIG2,SIG3=	10018. 4516.7 -.21542E-07		
S.I.=	10018. SIGE= 8590.2				
MID SX,SY,SKY,SZ=	14678. 6867.5 -28.695 -500.00	SIG1,SIG2,SIG3=	14678. 6867.4 -500.00		
S.I.=	5178. SIGE= 13146.				
BOT SX,SY,SKY,SZ=	19341. 9213.9 99.477 -1000.0	SIG1,SIG2,SIG3=	19342. 9212.9 -1000.0		
S.I.=	20342. SIGE= 17617.				
EL= 960	NODES= 444 445 505 504	MAT= 1	AREA= .964	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.55	-5.554 3.074	PRESS= 1000.0	0.		
MX,MY,MXY= -119.96	-217.51 -58.617				

TOP	SX,SY,SKY,SZ=	13964.	5884.2	-341.85	0.	SIG1,SIG2,SIG3=	13964.	5889.7	-.31669E-07
	S.I.=	13964.	SIGE=	12145.					
MID	SX,SY,SKY,SZ=	14573.	7013.5	-37.510	-500.00	SIG1,SIG2,SIG3=	14573.	7013.3	-500.00
	S.I.=	15073.	SIGE=	13054.					
BOT	SX,SY,SKY,SZ=	15196.	8142.8	266.83	-1000.0	SIG1,SIG2,SIG3=	15206.	8132.7	-1000.0
	S.I.=	16206.	SIGE=	14072.					
EL= 961 NODES= 445 446 506 505 MAT= 1 AREA= 1.23 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -4.498 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 691.81 24.770 -15.608									
TOP	SX,SY,SKY,SZ=	18233.	7350.2	-151.76	0.	SIG1,SIG2,SIG3=	18235.	7348.1	-.42656E-07
	S.I.=	18235.	SIGE=	15891.					
MID	SX,SY,SKY,SZ=	14641.	7221.6	-70.725	-500.00	SIG1,SIG2,SIG3=	14642.	7220.9	-500.00
	S.I.=	15142.	SIGE=	13114.					
BOT	SX,SY,SKY,SZ=	11050.	7093.0	10.313	-1000.0	SIG1,SIG2,SIG3=	11050.	7093.0	-1000.0
	S.I.=	12050.	SIGE=	10638.					
EL= 962 NODES= 446 447 507 506 MAT= 1 AREA= 1.36 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.13 -3.246 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 565.81 -14.934 -9.1810									
TOP	SX,SY,SKY,SZ=	17619.	7271.8	-135.76	0.	SIG1,SIG2,SIG3=	17620.	7270.0	-.40467E-07
	S.I.=	17620.	SIGE=	15337.					
MID	SX,SY,SKY,SZ=	14681.	7349.3	-88.095	-500.00	SIG1,SIG2,SIG3=	14682.	7348.3	-500.00
	S.I.=	15182.	SIGE=	13150.					
BOT	SX,SY,SKY,SZ=	11743.	7426.9	-40.427	-1000.0	SIG1,SIG2,SIG3=	11743.	7426.5	-1000.0
	S.I.=	12743.	SIGE=	11225.					
EL= 963 NODES= 447 448 508 507 MAT= 1 AREA= 1.50 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.34 -1.840 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 432.77 -55.338 .25603									
TOP	SX,SY,SKY,SZ=	16963.	7212.6	-93.187	0.	SIG1,SIG2,SIG3=	16964.	7211.8	-.38118E-07
	S.I.=	16964.	SIGE=	14746.					
MID	SX,SY,SKY,SZ=	14717.	7500.0	-94.517	-500.00	SIG1,SIG2,SIG3=	14718.	7498.7	-500.00
	S.I.=	15218.	SIGE=	13185.					
BOT	SX,SY,SKY,SZ=	12470.	7787.3	-95.846	-1000.0	SIG1,SIG2,SIG3=	12472.	7785.3	-1000.0
	S.I.=	13472.	SIGE=	11845.					
EL= 964 NODES= 448 449 509 508 MAT= 1 AREA= 1.66 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.44 -.2740 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 300.32 -99.036 12.640									
TOP	SX,SY,SKY,SZ=	16320.	7136.4	-46.223	0.	SIG1,SIG2,SIG3=	16321.	7136.2	-.35948E-07
	S.I.=	16321.	SIGE=	14171.					
MID	SX,SY,SKY,SZ=	14761.	7650.6	-111.85	-500.00	SIG1,SIG2,SIG3=	14763.	7648.8	-500.00
	S.I.=	15263.	SIGE=	13228.					
BOT	SX,SY,SKY,SZ=	13202.	8164.8	-177.48	-1000.0	SIG1,SIG2,SIG3=	13208.	8158.5	-1000.0
	S.I.=	14208.	SIGE=	12475.					
EL= 965 NODES= 449 450 510 509 MAT= 1 AREA= 1.83 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.37 1.457 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 174.72 -143.85 26.496									
TOP	SX,SY,SKY,SZ=	15720.	7027.9	.78270E-01	0.	SIG1,SIG2,SIG3=	15720.	7027.9	-.34067E-07
	S.I.=	15720.	SIGE=	13639.					
MID	SX,SY,SKY,SZ=	14813.	7774.8	-137.49	-500.00	SIG1,SIG2,SIG3=	14815.	7772.1	-500.00
	S.I.=	15315.	SIGE=	13278.					
BOT	SX,SY,SKY,SZ=	13906.	8521.7	-275.06	-1000.0	SIG1,SIG2,SIG3=	13920.	8507.6	-1000.0
	S.I.=	14920.	SIGE=	13082.					
EL= 966 NODES= 450 451 511 510 MAT= 1 AREA= 2.02 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 16.09 3.347 3.074 PRESS= 1000.0 0.									
MX,MY,MXY= 62.953 -188.02 39.723									
TOP	SX,SY,SKY,SZ=	15189.	6882.0	46.155	0.	SIG1,SIG2,SIG3=	15190.	6881.7	-.32486E-07
	S.I.=	15190.	SIGE=	13174.					
MID	SX,SY,SKY,SZ=	14862.	7858.2	-160.09	-500.00	SIG1,SIG2,SIG3=	14866.	7854.5	-500.00
	S.I.=	15366.	SIGE=	13324.					

EL= 967	NODES= 451 452 512 511	MAT= 1	AREA= 2.23	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.379 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -27.677	-230.14 49.998				
TOP SX, SY, SKY, SZ= 14762.	6692.4	91.801	0.	SIG1, SIG2, SIG3= 14762.	6692.4 -0.31517E-07
S.I.= 14762.	SIGE= 12803.				
MID SX, SY, SKY, SZ= 14905.	7888.3	-167.79	-500.00	SIG1, SIG2, SIG3= 14909.	7884.3 -500.00
S.I.= 15409.	SIGE= 13362.				
BOT SX, SY, SKY, SZ= 15048.	9083.2	-427.38	-1000.0	SIG1, SIG2, SIG3= 15079.	9052.7 -1000.0
S.I.= 16079.	SIGE= 14069.				
EL= 968	NODES= 452 453 513 512	MAT= 1	AREA= 2.46	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -92.226	-268.74 54.914				
TOP SX, SY, SKY, SZ= 14458.	6456.6	135.87	0.	SIG1, SIG2, SIG3= 14460.	6454.3 -0.3158E-07
S.I.= 14460.	SIGE= 12547.				
MID SX, SY, SKY, SZ= 14937.	7851.9	-149.24	-500.00	SIG1, SIG2, SIG3= 14940.	7848.7 -500.00
S.I.= 15440.	SIGE= 13386.				
BOT SX, SY, SKY, SZ= 15415.	9247.1	-434.35	-1000.0	SIG1, SIG2, SIG3= 15446.	9216.7 -1000.0
S.I.= 16446.	SIGE= 14381.				
EL= 969	NODES= 453 454 514 513	MAT= 1	AREA= 2.72	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.695 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -131.32	-302.49 52.195				
TOP SX, SY, SKY, SZ= 14279.	6168.7	173.88	0.	SIG1, SIG2, SIG3= 14282.	6165.0 -0.31781E-07
S.I.= 14282.	SIGE= 12407.				
MID SX, SY, SKY, SZ= 14960.	7739.3	-97.112	-500.00	SIG1, SIG2, SIG3= 14962.	7738.0 -500.00
S.I.= 15462.	SIGE= 13400.				
BOT SX, SY, SKY, SZ= 15642.	9309.8	-368.11	-1000.0	SIG1, SIG2, SIG3= 15664.	9288.5 -1000.0
S.I.= 16664.	SIGE= 14563.				
EL= 970	NODES= 454 455 515 514	MAT= 1	AREA= 3.00	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -152.98	-330.70 40.766				
TOP SX, SY, SKY, SZ= 14187.	5837.0	197.69	0.	SIG1, SIG2, SIG3= 14192.	5832.3 -0.22736E-07
S.I.= 14192.	SIGE= 12355.				
MID SX, SY, SKY, SZ= 14981.	7554.0	-13.965	-500.00	SIG1, SIG2, SIG3= 14981.	7554.0 -500.00
S.I.= 15481.	SIGE= 13411.				
BOT SX, SY, SKY, SZ= 15775.	9271.0	-225.62	-1000.0	SIG1, SIG2, SIG3= 15783.	9263.2 -1000.0
S.I.= 16783.	SIGE= 14655.				
EL= 971	NODES= 455 456 516 515	MAT= 1	AREA= 3.31	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -169.96	-353.39 22.314				
TOP SX, SY, SKY, SZ= 14120.	5485.7	200.61	0.	SIG1, SIG2, SIG3= 14125.	5481.0 -0.33835E-07
S.I.= 14125.	SIGE= 12334.				
MID SX, SY, SKY, SZ= 15002.	7320.4	84.754	-500.00	SIG1, SIG2, SIG3= 15003.	7319.5 -500.00
S.I.= 15503.	SIGE= 13426.				
BOT SX, SY, SKY, SZ= 15885.	9155.2	-31.099	-1000.0	SIG1, SIG2, SIG3= 15885.	9155.1 -1000.0
S.I.= 16885.	SIGE= 14723.				
EL= 972	NODES= 456 457 517 516	MAT= 1	AREA= 3.66	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824	15.29 3.074	PRESS= 1000.0	0.		
MX, MY, MXY= -189.69	-369.89 2.0109				
TOP SX, SY, SKY, SZ= 14037.	5158.5	184.13	0.	SIG1, SIG2, SIG3= 14041.	5154.7 -0.34759E-07
S.I.= 14041.	SIGE= 12302.				
MID SX, SY, SKY, SZ= 15022.	7079.0	173.69	-500.00	SIG1, SIG2, SIG3= 15026.	7075.2 -500.00
S.I.= 15526.	SIGE= 13447.				
BOT SX, SY, SKY, SZ= 16007.	8999.4	163.25	-1000.0	SIG1, SIG2, SIG3= 16010.	8995.6 -1000.0
S.I.= 17010.	SIGE= 14807.				
EL= 973	NODES= 481 482 542 541	MAT= 1	AREA= 1.36	TTOP, TBOT= 0.0 0.0	QUAD SHELL 65

EL= 974	NODES= 482 483 543 542	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-1.825 -16.41 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	72.741 -190.53 51.512				
TOP SX, SY, SXY, SZ=	14938. 6214.3 394.92 0.	SIG1, SIG2, SIG3=	14956. 6196.5 -0.34364E-07		
S.I.=	14956. SIGE= 13016.				
MID SX, SY, SXY, SZ=	14561. 7203.5 127.47 -500.00	SIG1, SIG2, SIG3=	14563. 7201.3 -500.00		
S.I.=	15063. SIGE= 13046.				
BOT SX, SY, SXY, SZ=	14183. 8192.7 -139.98 -1000.0	SIG1, SIG2, SIG3=	14186. 8189.5 -1000.0		
S.I.=	15186. SIGE= 13248.				
EL= 975	NODES= 534 481 541 594	MAT= 1	AREA= 1.74	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-2.894 -16.19 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	876.77 59.545 28.072				
TOP SX, SY, SXY, SZ=	19171. 7697.8 237.04 0.	SIG1, SIG2, SIG3=	19175. 7692.9 -0.44917E-07		
S.I.=	19175. SIGE= 16714.				
MID SX, SY, SXY, SZ=	14618. 7388.6 91.287 -500.00	SIG1, SIG2, SIG3=	14620. 7387.5 -500.00		
S.I.=	15120. SIGE= 13098.				
BOT SX, SY, SXY, SZ=	10066. 7079.5 -54.464 -1000.0	SIG1, SIG2, SIG3=	10067. 7078.5 -1000.0		
S.I.=	11067. SIGE= 9916.0				
EL= 976	NODES= 483 484 544 543	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	8805E-01 -16.57 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-605.58 -434.56 29.906				
TOP SX, SY, SXY, SZ=	11538. 4734.8 262.03 0.	SIG1, SIG2, SIG3=	11548. 4724.8 -0.26705E-07		
S.I.=	11548. SIGE= 10055.				
MID SX, SY, SXY, SZ=	14681. 6991.1 106.76 -500.00	SIG1, SIG2, SIG3=	14682. 6989.6 -500.00		
S.I.=	15182. SIGE= 13148.				
BOT SX, SY, SXY, SZ=	17824. 9247.3 -48.510 -1000.0	SIG1, SIG2, SIG3=	17824. 9247.1 -1000.0		
S.I.=	18824. SIGE= 16323.				
EL= 977	NODES= 533 534 594 593	MAT= 1	AREA= 1.93	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-4.152 -15.92 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	748.54 21.648 21.319				
TOP SX, SY, SXY, SZ=	18499. 7610.1 143.88 0.	SIG1, SIG2, SIG3=	18501. 7608.2 -0.42620E-07		
S.I.=	18501. SIGE= 16106.				
MID SX, SY, SXY, SZ=	14612. 7497.7 33.187 -500.00	SIG1, SIG2, SIG3=	14612. 7497.5 -500.00		
S.I.=	15112. SIGE= 13095.				
BOT SX, SY, SXY, SZ=	10726. 7385.3 -77.502 -1000.0	SIG1, SIG2, SIG3=	10728. 7383.5 -1000.0		
S.I.=	11728. SIGE= 10464.				
EL= 978	NODES= 484 485 545 544	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	1.052 -16.53 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-509.81 -407.56 29.182				
TOP SX, SY, SXY, SZ=	12043. 4748.4 237.18 0.	SIG1, SIG2, SIG3=	12051. 4740.7 -0.28560E-07		
S.I.=	12051. SIGE= 10515.				
MID SX, SY, SXY, SZ=	14690. 6864.4 85.668 -500.00	SIG1, SIG2, SIG3=	14691. 6863.5 -500.00		
S.I.=	15191. SIGE= 13158.				
BOT SX, SY, SXY, SZ=	17337. 8700.5 -65.843 -1000.0	SIG1, SIG2, SIG3=	17338. 8979.9 -1000.0		
S.I.=	18338. SIGE= 15032.				
EL= 979	NODES= 532 533 593 592	MAT= 1	AREA= 2.13	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-5.510 -15.50 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	608.48 -25.287 13.509				
TOP SX, SY, SXY, SZ=	17769. 7485.1 48.028 0.	SIG1, SIG2, SIG3=	17770. 7484.8 -0.40213E-07		
S.I.=	17770. SIGE= 15452.				



MID	SX,SY,SXY,SZ=	14610.	7616.4	-22.370	-500.00	SIG1,SIG2,SIG3=	14610.	7616.3	-500.00
	S.I.=	15110.	SIGE=	13098.					
BOT	SX,SY,SXY,SZ=	11451.	7747.7	-92.768	-1000.0	SIG1,SIG2,SIG3=	11453.	7745.3	-1000.0
	S.I.=	12453.	SIGE=	11075.					
EL= 980 NODES= 485 486 546 545 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.012	-16.44	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-424.33	-386.26	26.247					
TOP	SX,SY,SXY,SZ=	12488.	4728.9	210.72	0.	SIG1,SIG2,SIG3=	12494.	4723.1	-.30325E-07
	S.I.=	12494.	SIGE=	10927.					
MID	SX,SY,SXY,SZ=	14692.	6734.3	74.450	-500.00	SIG1,SIG2,SIG3=	14692.	6733.6	-500.00
	S.I.=	15192.	SIGE=	13162.					
BOT	SX,SY,SXY,SZ=	16895.	8739.8	-61.822	-1000.0	SIG1,SIG2,SIG3=	16895.	8739.3	-1000.0
	S.I.=	17895.	SIGE=	15518.					
EL= 981 NODES= 531 532 592 591 MAT= 1 AREA= 2.35 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-6.961	-14.90	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	460.18	-76.185	4.1757					
TOP	SX,SY,SXY,SZ=	17020.	7302.3	-37.032	0.	SIG1,SIG2,SIG3=	17020.	7302.1	-.38093E-07
	S.I.=	17020.	SIGE=	14789.					
MID	SX,SY,SXY,SZ=	14630.	7697.8	-58.712	-500.00	SIG1,SIG2,SIG3=	14631.	7697.3	-500.00
	S.I.=	15131.	SIGE=	13119.					
BOT	SX,SY,SXY,SZ=	12241.	8093.4	-80.393	-1000.0	SIG1,SIG2,SIG3=	12243.	8091.8	-1000.0
	S.I.=	13243.	SIGE=	11731.					
EL= 982 NODES= 486 487 547 546 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	2.966	-16.30	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-348.96	-370.08	21.675					
TOP	SX,SY,SXY,SZ=	12874.	4695.4	182.38	0.	SIG1,SIG2,SIG3=	12878.	4691.4	-.32015E-07
	S.I.=	12878.	SIGE=	11289.					
MID	SX,SY,SXY,SZ=	14685.	6616.9	69.844	-500.00	SIG1,SIG2,SIG3=	14686.	6616.3	-500.00
	S.I.=	15186.	SIGE=	13160.					
BOT	SX,SY,SXY,SZ=	16497.	8538.3	-42.692	-1000.0	SIG1,SIG2,SIG3=	16497.	8538.1	-1000.0
	S.I.=	17497.	SIGE=	15174.					
EL= 983 NODES= 530 531 591 590 MAT= 1 AREA= 2.59 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-8.487	-14.08	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	305.95	-132.32	-4.6506					
TOP	SX,SY,SXY,SZ=	16254.	7023.3	-108.89	0.	SIG1,SIG2,SIG3=	16255.	7022.0	-.36091E-07
	S.I.=	16255.	SIGE=	14121.					
MID	SX,SY,SXY,SZ=	14665.	7710.3	-84.744	-500.00	SIG1,SIG2,SIG3=	14666.	7709.2	-500.00
	S.I.=	15166.	SIGE=	13149.					
BOT	SX,SY,SXY,SZ=	13077.	8397.3	-60.598	-1000.0	SIG1,SIG2,SIG3=	13078.	8396.5	-1000.0
	S.I.=	14078.	SIGE=	12417.					
EL= 984 NODES= 487 488 548 547 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	3.909	-16.10	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-284.00	-357.59	16.381					
TOP	SX,SY,SXY,SZ=	13201.	4658.8	154.99	0.	SIG1,SIG2,SIG3=	13204.	4656.0	-.33463E-07
	S.I.=	13204.	SIGE=	11599.					
MID	SX,SY,SXY,SZ=	14576.	6515.4	69.942	-500.00	SIG1,SIG2,SIG3=	14676.	6514.8	-500.00
	S.I.=	15176.	SIGE=	13156.					
BOT	SX,SY,SXY,SZ=	16150.	8372.0	-15.106	-1000.0	SIG1,SIG2,SIG3=	16150.	8372.0	-1000.0
	S.I.=	17150.	SIGE=	14874.					
EL= 985 NODES= 529 530 590 589 MAT= 1 AREA= 2.86 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-10.06	-12.99	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	150.73	-193.90	-10.521					
TOP	SX,SY,SXY,SZ=	15490.	8650.7	-151.04	0.	SIG1,SIG2,SIG3=	15492.	8648.1	-.34559E-07
	S.I.=	15492.	SIGE=	13462.					
MID	SX,SY,SXY,SZ=	14707.	7657.4	-96.413	-500.00	SIG1,SIG2,SIG3=	14709.	7656.1	-500.00
	S.I.=	15209.	SIGE=	13183.					
BOT	SX,SY,SXY,SZ=	13925.	8664.1	-41.790	-1000.0	SIG1,SIG2,SIG3=	13925.	8663.8	-1000.0
	S.I.=	14925.	SIGE=	13112.					

EL= 985	NODES= 488 489 549 548	MAT= 1	AREA= 1.37	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	4.840 -15.84 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	-230.36 -348.28 10.921				
TOP	SX,SY,SKY,SZ= 13470. 4621.7 130.45 0.	SIG1,SIG2,SIG3=	13472. 4619.7 -34670E-07		
	S.I.= 13472. SIGE= 11857.				
MID	SX,SY,SKY,SZ= 14666. 6429.9 73.744 -500.00	SIG1,SIG2,SIG3=	14666. 6429.3 -500.00		
	S.I.= 15186. SIGE= 13151.				
BOT	SX,SY,SKY,SZ= 15862. 8238.2 17.040 -1000.0	SIG1,SIG2,SIG3=	15862. 8238.1 -1000.0		
	S.I.= 16862. SIGE= 14625.				
EL= 987	NODES= 528 529 589 588	MAT= 1	AREA= 3.16	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-11.54 -11.59 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	1.2738 -258.28 -11.995				
TOP	SX,SY,SKY,SZ= 14757. 6211.2 -152.35 0.	SIG1,SIG2,SIG3=	14760. 6208.5 -33423E-07		
	S.I.= 14760. SIGE= 12836.				
MID	SX,SY,SKY,SZ= 14751. 7552.2 -90.071 -500.00	SIG1,SIG2,SIG3=	14752. 7551.1 -500.00		
	S.I.= 15252. SIGE= 13215.				
BOT	SX,SY,SKY,SZ= 14744. 8893.2 -27.793 -1000.0	SIG1,SIG2,SIG3=	14744. 8893.1 -1000.0		
	S.I.= 15744. SIGE= 13784.				
EL= 988	NODES= 489 490 550 549	MAT= 1	AREA= 1.37	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	5.753 -15.53 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	-189.09 -342.10 5.6104				
TOP	SX,SY,SKY,SZ= 13676. 4583.4 109.52 0.	SIG1,SIG2,SIG3=	13677. 4582.1 -35638E-07		
	S.I.= 13677. SIGE= 12058.				
MID	SX,SY,SKY,SZ= 14658. 6359.6 80.392 -500.00	SIG1,SIG2,SIG3=	14658. 6358.9 -500.00		
	S.I.= 15158. SIGE= 13147.				
BOT	SX,SY,SKY,SZ= 15639. 8135.8 51.263 -1000.0	SIG1,SIG2,SIG3=	15640. 8135.5 -1000.0		
	S.I.= 16640. SIGE= 14433.				
EL= 989	NODES= 527 528 588 587	MAT= 1	AREA= 3.49	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-13.15 -9.824 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	-135.04 -320.82 -8.9639				
TOP	SX,SY,SKY,SZ= 14091. 5755.9 -111.67 0.	SIG1,SIG2,SIG3=	14093. 5754.4 -32590E-07		
	S.I.= 14093. SIGE= 12273.				
MID	SX,SY,SKY,SZ= 14792. 7421.6 -65.132 -500.00	SIG1,SIG2,SIG3=	14793. 7421.0 -500.00		
	S.I.= 15293. SIGE= 13247.				
BOT	SX,SY,SKY,SZ= 15493. 9087.2 -18.592 -1000.0	SIG1,SIG2,SIG3=	15493. 9087.2 -1000.0		
	S.I.= 16493. SIGE= 14402.				
EL= 990	NODES= 490 491 551 550	MAT= 1	AREA= 1.37	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	6.648 -15.17 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	161.13 -339.20 6.1508				
TOP	SX,SY,SKY,SZ= 13817. 4542.9 92.130 0.	SIG1,SIG2,SIG3=	13817. 4542.0 -36201E-07		
	S.I.= 13817. SIGE= 12198.				
MID	SX,SY,SKY,SZ= 14853. 6304.0 88.937 -500.00	SIG1,SIG2,SIG3=	14854. 6303.1 -500.00		
	S.I.= 15154. SIGE= 13147.				
BOT	SX,SY,SKY,SZ= 15490. 8065.2 85.743 -1000.0	SIG1,SIG2,SIG3=	15491. 8064.2 -1000.0		
	S.I.= 16491. SIGE= 14305.				
EL= 991	NODES= 526 527 587 586	MAT= 1	AREA= 3.85	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-14.52 -7.647 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	-250.23 -376.01 -3.1131				
TOP	SX,SY,SKY,SZ= 13529. 5352.0 -42.491 0.	SIG1,SIG2,SIG3=	13529. 5351.8 -31987E-07		
	S.I.= 13529. SIGE= 11801.				
MID	SX,SY,SKY,SZ= 14828. 7304.2 -26.328 -500.00	SIG1,SIG2,SIG3=	14828. 7304.1 -500.00		
	S.I.= 15328. SIGE= 13275.				
BOT	SX,SY,SKY,SZ= 16127. 9256.5 -10.165 -1000.0	SIG1,SIG2,SIG3=	16127. 9256.4 -1000.0		
	S.I.= 17127. SIGE= 14929.				
EL= 992	NODES= 491 492 552 551	MAT= 1	AREA= 1.37	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	7.520 -14.76 4.288	PRESS=	1000.0 0.		
MX,MY,MXY=	-147.14 -339.71 -4.0054				

TOP	SX, SY, SKY, SZ=	13890.	4499.0	77.507	0.	SIG1, SIG2, SIG3=	13890.	4498.4	-3.6737E-07
	S.I.=	13890.	SIGE=	12275.					
MID	SX, SY, SKY, SZ=	14653.	6262.8	98.304	-500.00	SIG1, SIG2, SIG3=	14654.	6261.7	-500.00
	S.I.=	15154.	SIGE=	13149.					
BOT	SX, SY, SKY, SZ=	15417.	8026.6	119.10	-1000.0	SIG1, SIG2, SIG3=	15419.	8024.7	-1000.0
	S.I.=	16419.	SIGE=	14243.					
EL= 993 NODES= 525 526 586 585 MAT= 1 AREA= 4.25 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -15.60 -5.031 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -334.82 -418.69 1.9855									
TOP	SX, SY, SKY, SZ=	13115.	5068.5	24.549	0.	SIG1, SIG2, SIG3=	13115.	5068.5	-2.1405E-07
	S.I.=	13115.	SIGE=	11456.					
MID	SX, SY, SKY, SZ=	14854.	7242.3	14.241	-500.00	SIG1, SIG2, SIG3=	14854.	7242.3	-500.00
	S.I.=	15354.	SIGE=	13397.					
BOT	SX, SY, SKY, SZ=	16592.	9416.2	3.9321	-1000.0	SIG1, SIG2, SIG3=	16592.	9416.2	-1000.0
	S.I.=	17592.	SIGE=	15321.					
EL= 994 NODES= 492 493 553 552 MAT= 1 AREA= 1.37 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 8.366 -14.30 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -147.52 -343.71 -8.2685									
TOP	SX, SY, SKY, SZ=	13892.	4451.4	64.397	0.	SIG1, SIG2, SIG3=	13893.	4451.0	-3.6968E-07
	S.I.=	13893.	SIGE=	12288.					
MID	SX, SY, SKY, SZ=	14658.	6236.0	107.33	-500.00	SIG1, SIG2, SIG3=	14660.	6234.6	-500.00
	S.I.=	15160.	SIGE=	13156.					
BOT	SX, SY, SKY, SZ=	15424.	8020.6	150.26	-1000.0	SIG1, SIG2, SIG3=	15427.	8017.5	-1000.0
	S.I.=	16427.	SIGE=	14249.					
EL= 995 NODES= 524 525 585 584 MAT= 1 AREA= 4.69 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -15.26 -1.976 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -376.51 -445.05 2.1292									
TOP	SX, SY, SKY, SZ=	12909.	4950.0	47.109	0.	SIG1, SIG2, SIG3=	12910.	4949.8	-3.1164E-07
	S.I.=	12910.	SIGE=	11281.					
MID	SX, SY, SKY, SZ=	14864.	7260.7	36.054	-500.00	SIG1, SIG2, SIG3=	14865.	7260.6	-500.00
	S.I.=	15365.	SIGE=	13306.					
BOT	SX, SY, SKY, SZ=	16819.	9571.4	25.000	-1000.0	SIG1, SIG2, SIG3=	16819.	9571.3	-1000.0
	S.I.=	17819.	SIGE=	15521.					
EL= 996 NODES= 493 494 554 553 MAT= 1 AREA= 1.37 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 9.184 -13.79 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -162.34 -351.21 -12.236									
TOP	SX, SY, SKY, SZ=	13826.	4400.4	51.298	0.	SIG1, SIG2, SIG3=	13826.	4400.1	-3.6938E-07
	S.I.=	13826.	SIGE=	12235.					
MID	SX, SY, SKY, SZ=	14669.	6223.9	114.83	-500.00	SIG1, SIG2, SIG3=	14670.	6222.3	-500.00
	S.I.=	15170.	SIGE=	13166.					
BOT	SX, SY, SKY, SZ=	15512.	8047.4	178.35	-1000.0	SIG1, SIG2, SIG3=	15516.	8043.1	-1000.0
	S.I.=	16516.	SIGE=	14325.					
EL= 997 NODES= 523 524 584 583 MAT= 1 AREA= 5.17 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -16.30 1.469 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -360.78 -452.95 -4.3351									
TOP	SX, SY, SKY, SZ=	12987.	4985.6	-7.6763	0.	SIG1, SIG2, SIG3=	12987.	4985.6	-3.1306E-07
	S.I.=	12987.	SIGE=	11348.					
MID	SX, SY, SKY, SZ=	14860.	7337.3	14.831	-500.00	SIG1, SIG2, SIG3=	14860.	7337.3	-500.00
	S.I.=	15360.	SIGE=	13303.					
BOT	SX, SY, SKY, SZ=	16733.	9689.0	37.339	-1000.0	SIG1, SIG2, SIG3=	16734.	9688.8	-1000.0
	S.I.=	17734.	SIGE=	15485.					
EL= 998 NODES= 494 495 555 554 MAT= 1 AREA= 1.37 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 9.971 -13.23 4.288 PRESS= 1000.0 0.									
MX, MY, MXY= -191.39 -362.11 -15.985									
TOP	SX, SY, SKY, SZ=	13691.	4346.8	36.695	0.	SIG1, SIG2, SIG3=	13691.	4346.7	-3.6601E-07
	S.I.=	13691.	SIGE=	12117.					
MID	SX, SY, SKY, SZ=	14685.	6226.9	119.69	-500.00	SIG1, SIG2, SIG3=	14686.	6225.2	-500.00
	S.I.=	15186.	SIGE=	13180.					

EL= 922	NODES= 522 523 583 582	MAT= 1	AREA= 5.71	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.50 5.181 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-276.93 -442.09 -13.367				
TOP SX, SY, SKY, SZ=	13419. 5087.4 -126.67 0.	SIG1, SIG2, SIG3=	13421. 5087.5 -.32609E-07		
S.I.=	13421. SIGE= 11736.				
MID SX, SY, SKY, SZ=	14857. 7384.8 -57.266 -500.00	SIG1, SIG2, SIG3=	14857. 7384.3 -500.00		
S.I.=	14857. SIGE= 13301.				
BOT SX, SY, SKY, SZ=	16295. 9680.1 12.134 -1000.0	SIG1, SIG2, SIG3=	16295. 9680.1 -1000.0		
S.I.=	16295. SIGE= 15115.				
EL= 1033	NODES= 495 496 556 555	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	10.72 -12.63 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-234.09 -376.21 -19.582				
TOP SX, SY, SKY, SZ=	13489. 4292.4 19.282 0.	SIG1, SIG2, SIG3=	13490. 4292.3 -.35991E-07		
S.I.=	13490. SIGE= 11937.				
MID SX, SY, SKY, SZ=	14705. 6243.9 120.95 -500.00	SIG1, SIG2, SIG3=	14707. 6243.9 -500.00		
S.I.=	15207. SIGE= 13197.				
BOT SX, SY, SKY, SZ=	15920. 8198.9 222.62 -1000.0	SIG1, SIG2, SIG3=	15927. 8192.5 -1000.0		
S.I.=	16927. SIGE= 14677.				
EL= 1001	NODES= 521 522 582 581	MAT= 1	AREA= 6.30	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-13.65 8.935 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-124.86 -414.74 -17.773				
TOP SX, SY, SKY, SZ=	14234. 5135.1 -228.99 0.	SIG1, SIG2, SIG3=	14240. 5129.4 -.35600E-07		
S.I.=	14240. SIGE= 12491.				
MID SX, SY, SKY, SZ=	14882. 7286.5 -136.71 -500.00	SIG1, SIG2, SIG3=	14885. 7286.0 -500.00		
S.I.=	15385. SIGE= 13324.				
BOT SX, SY, SKY, SZ=	15530. 9441.8 -44.431 -1000.0	SIG1, SIG2, SIG3=	15531. 9441.4 -1000.0		
S.I.=	16531. SIGE= 14480.				
EL= 1002	NODES= 496 497 557 556	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	11.44 -11.98 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-289.61 -393.24 -23.057				
TOP SX, SY, SKY, SZ=	13225. 4239.1 -1.8187 0.	SIG1, SIG2, SIG3=	13225. 4239.1 -.35122E-07		
S.I.=	13225. SIGE= 11697.				
MID SX, SY, SKY, SZ=	14729. 6279.2 117.89 -500.00	SIG1, SIG2, SIG3=	14731. 6279.2 -500.00		
S.I.=	15231. SIGE= 13217.				
BOT SX, SY, SKY, SZ=	16233. 8315.4 237.61 -1000.0	SIG1, SIG2, SIG3=	16240. 8315.4 -1000.0		
S.I.=	17240. SIGE= 14946.				
EL= 1003	NODES= 520 521 581 580	MAT= 1	AREA= 6.95	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-10.58 12.37 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	107.34 -368.37 -16.908				
TOP SX, SY, SKY, SZ=	15493. 5113.9 -208.96 0.	SIG1, SIG2, SIG3=	15497. 5113.9 -.40566E-07		
S.I.=	15497. SIGE= 13677.				
MID SX, SY, SKY, SZ=	14936. 7028.9 -121.17 -500.00	SIG1, SIG2, SIG3=	14938. 7028.9 -500.00		
S.I.=	15438. SIGE= 13371.				
BOT SX, SY, SKY, SZ=	14379. 8943.1 -33.380 -1000.0	SIG1, SIG2, SIG3=	14379. 8943.1 -1000.0		
S.I.=	15379. SIGE= 13508.				
EL= 1004	NODES= 497 498 558 557	MAT= 1	AREA= 1.37	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	12.12 -11.30 4.288	PRESS=	1000.0 0.		
MX, MY, MXY=	-356.84 -412.92 -26.367				
TOP SX, SY, SKY, SZ=	12903. 4189.3 -26.849 0.	SIG1, SIG2, SIG3=	12904. 4189.3 -.34198E-07		
S.I.=	12904. SIGE= 11402.				
MID SX, SY, SKY, SZ=	14758. 6331.8 110.05 -500.00	SIG1, SIG2, SIG3=	14758. 6331.8 -500.00		
S.I.=	15258. SIGE= 13238.				
BOT SX, SY, SKY, SZ=	16609. 8469.6 246.94 -1000.0	SIG1, SIG2, SIG3=	16616. 8469.6 -1000.0		
S.I.=	17616. SIGE= 15271.				
EL= 1005	NODES= 519 520 580 579	MAT= 1	AREA= 6.95	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63





MID	SX,SY,SXY,SZ=	14836.	6597.2	55.732	-500.00	SIG1,SIG2,SIG3=	14836.	6596.8	-500.00
	S.I.=	15536.	SIGE=	13294.					
BOT	SX,SY,SXY,SZ=	18032.	9121.9	226.63	-1000.0	SIG1,SIG2,SIG3=	18038.	9116.2	-1000.0
	S.I.=	19038.	SIGE=	16498.					
EL= 1012 NODES= 501 502 562 561 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	14.40	-8.193	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-717.16	-517.34	-31.960					
TOP	SX,SY,SXY,SZ=	11129.	4029.0	-140.75	0.	SIG1,SIG2,SIG3=	11132.	4026.2	-.27796E-07
	S.I.=	11132.	SIGE=	9762.8					
MID	SX,SY,SXY,SZ=	14853.	6715.1	25.192	-500.00	SIG1,SIG2,SIG3=	14853.	6715.0	-500.00
	S.I.=	15553.	SIGE=	13304.					
BOT	SX,SY,SXY,SZ=	18576.	9401.1	191.13	-1000.0	SIG1,SIG2,SIG3=	18580.	9397.1	-1000.0
	S.I.=	19580.	SIGE=	16968.					
EL= 1013 NODES= 502 503 563 562 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	14.85	-7.341	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-825.22	-553.05	-28.274					
TOP	SX,SY,SXY,SZ=	10528.	3958.4	-163.12	0.	SIG1,SIG2,SIG3=	10582.	3954.4	-.25912E-07
	S.I.=	10582.	SIGE=	9261.5					
MID	SX,SY,SXY,SZ=	14863.	6829.8	-16.326	-500.00	SIG1,SIG2,SIG3=	14863.	6829.8	-500.00
	S.I.=	15363.	SIGE=	13309.					
BOT	SX,SY,SXY,SZ=	19147.	9701.3	130.47	-1000.0	SIG1,SIG2,SIG3=	19149.	9699.5	-1000.0
	S.I.=	20149.	SIGE=	17461.					
EL= 1014 NODES= 503 504 564 563 MAT= 1 AREA= 1.37 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.25	-6.464	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-935.43	-587.27	-24.512					
TOP	SX,SY,SXY,SZ=	10019.	3850.8	-194.02	0.	SIG1,SIG2,SIG3=	10025.	3844.7	-.24168E-07
	S.I.=	10025.	SIGE=	8760.0					
MID	SX,SY,SXY,SZ=	14876.	6899.9	-66.751	-500.00	SIG1,SIG2,SIG3=	14876.	6899.3	-500.00
	S.I.=	15376.	SIGE=	13319.					
BOT	SX,SY,SXY,SZ=	19732.	9949.0	60.517	-1000.0	SIG1,SIG2,SIG3=	19733.	9948.6	-1000.0
	S.I.=	20733.	SIGE=	17964.					
EL= 1015 NODES= 504 505 565 564 MAT= 1 AREA= 1.36 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.55	-5.554	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	-146.41	-320.39	-40.575					
TOP	SX,SY,SXY,SZ=	14029.	5372.2	-299.55	0.	SIG1,SIG2,SIG3=	14040.	5361.8	-.33992E-07
	S.I.=	14040.	SIGE=	12271.					
MID	SX,SY,SXY,SZ=	14789.	7035.6	-88.887	-500.00	SIG1,SIG2,SIG3=	14790.	7034.6	-500.00
	S.I.=	15290.	SIGE=	13242.					
BOT	SX,SY,SXY,SZ=	15550.	8699.1	121.78	-1000.0	SIG1,SIG2,SIG3=	15552.	8696.9	-1000.0
	S.I.=	16552.	SIGE=	14404.					
EL= 1016 NODES= 505 506 566 565 MAT= 1 AREA= 1.74 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	15.82	-4.498	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	669.81	-72.619	-16.946					
TOP	SX,SY,SXY,SZ=	18351.	6862.6	-191.78	0.	SIG1,SIG2,SIG3=	18354.	6859.4	-.45017E-07
	S.I.=	18354.	SIGE=	16063.					
MID	SX,SY,SXY,SZ=	14873.	7239.7	-103.80	-500.00	SIG1,SIG2,SIG3=	14874.	7238.3	-500.00
	S.I.=	15374.	SIGE=	13315.					
BOT	SX,SY,SXY,SZ=	11395.	7616.7	-15.817	-1000.0	SIG1,SIG2,SIG3=	11395.	7616.6	-1000.0
	S.I.=	12395.	SIGE=	11004.					
EL= 1017 NODES= 506 507 567 566 MAT= 1 AREA= 1.93 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	16.13	-3.246	4.288	PRESS=	1000.0	0.		
	MX,MY,MXY=	543.32	-113.98	-10.879					
TOP	SX,SY,SXY,SZ=	17708.	6759.1	-156.22	0.	SIG1,SIG2,SIG3=	17710.	6756.8	-.42811E-07
	S.I.=	17710.	SIGE=	15480.					
MID	SX,SY,SXY,SZ=	14887.	7350.9	-99.736	-500.00	SIG1,SIG2,SIG3=	14888.	7349.5	-500.00
	S.I.=	15388.	SIGE=	13328.					
BOT	SX,SY,SXY,SZ=	12066.	7942.6	-43.252	-1000.0	SIG1,SIG2,SIG3=	12067.	7942.2	-1000.0
	S.I.=	13067.	SIGE=	11569.					

EL= 1018	NODES= 507 508 568 567	MAT= 1	AREA= 2.13	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34	-1.840 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= 410.89	-161.61 -2.8567				
TOP SX, SY, SKY, SZ= 17036.	6674.3	-125.92	0.	SIG1, SIG2, SIG3= 17036.	6672.7 -1.40516E-07
S.I.= 17036.	SIGE= 14868.				
MID SX, SY, SKY, SZ= 14901.	7513.3	-111.08	-500.00	SIG1, SIG2, SIG3= 14902.	7511.7 -500.00
S.I.= 15402.	SIGE= 13343.				
BOT SX, SY, SKY, SZ= 12767.	8352.4	-96.251	-1000.0	SIG1, SIG2, SIG3= 12770.	8350.3 -1000.0
S.I.= 13270.	SIGE= 12177.				
EL= 1019	NODES= 508 509 569 568	MAT= 1	AREA= 2.35	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-2740 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= 279.21	-208.06 8.1633				
TOP SX, SY, SKY, SZ= 16377.	6589.2	-94.215	0.	SIG1, SIG2, SIG3= 16378.	6588.3 -1.38372E-07
S.I.= 16378.	SIGE= 14274.				
MID SX, SY, SKY, SZ= 14928.	7669.5	-136.60	-500.00	SIG1, SIG2, SIG3= 14930.	7666.9 -500.00
S.I.= 15430.	SIGE= 13371.				
BOT SX, SY, SKY, SZ= 13478.	8749.7	-178.98	-1000.0	SIG1, SIG2, SIG3= 13485.	8742.9 -1000.0
S.I.= 14485.	SIGE= 12791.				
EL= 1020	NODES= 509 510 570 569	MAT= 1	AREA= 2.59	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= 152.71	-254.03 20.404				
TOP SX, SY, SKY, SZ= 15753.	6471.9	-55.835	0.	SIG1, SIG2, SIG3= 15753.	6471.6 -1.36322E-07
S.I.= 15753.	SIGE= 13715.				
MID SX, SY, SKY, SZ= 14960.	7790.8	-161.77	-500.00	SIG1, SIG2, SIG3= 14964.	7787.2 -500.00
S.I.= 15464.	SIGE= 13403.				
BOT SX, SY, SKY, SZ= 14167.	9109.8	-267.71	-1000.0	SIG1, SIG2, SIG3= 14181.	9095.6 -1000.0
S.I.= 15181.	SIGE= 13384.				
EL= 1021	NODES= 510 511 571 570	MAT= 1	AREA= 2.86	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.347 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= 38.202	-300.23 31.787				
TOP SX, SY, SKY, SZ= 15188.	6307.6	-13.939	0.	SIG1, SIG2, SIG3= 15188.	6307.5 -1.34748E-07
S.I.= 15188.	SIGE= 13216.				
MID SX, SY, SKY, SZ= 14989.	7866.4	-178.98	-500.00	SIG1, SIG2, SIG3= 14994.	7861.9 -500.00
S.I.= 15494.	SIGE= 13432.				
BOT SX, SY, SKY, SZ= 14791.	9425.2	-344.01	-1000.0	SIG1, SIG2, SIG3= 14813.	9403.2 -1000.0
S.I.= 15813.	SIGE= 13920.				
EL= 1022	NODES= 511 512 572 571	MAT= 1	AREA= 3.16	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.379 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= -56.713	-345.53 40.531				
TOP SX, SY, SKY, SZ= 14715.	6090.4	30.491	0.	SIG1, SIG2, SIG3= 14715.	6090.3 -1.33797E-07
S.I.= 14715.	SIGE= 12806.				
MID SX, SY, SKY, SZ= 15009.	7884.4	-179.94	-500.00	SIG1, SIG2, SIG3= 15011.	7879.9 -500.00
S.I.= 15514.	SIGE= 13450.				
BOT SX, SY, SKY, SZ= 15303.	9678.4	-390.38	-1000.0	SIG1, SIG2, SIG3= 15330.	9651.4 -1000.0
S.I.= 16330.	SIGE= 14359.				
EL= 1023	NODES= 512 513 573 572	MAT= 1	AREA= 3.49	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.80	7.516 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= -126.80	-387.99 44.696				
TOP SX, SY, SKY, SZ= 14360.	5819.1	76.127	0.	SIG1, SIG2, SIG3= 14360.	5818.4 -1.33466E-07
S.I.= 14360.	SIGE= 12511.				
MID SX, SY, SKY, SZ= 15018.	7833.6	-155.93	-500.00	SIG1, SIG2, SIG3= 15021.	7830.2 -500.00
S.I.= 15521.	SIGE= 13454.				
BOT SX, SY, SKY, SZ= 15676.	9848.1	-388.00	-1000.0	SIG1, SIG2, SIG3= 15702.	9822.3 -1000.0
S.I.= 16702.	SIGE= 14674.				
EL= 1024	NODES= 513 514 574 573	MAT= 1	AREA= 3.85	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24	9.695 4.288	PRESS= 1000.0	0.		
MX, MY, MXY= -172.00	-425.91 42.318				

TOP	SX,SY,SKY,SZ=	14126.	5496.8	118.49	0.	SIG1,SIG2,SIG3=	14127.	5495.2	-.33724E-07
	S.I.=	14127.	SIGE=	12335.					
MID	SX,SY,SKY,SZ=	15019.	7708.1	-101.22	-500.00	SIG1,SIG2,SIG3=	15020.	7706.7	-500.00
	S.I.=	15520.	SIGE=	13448.					
BOT	SX,SY,SKY,SZ=	15912.	9919.4	-320.94	-1000.0	SIG1,SIG2,SIG3=	15929.	9902.3	-1000.0
	S.I.=	16929.	SIGE=	14863.					
EL= 1025 NODES= 514 515 575 574 MAT= 1 AREA= 4.25 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.36 11.82 4.288 PRESS= 1000.0 0.									
MX,MY,MXY= -198.93 -458.22 32.391									
TOP	SX,SY,SKY,SZ=	13983.	5136.7	150.05	0.	SIG1,SIG2,SIG3=	13986.	5134.2	-.34601E-07
	S.I.=	13986.	SIGE=	12254.					
MID	SX,SY,SKY,SZ=	15016.	7515.8	-18.123	-500.00	SIG1,SIG2,SIG3=	15016.	7515.8	-500.00
	S.I.=	15516.	SIGE=	13440.					
BOT	SX,SY,SKY,SZ=	16049.	9894.9	-186.30	-1000.0	SIG1,SIG2,SIG3=	16055.	9889.3	-1000.0
	S.I.=	17055.	SIGE=	14957.					
EL= 1026 NODES= 515 516 576 575 MAT= 1 AREA= 4.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.905 13.75 4.288 PRESS= 1000.0 0.									
MX,MY,MXY= -218.60 -484.46 16.298									
TOP	SX,SY,SKY,SZ=	13881.	4768.7	164.49	0.	SIG1,SIG2,SIG3=	13884.	4765.8	-.35580E-07
	S.I.=	13884.	SIGE=	12219.					
MID	SX,SY,SKY,SZ=	15016.	7284.1	79.873	-500.00	SIG1,SIG2,SIG3=	15017.	7283.2	-500.00
	S.I.=	15517.	SIGE=	13438.					
BOT	SX,SY,SKY,SZ=	16151.	9799.4	-4.7445	-1000.0	SIG1,SIG2,SIG3=	16151.	9799.4	-1000.0
	S.I.=	17151.	SIGE=	15018.					
EL= 1027 NODES= 541 542 602 601 MAT= 1 AREA= 3.66 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -1.825 -16.41 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= 218.25 288.14 19.363									
TOP	SX,SY,SKY,SZ=	16366.	8670.6	242.85	0.	SIG1,SIG2,SIG3=	16374.	8663.0	-.30177E-07
	S.I.=	16374.	SIGE=	14188.					
MID	SX,SY,SKY,SZ=	15233.	7174.6	142.31	-500.00	SIG1,SIG2,SIG3=	15236.	7172.1	-500.00
	S.I.=	15736.	SIGE=	13629.					
BOT	SX,SY,SKY,SZ=	14100.	5678.6	41.779	-1000.0	SIG1,SIG2,SIG3=	14100.	5678.4	-1000.0
	S.I.=	15100.	SIGE=	13106.					
EL= 1028 NODES= 542 543 603 602 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -8.762 -16.54 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -564.17 54.268 22.080									
TOP	SX,SY,SKY,SZ=	12451.	7466.9	219.37	0.	SIG1,SIG2,SIG3=	12460.	7457.2	-.19595E-07
	S.I.=	12460.	SIGE=	10860.					
MID	SX,SY,SKY,SZ=	15380.	7185.1	104.74	-500.00	SIG1,SIG2,SIG3=	15381.	7183.8	-500.00
	S.I.=	15881.	SIGE=	13756.					
BOT	SX,SY,SKY,SZ=	18309.	6903.3	-9.9014	-1000.0	SIG1,SIG2,SIG3=	18309.	6903.3	-1000.0
	S.I.=	19309.	SIGE=	16813.					
EL= 1029 NODES= 594 541 601 654 MAT= 1 AREA= 4.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.894 -16.19 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= 1036.3 544.88 21.158									
TOP	SX,SY,SKY,SZ=	20640.	10057.	187.72	0.	SIG1,SIG2,SIG3=	20644.	10054.	-.41395E-07
	S.I.=	20644.	SIGE=	17880.					
MID	SX,SY,SKY,SZ=	15260.	7228.3	77.872	-500.00	SIG1,SIG2,SIG3=	15261.	7227.5	-500.00
	S.I.=	15761.	SIGE=	13650.					
BOT	SX,SY,SKY,SZ=	9879.8	4399.2	-31.981	-1000.0	SIG1,SIG2,SIG3=	9880.0	4399.1	-1000.0
	S.I.=	10880.	SIGE=	9522.5					
EL= 1030 NODES= 543 544 604 603 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= .8805E-01 -16.57 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -460.88 79.143 18.783									
TOP	SX,SY,SKY,SZ=	12988.	7429.2	180.69	0.	SIG1,SIG2,SIG3=	12994.	7423.3	-.21826E-07
	S.I.=	12994.	SIGE=	11291.					
MID	SX,SY,SKY,SZ=	15381.	7018.2	83.168	-500.00	SIG1,SIG2,SIG3=	15382.	7017.4	-500.00
	S.I.=	15882.	SIGE=	13761.					



ELEM 1031 NODES= 593 594 654 653 MAT= 1 AREA= 5.17 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -4.152 -15.92 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= 909.33 511.76 16.439									
TOP SX, SY, SKY, SZ= 19984. 10076. 107.03 0. SIG1, SIG2, SIG3= 19985. 10075. -.38834E-07									
S.I.= 19985. SIGE= 17308.									
MID SX, SY, SKY, SZ= 15263. 7419.0 21.677 -500.00 SIG1, SIG2, SIG3= 15263. 7418.9 -500.00									
S.I.= 15263. SIGE= 13651.									
BOT SX, SY, SKY, SZ= 10542. 4761.9 -63.673 -1000.0 SIG1, SIG2, SIG3= 10542. 4761.2 -1000.0									
S.I.= 10542. SIGE= 9995.9									
ELEM 1032 NODES= 544 545 605 604 MAT= 1 AREA= 2.69 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 1.052 -16.53 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= -371.70 96.707 14.625									
TOP SX, SY, SKY, SZ= 13440. 7363.6 162.56 0. SIG1, SIG2, SIG3= 13444. 7359.3 -.23826E-07									
S.I.= 13444. SIGE= 11661.									
MID SX, SY, SKY, SZ= 15370. 6861.5 86.626 -500.00 SIG1, SIG2, SIG3= 15371. 6860.6 -500.00									
S.I.= 15871. SIGE= 13756.									
BOT SX, SY, SKY, SZ= 17300. 6359.4 10.694 -1000.0 SIG1, SIG2, SIG3= 17300. 6359.4 -1000.0									
S.I.= 18300. SIGE= 15849.									
ELEM 1033 NODES= 592 593 653 652 MAT= 1 AREA= 5.71 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -5.510 -15.50 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= 773.39 476.47 10.863									
TOP SX, SY, SKY, SZ= 19302. 10046. 57.790 0. SIG1, SIG2, SIG3= 19302. 10045. -.36276E-07									
S.I.= 19302. SIGE= 16721.									
MID SX, SY, SKY, SZ= 15287. 7571.7 1.3891 -500.00 SIG1, SIG2, SIG3= 15287. 7571.7 -500.00									
S.I.= 15787. SIGE= 13673.									
BOT SX, SY, SKY, SZ= 11271. 5097.9 -55.012 -1000.0 SIG1, SIG2, SIG3= 11272. 5097.4 -1000.0									
S.I.= 12272. SIGE= 10628.									
ELEM 1034 NODES= 545 546 606 605 MAT= 1 AREA= 3.69 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 2.012 -16.44 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= -290.76 111.48 10.175									
TOP SX, SY, SKY, SZ= 13843. 7305.8 146.57 0. SIG1, SIG2, SIG3= 13847. 7302.6 -.25574E-07									
S.I.= 13847. SIGE= 11997.									
MID SX, SY, SKY, SZ= 15353. 6727.0 93.741 -500.00 SIG1, SIG2, SIG3= 15354. 6726.0 -500.00									
S.I.= 15854. SIGE= 13748.									
BOT SX, SY, SKY, SZ= 16863. 6148.2 40.915 -1000.0 SIG1, SIG2, SIG3= 16863. 6148.0 -1000.0									
S.I.= 17863. SIGE= 15572.									
ELEM 1035 NODES= 591 592 652 651 MAT= 1 AREA= 6.31 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= -6.961 -14.90 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= 624.91 432.81 5.4270									
TOP SX, SY, SKY, SZ= 18561. 9902.2 5.9998 0. SIG1, SIG2, SIG3= 18561. 9902.2 -.33894E-07									
S.I.= 18561. SIGE= 16086.									
MID SX, SY, SKY, SZ= 15316. 7655.1 -22.177 -500.00 SIG1, SIG2, SIG3= 15316. 7655.0 -500.00									
S.I.= 15816. SIGE= 13700.									
BOT SX, SY, SKY, SZ= 12072. 5407.9 -50.354 -1000.0 SIG1, SIG2, SIG3= 12072. 5407.5 -1000.0									
S.I.= 13072. SIGE= 11322.									
ELEM 1036 NODES= 546 547 607 606 MAT= 1 AREA= 3.69 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									
XC, YC, ZC= 2.966 -16.30 6.912 PRESS= 1000.0 0.									
MX, MY, MXY= -217.30 124.49 5.7799									
TOP SX, SY, SKY, SZ= 14206. 7257.1 128.83 0. SIG1, SIG2, SIG3= 14208. 7254.7 -.27203E-07									
S.I.= 14208. SIGE= 12306.									
MID SX, SY, SKY, SZ= 15334. 6810.7 98.820 -500.00 SIG1, SIG2, SIG3= 15335. 6809.6 -500.00									
S.I.= 15835. SIGE= 13738.									
BOT SX, SY, SKY, SZ= 16462. 5964.4 68.811 -1000.0 SIG1, SIG2, SIG3= 16463. 5963.9 -1000.0									
S.I.= 17463. SIGE= 15226.									
ELEM 1037 NODES= 590 591 651 650 MAT= 1 AREA= 6.96 TTOP, TBOT= 0.0 0.0 QUAD SHELL 63									

XC, YC, ZC = -6.487 -14.08 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = 457.23 380.10 1.0672					
TOP SX, SY, SKY, SZ = 17772. 9653.6 -40.765 0.	SIG1, SIG2, SIG3 = 17772. 9653.4 -.31696E-07				
S.I. = 17772. SIGE = 15410.					
MID SX, SY, SKY, SZ = 15346. 7680.1 -46.306 -500.00	SIG1, SIG2, SIG3 = 15346. 7679.8 -500.00				
S.I. = 15846. SIGE = 13726.					
BOT SX, SY, SKY, SZ = 12920. 5706.6 -51.847 -1000.0	SIG1, SIG2, SIG3 = 12921. 5706.3 -1000.0				
S.I. = 13921. SIGE = 12058.					
EL = 1038 NODES = 547 548 608 607	MAT = 1 AREA = 3.69	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = 3.909 -16.10 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = -152.53 135.59 1.5983					
TOP SX, SY, SKY, SZ = 14526. 7214.2 109.84 0.	SIG1, SIG2, SIG3 = 14526. 7212.6 -.28586E-07				
S.I. = 14526. SIGE = 12580.					
MID SX, SY, SKY, SZ = 15316. 6510.3 101.55 -500.00	SIG1, SIG2, SIG3 = 15317. 6509.1 -500.00				
S.I. = 15817. SIGE = 13728.					
BOT SX, SY, SKY, SZ = 16108. 5806.3 93.247 -1000.0	SIG1, SIG2, SIG3 = 16109. 5805.4 -1000.0				
S.I. = 17109. SIGE = 14919.					
EL = 1039 NODES = 589 590 650 649	MAT = 1 AREA = 7.69	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = -10.06 -12.99 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = 307.08 320.33 -1.5255					
TOP SX, SY, SKY, SZ = 16967. 9309.9 -70.714 0.	SIG1, SIG2, SIG3 = 16968. 9309.2 -.30019E-07				
S.I. = 16968. SIGE = 14718.					
MID SX, SY, SKY, SZ = 15373. 7646.7 -62.223 -500.00	SIG1, SIG2, SIG3 = 15373. 7646.2 -500.00				
S.I. = 15873. SIGE = 13748.					
BOT SX, SY, SKY, SZ = 13778. 5983.2 -54.873 -1000.0	SIG1, SIG2, SIG3 = 13779. 5983.2 -1000.0				
S.I. = 14779. SIGE = 12805.					
EL = 1040 NODES = 548 549 609 608	MAT = 1 AREA = 3.69	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = 4.840 -15.84 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = -98.076 144.49 -2.2540					
TOP SX, SY, SKY, SZ = 14790. 7174.9 90.989 0.	SIG1, SIG2, SIG3 = 14791. 7173.8 -.29793E-07				
S.I. = 14791. SIGE = 12812.					
MID SX, SY, SKY, SZ = 15300. 6424.7 102.69 -500.00	SIG1, SIG2, SIG3 = 15301. 6423.6 -500.00				
S.I. = 15801. SIGE = 13719.					
BOT SX, SY, SKY, SZ = 15409. 5674.6 114.39 -1000.0	SIG1, SIG2, SIG3 = 15810. 5673.3 -1000.0				
S.I. = 16810. SIGE = 14661.					
EL = 1041 NODES = 588 589 649 648	MAT = 1 AREA = 8.49	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = -11.64 -11.59 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = 152.70 256.98 -1.7579					
TOP SX, SY, SKY, SZ = 16186. 8897.0 -74.052 0.	SIG1, SIG2, SIG3 = 16186. 8896.3 -.28521E-07				
S.I. = 16186. SIGE = 14041.					
MID SX, SY, SKY, SZ = 15393. 7562.8 -64.925 -500.00	SIG1, SIG2, SIG3 = 15393. 7562.3 -500.00				
S.I. = 15893. SIGE = 13764.					
BOT SX, SY, SKY, SZ = 14600. 6228.2 -55.798 -1000.0	SIG1, SIG2, SIG3 = 14600. 6228.2 -1000.0				
S.I. = 15600. SIGE = 13522.					
EL = 1042 NODES = 549 550 610 609	MAT = 1 AREA = 3.69	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = 5.753 -15.53 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = -55.445 150.88 -5.7141					
TOP SX, SY, SKY, SZ = 14998. 7137.6 73.218 0.	SIG1, SIG2, SIG3 = 14999. 7136.9 -.30745E-07				
S.I. = 14999. SIGE = 12994.					
MID SX, SY, SKY, SZ = 15286. 6354.2 102.89 -500.00	SIG1, SIG2, SIG3 = 15287. 6353.1 -500.00				
S.I. = 15787. SIGE = 13712.					
BOT SX, SY, SKY, SZ = 15574. 5570.9 132.55 -1000.0	SIG1, SIG2, SIG3 = 15576. 5569.1 -1000.0				
S.I. = 16576. SIGE = 14457.					
EL = 1043 NODES = 587 588 648 647	MAT = 1 AREA = 9.37	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63
XC, YC, ZC = -13.15 -9.824 6.912	PRESS = 1000.0 0.				
MX, MY, MXY = 13.159 194.73 -3.9472					
TOP SX, SY, SKY, SZ = 15471. 8459.6 -48.451 0.	SIG1, SIG2, SIG3 = 15471. 8459.2 -.27536E-07				
S.I. = 15471. SIGE = 13418.					



EL= 1050	NODES= 513 554 614 613	MAT= 1	AREA= 3.59	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.184	-13.79 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -23.800	144.69 -15.808				
TOP SK,SY,SKY,SZ=	15158. 6990.9	12.255	0.	SIG1,SIG2,SIG3= 15158. 6990.8 -.31987E-07	
S.I.=	15158. SIGE= 13140.				
MID SK,SY,SKY,SZ=	15273. 6229.3	24.330	-500.00	SIG1,SIG2,SIG3= 15274. 6228.3 -500.00	
S.I.=	15274. SIGE= 13710.				
BOT SK,SY,SKY,SZ=	15389. 5467.7	176.41	-1000.0	SIG1,SIG2,SIG3= 15392. 5464.6 -1000.0	
S.I.=	15392. SIGE= 14301.				
EL= 1051	NODES= 583 584 644 643	MAT= 1	AREA= 13.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.30	1.449 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -108.46	59.755 -1.6968				
TOP SK,SY,SKY,SZ=	14252. 7615.5	-15.734	0.	SIG1,SIG2,SIG3= 14252. 7615.5 -.25874E-07	
S.I.=	14252. SIGE= 12352.				
MID SK,SY,SKY,SZ=	15284. 7305.3	-6.9245	-500.00	SIG1,SIG2,SIG3= 15284. 7305.3 -500.00	
S.I.=	15284. SIGE= 13669.				
BOT SK,SY,SKY,SZ=	16315. 6995.0	1.8851	-1000.0	SIG1,SIG2,SIG3= 16315. 6995.0 -1000.0	
S.I.=	16315. SIGE= 15010.				
EL= 1052	NODES= 554 555 615 614	MAT= 1	AREA= 3.69	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.971	-13.23 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -49.988	137.73 -17.573				
TOP SK,SY,SKY,SZ=	15022. 6954.0	-3.0708	0.	SIG1,SIG2,SIG3= 15022. 6954.0 -.31621E-07	
S.I.=	15022. SIGE= 13022.				
MID SK,SY,SKY,SZ=	15282. 6239.0	88.170	-500.00	SIG1,SIG2,SIG3= 15283. 6239.1 -500.00	
S.I.=	15283. SIGE= 13717.				
BOT SK,SY,SKY,SZ=	15541. 5523.9	179.41	-1000.0	SIG1,SIG2,SIG3= 15544. 5520.7 -1000.0	
S.I.=	16544. SIGE= 14435.				
EL= 1053	NODES= 582 583 643 642	MAT= 1	AREA= 15.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -15.50	5.181 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -118.79	64.743 -8.7314				
TOP SK,SY,SKY,SZ=	14617. 7674.0	-110.41	0.	SIG1,SIG2,SIG3= 14618. 7672.3 -.27262E-07	
S.I.=	14618. SIGE= 12665.				
MID SK,SY,SKY,SZ=	15233. 7337.9	-65.077	-500.00	SIG1,SIG2,SIG3= 15234. 7337.4 -500.00	
S.I.=	15234. SIGE= 13626.				
BOT SK,SY,SKY,SZ=	15850. 7001.8	-19.743	-1000.0	SIG1,SIG2,SIG3= 15850. 7001.7 -1000.0	
S.I.=	16850. SIGE= 14599.				
EL= 1054	NODES= 555 556 616 615	MAT= 1	AREA= 3.69	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 10.72	-12.63 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -91.465	125.81 -19.128				
TOP SK,SY,SKY,SZ=	14820. 6918.7	-19.631	0.	SIG1,SIG2,SIG3= 14820. 6918.6 -.30906E-07	
S.I.=	14820. SIGE= 12844.				
MID SK,SY,SKY,SZ=	15295. 6265.4	79.684	-500.00	SIG1,SIG2,SIG3= 15295. 6264.7 -500.00	
S.I.=	15295. SIGE= 13726.				
BOT SK,SY,SKY,SZ=	15769. 5612.2	179.00	-1000.0	SIG1,SIG2,SIG3= 15773. 5609.1 -1000.0	
S.I.=	16773. SIGE= 14634.				
EL= 1055	NODES= 581 582 642 641	MAT= 1	AREA= 16.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.85	8.955 5.912	PRESS= 1000.0	0.		
MX,MY,MXY= 24.790	84.836 -11.495				
TOP SK,SY,SKY,SZ=	15333. 7710.6	-177.15	0.	SIG1,SIG2,SIG3= 15337. 7706.5 -.29797E-07	
S.I.=	15337. SIGE= 13283.				
MID SK,SY,SKY,SZ=	15204. 7270.2	-117.47	-500.00	SIG1,SIG2,SIG3= 15206. 7268.4 -500.00	
S.I.=	15206. SIGE= 13602.				
BOT SK,SY,SKY,SZ=	15076. 6829.7	-57.786	-1000.0	SIG1,SIG2,SIG3= 15076. 6829.3 -1000.0	
S.I.=	16076. SIGE= 13924.				
EL= 1056	NODES= 556 557 617 616	MAT= 1	AREA= 3.69	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.44	-11.98 6.912	PRESS= 1000.0	0.		
MX,MY,MXY= -145.82	111.21 -20.527				



TOP	SX,SY,SKY,SZ=	14554.	6886.2	-37.797	0.	SIG1,SIG2,SIG3=	14554.	6886.0	-3.0016E-07
S.I.=	14554.	SIGE=	12611.						
MID	SX,SY,SKY,SZ=	15311.	6308.7	68.780	-500.00	SIG1,SIG2,SIG3=	15312.	6308.2	-500.00
S.I.=	15312.	SIGE=	13237.						
BOT	SX,SY,SKY,SZ=	16068.	5731.3	175.36	-1000.0	SIG1,SIG2,SIG3=	16071.	5728.3	-1000.0
S.I.=	17071.	SIGE=	14894.						
EL= 1057 NODES= 580 581 641 640 MAT= 1 AREA= 18.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -10.58 12.37 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= 261.16 137.90 -10.221									
TOP	SX,SY,SKY,SZ=	16556.	7792.6	-143.54	0.	SIG1,SIG2,SIG3=	16558.	7790.2	-3.4350E-07
S.I.=	16558.	SIGE=	14348.						
MID	SX,SY,SKY,SZ=	15200.	7076.6	-90.470	-500.00	SIG1,SIG2,SIG3=	15201.	7075.6	-500.00
S.I.=	15701.	SIGE=	13600.						
BOT	SX,SY,SKY,SZ=	13844.	6360.6	-37.405	-1000.0	SIG1,SIG2,SIG3=	13844.	6360.4	-1000.0
S.I.=	14844.	SIGE=	12856.						
EL= 1058 NODES= 557 558 618 617 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.32 -11.30 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -211.78 94.305 -21.819									
TOP	SX,SY,SKY,SZ=	14232.	6858.3	-57.617	0.	SIG1,SIG2,SIG3=	14232.	6857.9	-2.8845E-07
S.I.=	14232.	SIGE=	12328.						
MID	SX,SY,SKY,SZ=	15331.	6368.7	55.667	-500.00	SIG1,SIG2,SIG3=	15332.	6368.3	-500.00
S.I.=	15832.	SIGE=	13751.						
BOT	SX,SY,SKY,SZ=	16431.	5879.0	168.95	-1000.0	SIG1,SIG2,SIG3=	16434.	5870.3	-1000.0
S.I.=	17434.	SIGE=	15210.						
EL= 1059 NODES= 579 580 640 639 MAT= 1 AREA= 18.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -4.484 14.93 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= 233.95 118.15 -10.937									
TOP	SX,SY,SKY,SZ=	16443.	7492.5	-20.304	0.	SIG1,SIG2,SIG3=	16443.	7492.4	-3.4991E-07
S.I.=	16443.	SIGE=	14258.						
MID	SX,SY,SKY,SZ=	15228.	6879.1	36.482	-500.00	SIG1,SIG2,SIG3=	15228.	6878.9	-500.00
S.I.=	15728.	SIGE=	13630.						
BOT	SX,SY,SKY,SZ=	14013.	6265.7	93.268	-1000.0	SIG1,SIG2,SIG3=	14014.	6264.5	-1000.0
S.I.=	15014.	SIGE=	13005.						
EL= 1060 NODES= 558 559 619 618 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 12.76 -10.57 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -287.78 75.476 -23.027									
TOP	SX,SY,SKY,SZ=	13860.	6836.8	-78.644	0.	SIG1,SIG2,SIG3=	13861.	6836.0	-2.7525E-07
S.I.=	13861.	SIGE=	12004.						
MID	SX,SY,SKY,SZ=	15354.	6444.0	40.913	-500.00	SIG1,SIG2,SIG3=	15354.	6444.8	-500.00
S.I.=	15854.	SIGE=	13785.						
BOT	SX,SY,SKY,SZ=	16848.	6053.1	160.47	-1000.0	SIG1,SIG2,SIG3=	16851.	6050.7	-1000.0
S.I.=	17851.	SIGE=	15572.						
EL= 1061 NODES= 578 579 639 638 MAT= 1 AREA= 16.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -2.048 16.18 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -6.8536 41.910 -14.395									
TOP	SX,SY,SKY,SZ=	15225.	7023.4	90.029	0.	SIG1,SIG2,SIG3=	15225.	7022.4	-3.2128E-07
S.I.=	15225.	SIGE=	13199.						
MID	SX,SY,SKY,SZ=	15260.	6805.8	164.77	-500.00	SIG1,SIG2,SIG3=	15263.	6802.6	-500.00
S.I.=	15763.	SIGE=	13664.						
BOT	SX,SY,SKY,SZ=	15294.	6588.2	239.50	-1000.0	SIG1,SIG2,SIG3=	15302.	6581.6	-1000.0
S.I.=	16302.	SIGE=	14130.						
EL= 1062 NODES= 559 560 620 619 MAT= 1 AREA= 3.69 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 13.35 -9.810 6.912 PRESS= 1000.0 0.									
MX,MY,MXY= -371.95 55.120 -24.126									
TOP	SX,SY,SKY,SZ=	13447.	6823.6	-99.832	0.	SIG1,SIG2,SIG3=	13449.	6822.1	-2.5942E-07
S.I.=	13449.	SIGE=	11648.						
MID	SX,SY,SKY,SZ=	15379.	6537.4	25.430	-500.00	SIG1,SIG2,SIG3=	15379.	6537.4	-500.00
S.I.=	15879.	SIGE=	13781.						

EL= 1063	NODES= 577 578 638 637	MAT= 1	AREA= 15.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.137	16.20 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -84.881	25.345 -12.722				
TOP SX, SY, SKY, SZ= 14830.	6990.7 140.61 0.	SIG1, SIG2, SIG3= 14832.	6988.1	-3.0714E-07	
S.I.= 14832.	SIGE= 12852.				
MID SX, SY, SKY, SZ= 15270.	6859.1 206.67 -500.00	SIG1, SIG2, SIG3= 15276.	6854.0	-500.00	
S.I.= 15276.	SIGE= 13672.				
BOT SX, SY, SKY, SZ= 15711.	6727.5 272.72 -1000.0	SIG1, SIG2, SIG3= 15719.	6719.2	-1000.0	
S.I.= 16719.	SIGE= 14494.				
EL= 1064	NODES= 560 561 621 620	MAT= 1	AREA= 3.69	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.90	-9.017 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -442.33	33.603 -25.039				
TOP SX, SY, SKY, SZ= 13003.	6821.0 -119.88 0.	SIG1, SIG2, SIG3= 13006.	6818.6	-2.24207E-07	
S.I.= 13006.	SIGE= 11268.				
MID SX, SY, SKY, SZ= 15404.	6646.5 10.129 -500.00	SIG1, SIG2, SIG3= 15404.	6646.5	-500.00	
S.I.= 15404.	SIGE= 13796.				
BOT SX, SY, SKY, SZ= 17804.	6472.0 140.13 -1000.0	SIG1, SIG2, SIG3= 17806.	6470.3	-1000.0	
S.I.= 18806.	SIGE= 16401.				
EL= 1065	NODES= 576 577 637 636	MAT= 1	AREA= 13.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824	15.29 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -90.704	35.879 -2.5379				
TOP SX, SY, SKY, SZ= 14811.	7190.7 155.17 0.	SIG1, SIG2, SIG3= 14814.	7187.5	-2.29835E-07	
S.I.= 14814.	SIGE= 12831.				
MID SX, SY, SKY, SZ= 15282.	7004.4 168.34 -500.00	SIG1, SIG2, SIG3= 15285.	7001.0	-500.00	
S.I.= 15785.	SIGE= 13676.				
BOT SX, SY, SKY, SZ= 15753.	6818.1 181.52 -1000.0	SIG1, SIG2, SIG3= 15757.	6814.4	-1000.0	
S.I.= 16757.	SIGE= 14523.				
EL= 1066	NODES= 575 576 636 635	MAT= 1	AREA= 12.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -74.237	57.908 11.771				
TOP SX, SY, SKY, SZ= 14919.	7511.6 149.63 0.	SIG1, SIG2, SIG3= 14922.	7508.6	-2.28992E-07	
S.I.= 14922.	SIGE= 12923.				
MID SX, SY, SKY, SZ= 15304.	7211.0 88.511 -500.00	SIG1, SIG2, SIG3= 15305.	7210.0	-500.00	
S.I.= 15805.	SIGE= 13689.				
BOT SX, SY, SKY, SZ= 15689.	6910.3 27.396 -1000.0	SIG1, SIG2, SIG3= 15690.	6910.2	-1000.0	
S.I.= 16690.	SIGE= 14460.				
EL= 1067	NODES= 561 562 622 621	MAT= 1	AREA= 3.69	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.40	-8.193 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -557.36	11.121 -25.655				
TOP SX, SY, SKY, SZ= 12534.	6831.9 -138.63 0.	SIG1, SIG2, SIG3= 12537.	6828.6	-2.2309E-07	
S.I.= 12537.	SIGE= 10872.				
MID SX, SY, SKY, SZ= 15427.	6774.2 -5.4263 -500.00	SIG1, SIG2, SIG3= 15427.	6774.2	-500.00	
S.I.= 15927.	SIGE= 13811.				
BOT SX, SY, SKY, SZ= 18321.	6716.4 127.77 -1000.0	SIG1, SIG2, SIG3= 18323.	6715.0	-1000.0	
S.I.= 19323.	SIGE= 16847.				
EL= 1068	NODES= 562 563 623 622	MAT= 1	AREA= 3.69	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.85	-7.341 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= -657.31	-13.287 -25.690				
TOP SX, SY, SKY, SZ= 12034.	6854.8 -160.37 0.	SIG1, SIG2, SIG3= 12039.	6849.8	-2.20265E-07	
S.I.= 12039.	SIGE= 10459.				
MID SX, SY, SKY, SZ= 15447.	6923.8 -26.985 -500.00	SIG1, SIG2, SIG3= 15447.	6923.7	-500.00	
S.I.= 15947.	SIGE= 13821.				
BOT SX, SY, SKY, SZ= 18859.	6992.8 106.40 -1000.0	SIG1, SIG2, SIG3= 13860.	6991.8	-1000.0	
S.I.= 19860.	SIGE= 17308.				
EL= 1069	NODES= 563 564 624 623	MAT= 1	AREA= 3.69	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 1070	NODES= 564 565 625 626	MAT= 1	AREA= 3.66	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 15.55	-5.554 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 17.814	188.22	-18.182			
TOP SK, SY, SKY, SZ= 15409.	8070.6	-244.50	0.	SIG1, SIG2, SIG3= 15417.	8062.3 -28794E-07
S.I.= 15417.	SIGE= 13356.				
MID SK, SY, SKY, SZ= 15316.	7093.4	-152.10	-500.00	SIG1, SIG2, SIG3= 15319.	7090.6 -500.00
S.I.= 15319.	SIGE= 13703.				
BOT SK, SY, SKY, SZ= 15224.	6116.1	-57.697	-1000.0	SIG1, SIG2, SIG3= 15224.	6115.8 -1000.0
S.I.= 16224.	SIGE= 14086.				
EL= 1071	NODES= 565 566 626 625	MAT= 1	AREA= 4.69	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 15.82	-4.498 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 841.26	442.22	-17.709			
TOP SK, SY, SKY, SZ= 19719.	9465.3	-206.59	0.	SIG1, SIG2, SIG3= 19723.	9461.2 -40142E-07
S.I.= 19723.	SIGE= 17086.				
MID SK, SY, SKY, SZ= 15351.	7169.9	-114.65	-500.00	SIG1, SIG2, SIG3= 15353.	7167.7 -500.00
S.I.= 15853.	SIGE= 13731.				
BOT SK, SY, SKY, SZ= 10983.	4873.4	-22.704	-1000.0	SIG1, SIG2, SIG3= 10983.	4873.3 -1000.0
S.I.= 11983.	SIGE= 10379.				
EL= 1072	NODES= 566 567 627 626	MAT= 1	AREA= 5.17	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 16.13	-3.246 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 717.82	406.49	-10.617			
TOP SK, SY, SKY, SZ= 19088.	9489.7	-163.97	0.	SIG1, SIG2, SIG3= 19091.	9486.9 -37638E-07
S.I.= 19091.	SIGE= 16534.				
MID SK, SY, SKY, SZ= 15361.	7379.2	-108.85	-500.00	SIG1, SIG2, SIG3= 15363.	7377.7 -500.00
S.I.= 15863.	SIGE= 13738.				
BOT SK, SY, SKY, SZ= 11634.	5268.7	-53.733	-1000.0	SIG1, SIG2, SIG3= 11635.	5268.3 -1000.0
S.I.= 12635.	SIGE= 10942.				
EL= 1073	NODES= 567 568 628 627	MAT= 1	AREA= 5.71	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 16.34	-1.840 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 592.00	373.07	-2.0157			
TOP SK, SY, SKY, SZ= 18459.	9500.2	-148.23	0.	SIG1, SIG2, SIG3= 18461.	9497.7 -35084E-07
S.I.= 18461.	SIGE= 15990.				
MID SK, SY, SKY, SZ= 15385.	7563.2	-137.77	-500.00	SIG1, SIG2, SIG3= 15387.	7560.8 -500.00
S.I.= 15897.	SIGE= 13759.				
BOT SK, SY, SKY, SZ= 12311.	5626.2	-127.30	-1000.0	SIG1, SIG2, SIG3= 12314.	5623.8 -1000.0
S.I.= 13314.	SIGE= 11530.				
EL= 1074	NODES= 568 569 629 628	MAT= 1	AREA= 6.31	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 16.44	-2.740 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 462.52	335.61	7.2051			
TOP SK, SY, SKY, SZ= 17809.	9448.6	-126.26	0.	SIG1, SIG2, SIG3= 17811.	9446.7 -32711E-07
S.I.= 17811.	SIGE= 15434.				
MID SK, SY, SKY, SZ= 15408.	7706.1	-163.67	-500.00	SIG1, SIG2, SIG3= 15411.	7702.6 -500.00
S.I.= 15911.	SIGE= 13782.				
BOT SK, SY, SKY, SZ= 13006.	5963.6	-201.08	-1000.0	SIG1, SIG2, SIG3= 13012.	5957.8 -1000.0
S.I.= 14012.	SIGE= 12135.				
EL= 1075	NODES= 569 570 630 629	MAT= 1	AREA= 6.96	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KC, YC, ZC= 16.37	1.457 6.912	PRESS= 1000.0	0.		
MX, MY, MXY= 334.80	293.77	16.278			
TOP SK, SY, SKY, SZ= 17162.	9335.7	-94.925	0.	SIG1, SIG2, SIG3= 17163.	9334.6 -30668E-07
S.I.= 17163.	SIGE= 14882.				

TOP SK, SKY SZ=	15423.	7810.5	-179.44	-500.00	SIG1, SIG2, SIG3=	15428.	7806.3	-500.00	
S.I.=	15428.	SIGE=	13798.						
MID SK, SKY SZ=	15685.	5285.3	-263.95	-1000.0	SIG1, SIG2, SIG3=	13695.	6275.9	-1000.0	
S.I.=	15685.	SIGE=	12226.						
EL= 1076	NODES=	570	571	630	MAT= 1	AREA= 7.69	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	16.09	3.347	6.912	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	216.88	249.46	24.571	0.					
TOP SK, SKY, SKY SZ=	16554.	9162.0	-55.287	0.	SIG1, SIG2, SIG3=	16555.	9161.6	-28936E-07	
S.I.=	16555.	SIGE=	14569.						
MID SK, SKY, SKY SZ=	15428.	14569.	-182.86	-500.00	SIG1, SIG2, SIG3=	15433.	7862.4	-500.00	
S.I.=	15933.	SIGE=	13804.						
BOT SK, SKY, SKY SZ=	14502.	4571.7	-310.43	-1000.0	SIG1, SIG2, SIG3=	14315.	6559.2	-1000.0	
S.I.=	15315.	SIGE=	13263.						
EL= 1077	NODES=	571	572	631	MAT= 1	AREA= 8.49	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	15.52	5.379	6.912	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	116.46	204.90	30.998	0.					
TOP SK, SKY, SKY SZ=	14025.	8926.3	-9.5046	0.	SIG1, SIG2, SIG3=	14025.	8926.3	-27839E-07	
S.I.=	16025.	SIGE=	13908.						
MID SK, SKY, SKY SZ=	15420.	7862.5	-170.45	-500.00	SIG1, SIG2, SIG3=	15426.	7858.7	-500.00	
S.I.=	15926.	SIGE=	13796.						
BOT SK, SKY, SKY SZ=	14815.	6798.7	-331.39	-1000.0	SIG1, SIG2, SIG3=	14829.	6785.0	-1000.0	
S.I.=	15829.	SIGE=	13709.						
EL= 1078	NODES=	572	573	632	MAT= 1	AREA= 9.37	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	14.60	7.516	6.912	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	58.833	162.05	34.038	0.					
TOP SK, SKY, SKY SZ=	15601.	8628.9	39.438	0.	SIG1, SIG2, SIG3=	15601.	8628.6	-27214E-07	
S.I.=	15601.	SIGE=	13536.						
MID SK, SKY, SKY SZ=	15399.	7787.5	-137.29	-500.00	SIG1, SIG2, SIG3=	15402.	7785.0	-500.00	
S.I.=	15902.	SIGE=	13776.						
BOT SK, SKY, SKY SZ=	15198.	6946.1	-314.01	-1000.0	SIG1, SIG2, SIG3=	15210.	6934.2	-1000.0	
S.I.=	15210.	SIGE=	14039.						
EL= 1079	NODES=	573	574	633	MAT= 1	AREA= 10.3	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	13.24	9.695	6.912	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	-13.168	122.46	32.143	0.					
TOP SK, SKY, SKY SZ=	15291.	8276.9	86.863	0.	SIG1, SIG2, SIG3=	15292.	8275.8	-27487E-07	
S.I.=	15292.	SIGE=	13258.						
MID SK, SKY, SKY SZ=	15369.	7647.1	-80.082	-500.00	SIG1, SIG2, SIG3=	15370.	7640.2	-500.00	
S.I.=	15870.	SIGE=	13745.						
BOT SK, SKY, SKY SZ=	15448.	7005.3	-246.97	-1000.0	SIG1, SIG2, SIG3=	15455.	6998.0	-1000.0	
S.I.=	16455.	SIGE=	14252.						
EL= 1080	NODES=	574	575	634	MAT= 1	AREA= 11.4	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	11.36	11.82	6.912	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	-50.211	87.324	24.453	0.					
TOP SK, SKY, SKY SZ=	15074.	7891.4	125.78	0.	SIG1, SIG2, SIG3=	15077.	7889.2	-28116E-07	
S.I.=	15077.	SIGE=	13061.						
MID SK, SKY, SKY SZ=	15335.	7438.0	-1.1818	-500.00	SIG1, SIG2, SIG3=	15335.	7438.0	-500.00	
S.I.=	15835.	SIGE=	13714.						
BOT SK, SKY, SKY SZ=	15596.	6984.6	-128.14	-1000.0	SIG1, SIG2, SIG3=	15598.	6982.7	-1000.0	
S.I.=	16598.	SIGE=	14378.						
EL= 1081	NODES=	601	602	661	MAT= 1	AREA= 5.18	0.0	0.0	QUAD SHELL 63
KC, IC, ZC=	-1.825	-16.41	11.53	0.	PRESS=	1000.0	0.		
MAX, MY, MXY=	241.42	389.78	-10.772	0.					
TOP SK, SKY, SKY SZ=	15599.	9131.7	-31.284	0.	SIG1, SIG2, SIG3=	15599.	9131.5	-25326E-07	
S.I.=	15599.	SIGE=	13574.						
MID SK, SKY, SKY SZ=	14345.	7107.9	24.645	-500.00	SIG1, SIG2, SIG3=	14345.	7107.8	-500.00	
S.I.=	14945.	SIGE=	12858.						
BOT SK, SKY, SKY SZ=	13092.	5084.1	80.575	-1000.0	SIG1, SIG2, SIG3=	13092.	5083.3	-1000.0	
S.I.=	14092.	SIGE=	12242.						



EL= 1082	NODES= 602 603 663 662	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-8.762 -16.54 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	-536.69 139.35 -7.6169				
TOP	SX,SY,SKY,SZ= 11707. 7801.8 43.686 0.	SIG1,SIG2,SIG3=	11708. 7801.3 -1.5306E-07		
	S.I.= 11708. SIGE= 10325.				
MID	SX,SY,SKY,SZ= 14494. 7078.3 83.222 -500.00	SIG1,SIG2,SIG3=	14495. 7077.4 -500.00		
	S.I.= 14995. SIGE= 12986.				
BOT	SX,SY,SKY,SZ= 17280. 6354.8 122.76 -1000.0	SIG1,SIG2,SIG3=	17282. 6353.5 -1000.0		
	S.I.= 18282. SIGE= 15933.				
EL= 1083	NODES= 654 601 661 714	MAT= 1	AREA= 6.63	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-2.344 -16.19 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	1044.6 640.09 -2.0981				
TOP	SX,SY,SKY,SZ= 19822. 10537. 44.203 0.	SIG1,SIG2,SIG3=	19822. 10536. -3.6266E-07		
	S.I.= 19822. SIGE= 17178.				
MID	SX,SY,SKY,SZ= 14371. 7213.2 55.097 -500.00	SIG1,SIG2,SIG3=	14371. 7212.8 -500.00		
	S.I.= 14871. SIGE= 12882.				
BOT	SX,SY,SKY,SZ= 8920.9 3889.9 65.990 -1000.0	SIG1,SIG2,SIG3=	8920.9 3889.0 -1000.0		
	S.I.= 9920.9 SIGE= 8592.1				
EL= 1084	NODES= 603 604 664 663	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	.8805E+01 -16.57 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	-457.18 151.71 -8.4243				
TOP	SX,SY,SKY,SZ= 12093. 7704.4 93.741 0.	SIG1,SIG2,SIG3=	12095. 7704.4 -1.7142E-07		
	S.I.= 12095. SIGE= 10605.				
MID	SX,SY,SKY,SZ= 14466. 6918.8 137.48 -500.00	SIG1,SIG2,SIG3=	14469. 6916.2 -500.00		
	S.I.= 14969. SIGE= 12964.				
BOT	SX,SY,SKY,SZ= 16840. 6131.1 181.22 -1000.0	SIG1,SIG2,SIG3=	16843. 6128.0 -1000.0		
	S.I.= 17843. SIGE= 15556.				
EL= 1085	NODES= 653 654 714 713	MAT= 1	AREA= 7.52	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-4.152 -15.92 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	939.37 617.91 3.5829				
TOP	SX,SY,SKY,SZ= 19282. 10596. 107.88 0.	SIG1,SIG2,SIG3=	19283. 10595. -3.4045E-07		
	S.I.= 19283. SIGE= 15727.				
MID	SX,SY,SKY,SZ= 14404. 7388.1 89.274 -500.00	SIG1,SIG2,SIG3=	14405. 7387.0 -500.00		
	S.I.= 14905. SIGE= 12916.				
BOT	SX,SY,SKY,SZ= 9527.1 4179.9 70.672 -1000.0	SIG1,SIG2,SIG3=	9528.0 4179.0 -1000.0		
	S.I.= 10528. SIGE= 9118.0				
EL= 1086	NODES= 604 605 665 664	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	1.052 -16.53 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	-373.77 168.93 -11.296				
TOP	SX,SY,SKY,SZ= 12506. 7687.4 103.55 0.	SIG1,SIG2,SIG3=	12508. 7681.7 -1.8838E-07		
	S.I.= 12508. SIGE= 10926.				
MID	SX,SY,SKY,SZ= 14447. 6806.8 162.19 -500.00	SIG1,SIG2,SIG3=	14450. 6803.4 -500.00		
	S.I.= 14950. SIGE= 12948.				
BOT	SX,SY,SKY,SZ= 16387. 5929.8 220.84 -1000.0	SIG1,SIG2,SIG3=	16392. 5925.1 -1000.0		
	S.I.= 17392. SIGE= 15185.				
EL= 1087	NODES= 652 653 713 712	MAT= 1	AREA= 8.08	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	-5.510 -15.50 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	805.63 581.12 7.7193				
TOP	SX,SY,SKY,SZ= 18609. 10501. 108.68 0.	SIG1,SIG2,SIG3=	18610. 10500. -3.1668E-07		
	S.I.= 18610. SIGE= 15181.				
MID	SX,SY,SKY,SZ= 14426. 7483.9 68.602 -500.00	SIG1,SIG2,SIG3=	14427. 7483.2 -500.00		
	S.I.= 14927. SIGE= 12937.				
BOT	SX,SY,SKY,SZ= 10243. 4466.7 28.523 -1000.0	SIG1,SIG2,SIG3=	10243. 4466.6 -1000.0		
	S.I.= 11243. SIGE= 9738.2				
EL= 1088	NODES= 605 606 666 665	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC=	2.012 -16.44 11.53	PRESS=	1000.0 0.		
MX,MY,MXY=	-290.83 187.08 -14.223				

TOP	651	652	712	711	7677.8	96.274	0.	SIG1, SIG2, SIG3=	12922.	7676.0	-20565E-07
KC, YC, ZC=	-6.951	-14.90	11.53								
AREA=	1000.0										
TOP	651	652	712	711	7677.8	96.274	0.	SIG1, SIG2, SIG3=	12922.	7676.0	-20565E-07
KC, YC, ZC=	-6.951	-14.90	11.53								
AREA=	1000.0										
MID	651	652	712	711	7677.8	96.274	0.	SIG1, SIG2, SIG3=	12922.	7676.0	-20565E-07
KC, YC, ZC=	-6.951	-14.90	11.53								
AREA=	1000.0										
BOT	651	652	712	711	7677.8	96.274	0.	SIG1, SIG2, SIG3=	12922.	7676.0	-20565E-07
KC, YC, ZC=	-6.951	-14.90	11.53								
AREA=	1000.0										
EL= 1093	MODES=	606	607	667	666						
KC, YC, ZC=	2.256	-16.30	204.40	11.53							
AREA=	1000.0										
MID	606	607	667	666	6677.7	85.993	0.	SIG1, SIG2, SIG3=	13314.	7672.4	-22040E-07
KC, YC, ZC=	-212.76	15372.	7673.7								
AREA=	1000.0										
BOT	606	607	667	666	6677.7	85.993	0.	SIG1, SIG2, SIG3=	13314.	7672.4	-22040E-07
KC, YC, ZC=	-212.76	15372.	7673.7								
AREA=	1000.0										
EL= 1091	MODES=	650	651	710	710						
KC, YC, ZC=	-8.487	-14.08	481.70	11.53							
AREA=	1000.0										
MID	650	651	710	710	710105.	15.893	0.	SIG1, SIG2, SIG3=	17036.	10104.	-27953E-07
KC, YC, ZC=	494.21	17055.	10105.								
AREA=	1000.0										
BOT	650	651	710	710	710105.	15.893	0.	SIG1, SIG2, SIG3=	17036.	10104.	-27953E-07
KC, YC, ZC=	494.21	17055.	10105.								
AREA=	1000.0										
EL= 1092	MODES=	607	608	668	667						
KC, YC, ZC=	3.909	-16.10	219.98	11.53							
AREA=	1000.0										
MID	607	608	668	667	6688.4	71.111	0.	SIG1, SIG2, SIG3=	13664.	7667.6	-23494E-07
KC, YC, ZC=	-143.00	13663.	11863.								
AREA=	1000.0										
BOT	607	608	668	667	6688.4	71.111	0.	SIG1, SIG2, SIG3=	13664.	7667.6	-23494E-07
KC, YC, ZC=	-143.00	13663.	11863.								
AREA=	1000.0										
EL= 1095	MODES=	649	650	710	709						
KC, YC, ZC=	-10.04	-17.99	423.44	11.53							
AREA=	1000.0										
MID	649	650	710	709	7091.0	65.001	0.	SIG1, SIG2, SIG3=	16217.	9800.3	-25176E-07
KC, YC, ZC=	332.02	16216.	14146.								
AREA=	1000.0										
BOT	649	650	710	709	7091.0	65.001	0.	SIG1, SIG2, SIG3=	16217.	9800.3	-25176E-07
KC, YC, ZC=	332.02	16216.	14146.								
AREA=	1000.0										
EL= 1094	MODES=	606	609	669	668						
KC, YC, ZC=	4.840	-15.85	233.18	11.53							
AREA=	1000.0										
MID	606	609	669	668	6681.6	58.476	0.	SIG1, SIG2, SIG3=	13960.	7660.9	-24598E-07
KC, YC, ZC=	-84.027	13959.	7661.6								
AREA=	1000.0										
BOT	606	609	669	668	6681.6	58.476	0.	SIG1, SIG2, SIG3=	13960.	7660.9	-24598E-07
KC, YC, ZC=	-84.027	13959.	7661.6								
AREA=	1000.0										

EL= 1095 NODES= 648 649 709 708 MAT= 1 AREA= 12.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -11.54 -11.59 11.53 PRESS= 1000.0 0. MX,MY,MXY= 176.93 362.61 23.267 TOP SX,SY,SXY,SZ= 15435. 9435.0 63.706 0. SIG1,SIG2,SIG3= 15435. 9435.4 -.23524E-07 S.I.= 15435. SIGE= 13477. MID SX,SY,SXY,SZ= 14516. 7553.4 -57.095 -500.00 SIG1,SIG2,SIG3= 14516. 7552.9 -500.00 S.I.= 15016. SIGE= 13016. BOT SX,SY,SXY,SZ= 13597. 5670.7 -177.90 -1000.0 SIG1,SIG2,SIG3= 13601. 5666.8 -1000.0 S.I.= 14601. SIGE= 12661.									
EL= 1096 NODES= 609 610 670 669 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 5.753 -15.53 11.53 PRESS= 1000.0 0. MX,MY,MXY= -37.561 243.51 -19.125 TOP SX,SY,SXY,SZ= 14192. 7652.4 45.764 0. SIG1,SIG2,SIG3= 14193. 7652.1 -.25614E-07 S.I.= 14193. SIGE= 12304. MID SX,SY,SXY,SZ= 14387. 6388.1 145.06 -500.00 SIG1,SIG2,SIG3= 14387. 6385.5 -500.00 S.I.= 14890. SIGE= 12907. BOT SX,SY,SXY,SZ= 14582. 5123.8 241.4 -1000.0 SIG1,SIG2,SIG3= 14589. 5117.5 -1000.0 S.I.= 15589. SIGE= 13604.									
EL= 1097 NODES= 647 648 708 707 MAT= 1 AREA= 13.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -13.15 -9.824 11.53 PRESS= 1000.0 0. MX,MY,MXY= 38.801 302.87 25.251 TOP SX,SY,SXY,SZ= 14737. 9039.8 69.257 0. SIG1,SIG2,SIG3= 14738. 9039.0 -.22252E-07 S.I.= 14738. SIGE= 12873. MID SX,SY,SXY,SZ= 14536. 7467.4 -61.845 -500.00 SIG1,SIG2,SIG3= 14537. 7466.8 -500.00 S.I.= 15037. SIGE= 13030. BOT SX,SY,SXY,SZ= 14335. 5894.9 -192.95 -1000.0 SIG1,SIG2,SIG3= 14339. 5890.5 -1000.0 S.I.= 15339. SIGE= 13307.									
EL= 1098 NODES= 610 611 671 670 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 6.648 -15.17 11.53 PRESS= 1000.0 0. MX,MY,MXY= -4.7233 250.60 -19.168 TOP SX,SY,SXY,SZ= 14357. 7641.2 32.550 0. SIG1,SIG2,SIG3= 14357. 7641.1 -.26217E-07 S.I.= 14357. SIGE= 12442. MID SX,SY,SXY,SZ= 14381. 6340.2 132.07 -500.00 SIG1,SIG2,SIG3= 14384. 6338.0 -500.00 S.I.= 14884. SIGE= 12904. BOT SX,SY,SXY,SZ= 14406. 5039.1 231.59 -1000.0 SIG1,SIG2,SIG3= 14412. 5033.3 -1000.0 S.I.= 15412. SIGE= 13451.									
EL= 1099 NODES= 646 647 707 706 MAT= 1 AREA= 14.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= -14.52 -7.647 11.53 PRESS= 1000.0 0. MX,MY,MXY= -71.979 248.79 24.981 TOP SX,SY,SXY,SZ= 14176. 8660.5 74.922 0. SIG1,SIG2,SIG3= 14177. 8659.4 -.21606E-07 S.I.= 14177. SIGE= 12378. MID SX,SY,SXY,SZ= 14549. 7368.8 -54.779 -500.00 SIG1,SIG2,SIG3= 14550. 7368.3 -500.00 S.I.= 15050. SIGE= 13038. BOT SX,SY,SXY,SZ= 14923. 6077.1 -184.48 -1000.0 SIG1,SIG2,SIG3= 14927. 6073.2 -1000.0 S.I.= 15927. SIGE= 13822.									
EL= 1100 NODES= 611 612 672 671 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 7.520 -14.76 11.53 PRESS= 1000.0 0. MX,MY,MXY= 13.801 254.20 -18.981 TOP SX,SY,SXY,SZ= 14449. 7627.8 18.653 0. SIG1,SIG2,SIG3= 14450. 7627.8 -.26694E-07 S.I.= 14450. SIGE= 12520. MID SX,SY,SXY,SZ= 14378. 6308.0 117.10 -500.00 SIG1,SIG2,SIG3= 14380. 6306.3 -500.00 S.I.= 14880. SIGE= 12902. BOT SX,SY,SXY,SZ= 14306. 4988.2 215.54 -1000.0 SIG1,SIG2,SIG3= 14311. 4983.2 -1000.0 S.I.= 15311. SIGE= 13365.									
EL= 1101 NODES= 645 646 706 705 MAT= 1 AREA= 16.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									



EL= 1102 NODES= 612 613 673 672 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.366 -14.30 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= 17.669 254.19 -18.507									
TOP	SX,SY,SXY,SZ=	14469.	7612.2	4.1698	0.	SIG1,SIG2,SIG3=	14469.	7612.2	-.26833E-07
	S.I.=	14469.	SIGE=	12536.					
MID	SX,SY,SXY,SZ=	14377.	6292.4	100.26	-500.00	SIG1,SIG2,SIG3=	14378.	6291.2	-500.00
	S.I.=	14378.	SIGE=	12901.					
BOT	SX,SY,SXY,SZ=	14285.	4972.7	196.35	-1000.0	SIG1,SIG2,SIG3=	14289.	4968.6	-1000.0
	S.I.=	14289.	SIGE=	13347.					
EL= 1103 NODES= 644 645 705 704 MAT= 1 AREA= 17.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.26 -1.976 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -175.41 173.41 14.622									
TOP	SX,SY,SXY,SZ=	13642.	8154.7	36.637	0.	SIG1,SIG2,SIG3=	13643.	8154.5	-.21423E-07
	S.I.=	13643.	SIGE=	11890.					
MID	SX,SY,SXY,SZ=	14553.	7254.4	-39.281	-500.00	SIG1,SIG2,SIG3=	14553.	7254.2	-500.00
	S.I.=	15053.	SIGE=	13039.					
BOT	SX,SY,SXY,SZ=	15464.	6354.7	-115.20	-1000.0	SIG1,SIG2,SIG3=	15465.	6352.6	-1000.0
	S.I.=	16465.	SIGE=	14286.					
EL= 1104 NODES= 613 614 674 673 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.184 -13.79 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= 6.8091 250.51 -17.777									
TOP	SX,SY,SXY,SZ=	14414.	7594.4	-10.609	0.	SIG1,SIG2,SIG3=	14414.	7594.4	-.26680E-07
	S.I.=	14414.	SIGE=	12489.					
MID	SX,SY,SXY,SZ=	14379.	6293.8	81.688	-500.00	SIG1,SIG2,SIG3=	14380.	6292.9	-500.00
	S.I.=	14880.	SIGE=	12902.					
BOT	SX,SY,SXY,SZ=	14344.	4993.1	173.99	-1000.0	SIG1,SIG2,SIG3=	14347.	4989.9	-1000.0
	S.I.=	15347.	SIGE=	13397.					
EL= 1105 NODES= 643 644 704 703 MAT= 1 AREA= 19.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.30 1.469 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -156.65 156.27 5.9117									
TOP	SX,SY,SXY,SZ=	13738.	8075.3	-23.407	0.	SIG1,SIG2,SIG3=	13738.	8075.2	-.22110E-07
	S.I.=	13738.	SIGE=	11959.					
MID	SX,SY,SXY,SZ=	14551.	7263.9	-53.581	-500.00	SIG1,SIG2,SIG3=	14552.	7263.5	-500.00
	S.I.=	15052.	SIGE=	13037.					
BOT	SX,SY,SXY,SZ=	15365.	6452.6	-83.755	-1000.0	SIG1,SIG2,SIG3=	15365.	6451.8	-1000.0
	S.I.=	16365.	SIGE=	14192.					
EL= 1106 NODES= 614 615 675 674 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.971 -13.23 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -18.601 243.23 -16.730									
TOP	SX,SY,SXY,SZ=	14287.	7574.9	-25.328	0.	SIG1,SIG2,SIG3=	14287.	7574.8	-.26343E-07
	S.I.=	14287.	SIGE=	12381.					
MID	SX,SY,SXY,SZ=	14384.	6312.0	61.533	-500.00	SIG1,SIG2,SIG3=	14384.	6311.5	-500.00
	S.I.=	14884.	SIGE=	12905.					
BOT	SX,SY,SXY,SZ=	14480.	5049.2	148.39	-1000.0	SIG1,SIG2,SIG3=	14483.	5046.8	-1000.0
	S.I.=	15483.	SIGE=	13515.					
EL= 1107 NODES= 642 643 703 702 MAT= 1 AREA= 21.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.50 5.181 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -85.201 155.76 -41205									
TOP	SX,SY,SXY,SZ=	14118.	8092.1	-87.240	0.	SIG1,SIG2,SIG3=	14119.	8090.8	-.23573E-07
	S.I.=	14119.	SIGE=	12271.					



MID	SX,SY,SXY,SZ=	14561.	7283.4	-85.701	-500.00	SIG1,SIG2,SIG3=	14562.	7282.4	-500.00
	S.I.=	15062.	SIGE=	13046.					
BOT	SX,SY,SXY,SZ=	15003.	6474.7	-82.962	-1000.0	SIG1,SIG2,SIG3=	15004.	6473.9	-1000.0
	S.I.=	16004.	SIGE=	13870.					
EL= 1108 NODES= 615 616 676 675 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	10.72	-12.63	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	-38.144	232.49	-15.345					
TOP	SX,SY,SXY,SZ=	14089.	7554.0	-39.700	0.	SIG1,SIG2,SIG3=	14089.	7553.8	-.25578E-07
	S.I.=	14089.	SIGE=	12212.					
MID	SX,SY,SXY,SZ=	14391.	6346.9	39.973	-500.00	SIG1,SIG2,SIG3=	14391.	6346.7	-500.00
	S.I.=	14891.	SIGE=	12910.					
BOT	SX,SY,SXY,SZ=	14693.	5139.8	119.65	-1000.0	SIG1,SIG2,SIG3=	14694.	5138.3	-1000.0
	S.I.=	15094.	SIGE=	13699.					
EL= 1109 NODES= 641 642 702 701 MAT= 1 AREA= 23.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-13.65	8.935	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	52.253	171.73	-1.6196					
TOP	SX,SY,SXY,SZ=	14860.	8151.3	-115.65	0.	SIG1,SIG2,SIG3=	14862.	8149.3	-.26238E-07
	S.I.=	14862.	SIGE=	12891.					
MID	SX,SY,SXY,SZ=	14588.	7259.7	-107.24	-500.00	SIG1,SIG2,SIG3=	14590.	7258.1	-500.00
	S.I.=	15090.	SIGE=	13070.					
BOT	SX,SY,SXY,SZ=	14317.	6368.1	-98.826	-1000.0	SIG1,SIG2,SIG3=	14318.	6366.9	-1000.0
	S.I.=	15318.	SIGE=	13269.					
EL= 1110 NODES= 616 617 677 676 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	11.44	-11.98	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	-111.13	218.55	-13.650					
TOP	SX,SY,SXY,SZ=	13823.	7532.6	-53.648	0.	SIG1,SIG2,SIG3=	13824.	7532.1	-.24555E-07
	S.I.=	13824.	SIGE=	11988.					
MID	SX,SY,SXY,SZ=	14400.	6397.9	17.223	-500.00	SIG1,SIG2,SIG3=	14400.	6397.9	-500.00
	S.I.=	14900.	SIGE=	12916.					
BOT	SX,SY,SXY,SZ=	14977.	5263.2	88.095	-1000.0	SIG1,SIG2,SIG3=	14978.	5262.4	-1000.0
	S.I.=	15978.	SIGE=	13945.					
EL= 1111 NODES= 640 641 701 700 MAT= 1 AREA= 26.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-10.58	12.37	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	284.67	195.66	-3.4510					
TOP	SX,SY,SXY,SZ=	16093.	8172.7	-86.156	0.	SIG1,SIG2,SIG3=	16094.	8171.8	-.30989E-07
	S.I.=	16094.	SIGE=	13939.					
MID	SX,SY,SXY,SZ=	14615.	7156.9	-68.239	-500.00	SIG1,SIG2,SIG3=	14616.	7156.2	-500.00
	S.I.=	15116.	SIGE=	13091.					
BOT	SX,SY,SXY,SZ=	13137.	6141.0	-50.321	-1000.0	SIG1,SIG2,SIG3=	13138.	6140.6	-1000.0
	S.I.=	14138.	SIGE=	12244.					
EL= 1112 NODES= 617 618 678 677 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	12.12	-11.30	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	-176.56	201.75	-11.741					
TOP	SX,SY,SXY,SZ=	13495.	7511.3	-67.391	0.	SIG1,SIG2,SIG3=	13496.	7510.5	-.23493E-07
	S.I.=	13496.	SIGE=	11713.					
MID	SX,SY,SXY,SZ=	14412.	6463.8	-6.4339	-500.00	SIG1,SIG2,SIG3=	14412.	6463.8	-500.00
	S.I.=	14912.	SIGE=	12924.					
BOT	SX,SY,SXY,SZ=	15329.	5416.3	54.523	-1000.0	SIG1,SIG2,SIG3=	15329.	5416.0	-1000.0
	S.I.=	16329.	SIGE=	14249.					
EL= 1113 NODES= 639 640 700 699 MAT= 1 AREA= 26.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
	XC,YC,ZC=	-6.484	14.93	11.53	PRESS=	1000.0	0.		
	MX,MY,MXY=	268.79	187.67	-10.048					
TOP	SX,SY,SXY,SZ=	16022.	7980.1	-9.3322	0.	SIG1,SIG2,SIG3=	16022.	7980.0	-.31421E-07
	S.I.=	16022.	SIGE=	13876.					
MID	SX,SY,SXY,SZ=	14627.	7005.7	42.835	-500.00	SIG1,SIG2,SIG3=	14627.	7005.5	-500.00
	S.I.=	15127.	SIGE=	13100.					
BOT	SX,SY,SXY,SZ=	13231.	6031.3	95.003	-1000.0	SIG1,SIG2,SIG3=	13232.	6030.1	-1000.0
	S.I.=	14232.	SIGE=	12326.					

EL= 1114	NODES= 618 619 679 678	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 12.76	-10.57 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -252.92	182.50 -2.7955				
TOP SX,SY,SKY,SZ= 13112.	7490.9 -81.429	0.	SIG1,SIG2,SIG3= 13113.	7489.7	-2.1987E-07
S.I.= 13113.	SIGE= 11394.				
MID SX,SY,SKY,SZ= 14425.	6543.0 -30.571	-500.00	SIG1,SIG2,SIG3= 14425.	6542.9	-500.00
S.I.= 14925.	SIGE= 12932.				
BOT SX,SY,SKY,SZ= 15739.	5595.1 20.287	-1000.0	SIG1,SIG2,SIG3= 15739.	5595.1	-1000.0
S.I.= 14739.	SIGE= 14604.				
EL= 1115	NODES= 638 639 699 698	MAT= 1	AREA= 23.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -2.048	16.18 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= 35.754	157.60 -15.967				
TOP SX,SY,SKY,SZ= 14789.	7705.6 59.433	0.	SIG1,SIG2,SIG3= 14789.	7705.1	-2.27794E-07
S.I.= 14789.	SIGE= 12812.				
MID SX,SY,SKY,SZ= 14603.	6887.4 142.33	-500.00	SIG1,SIG2,SIG3= 14606.	6884.7	-500.00
S.I.= 15106.	SIGE= 13083.				
BOT SX,SY,SKY,SZ= 14418.	6069.1 225.23	-1000.0	SIG1,SIG2,SIG3= 14424.	6063.0	-1000.0
S.I.= 15424.	SIGE= 13373.				
EL= 1116	NODES= 619 620 680 679	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.35	-9.810 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -338.35	161.59 -8.0551				
TOP SX,SY,SKY,SZ= 12683.	7472.2 -95.221	0.	SIG1,SIG2,SIG3= 12685.	7470.5	-2.2041E-07
S.I.= 12685.	SIGE= 11043.				
MID SX,SY,SKY,SZ= 14440.	6633.3 -54.399	-500.00	SIG1,SIG2,SIG3= 14440.	6632.9	-500.00
S.I.= 14940.	SIGE= 12943.				
BOT SX,SY,SKY,SZ= 16197.	5794.3 -12.577	-1000.0	SIG1,SIG2,SIG3= 16197.	5794.3	-1000.0
S.I.= 17197.	SIGE= 15001.				
EL= 1117	NODES= 637 638 698 697	MAT= 1	AREA= 21.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 2.137	16.20 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -55.279	151.73 -15.241				
TOP SX,SY,SKY,SZ= 14260.	7648.4 100.23	0.	SIG1,SIG2,SIG3= 14261.	7646.9	-2.25887E-07
S.I.= 14261.	SIGE= 12361.				
MID SX,SY,SKY,SZ= 14547.	6860.6 179.37	-500.00	SIG1,SIG2,SIG3= 14551.	6856.4	-500.00
S.I.= 15051.	SIGE= 13036.				
BOT SX,SY,SKY,SZ= 14834.	6072.8 258.50	-1000.0	SIG1,SIG2,SIG3= 14841.	6065.2	-1000.0
S.I.= 15841.	SIGE= 13746.				
EL= 1118	NODES= 620 621 681 680	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.90	-9.017 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -429.92	139.57 -6.7226				
TOP SX,SY,SKY,SZ= 12224.	7456.8 -111.16	0.	SIG1,SIG2,SIG3= 12227.	7454.2	-1.18717E-07
S.I.= 12227.	SIGE= 10673.				
MID SX,SY,SKY,SZ= 14456.	6732.1 -76.254	-500.00	SIG1,SIG2,SIG3= 14457.	6731.4	-500.00
S.I.= 14957.	SIGE= 12955.				
BOT SX,SY,SKY,SZ= 16688.	6007.5 -41.350	-1000.0	SIG1,SIG2,SIG3= 16688.	6007.3	-1000.0
S.I.= 17688.	SIGE= 15428.				
EL= 1119	NODES= 636 637 697 696	MAT= 1	AREA= 19.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 5.824	15.29 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -68.625	170.01 -10.114				
TOP SX,SY,SKY,SZ= 14139.	7822.6 108.56	0.	SIG1,SIG2,SIG3= 14141.	7820.8	-2.24613E-07
S.I.= 14141.	SIGE= 12289.				
MID SX,SY,SKY,SZ= 14495.	6940.0 161.07	-500.00	SIG1,SIG2,SIG3= 14498.	6936.6	-500.00
S.I.= 14998.	SIGE= 12989.				
BOT SX,SY,SKY,SZ= 14851.	6057.3 215.58	-1000.0	SIG1,SIG2,SIG3= 1487.	6052.1	-1000.0
S.I.= 15857.	SIGE= 13760.				
EL= 1120	NODES= 621 622 682 681	MAT= 1	AREA= 5.22	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 14.40	-8.193 11.53	PRESS= 1000.0	0.		
MX,MY,MXY= -523.99	117.54 -5.737				

TOP	SX,SY,SXY,SZ=	11754.	7448.4	-122.21	0.	SIG1,SIG2,SIG3=	11757.	7445.0	-1.6912E-07
	S.I.=	11757.	SIGE=	10302.					
MID	SX,SY,SXY,SZ=	14474.	6838.2	-92.376	-500.00	SIG1,SIG2,SIG3=	14476.	6837.1	-500.00
	S.I.=	14476.	SIGE=	12970.					
BOT	SX,SY,SXY,SZ=	17195.	6227.9	-62.545	-1000.0	SIG1,SIG2,SIG3=	17195.	6227.6	-1000.0
	S.I.=	18195.	SIGE=	1586.					
EL= 1121 NODES= 635 636 696 695 MAT= 1 AREA= 17.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 8.915 13.75 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -52.129 202.15 -3.5421									
TOP	SX,SY,SXY,SZ=	14192.	8156.0	89.375	0.	SIG1,SIG2,SIG3=	14193.	8154.7	-2.3596E-07
	S.I.=	14193.	SIGE=	12337.					
MID	SX,SY,SXY,SZ=	14462.	7106.5	107.77	-500.00	SIG1,SIG2,SIG3=	14464.	7104.7	-500.00
	S.I.=	14964.	SIGE=	12960.					
BOT	SX,SY,SXY,SZ=	14733.	6056.9	126.16	-1000.0	SIG1,SIG2,SIG3=	14735.	6055.1	-1000.0
	S.I.=	15735.	SIGE=	13651.					
EL= 1122 NODES= 634 635 695 694 MAT= 1 AREA= 16.1 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.36 11.82 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -22.442 239.34 2.6354									
TOP	SX,SY,SXY,SZ=	14332.	8561.8	53.584	0.	SIG1,SIG2,SIG3=	14333.	8561.3	-2.2608E-07
	S.I.=	14333.	SIGE=	12491.					
MID	SX,SY,SXY,SZ=	14449.	7319.1	39.901	-500.00	SIG1,SIG2,SIG3=	14449.	7318.9	-500.00
	S.I.=	14949.	SIGE=	12951.					
BOT	SX,SY,SXY,SZ=	14565.	6076.5	26.218	-1000.0	SIG1,SIG2,SIG3=	14566.	6076.4	-1000.0
	S.I.=	15566.	SIGE=	13499.					
EL= 1123 NODES= 622 623 683 682 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 14.85 -7.341 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -615.90 97.346 -4.5051									
TOP	SX,SY,SXY,SZ=	11298.	7462.5	-118.14	0.	SIG1,SIG2,SIG3=	11302.	7458.9	-1.5052E-07
	S.I.=	11302.	SIGE=	9953.4					
MID	SX,SY,SXY,SZ=	14496.	6957.1	-94.747	-500.00	SIG1,SIG2,SIG3=	14497.	6955.9	-500.00
	S.I.=	14997.	SIGE=	12988.					
BOT	SX,SY,SXY,SZ=	17694.	6451.7	-71.357	-1000.0	SIG1,SIG2,SIG3=	17694.	6451.2	-1000.0
	S.I.=	18694.	SIGE=	16300.					
EL= 1124 NODES= 623 624 684 683 MAT= 1 AREA= 5.22 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.35 -6.464 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= -701.16 82.934 -1.1338									
TOP	SX,SY,SXY,SZ=	10885.	7550.6	-75.652	0.	SIG1,SIG2,SIG3=	10885.	7548.9	-1.3069E-07
	S.I.=	10885.	SIGE=	9659.2					
MID	SX,SY,SXY,SZ=	14524.	7120.0	-69.765	-500.00	SIG1,SIG2,SIG3=	14524.	7119.3	-500.00
	S.I.=	15024.	SIGE=	13012.					
BOT	SX,SY,SXY,SZ=	18164.	6689.4	-63.878	-1000.0	SIG1,SIG2,SIG3=	18164.	6689.0	-1000.0
	S.I.=	19164.	SIGE=	16705.					
EL= 1125 NODES= 624 625 685 684 MAT= 1 AREA= 5.18 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.55 -5.554 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= 76.331 332.69 6.1498									
TOP	SX,SY,SXY,SZ=	14775.	8899.1	-1.2533	0.	SIG1,SIG2,SIG3=	14775.	8899.1	-2.2991E-07
	S.I.=	14775.	SIGE=	12884.					
MID	SX,SY,SXY,SZ=	14578.	7171.8	-33.185	-500.00	SIG1,SIG2,SIG3=	14578.	7171.6	-500.00
	S.I.=	14878.	SIGE=	12887.					
BOT	SX,SY,SXY,SZ=	13982.	5444.4	-65.113	-1000.0	SIG1,SIG2,SIG3=	13982.	5443.9	-1000.0
	S.I.=	14982.	SIGE=	13017.					
EL= 1126 NODES= 625 626 686 685 MAT= 1 AREA= 6.63 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 15.82 -4.498 11.53 PRESS= 1000.0 0.									
MX,MY,MXY= 887.56 584.17 1.9823									
TOP	SX,SY,SXY,SZ=	19012.	10329.	-93.709	0.	SIG1,SIG2,SIG3=	19013.	10328.	-3.3404E-07
	S.I.=	19013.	SIGE=	16486.					
MID	SX,SY,SXY,SZ=	14403.	7295.7	-104.00	-500.00	SIG1,SIG2,SIG3=	14405.	7294.2	-500.00
	S.I.=	14905.	SIGE=	12913.					



BOT SX,SY,SKY,SZ= 9795.2 4262.7 -114.29 -1000.0 SIG1,SIG2,SIG3= 9797.5 4260.4 -1000.0 S.I.= 10798. SIGE= 9352.0									
EL= 1127 NODES= 626 627 687 686 MAT= 1 AREA= 7.32 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 16.13 -3.246 11.53 PRESS= 1000.0 0. MX,MY,MXY= 782.17 564.76 1.4178 TOP SX,SY,SKY,SZ= 18492. 10415. -159.04 0. SIG1,SIG2,SIG3= 18495. 10412. -.31666E-07 S.I.= 18495. SIGE= 16060. MID SX,SY,SKY,SZ= 14431. 7483.0 -166.40 -500.00 SIG1,SIG2,SIG3= 14435. 7479.1 -500.00 S.I.= 14935. SIGE= 12944. BOT SX,SY,SKY,SZ= 10370. 4550.8 -173.76 -1000.0 SIG1,SIG2,SIG3= 10375. 4545.6 -1000.0 S.I.= 11375. SIGE= 9852.4									
EL= 1128 NODES= 627 628 688 687 MAT= 1 AREA= 8.08 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 16.34 -1.840 11.53 PRESS= 1000.0 0. MX,MY,MXY= 652.89 532.52 2.7255 TOP SX,SY,SKY,SZ= 17873. 10375. -169.31 0. SIG1,SIG2,SIG3= 17877. 10371. -.29400E-07 S.I.= 17877. SIGE= 15548. MID SX,SY,SKY,SZ= 14447. 7610.0 -183.46 -500.00 SIG1,SIG2,SIG3= 14452. 7605.1 -500.00 S.I.= 14952. SIGE= 12964. BOT SX,SY,SKY,SZ= 11021. 4845.2 -197.61 -1000.0 SIG1,SIG2,SIG3= 11027. 4838.9 -1000.0 S.I.= 12727. SIGE= 10417.									
EL= 1129 NODES= 628 629 689 688 MAT= 1 AREA= 8.92 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 16.44 -2.740 11.53 PRESS= 1000.0 0. MX,MY,MXY= 528.79 493.96 4.5045 TOP SX,SY,SKY,SZ= 17202. 10285. -158.36 0. SIG1,SIG2,SIG3= 17206. 10281. -.27135E-07 S.I.= 17206. SIGE= 14995. MID SX,SY,SKY,SZ= 14457. 7719.9 -181.75 -500.00 SIG1,SIG2,SIG3= 14461. 7715.0 -500.00 S.I.= 14961. SIGE= 12978. BOT SX,SY,SKY,SZ= 11711. 5155.3 -205.13 -1000.0 SIG1,SIG2,SIG3= 11718. 5148.9 -1000.0 S.I.= 12718. SIGE= 11016.									
EL= 1130 NODES= 629 630 690 689 MAT= 1 AREA= 9.85 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 16.37 1.457 11.53 PRESS= 1000.0 0. MX,MY,MXY= 398.13 452.09 6.3483 TOP SX,SY,SKY,SZ= 16528. 10147. -138.40 0. SIG1,SIG2,SIG3= 16531. 10144. -.25015E-07 S.I.= 16531. SIGE= 14439. MID SX,SY,SKY,SZ= 14461. 7800.2 -171.36 -500.00 SIG1,SIG2,SIG3= 14466. 7795.8 -500.00 S.I.= 14966. SIGE= 12986. BOT SX,SY,SKY,SZ= 12394. 5452.9 -204.32 -1000.0 SIG1,SIG2,SIG3= 12400. 5446.9 -1000.0 S.I.= 13400. SIGE= 11608.									
EL= 1131 NODES= 630 631 691 690 MAT= 1 AREA= 10.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 16.09 3.347 11.53 PRESS= 1000.0 0. MX,MY,MXY= 276.22 408.46 7.9596 TOP SX,SY,SKY,SZ= 15896. 9953.3 -111.89 0. SIG1,SIG2,SIG3= 15898. 9951.2 -.23380E-07 S.I.= 15898. SIGE= 13913. MID SX,SY,SKY,SZ= 14462. 7832.6 -153.22 -500.00 SIG1,SIG2,SIG3= 14465. 7829.1 -500.00 S.I.= 14965. SIGE= 12988. BOT SX,SY,SKY,SZ= 13028. 5711.9 -194.54 -1000.0 SIG1,SIG2,SIG3= 13033. 5706.7 -1000.0 S.I.= 14033. SIGE= 12157.									
EL= 1132 NODES= 631 632 692 691 MAT= 1 AREA= 12.0 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63 XC,YC,ZC= 15.52 5.379 11.53 PRESS= 1000.0 0. MX,MY,MXY= 170.10 364.28 8.9961 TOP SX,SY,SKY,SZ= 15342. 9692.5 -77.991 0. SIG1,SIG2,SIG3= 15343. 9691.4 -.22184E-07 S.I.= 15343. SIGE= 13440. MID SX,SY,SKY,SZ= 14459. 7801.1 -124.70 -500.00 SIG1,SIG2,SIG3= 14461. 7798.8 -500.00 S.I.= 14961. SIGE= 12983. BOT SX,SY,SKY,SZ= 13576. 5909.8 -171.41 -1000.0 SIG1,SIG2,SIG3= 13580. 5905.9 -1000.0 S.I.= 14580. SIGE= 12652.									
EL= 1133 NODES= 632 633 693 692 MAT= 1 AREA= 13.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									



XC, YC, ZC = 14.60	7.516	11.53	PRESS = 1000.0	0.				
MX, MY, MXY = 84.691	320.78	8.8981						
TOP SX, SY, SKY, SZ = 14893.	9363.6	-36.627	0.		SIG1, SIG2, SIG3 = 14893.	9363.4	-2.1694E-07	
S.I. = 14893.	SIGE = 13040.							
MID SX, SY, SKY, SZ = 14453.	7698.1	-82.825	-500.00		SIG1, SIG2, SIG3 = 14454.	7697.1	-500.00	
S.I. = 14954.	SIGE = 12971.							
BOT SX, SY, SKY, SZ = 14014.	6032.6	-129.02	-1000.0		SIG1, SIG2, SIG3 = 14016.	6030.5	-1000.0	
S.I. = 15016.	SIGE = 15013.							
EL = 1134	NODES = 633 634 694 693	MAT = 1	AREA = 14.6	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = 13.24	9.693	11.53	PRESS = 1000.0	0.				
MX, MY, MXY = 21.425	278.96	6.9331						
TOP SX, SY, SKY, SZ = 14560.	8978.1	9.2096	0.		SIG1, SIG2, SIG3 = 14560.	8978.0	-2.1828E-07	
S.I. = 14560.	SIGE = 12723.							
MID SX, SY, SKY, SZ = 14448.	7529.7	-26.787	-500.00		SIG1, SIG2, SIG3 = 14448.	7529.6	-500.00	
S.I. = 14948.	SIGE = 12958.							
BOT SX, SY, SKY, SZ = 14337.	6081.3	-62.784	-1000.0		SIG1, SIG2, SIG3 = 14338.	6080.8	-1000.0	
S.I. = 15338.	SIGE = 13296.							
EL = 1135	NODES = 661 662 722 721	MAT = 1	AREA = 7.32	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -1.825	-16.41	18.06	PRESS = 1000.0	0.				
MX, MY, MXY = -114.31	-673.26	-15.141						
TOP SX, SY, SKY, SZ = 14264.	3529.7	100.90	0.		SIG1, SIG2, SIG3 = 14265.	3528.7	-4.2009E-07	
S.I. = 14265.	SIGE = 12868.							
MID SX, SY, SKY, SZ = 14857.	7025.2	179.51	-500.00		SIG1, SIG2, SIG3 = 14861.	7021.1	-500.00	
S.I. = 15361.	SIGE = 13304.							
BOT SX, SY, SKY, SZ = 15451.	10521.	258.13	-1000.0		SIG1, SIG2, SIG3 = 15464.	10507.	-1000.0	
S.I. = 16464.	SIGE = 14630.							
EL = 1136	NODES = 662 663 723 722	MAT = 1	AREA = 7.38	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -8762	-16.54	18.06	PRESS = 1000.0	0.				
MX, MY, MXY = -916.72	-911.22	-23.771						
TOP SX, SY, SKY, SZ = 10157.	2083.1	75.186	0.		SIG1, SIG2, SIG3 = 10158.	2082.4	-3.1683E-07	
S.I. = 10158.	SIGE = 9293.4							
MID SX, SY, SKY, SZ = 14917.	6814.1	198.60	-500.00		SIG1, SIG2, SIG3 = 14922.	6809.3	-500.00	
S.I. = 15422.	SIGE = 13362.							
BOT SX, SY, SKY, SZ = 19676.	11545.	322.02	-1000.0		SIG1, SIG2, SIG3 = 19689.	11532.	-1000.0	
S.I. = 20689.	SIGE = 18050.							
EL = 1137	NODES = 714 661 721 774	MAT = 1	AREA = 9.37	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -2.894	-16.19	18.06	PRESS = 1000.0	0.				
MX, MY, MXY = 715.40	-430.48	-12.366						
TOP SX, SY, SKY, SZ = 18670.	5031.8	112.42	0.		SIG1, SIG2, SIG3 = 18671.	5030.9	-5.3328E-07	
S.I. = 18671.	SIGE = 16733.							
MID SX, SY, SKY, SZ = 14956.	7266.9	176.63	-500.00		SIG1, SIG2, SIG3 = 14960.	7262.8	-500.00	
S.I. = 15460.	SIGE = 13388.							
BOT SX, SY, SKY, SZ = 11241.	9501.9	240.83	-1000.0		SIG1, SIG2, SIG3 = 11274.	9469.2	-1000.0	
S.I. = 12274.	SIGE = 11478.							
EL = 1138	NODES = 663 664 724 723	MAT = 1	AREA = 7.38	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = .8805E-01	-16.57	18.06	PRESS = 1000.0	0.				
MX, MY, MXY = -812.59	-878.13	-32.663						
TOP SX, SY, SKY, SZ = 10696.	2268.1	32.048	0.		SIG1, SIG2, SIG3 = 10696.	2267.9	-3.3039E-07	
S.I. = 10696.	SIGE = 9761.4							
MID SX, SY, SKY, SZ = 14915.	6827.3	201.63	-500.00		SIG1, SIG2, SIG3 = 14920.	6822.3	-500.00	
S.I. = 15420.	SIGE = 13359.							
BOT SX, SY, SKY, SZ = 19134.	11387.	371.22	-1000.0		SIG1, SIG2, SIG3 = 19151.	11369.	-1000.0	
S.I. = 20151.	SIGE = 17602.							
EL = 1139	NODES = 713 714 774 773	MAT = 1	AREA = 10.3	TTOP, TBOT = 0.0 0.0			QUAD SHELL 63	
XC, YC, ZC = -4.152	-15.92	18.06	PRESS = 1000.0	0.				
MX, MY, MXY = 589.48	-471.67	-10.096						
TOP SX, SY, SKY, SZ = 18015.	4809.1	77.407	0.		SIG1, SIG2, SIG3 = 18016.	4808.6	-5.1811E-07	
S.I. = 18016.	SIGE = 16157.							

EL= 1140	NODES= 664 665 725 724	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 1.052	-16.53 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -702.70	-848.11 -36.121				
TOP SX, SY, SKY, SZ= 11258.	2375.4	10.739	0.	SIG1, SIG2, SIG3= 11258.	2375.4 -0.34756E-07
S.I.= 11258.	SIGE= 10278.				
MID SX, SY, SKY, SZ= 14906.	6778.7	198.28	-500.00	SIG1, SIG2, SIG3= 14911.	6773.9 -500.00
S.I.= 15411.	SIGE= 13353.				
BOT SX, SY, SKY, SZ= 18555.	11182.	385.82	-1000.0	SIG1, SIG2, SIG3= 18575.	11162. -1000.0
S.I.= 19575.	SIGE= 17118.				
EL= 1141	NODES= 712 713 773 772	MAT= 1	AREA= 11.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -5.510	-15.50 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= 444.83	-511.53 -3.3028				
TOP SX, SY, SKY, SZ= 17277.	4688.8	76.342	0.	SIG1, SIG2, SIG3= 17277.	4688.3 -0.56E-07
S.I.= 17277.	SIGE= 15475.				
MID SX, SY, SKY, SZ= 14967.	7344.7	93.490	-500.00	SIG1, SIG2, SIG3= 14968.	7343.5 -500.00
S.I.= 15468.	SIGE= 13396.				
BOT SX, SY, SKY, SZ= 12657.	10001.	110.64	-1000.0	SIG1, SIG2, SIG3= 12662.	9998.0 -1000.0
S.I.= 13662.	SIGE= 12543.				
EL= 1142	NODES= 665 666 726 725	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.012	-16.44 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -599.49	-820.83 -35.957				
TOP SX, SY, SKY, SZ= 11783.	2449.9	8.6444	0.	SIG1, SIG2, SIG3= 11783.	2449.9 -0.36546E-07
S.I.= 11783.	SIGE= 10769.				
MID SX, SY, SKY, SZ= 14896.	6711.6	195.33	-500.00	SIG1, SIG2, SIG3= 14900.	6706.9 -500.00
S.I.= 15400.	SIGE= 13346.				
BOT SX, SY, SKY, SZ= 18008.	10973.	382.02	-1000.0	SIG1, SIG2, SIG3= 18029.	10953. -1000.0
S.I.= 19029.	SIGE= 16659.				
EL= 1143	NODES= 711 712 772 771	MAT= 1	AREA= 12.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -6.961	-14.90 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= 293.55	-551.47 5.9471				
TOP SX, SY, SKY, SZ= 16506.	4569.4	95.677	0.	SIG1, SIG2, SIG3= 16507.	4568.6 -0.46678E-07
S.I.= 16507.	SIGE= 14762.				
MID SX, SY, SKY, SZ= 14982.	7432.7	64.800	-500.00	SIG1, SIG2, SIG3= 14982.	7432.1 -500.00
S.I.= 15482.	SIGE= 13409.				
BOT SX, SY, SKY, SZ= 13458.	10296.	33.922	-1000.0	SIG1, SIG2, SIG3= 13458.	10296. -1000.0
S.I.= 14458.	SIGE= 13165.				
EL= 1144	NODES= 666 667 727 726	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 2.966	-16.30 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -508.28	-796.52 -33.833				
TOP SX, SY, SKY, SZ= 12246.	2507.9	15.474	0.	SIG1, SIG2, SIG3= 12246.	2507.9 -0.38111E-07
S.I.= 12246.	SIGE= 11204.				
MID SX, SY, SKY, SZ= 14885.	6643.4	191.13	-500.00	SIG1, SIG2, SIG3= 14889.	6639.0 -500.00
S.I.= 15389.	SIGE= 13339.				
BOT SX, SY, SKY, SZ= 17524.	10779.	366.79	-1000.0	SIG1, SIG2, SIG3= 17544.	10759. -1000.0
S.I.= 18544.	SIGE= 16251.				
EL= 1145	NODES= 710 711 771 770	MAT= 1	AREA= 13.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -8.487	-14.08 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= 141.96	-591.26 15.311				
TOP SX, SY, SKY, SZ= 15734.	4426.8	117.83	0.	SIG1, SIG2, SIG3= 15735.	4425.5 -0.4424E-07
S.I.= 15735.	SIGE= 14055.				
MID SX, SY, SKY, SZ= 14997.	7496.6	38.333	-500.00	SIG1, SIG2, SIG3= 14997.	7496.4 -500.00
S.I.= 15497.	SIGE= 13423.				
BOT SX, SY, SKY, SZ= 14260.	10566.	-41.163	-1000.0	SIG1, SIG2, SIG3= 14260.	10566. -1000.0
S.I.= 15260.	SIGE= 13789.				

EL= 1146	NODES= 667 668 728 727	MAT= 1	AREA= 7.38	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 3.404	-16.10 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -431.13	-775.51 -30.920				
TOP SX,SY,SKY,SZ= 12636.	2555.5 23.402 0.	SIG1,SIG2,SIG3= 12636.	2555.5	-39460E-07	
S.I.= 12636.	SIGE= 11572.				
MID SX,SY,SKY,SZ= 14878.	6582.0 183.94 -500.00	SIG1,SIG2,SIG3= 14878.	6577.9	-500.00	
S.I.= 15378.	SIGE= 13332.				
BOT SX,SY,SKY,SZ= 17113.	10608. 344.47 -1000.0	SIG1,SIG2,SIG3= 17131.	10590.	-1000.0	
S.I.= 18131.	SIGE= 15904.				
EL= 1147	NODES= 709 710 770 769	MAT= 1	AREA= 15.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.06	-12.99 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -4.2449	-629.16 22.670				
TOP SX,SY,SKY,SZ= 14986.	4255.4 130.70 0.	SIG1,SIG2,SIG3= 14988.	4253.8	-2033E-07	
S.I.= 14986.	SIGE= 13378.				
MID SX,SY,SKY,SZ= 15008.	7522.0 12.995 -500.00	SIG1,SIG2,SIG3= 15008.	7522.0	-500.00	
S.I.= 15508.	SIGE= 13433.				
BOT SX,SY,SKY,SZ= 15030.	10789. -104.71 -1000.0	SIG1,SIG2,SIG3= 15033.	10786.	-1000.0	
S.I.= 16033.	SIGE= 14387.				
EL= 1148	NODES= 668 669 729 728	MAT= 1	AREA= 7.38	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 4.840	-15.84 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -368.58	-758.04 -27.891				
TOP SX,SY,SKY,SZ= 12952.	2595.0 27.945 0.	SIG1,SIG2,SIG3= 12952.	2594.9	-40584E-07	
S.I.= 12952.	SIGE= 11869.				
MID SX,SY,SKY,SZ= 14865.	6530.7 172.76 -500.00	SIG1,SIG2,SIG3= 14869.	6527.1	-500.00	
S.I.= 15769.	SIGE= 13326.				
BOT SX,SY,SKY,SZ= 16779.	10466. 317.57 -1000.0	SIG1,SIG2,SIG3= 16795.	10451.	-1000.0	
S.I.= 17795.	SIGE= 15621.				
EL= 1149	NODES= 708 709 769 768	MAT= 1	AREA= 17.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -11.64	-11.59 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -138.30	-662.22 26.348				
TOP SX,SY,SKY,SZ= 14293.	4066.9 127.40 0.	SIG1,SIG2,SIG3= 14294.	4065.3	-39936E-07	
S.I.= 14294.	SIGE= 12757.				
MID SX,SY,SKY,SZ= 15011.	7505.1 -9.4032 -500.00	SIG1,SIG2,SIG3= 15011.	7505.1	-500.00	
S.I.= 15511.	SIGE= 13435.				
BOT SX,SY,SKY,SZ= 15729.	10943. -146.20 -1000.0	SIG1,SIG2,SIG3= 15733.	10939.	-1000.0	
S.I.= 16733.	SIGE= 14925.				
EL= 1150	NODES= 669 670 730 729	MAT= 1	AREA= 7.38	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 5.753	-15.53 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -320.59	-744.24 -25.060				
TOP SX,SY,SKY,SZ= 13193.	2627.2 27.172 0.	SIG1,SIG2,SIG3= 13193.	2627.1	-41459E-07	
S.I.= 13193.	SIGE= 12096.				
MID SX,SY,SKY,SZ= 14858.	6481.5 157.28 -500.00	SIG1,SIG2,SIG3= 14861.	6488.4	-500.00	
S.I.= 15361.	SIGE= 13321.				
BOT SX,SY,SKY,SZ= 16522.	10355. 287.40 -1000.0	SIG1,SIG2,SIG3= 16536.	10342.	-1000.0	
S.I.= 17536.	SIGE= 15403.				
EL= 1151	NODES= 707 708 768 767	MAT= 1	AREA= 18.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.15	-9.824 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -252.24	-686.60 25.200				
TOP SX,SY,SKY,SZ= 13691.	3887.5 105.75 0.	SIG1,SIG2,SIG3= 13692.	3886.3	-38450E-07	
S.I.= 13692.	SIGE= 12222.				
MID SX,SY,SKY,SZ= 15001.	7452.3 -25.086 -500.00	SIG1,SIG2,SIG3= 15001.	7452.2	-500.00	
S.I.= 15501.	SIGE= 13426.				
BOT SX,SY,SKY,SZ= 16510.	11017. -155.92 -1000.0	SIG1,SIG2,SIG3= 16515.	11015.	-1000.0	
S.I.= 17315.	SIGE= 15366.				
EL= 1152	NODES= 670 671 731 730	MAT= 1	AREA= 7.38	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 6.648	-5.17 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -286.89	-734.19 -22.505				



EL= 1153	NODES= 706 707 767 766	MAT= 1	AREA= 20.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -14.32	-7.647	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -337.89	-498.28	18.778				
TOP SX, SY, SKY, SZ= 13221.	3753.8	66.720	0.	SIG1, SIG2, SIG3= 13222.	3753.3	-.36967E-07
S.I.= 13222.	SIGE= 11802.					
MID SX, SY, SKY, SZ= 14976.	7379.3	-30.778	-500.00	SIG1, SIG2, SIG3= 14976.	7379.2	-500.00
S.I.= 14976.	SIGE= 13403.					
BOT SX, SY, SKY, SZ= 16730.	11002.	-128.28	-1000.0	SIG1, SIG2, SIG3= 16735.	11002.	-1000.0
S.I.= 17733.	SIGE= 15674.					
EL= 1154	NODES= 671 672 732 731	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 7.520	-13.76	18.26	PRESS= 1000.0	0.		
MX, MY, MXY= -267.20	-727.22	-20.154				
TOP SX, SY, SKY, SZ= 13463.	2671.2	9.9391	0.	SIG1, SIG2, SIG3= 13463.	2671.2	-.42329E-07
S.I.= 13463.	SIGE= 12394.					
MID SX, SY, SKY, SZ= 14850.	6448.9	114.58	-500.00	SIG1, SIG2, SIG3= 14852.	6448.9	-500.00
S.I.= 15352.	SIGE= 13315.					
BOT SX, SY, SKY, SZ= 16245.	10222.	219.22	-1000.0	SIG1, SIG2, SIG3= 16245.	10222.	-1000.0
S.I.= 17245.	SIGE= 15159.					
EL= 1155	NODES= 705 706 766 765	MAT= 1	AREA= 22.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -15.60	-5.031	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -388.50	-693.83	7.7360				
TOP SX, SY, SKY, SZ= 12920.	3705.6	13.392	0.	SIG1, SIG2, SIG3= 12920.	3705.6	-.36009E-07
S.I.= 12920.	SIGE= 11523.					
MID SX, SY, SKY, SZ= 14937.	7307.9	-26.773	-500.00	SIG1, SIG2, SIG3= 14937.	7307.9	-500.00
S.I.= 12937.	SIGE= 13349.					
BOT SX, SY, SKY, SZ= 16954.	10910.	-66.938	-1000.0	SIG1, SIG2, SIG3= 16955.	10910.	-1000.0
S.I.= 17955.	SIGE= 15823.					
EL= 1156	NODES= 672 673 733 732	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 8.366	-14.30	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -261.25	-725.44	-17.846				
TOP SX, SY, SKY, SZ= 13494.	2682.9	-4.0276	0.	SIG1, SIG2, SIG3= 13494.	2682.9	-.42426E-07
S.I.= 13494.	SIGE= 12372.					
MID SX, SY, SKY, SZ= 14850.	6448.5	88.631	-500.00	SIG1, SIG2, SIG3= 14851.	6448.5	-500.00
S.I.= 15351.	SIGE= 13314.					
BOT SX, SY, SKY, SZ= 16207.	10210.	181.29	-1000.0	SIG1, SIG2, SIG3= 16212.	10210.	-1000.0
S.I.= 17212.	SIGE= 15132.					
EL= 1157	NODES= 704 705 765 764	MAT= 1	AREA= 25.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -16.26	-1.976	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -400.21	-671.52	-5.7170				
TOP SX, SY, SKY, SZ= 12812.	3773.1	-48.349	0.	SIG1, SIG2, SIG3= 12812.	3773.1	-.35367E-07
S.I.= 12812.	SIGE= 11404.					
MID SX, SY, SKY, SZ= 14890.	7259.9	-18.666	-500.00	SIG1, SIG2, SIG3= 14890.	7259.9	-500.00
S.I.= 15390.	SIGE= 13328.					
BOT SX, SY, SKY, SZ= 16968.	10746.	11.016	-1000.0	SIG1, SIG2, SIG3= 16968.	10746.	-1000.0
S.I.= 17968.	SIGE= 15804.					
EL= 1158	NODES= 673 674 734 733	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 9.184	-13.79	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -268.86	-726.76	-15.374				
TOP SX, SY, SKY, SZ= 13457.	2687.8	-19.066	0.	SIG1, SIG2, SIG3= 13457.	2687.8	-.42191E-07
S.I.= 13457.	SIGE= 12335.					
MID SX, SY, SKY, SZ= 14853.	6460.7	60.755	-500.00	SIG1, SIG2, SIG3= 14853.	6460.7	-500.00
S.I.= 15353.	SIGE= 13316.					



EL= 1150 NODES= 704 704 704 703 MAT= 1 AREA= 27.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -16.30 1.469 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -371.63 -632.94 -18.734									
TOP SX,SY,SXY,SZ= 12914. 3960.6 -108.15 0. SIG1,SIG2,SIG3= 12915. 3959.3 -.35052E-07									
S.I.= 12915. SIGE= 11461.									
MID SX,SY,SXY,SZ= 14844. 7246.9 -14.255 -500.00 SIG1,SIG2,SIG3= 14844. 7246.8 -500.00									
S.I.= 15344. SIGE= 13288.									
BOT SX,SY,SXY,SZ= 16773. 10533. 79.638 -1000.0 SIG1,SIG2,SIG3= 16774. 10532. -1000.0									
S.I.= 17774. SIGE= 15618.									
EL= 1160 NODES= 674 675 735 734 MAT= 1 AREA= 7.38 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 9.977 -13.23 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -289.92 -731.83 -12.517									
TOP SX,SY,SXY,SZ= 13353. 2686.0 -33.095 0. SIG1,SIG2,SIG3= 13353. 2685.9 -.41866E-07									
S.I.= 13353. SIGE= 12233.									
MID SX,SY,SXY,SZ= 14858. 6485.7 31.893 -500.00 SIG1,SIG2,SIG3= 14858. 6485.5 -500.00									
S.I.= 15358. SIGE= 13319.									
BOT SX,SY,SXY,SZ= 16364. 10285. 96.880 -1000.0 SIG1,SIG2,SIG3= 16365. 10284. -1000.0									
S.I.= 17365. SIGE= 15262.									
EL= 1161 NODES= 702 703 763 762 MAT= 1 AREA= 30.7 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -15.50 5.181 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -298.94 -583.15 -25.878									
TOP SX,SY,SXY,SZ= 13255. 4233.0 -149.27 0. SIG1,SIG2,SIG3= 13257. 4230.5 -.35364E-07									
S.I.= 13257. SIGE= 11729.									
MID SX,SY,SXY,SZ= 14807. 7260.7 -14.908 -500.00 SIG1,SIG2,SIG3= 14807. 7260.7 -500.00									
S.I.= 15307. SIGE= 13256.									
BOT SX,SY,SXY,SZ= 16359. 10288. 119.45 -1000.0 SIG1,SIG2,SIG3= 16361. 10286. -1000.0									
S.I.= 17361. SIGE= 15259.									
EL= 1162 NODES= 675 676 736 735 MAT= 1 AREA= 7.38 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 10.72 -12.63 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -324.35 -740.62 -9.0760									
TOP SX,SY,SXY,SZ= 13182. 2677.4 -44.150 0. SIG1,SIG2,SIG3= 13182. 2677.2 -.41166E-07									
S.I.= 13182. SIGE= 12069.									
MID SX,SY,SXY,SZ= 14866. 6522.7 2.9723 -500.00 SIG1,SIG2,SIG3= 14866. 6522.7 -500.00									
S.I.= 15366. SIGE= 13324.									
BOT SX,SY,SXY,SZ= 16550. 10368. 50.095 -1000.0 SIG1,SIG2,SIG3= 16551. 10368. -1000.0									
S.I.= 17551. SIGE= 15419.									
EL= 1163 NODES= 701 702 762 761 MAT= 1 AREA= 33.9 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= -13.65 8.935 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -163.23 -519.64 -24.958									
TOP SX,SY,SXY,SZ= 13933. 4566.3 -141.82 0. SIG1,SIG2,SIG3= 13935. 4564.1 -.36679E-07									
S.I.= 13935. SIGE= 12305.									
MID SX,SY,SXY,SZ= 14780. 7264.3 -12.242 -500.00 SIG1,SIG2,SIG3= 14781. 7264.2 -500.00									
S.I.= 15281. SIGE= 13234.									
BOT SX,SY,SXY,SZ= 15628. 9962.2 117.34 -1000.0 SIG1,SIG2,SIG3= 15630. 9959.8 -1000.0									
S.I.= 16630. SIGE= 14643.									
EL= 1164 NODES= 676 677 737 736 MAT= 1 AREA= 7.38 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									
XC,YC,ZC= 11.44 -11.98 18.06 PRESS= 1000.0 0.									
MX,MY,MXY= -372.17 -753.07 -4.9077									
TOP SX,SY,SXY,SZ= 12944. 2662.2 -50.647 0. SIG1,SIG2,SIG3= 12945. 2661.9 -.40331E-07									
S.I.= 12945. SIGE= 11840.									
MID SX,SY,SXY,SZ= 14877. 6572.1 -25.166 -500.00 SIG1,SIG2,SIG3= 14877. 6572.0 -500.00									
S.I.= 15377. SIGE= 13331.									
BOT SX,SY,SXY,SZ= 16809. 10482. 31524 -1000.0 SIG1,SIG2,SIG3= 16809. 10482. -1000.0									
S.I.= 17809. SIGE= 15637.									
EL= 1165 NODES= 700 701 761 760 MAT= 1 AREA= 37.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63									

EL= 1165	NODES= 677 678 738 737	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 12.12	-11.30	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -413.44	-769.08	3.2858E-01				
TOP SX, SY, SKY, SZ= 15237.	5093.9	-73.313	0.	SIG1, SIG2, SIG3= 15237.	5093.3	-.39287E-07
S.I.= 15237.	SIGE= 13435.					
MID SX, SY, SKY, SZ= 14759.	7206.7	-5.6102	-500.00	SIG1, SIG2, SIG3= 14759.	7206.7	-500.00
S.I.= 15259.	SIGE= 13215.					
BOT SX, SY, SKY, SZ= 14282.	9319.6	62.092	-1000.0	SIG1, SIG2, SIG3= 14283.	9319.3	-1000.0
S.I.= 15283.	SIGE= 13503.					
EL= 1166	NODES= 699 700 760 759	MAT= 1	AREA= 37.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 12.12	-11.30	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -413.44	-769.08	3.2858E-01				
TOP SX, SY, SKY, SZ= 12638.	2640.3	-51.684	0.	SIG1, SIG2, SIG3= 12639.	2640.0	-.39198E-07
S.I.= 12639.	SIGE= 11547.					
MID SX, SY, SKY, SZ= 14889.	6633.3	-51.854	-500.00	SIG1, SIG2, SIG3= 14889.	6633.0	-500.00
S.I.= 15389.	SIGE= 15339.					
BOT SX, SY, SKY, SZ= 17139.	10626.	-52.025	-1000.0	SIG1, SIG2, SIG3= 17140.	10626.	-1000.0
S.I.= 18140.	SIGE= 15916.					
EL= 1167	NODES= 699 700 760 759	MAT= 1	AREA= 37.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -6.484	14.93	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= 82.472	-412.57	3.1417				
TOP SX, SY, SKY, SZ= 15199.	4946.7	22.361	0.	SIG1, SIG2, SIG3= 15199.	4946.6	-.40120E-07
S.I.= 15199.	SIGE= 13427.					
MID SX, SY, SKY, SZ= 14771.	7088.7	6.0487	-500.00	SIG1, SIG2, SIG3= 14771.	7088.7	-500.00
S.I.= 15271.	SIGE= 13225.					
BOT SX, SY, SKY, SZ= 14342.	9230.8	-10.263	-1000.0	SIG1, SIG2, SIG3= 14342.	9230.8	-1000.0
S.I.= 15342.	SIGE= 13531.					
EL= 1168	NODES= 678 679 739 738	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 12.76	-10.57	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -508.19	-788.53	5.6329				
TOP SX, SY, SKY, SZ= 12264.	2611.5	-47.469	0.	SIG1, SIG2, SIG3= 12264.	2611.3	-.37841E-07
S.I.= 12264.	SIGE= 11189.					
MID SX, SY, SKY, SZ= 14902.	6704.8	-76.713	-500.00	SIG1, SIG2, SIG3= 14903.	6704.8	-500.00
S.I.= 15403.	SIGE= 13349.					
BOT SX, SY, SKY, SZ= 17541.	10798.	-105.96	-1000.0	SIG1, SIG2, SIG3= 17543.	10798.	-1000.0
S.I.= 18543.	SIGE= 16256.					
EL= 1169	NODES= 698 699 759 758	MAT= 1	AREA= 33.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -2.048	16.18	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -173.89	-531.17	11.973				
TOP SX, SY, SKY, SZ= 13901.	4201.0	99.805	0.	SIG1, SIG2, SIG3= 13901.	4201.0	-.37952E-07
S.I.= 13901.	SIGE= 12349.					
MID SX, SY, SKY, SZ= 14803.	6959.7	37.640	-500.00	SIG1, SIG2, SIG3= 14803.	6959.7	-500.00
S.I.= 15303.	SIGE= 13255.					
BOT SX, SY, SKY, SZ= 15706.	9717.6	-24.525	-1000.0	SIG1, SIG2, SIG3= 15706.	9717.6	-1000.0
S.I.= 16706.	SIGE= 14660.					
EL= 1170	NODES= 679 680 740 739	MAT= 1	AREA= 7.38	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 13.35	-9.810	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -596.26	-811.25	11.536				
TOP SX, SY, SKY, SZ= 11821.	2574.9	-39.937	0.	SIG1, SIG2, SIG3= 11821.	2574.9	-.36244E-07
S.I.= 11821.	SIGE= 10767.					
MID SX, SY, SKY, SZ= 14917.	6785.9	-99.801	-500.00	SIG1, SIG2, SIG3= 14918.	6785.9	-500.00
S.I.= 15418.	SIGE= 13359.					
BOT SX, SY, SKY, SZ= 18013.	10995.	-159.70	-1000.0	SIG1, SIG2, SIG3= 18016.	10995.	-1000.0
S.I.= 19016.	SIGE= 16655.					
EL= 1171	NODES= 697 698 758 757	MAT= 1	AREA= 30.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 2.137	16.20	18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -281.16	-590.24	13.144				
TOP SX, SY, SKY, SZ= 13360.	3813.9	133.52	0.	SIG1, SIG2, SIG3= 13362.	3813.9	-.37379E-07
S.I.= 13362.	SIGE= 11922.					

EL= 1172	NODES= 680 681 741 740	MAT= 1	AREA= 7.38	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.90	-9.017 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -696.90	-836.96 17.019				
TOP SX, SY, SKY, SZ= 11313.	2528.9	-33.403	0.	SIG1, SIG2, SIG3= 11313.	2528.7 -0.34405E-07
S.I.= 11313.	SIGE= 10285.				
MID SX, SY, SKY, SZ= 14932.	6874.4	-121.76	-500.00	SIG1, SIG2, SIG3= 14933.	6872.5 -500.00
S.I.= 15433.	SIGE= 13370.				
BOT SX, SY, SKY, SZ= 18550.	11220.	-210.12	-1000.0	SIG1, SIG2, SIG3= 18556.	11214. -1000.0
S.I.= 19556.	SIGE= 17110.				
EL= 1173	NODES= 696 697 757 756	MAT= 1	AREA= 27.8	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.824	15.29 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -314.64	-629.03 12.025				
TOP SX, SY, SKY, SZ= 13202.	3634.4	130.31	0.	SIG1, SIG2, SIG3= 13203.	3632.6 -0.37474E-07
S.I.= 13203.	SIGE= 11814.				
MID SX, SY, SKY, SZ= 14835.	6900.3	67.872	-500.00	SIG1, SIG2, SIG3= 14876.	6899.7 -500.00
S.I.= 15336.	SIGE= 13284.				
BOT SX, SY, SKY, SZ= 16469.	10166.	5.4363	-1000.0	SIG1, SIG2, SIG3= 16469.	10166. -1000.0
S.I.= 17469.	SIGE= 15323.				
EL= 1174	NODES= 681 682 742 741	MAT= 1	AREA= 7.38	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.40	-8.193 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -807.89	-865.31 20.857				
TOP SX, SY, SKY, SZ= 10750.	2467.2	-35.644	0.	SIG1, SIG2, SIG3= 10751.	2467.1 -0.32426E-07
S.I.= 10751.	SIGE= 9753.9				
MID SX, SY, SKY, SZ= 14945.	6959.9	-143.93	-500.00	SIG1, SIG2, SIG3= 14948.	6957.3 -500.00
S.I.= 15448.	SIGE= 13381.				
BOT SX, SY, SKY, SZ= 19140.	11453.	-252.22	-1000.0	SIG1, SIG2, SIG3= 19148.	11444. -1000.0
S.I.= 20148.	SIGE= 17609.				
EL= 1175	NODES= 695 696 756 755	MAT= 1	AREA= 25.2	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -315.51	-656.27 10.538				
TOP SX, SY, SKY, SZ= 13222.	3614.0	102.90	0.	SIG1, SIG2, SIG3= 13223.	3612.9 -0.37673E-07
S.I.= 13223.	SIGE= 11838.				
MID SX, SY, SKY, SZ= 14860.	7021.4	48.185	-500.00	SIG1, SIG2, SIG3= 14831.	7021.1 -500.00
S.I.= 15361.	SIGE= 13304.				
BOT SX, SY, SKY, SZ= 16498.	10429.	-6.5264	-1000.0	SIG1, SIG2, SIG3= 16498.	10429. -1000.0
S.I.= 17498.	SIGE= 15389.				
EL= 1176	NODES= 682 683 743 742	MAT= 1	AREA= 7.38	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.85	-7.341 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -923.78	-896.03 21.341				
TOP SX, SY, SKY, SZ= 10159.	2374.3	-56.552	0.	SIG1, SIG2, SIG3= 10160.	2373.9 -0.30427E-07
S.I.= 10160.	SIGE= 9205.3				
MID SX, SY, SKY, SZ= 14956.	7026.5	-167.35	-500.00	SIG1, SIG2, SIG3= 14959.	7023.0 -500.00
S.I.= 15459.	SIGE= 13390.				
BOT SX, SY, SKY, SZ= 19752.	11679.	-278.15	-1000.0	SIG1, SIG2, SIG3= 19781.	11669. -1000.0
S.I.= 20761.	SIGE= 18125.				
EL= 1177	NODES= 694 695 755 754	MAT= 1	AREA= 22.8	TTOP, TBT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.82 18.06	PRESS= 1000.0	0.		
MX, MY, MXY= -298.68	-671.35 8.2034				
TOP SX, SY, SKY, SZ= 13345.	3719.7	56.129	0.	SIG1, SIG2, SIG3= 13345.	3719.4 -0.37643E-07
S.I.= 13345.	SIGE= 11928.				
MID SX, SY, SKY, SZ= 14895.	7205.4	13.537	-500.00	SIG1, SIG2, SIG3= 14895.	7205.3 -500.00
S.I.= 15395.	SIGE= 13333.				
BOT SX, SY, SKY, SZ= 16446.	10691.	-29.055	-1000.0	SIG1, SIG2, SIG3= 16446.	10691. -1000.0
S.I.= 17446.	SIGE= 15398.				



EL= 1178	NODES= 693 694 754 753	MAT= 1	AREA= 20.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 13.24	9.695 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -264.83	-674.22 5.6041				
TOP SX,SY,SKY,SZ=	13559. 3903.7	-32766	0.	SIG1,SIG2,SIG3=	13559. 3903.7 -3.37886E-07
S.I.=	13559. SIGE=	12089.			
MID SX,SY,SKY,SZ=	14934. 7404.1	-29.424	-500.00	SIG1,SIG2,SIG3=	14934. 7404.1 -500.00
S.I.=	15434. SIGE=	13367.			
BOT SX,SY,SKY,SZ=	16309. 10904.	-58.521	-1000.0	SIG1,SIG2,SIG3=	16309. 10904. -1000.0
S.I.=	1730. SIGE=	15338.			
EL= 1179	NODES= 683 684 744 743	MAT= 1	AREA= 7.38	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.25	-6.454 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -1032.1	-929.39 16.616				
TOP SX,SY,SKY,SZ=	9601.6 2209.5	-99.925	0.	SIG1,SIG2,SIG3=	9602.9 2208.1 -2.28927E-07
S.I.=	9602.9 SIGE=	8711.3			
MID SX,SY,SKY,SZ=	14960. 7030.5	-186.20	-500.00	SIG1,SIG2,SIG3=	14965. 7030.5 -500.00
S.I.=	15465. SIGE=	13394.			
BOT SX,SY,SKY,SZ=	20319. 11851.	-272.47	-1000.0	SIG1,SIG2,SIG3=	20328. 11851. -1000.0
S.I.=	21328. SIGE=	18600.			
EL= 1180	NODES= 684 685 745 744	MAT= 1	AREA= 7.32	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.55	-5.554 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= -230.42	-690.37 12.236				
TOP SX,SY,SKY,SZ=	13700. 3658.3	-131.84	0.	SIG1,SIG2,SIG3=	13701. 3656.6 -3.39375E-07
S.I.=	13701. SIGE=	12288.			
MID SX,SY,SKY,SZ=	14896. 7237.7	-195.38	-500.00	SIG1,SIG2,SIG3=	14901. 7237.7 -500.00
S.I.=	15401. SIGE=	13338.			
BOT SX,SY,SKY,SZ=	16092. 10814.	-258.92	-1000.0	SIG1,SIG2,SIG3=	16105. 10814. -1000.0
S.I.=	17105. SIGE=	15168.			
EL= 1181	NODES= 685 686 746 745	MAT= 1	AREA= 9.37	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.82	-4.498 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= 601.20	-444.58 14.158				
TOP SX,SY,SKY,SZ=	18114. 5172.8	-129.62	0.	SIG1,SIG2,SIG3=	18115. 5171.5 -5.50774E-07
S.I.=	18115. SIGE=	16162.			
MID SX,SY,SKY,SZ=	14992. 7485.9	-203.13	-500.00	SIG1,SIG2,SIG3=	14998. 7485.9 -500.00
S.I.=	15498. SIGE=	13423.			
BOT SX,SY,SKY,SZ=	11871. 9773.6	-276.64	-1000.0	SIG1,SIG2,SIG3=	11907. 9773.6 -1000.0
S.I.=	12907. SIGE=	11984.			
EL= 1182	NODES= 686 687 747 746	MAT= 1	AREA= 10.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.13	-3.246 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= 479.12	-486.41 17.373				
TOP SX,SY,SKY,SZ=	17479. 4982.4	-98.432	0.	SIG1,SIG2,SIG3=	17480. 4981.6 -4.48903E-07
S.I.=	17480. SIGE=	15598.			
MID SX,SY,SKY,SZ=	14992. 7503.1	-188.63	-500.00	SIG1,SIG2,SIG3=	14997. 7503.1 -500.00
S.I.=	15497. SIGE=	13423.			
BOT SX,SY,SKY,SZ=	12504. 10002.	-278.83	-1000.0	SIG1,SIG2,SIG3=	12535. 10002. -1000.0
S.I.=	13535. SIGE=	12463.			
EL= 1183	NODES= 687 688 748 747	MAT= 1	AREA= 11.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.34	-1.840 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= 343.42	-523.09 16.343				
TOP SX,SY,SKY,SZ=	16781. 4884.1	-93.473	0.	SIG1,SIG2,SIG3=	16782. 4884.1 -4.4622E-07
S.I.=	16782. SIGE=	14951.			
MID SX,SY,SKY,SZ=	14998. 7596.4	-178.32	-500.00	SIG1,SIG2,SIG3=	15002. 7596.4 -500.00
S.I.=	15502. SIGE=	13430.			
BOT SX,SY,SKY,SZ=	13215. 10293.	-263.78	-1000.0	SIG1,SIG2,SIG3=	13239. 10293. -1000.0
S.I.=	14239. SIGE=	13018.			
EL= 1184	NODES= 688 689 749 748	MAT= 1	AREA= 12.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 16.44	-2.740 18.06	PRESS= 1000.0	0.		
MX,MY,MXY= 207.83	-558.25 12.760				



TOP SX,SY,SXY,SZ=	16084.	4794.0	-105.66	0.	SIG1,SIG2,SIG3=	16085.	4793.0	-.44142E-07				
S.I.=	16085.	SIGE=	14304.									
MID SX,SY,SXY,SZ=	15005.	7692.4	-171.91	-500.00	SIG1,SIG2,SIG3=	15009.	7688.4	-500.00				
S.I.=	15509.	SIGE=	13438.									
BOT SX,SY,SXY,SZ=	13926.	10591.	-238.15	-1000.0	SIG1,SIG2,SIG3=	13943.	10574.	-1000.0				
S.I.=	14943.	SIGE=	13575.									
EL= 1185	NODES=	689	690	750	749	MAT= 1	AREA= 13.9	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	16.37	1.457	18.06		PRESS=	1000.0	0.					
MX,MY,MXY=	79.504	-591.21	8.5332									
TOP SX,SY,SXY,SZ=	15421.	4678.1	-117.60	0.	SIG1,SIG2,SIG3=	15423.	4676.8	-.41967E-07				
S.I.=	15423.	SIGE=	13697.									
MID SX,SY,SXY,SZ=	15008.	7750.8	-161.91	-500.00	SIG1,SIG2,SIG3=	15012.	7747.2	-500.00				
S.I.=	15512.	SIGE=	13443.									
BOT SX,SY,SXY,SZ=	14596.	10823.	-206.21	-1000.0	SIG1,SIG2,SIG3=	14607.	10812.	-1000.0				
S.I.=	15607.	SIGE=	14098.									
EL= 1186	NODES=	690	691	751	750	MAT= 1	AREA= 15.4	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	16.09	3.347	18.06		PRESS=	1000.0	0.					
MX,MY,MXY=	-36.009	-622.38	5.1725									
TOP SX,SY,SXY,SZ=	14818.	4524.9	-116.22	0.	SIG1,SIG2,SIG3=	14820.	4523.6	-.40247E-07				
S.I.=	14820.	SIGE=	13155.									
MID SX,SY,SXY,SZ=	15005.	7756.3	-143.08	-500.00	SIG1,SIG2,SIG3=	15008.	7753.5	-500.00				
S.I.=	15508.	SIGE=	13440.									
BOT SX,SY,SXY,SZ=	15192.	10988.	-169.93	-1000.0	SIG1,SIG2,SIG3=	15199.	10981.	-1000.0				
S.I.=	16199.	SIGE=	14556.									
EL= 1187	NODES=	691	692	752	751	MAT= 1	AREA= 17.0	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	15.52	5.379	18.06		PRESS=	1000.0	0.					
MX,MY,MXY=	-133.87	-647.86	3.5222									
TOP SX,SY,SXY,SZ=	14297.	4335.0	-94.982	0.	SIG1,SIG2,SIG3=	14298.	4334.1	-.38984E-07				
S.I.=	14298.	SIGE=	12698.									
MID SX,SY,SXY,SZ=	14992.	7698.7	-113.27	-500.00	SIG1,SIG2,SIG3=	14994.	7696.9	-500.00				
S.I.=	15494.	SIGE=	13426.									
BOT SX,SY,SXY,SZ=	15687.	11062.	-131.56	-1000.0	SIG1,SIG2,SIG3=	15691.	11059.	-1000.0				
S.I.=	16691.	SIGE=	14924.									
EL= 1188	NODES=	692	693	753	752	MAT= 1	AREA= 18.7	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	14.60	7.516	18.06		PRESS=	1000.0	0.					
MX,MY,MXY=	-210.53	-665.85	3.7804									
TOP SX,SY,SXY,SZ=	13875.	4120.3	-54.237	0.	SIG1,SIG2,SIG3=	13875.	4120.0	-.38153E-07				
S.I.=	13875.	SIGE=	12342.									
MID SX,SY,SXY,SZ=	14968.	7577.4	-73.865	-500.00	SIG1,SIG2,SIG3=	14968.	7576.7	-500.00				
S.I.=	15468.	SIGE=	13400.									
BOT SX,SY,SXY,SZ=	16061.	11035.	-93.493	-1000.0	SIG1,SIG2,SIG3=	16063.	11033.	-1000.0				
S.I.=	17063.	SIGE=	15186.									
EL= 1189	NODES=	721	722	782	781	MAT= 1	AREA= 10.4	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	-1.825	-16.41	27.29		PRESS=	1000.0	0.					
MX,MY,MXY=	211.92	668.10	-86.057									
TOP SX,SY,SXY,SZ=	17769.	10302.	-30.613	0.	SIG1,SIG2,SIG3=	17769.	10302.	-.29165E-07				
S.I.=	17769.	SIGE=	15454.									
MID SX,SY,SXY,SZ=	16569.	6835.1	416.19	-500.00	SIG1,SIG2,SIG3=	16686.	6815.5	-500.00				
S.I.=	17186.	SIGE=	14939.									
BOT SX,SY,SXY,SZ=	15569.	3364.4	863.00	-1000.0	SIG1,SIG2,SIG3=	15629.	3303.6	-1000.0				
S.I.=	16629.	SIGE=	14950.									
EL= 1190	NODES=	722	723	783	782	MAT= 1	AREA= 10.4	TTOP,TBOT=	0.0	0.0	QUAD SHELL	63
XC,YC,ZC=	-8.762	-16.54	27.29		PRESS=	1000.0	0.					
MX,MY,MXY=	-547.00	420.80	-81.953									
TOP SX,SY,SXY,SZ=	14019.	9225.6	-43.107	0.	SIG1,SIG2,SIG3=	14019.	9225.2	-.18727E-07				
S.I.=	14019.	SIGE=	12342.									
MID SX,SY,SXY,SZ=	16859.	7040.8	382.39	-500.00	SIG1,SIG2,SIG3=	16874.	7025.9	-500.00				
S.I.=	17374.	SIGE=	15091.									

BOT SX,SY,SXY,SZ= 19699. 4856.0 807.89 -1000.0		SIG1,SIG2,SIG3= 19743. 4812.2 -1000.0	
S.I.= 20743. SIGE= 18534.			
EL= 1121 NODES= 774 721 781 834 MAT= 1 AREA= 13.3 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= -2.894 -16.19 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= 1022.1 933.10 -69.298			
TOP SX,SY,SXY,SZ= 22010. 11585. -38.531 0.		SIG1,SIG2,SIG3= 22010. 11585. -40662E-07	
S.I.= 22010. SIGE= 19070.			
MID SX,SY,SXY,SZ= 10703. 6740.1 521.26 -500.00		SIG1,SIG2,SIG3= 16714. 6729.8 -500.00	
S.I.= 12214. SIGE= 14971.			
BOT SX,SY,SXY,SZ= 11397. 1895.5 681.06 -1000.0		SIG1,SIG2,SIG3= 11445. 1846.9 -1000.0	
S.I.= 12445. SIGE= 11294.			
EL= 1192 NODES= 723 724 784 783 MAT= 1 AREA= 10.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= .8805E-01 -16.57 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= -359.12 462.38 -72.279			
TOP SX,SY,SXY,SZ= 14955. 9319.6 -21.183 0.		SIG1,SIG2,SIG3= 14955. 9319.5 -22102E-07	
S.I.= 14955. SIGE= 13082.			
MID SX,SY,SXY,SZ= 16819. 6918.9 354.09 -500.00		SIG1,SIG2,SIG3= 16832. 6906.2 -500.00	
S.I.= 17332. SIGE= 15063.			
BOT SX,SY,SXY,SZ= 18684. 4518.2 729.36 -1000.0		SIG1,SIG2,SIG3= 18721. 4480.7 -1000.0	
S.I.= 19721. SIGE= 17632.			
EL= 1193 NODES= 773 774 834 833 MAT= 1 AREA= 14.6 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= -4.152 -15.92 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= 846.15 900.11 -45.549			
TOP SX,SY,SXY,SZ= 21146. 11602. 22.438 0.		SIG1,SIG2,SIG3= 21146. 11602. -37262E-07	
S.I.= 21146. SIGE= 18342.			
MID SX,SY,SXY,SZ= 16752. 6929.0 258.93 -500.00		SIG1,SIG2,SIG3= 16759. 6929.2 -500.00	
S.I.= 17259. SIGE= 14996.			
BOT SX,SY,SXY,SZ= 12359. 2255.7 495.42 -1000.0		SIG1,SIG2,SIG3= 12384. 2231.4 -1000.0	
S.I.= 13384. SIGE= 12096.			
EL= 1194 NODES= 724 725 785 784 MAT= 1 AREA= 10.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= 1.052 -16.53 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= -216.84 497.87 -60.029			
TOP SX,SY,SXY,SZ= 15663. 9432.2 31.473 0.		SIG1,SIG2,SIG3= 15663. 9432.1 -24373E-07	
S.I.= 15663. SIGE= 13659.			
MID SX,SY,SXY,SZ= 16789. 6847.3 343.14 -500.00		SIG1,SIG2,SIG3= 16800. 6635.5 -500.00	
S.I.= 17300. SIGE= 15040.			
BOT SX,SY,SXY,SZ= 17914. 4262.4 654.81 -1000.0		SIG1,SIG2,SIG3= 17946. 4231.0 -1000.0	
S.I.= 18946. SIGE= 16947.			
EL= 1195 NODES= 772 773 833 832 MAT= 1 AREA= 16.2 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= -5.510 -15.50 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= 700.35 865.58 -18.410			
TOP SX,SY,SXY,SZ= 20426. 11531. 106.51 0.		SIG1,SIG2,SIG3= 20427. 11530. -34832E-07	
S.I.= 20427. SIGE= 17739.			
MID SX,SY,SXY,SZ= 16790. 7037.2 202.09 -500.00		SIG1,SIG2,SIG3= 16794. 7033.0 -500.00	
S.I.= 17294. SIGE= 15018.			
BOT SX,SY,SXY,SZ= 13153. 2543.1 297.68 -1000.0		SIG1,SIG2,SIG3= 13162. 2534.7 -1000.0	
S.I.= 14162. SIGE= 12767.			
EL= 1196 NODES= 725 726 786 785 MAT= 1 AREA= 10.4 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			
XC,YC,ZC= 2.012 -16.44 27.29		PRESS= 1000.0 0.	
MX,MY,MXY= -108.28 527.22 -48.515			
TOP SX,SY,SXY,SZ= 16202. 9543.1 79.229 0.		SIG1,SIG2,SIG3= 16203. 9542.2 -26132E-07	
S.I.= 16203. SIGE= 14106.			
MID SX,SY,SXY,SZ= 16754. 6805.8 331.12 -500.00		SIG1,SIG2,SIG3= 16775. 6794.8 -500.00	
S.I.= 17275. SIGE= 15021.			
BOT SX,SY,SXY,SZ= 17326. 4068.4 583.01 -1000.0		SIG1,SIG2,SIG3= 17352. 4042.8 -1000.0	
S.I.= 18352. SIGE= 16422.			
EL= 1197 NODES= 771 772 832 831 MAT= 1 AREA= 17.8 TTOP,TBOT= 0.0 0.0 QUAD SHELL 63			

EL= 1178	NODES= 726 727 787 786	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 2.266	-16.30	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= -24.943	551.11	-38.863				
TOP SX, SY, SKY, SZ= 16615.	9644.7	111.57	0.	SIG1, SIG2, SIG3= 16616.	9642.9	-.27270E-07
S.I.= 16616.	SIGE= 14452.					
MID SX, SY, SKY, SZ= 16744.	6783.3	313.35	-500.00	SIG1, SIG2, SIG3= 16754.	6773.5	-500.00
S.I.= 17254.	SIGE= 15003.					
BOT SX, SY, SKY, SZ= 16874.	3922.0	515.13	-1000.0	SIG1, SIG2, SIG3= 16894.	3901.5	-1000.0
S.I.= 17894.	SIGE= 16016.					
EL= 1199	NODES= 770 771 831 830	MAT= 1	AREA= 19.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -8.487	-14.08	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 456.38	789.37	28.978				
TOP SX, SY, SKY, SZ= 19205.	11273.	197.78	0.	SIG1, SIG2, SIG3= 19210.	11268.	-.30976E-07
S.I.= 19210.	SIGE= 16719.					
MID SX, SY, SKY, SZ= 16835.	7174.2	47.321	-500.00	SIG1, SIG2, SIG3= 16835.	7174.0	-500.00
S.I.= 17335.	SIGE= 15046.					
BOT SX, SY, SKY, SZ= 14466.	3075.8	-103.13	-1000.0	SIG1, SIG2, SIG3= 14467.	3074.8	-1000.0
S.I.= 15467.	SIGE= 13885.					
EL= 1200	NODES= 727 728 788 787	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 3.209	-16.10	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 39.024	570.26	-31.264				
TOP SX, SY, SKY, SZ= 16931.	9734.8	126.53	0.	SIG1, SIG2, SIG3= 16933.	9732.6	-.28150E-07
S.I.= 16933.	SIGE= 14719.					
MID SX, SY, SKY, SZ= 16728.	6774.0	288.85	-500.00	SIG1, SIG2, SIG3= 16736.	6765.6	-500.00
S.I.= 17236.	SIGE= 14988.					
BOT SX, SY, SKY, SZ= 16525.	3813.2	451.17	-1000.0	SIG1, SIG2, SIG3= 16541.	3797.2	-1000.0
S.I.= 17541.	SIGE= 15702.					
EL= 1201	NODES= 769 770 830 829	MAT= 1	AREA= 21.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -10.06	-12.99	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 349.26	747.29	44.690				
TOP SX, SY, SKY, SZ= 18651.	11100.	185.77	0.	SIG1, SIG2, SIG3= 18655.	11095.	-.29618E-07
S.I.= 18655.	SIGE= 16252.					
MID SX, SY, SKY, SZ= 16837.	7219.7	-46.262	-500.00	SIG1, SIG2, SIG3= 16838.	7219.5	-500.00
S.I.= 17338.	SIGE= 15045.					
BOT SX, SY, SKY, SZ= 15024.	3339.8	-278.29	-1000.0	SIG1, SIG2, SIG3= 15031.	3333.2	-1000.0
S.I.= 16031.	SIGE= 14363.					
EL= 1202	NODES= 728 729 789 788	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= 4.840	-15.84	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 87.503	585.29	-25.543				
TOP SX, SY, SKY, SZ= 17170.	9812.9	125.24	0.	SIG1, SIG2, SIG3= 17172.	9810.8	-.28791E-07
S.I.= 17172.	SIGE= 14922.					
MID SX, SY, SKY, SZ= 16715.	6774.1	257.86	-500.00	SIG1, SIG2, SIG3= 16722.	6767.4	-500.00
S.I.= 17222.	SIGE= 14975.					
BOT SX, SY, SKY, SZ= 16261.	3735.3	390.48	-1000.0	SIG1, SIG2, SIG3= 16273.	3723.1	-1000.0
S.I.= 17273.	SIGE= 15462.					
EL= 1203	NODES= 768 769 829 828	MAT= 1	AREA= 24.0	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63	
XC, YC, ZC= -11.64	-11.59	27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 252.15	703.35	53.255				
TOP SX, SY, SKY, SZ= 18132.	10908.	137.44	0.	SIG1, SIG2, SIG3= 18135.	10905.	-.28344E-07
S.I.= 18135.	SIGE= 15812.					



EL=1204	NODES= 729 730 790 789	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 5.753	-15.53 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 123.06	596.62 -21.381				
TOP SX,SY,SXY,SZ= 17345.	9879.1 110.11 0.	SIG1,SIG2,SIG3= 17346.	9877.4	-2.9147E-07	
S.I.= 17346.	SIGE= 15071.				
MID SX,SY,SXY,SZ= 16706.	6781.4 221.12 -500.00	SIG1,SIG2,SIG3= 16711.	6776.5	-500.00	
S.I.= 17211.	SIGE= 14964.				
BOT SX,SY,SXY,SZ= 16067.	3683.7 332.14 -1000.0	SIG1,SIG2,SIG3= 16076.	3674.8	-1000.0	
S.I.= 17076.	SIGE= 15284.				
EL=1205	NODES= 767 768 828 827	MAT= 1	AREA= 26.5	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.15	-9.824 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 168.08	658.96 54.037				
TOP SX,SY,SXY,SZ= 17664.	10706. 62.380 0.	SIG1,SIG2,SIG3= 17664.	10706.	-2.2729E-07	
S.I.= 17664.	SIGE= 15412.				
MID SX,SY,SXY,SZ= 16791.	7285.0 -218.18 -500.00	SIG1,SIG2,SIG3= 16796.	7280.0	-500.00	
S.I.= 17296.	SIGE= 15004.				
BOT SX,SY,SXY,SZ= 15918.	3863.7 -498.74 -1000.0	SIG1,SIG2,SIG3= 15939.	3843.1	-1000.0	
S.I.= 16939.	SIGE= 15111.				
EL=1206	NODES= 730 731 791 790	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 6.648	-15.17 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 147.38	604.60 -18.402				
TOP SX,SY,SXY,SZ= 17464.	9933.4 84.009 0.	SIG1,SIG2,SIG3= 17465.	9932.4	-2.2947E-07	
S.I.= 17465.	SIGE= 15173.				
MID SX,SY,SXY,SZ= 16699.	6794.3 179.55 -500.00	SIG1,SIG2,SIG3= 16702.	6791.0	-500.00	
S.I.= 17202.	SIGE= 14955.				
BOT SX,SY,SXY,SZ= 15934.	3655.2 275.09 -1000.0	SIG1,SIG2,SIG3= 15940.	3649.1	-1000.0	
S.I.= 16240.	SIGE= 15160.				
EL=1207	NODES= 766 767 827 826	MAT= 1	AREA= 29.2	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -14.52	-7.647 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 100.75	615.87 47.171				
TOP SX,SY,SXY,SZ= 17266.	10506. -25.416 0.	SIG1,SIG2,SIG3= 17266.	10506.	-2.2643E-07	
S.I.= 17266.	SIGE= 15070.				
MID SX,SY,SXY,SZ= 16743.	7308.3 -270.33 -500.00	SIG1,SIG2,SIG3= 16751.	7300.6	-500.00	
S.I.= 17251.	SIGE= 14962.				
BOT SX,SY,SXY,SZ= 16220.	4110.7 -515.24 -1000.0	SIG1,SIG2,SIG3= 16242.	4088.8	-1000.0	
S.I.= 17242.	SIGE= 15344.				
EL=1208	NODES= 731 732 792 791	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 7.520	-14.76 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 161.57	609.44 -16.204				
TOP SX,SY,SXY,SZ= 17534.	9975.9 50.011 0.	SIG1,SIG2,SIG3= 17534.	9975.5	-2.2952E-07	
S.I.= 17534.	SIGE= 15233.				
MID SX,SY,SXY,SZ= 16695.	6811.7 134.14 -500.00	SIG1,SIG2,SIG3= 16697.	6809.9	-500.00	
S.I.= 17197.	SIGE= 14949.				
BOT SX,SY,SXY,SZ= 15856.	3647.5 218.27 -1000.0	SIG1,SIG2,SIG3= 15860.	3643.6	-1000.0	
S.I.= 16860.	SIGE= 15084.				
EL=1209	NODES= 765 766 826 825	MAT= 1	AREA= 32.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -15.60	-5.031 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 52.852	575.86 33.734				
TOP SX,SY,SXY,SZ= 16959.	10315. -110.45 0.	SIG1,SIG2,SIG3= 16961.	10313.	-2.2608E-07	
S.I.= 16961.	SIGE= 14802.				
MID SX,SY,SXY,SZ= 16685.	7325.1 -285.60 -500.00	SIG1,SIG2,SIG3= 16693.	7316.4	-500.00	
S.I.= 17193.	SIGE= 14910.				
BOT SX,SY,SXY,SZ= 16410.	4335.2 -460.75 -1000.0	SIG1,SIG2,SIG3= 16428.	4317.6	-1000.0	
S.I.= 17428.	SIGE= 15470.				



EL= 1210	NODES= 732 733 793 792	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 8.366	-14.30 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 166.31	611.28 -14.383				
TOP SX,SY,SKY,SZ= 17557.	10007.	11.266	0.	SIG1,SIG2,SIG3= 17557.	10006. -2.29567E-07
S.I.= 17557.	SIGE= 15255.				
MID SX,SY,SKY,SZ= 16694.	6832.7	85.943	-500.00	SIG1,SIG2,SIG3= 16695.	6832.0 -500.00
S.I.= 17195.	SIGE= 14945.				
BOT SX,SY,SKY,SZ= 15833.	3659.0	160.62	-1000.0	SIG1,SIG2,SIG3= 15833.	3656.9 -1000.0
S.I.= 15833.	SIGE= 15054.				
EL= 1211	NODES= 764 765 825 824	MAT= 1	AREA= 35.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -16.26	-1.976 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 17214	540.92 15.954				
TOP SX,SY,SKY,SZ= 16760.	10142.	-179.40	0.	SIG1,SIG2,SIG3= 16760.	10138. -2.26014E-07
S.I.= 16760.	SIGE= 14621.				
MID SX,SY,SKY,SZ= 16625.	7333.9	-262.24	-500.00	SIG1,SIG2,SIG3= 16632.	7326.5 -500.00
S.I.= 17132.	SIGE= 14855.				
BOT SX,SY,SKY,SZ= 16494.	4525.5	-345.07	-1000.0	SIG1,SIG2,SIG3= 16504.	4515.5 -1000.0
S.I.= 17504.	SIGE= 15500.				
EL= 1212	NODES= 733 734 794 793	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.184	-13.79 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 161.95	610.21 -12.533				
TOP SX,SY,SKY,SZ= 17536.	10025.	-29.054	0.	SIG1,SIG2,SIG3= 17536.	10025. -2.29344E-07
S.I.= 17536.	SIGE= 15239.				
MID SX,SY,SKY,SZ= 16695.	6856.9	36.017	-500.00	SIG1,SIG2,SIG3= 16695.	6856.8 -500.00
S.I.= 17195.	SIGE= 14945.				
BOT SX,SY,SKY,SZ= 15854.	3688.7	101.09	-1000.0	SIG1,SIG2,SIG3= 15855.	3687.9 -1000.0
S.I.= 16855.	SIGE= 15068.				
EL= 1213	NODES= 763 764 824 823	MAT= 1	AREA= 39.3	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -16.30	1.469 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 18.997	514.89 -2.1806				
TOP SX,SY,SKY,SZ= 16675.	10009.	-221.95	0.	SIG1,SIG2,SIG3= 16682.	10001. -2.26125E-07
S.I.= 16682.	SIGE= 14542.				
MID SX,SY,SKY,SZ= 16576.	7335.4	-210.62	-500.00	SIG1,SIG2,SIG3= 16581.	7330.6 -500.00
S.I.= 17081.	SIGE= 14810.				
BOT SX,SY,SKY,SZ= 16478.	4662.1	-199.30	-1000.0	SIG1,SIG2,SIG3= 16481.	4658.7 -1000.0
S.I.= 17481.	SIGE= 15450.				
EL= 1214	NODES= 734 735 795 794	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.971	-13.23 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 148.57	606.24 -10.251				
TOP SX,SY,SKY,SZ= 17470.	10031.	-67.767	0.	SIG1,SIG2,SIG3= 17471.	10031. -2.29647E-07
S.I.= 17471.	SIGE= 15186.				
MID SX,SY,SKY,SZ= 16699.	6883.9	-14.544	-500.00	SIG1,SIG2,SIG3= 16699.	6883.9 -500.00
S.I.= 17199.	SIGE= 14944.				
BOT SX,SY,SKY,SZ= 15927.	3736.3	38.680	-1000.0	SIG1,SIG2,SIG3= 15928.	3736.2 -1000.0
S.I.= 16928.	SIGE= 15128.				
EL= 1215	NODES= 762 763 823 822	MAT= 1	AREA= 43.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -15.53	5.181 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 43.598	506.32 -14.310				
TOP SX,SY,SKY,SZ= 16778.	9963.2	-226.06	0.	SIG1,SIG2,SIG3= 16786.	9955.8 -2.26705E-07
S.I.= 16786.	SIGE= 14621.				
MID SX,SY,SKY,SZ= 16552.	7334.4	-151.77	-500.00	SIG1,SIG2,SIG3= 16555.	7331.9 -500.00
S.I.= 17055.	SIGE= 14786.				
BOT SX,SY,SKY,SZ= 16326.	4705.6	-77.471	-1000.0	SIG1,SIG2,SIG3= 16326.	4705.1 -1000.0
S.I.= 17326.	SIGE= 15294.				
EL= 1216	NODES= 735 736 796 795	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 10.72	-12.63 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 125.94	599.32 -7.1390				

TOP SX,SY,SXY,SZ= 17359.	10075.	-101.69	0.	SIG1,SIG2,SIG3= 17360.	10024.	-.28677E-07
S.I.= 17360.	SIGE= 15774.					
MID SX,SY,SXY,SZ= 16705.	6713.6	-64.624	-500.00	SIG1,SIG2,SIG3= 16705.	6913.2	-500.00
S.I.= 17205.	SIGE= 4988.					
BOT SX,SY,SXY,SZ= 16051.	3801.9	-27.559	-1000.0	SIG1,SIG2,SIG3= 16051.	3801.9	-1000.0
S.I.= 17051.	SIGE= 15229.					
EL= 1217 NODES= 761 762 822 821	MAT= 1	AREA= 47.9	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= -13.65	8.935	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= 131.82	526.23	-15.100				
TOP SX,SY,SXY,SZ= 17238.	10069.	-177.35	0.	SIG1,SIG2,SIG3= 17242.	10065.	-.28171E-07
S.I.= 17242.	SIGE= 15002.					
MID SX,SY,SXY,SZ= 16553.	7337.3	-98.949	-500.00	SIG1,SIG2,SIG3= 16554.	7336.2	-500.00
S.I.= 17054.	SIGE= 14786.					
BOT SX,SY,SXY,SZ= 15869.	4605.1	-20.550	-1000.0	SIG1,SIG2,SIG3= 15869.	4605.0	-1000.0
S.I.= 15869.	SIGE= 14880.					
EL= 1218 NODES= 736 737 797 796	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= 11.44	-11.98	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= 93.530	589.34	-2.8059				
TOP SX,SY,SXY,SZ= 17199.	10006.	-127.66	0.	SIG1,SIG2,SIG3= 17202.	10004.	-.28230E-07
S.I.= 17202.	SIGE= 14963.					
MID SX,SY,SXY,SZ= 16714.	6946.1	-113.09	-500.00	SIG1,SIG2,SIG3= 16715.	6944.8	-500.00
S.I.= 17215.	SIGE= 14954.					
BOT SX,SY,SXY,SZ= 16228.	3886.2	-98.520	-1000.0	SIG1,SIG2,SIG3= 16229.	3885.5	-1000.0
S.I.= 17229.	SIGE= 15380.					
EL= 1219 NODES= 760 761 821 820	MAT= 1	AREA= 52.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= -10.58	12.37	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= 361.59	570.36	-7.8598				
TOP SX,SY,SXY,SZ= 18437.	10274.	-68.811	0.	SIG1,SIG2,SIG3= 18437.	10274.	-.31964E-07
S.I.= 18437.	SIGE= 16002.					
MID SX,SY,SXY,SZ= 16559.	7313.0	-28.003	-500.00	SIG1,SIG2,SIG3= 16559.	7312.	-500.00
S.I.= 17059.	SIGE= 14791.					
BOT SX,SY,SXY,SZ= 14682.	4351.6	12.805	-1000.0	SIG1,SIG2,SIG3= 14682.	4351.6	-1000.0
S.I.= 15682.	SIGE= 13807.					
EL= 1220 NODES= 737 738 798 797	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= 12.12	-11.30	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= 50.347	576.11	3.1251				
TOP SX,SY,SXY,SZ= 16986.	9973.1	-142.56	0.	SIG1,SIG2,SIG3= 16989.	9970.2	-.27579E-07
S.I.= 16989.	SIGE= 14787.					
MID SX,SY,SXY,SZ= 16725.	6981.9	-158.79	-500.00	SIG1,SIG2,SIG3= 16728.	6979.3	-500.00
S.I.= 17228.	SIGE= 14963.					
BOT SX,SY,SXY,SZ= 16464.	3990.8	-175.02	-1000.0	SIG1,SIG2,SIG3= 16466.	3988.3	-1000.0
S.I.= 17466.	SIGE= 15583.					
EL= 1221 NODES= 759 760 820 819	MAT= 1	AREA= 52.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= -6.484	14.93	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= 358.35	569.50	.25035				
TOP SX,SY,SXY,SZ= 18430.	10164.	70.583	0.	SIG1,SIG2,SIG3= 18431.	10164.	-.32280E-07
S.I.= 18431.	SIGE= 15990.					
MID SX,SY,SXY,SZ= 16570.	7207.3	65.284	-500.00	SIG1,SIG2,SIG3= 16570.	7206.8	-500.00
S.I.= 17070.	SIGE= 14806.					
BOT SX,SY,SXY,SZ= 14709.	4250.5	67.984	-1000.0	SIG1,SIG2,SIG3= 14710.	4250.1	-1000.0
S.I.= 15710.	SIGE= 13852.					
EL= 1222 NODES= 738 739 799 798	MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63		
XC,YC,ZC= 12.78	-10.57	27.29	PRESS= 1000.0 0.			
MX,MY,MXY= -5.1850	559.32	11.001				
TOP SX,SY,SXY,SZ= 16712.	9926.0	-143.50	0.	SIG1,SIG2,SIG3= 16715.	9923.0	-.26600E-07
S.I.= 16715.	SIGE= 14560.					
MID SX,SY,SXY,SZ= 16739.	7022.0	-200.62	-500.00	SIG1,SIG2,SIG3= 16743.	7017.9	-500.00
S.I.= 17243.	SIGE= 14974.					

BOT SX,SY,SKY,SZ= 16766.		4118.0	-757.74	-1000.0	SIG1,SIG2,SIG3= 16771.	4112.8	-1000.0
S.I.= 17771.		SIGE= 15846.					
EL= 1223 NODES= 758 759 819 818		MAT= 1	AREA= 47.9	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= -2.048 16.18 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= 129.88 525.72		5.4471					
TOP SX,SY,SKY,SZ= 17257.		9784.1	167.79	0.	SIG1,SIG2,SIG3= 17257.	9780.3	-.29238E-07
S.I.= 17257.		SIGE= 14989.					
MID SX,SY,SKY,SZ= 16579.		7054.6	139.51	-500.00	SIG1,SIG2,SIG3= 16581.	7052.5	-500.00
S.I.= 17081.		SIGE= 14825.					
BOT SX,SY,SKY,SZ= 15904.		4325.1	111.23	-1000.0	SIG1,SIG2,SIG3= 15905.	4324.0	-1000.0
S.I.= 16905.		SIGE= 14971.					
EL= 1224 NODES= 739 740 800 799		MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 13.35 -9.810 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= -75.532 538.55		21.103					
TOP SX,SY,SKY,SZ= 16364.		9864.3	-128.05	0.	SIG1,SIG2,SIG3= 16367.	9861.8	-.25523E-07
S.I.= 16367.		SIGE= 14273.					
MID SX,SY,SKY,SZ= 16757.		7068.1	-237.62	-500.00	SIG1,SIG2,SIG3= 16762.	7062.3	-500.00
S.I.= 17262.		SIGE= 14988.					
BOT SX,SY,SKY,SZ= 17149.		4272.0	-347.19	-1000.0	SIG1,SIG2,SIG3= 17158.	4262.6	-1000.0
S.I.= 18158.		SIGE= 16182.					
EL= 1225 NODES= 757 758 818 817		MAT= 1	AREA= 43.4	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 2.137 16.20 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= 56.285 509.39		4.5546					
TOP SX,SY,SKY,SZ= 16872.		9598.5	209.11	0.	SIG1,SIG2,SIG3= 16878.	9592.5	-.28473E-07
S.I.= 16878.		SIGE= 14663.					
MID SX,SY,SKY,SZ= 16580.		6953.7	185.46	-500.00	SIG1,SIG2,SIG3= 16584.	6950.2	-500.00
S.I.= 17084.		SIGE= 14835.					
BOT SX,SY,SKY,SZ= 16288.		4309.0	161.82	-1000.0	SIG1,SIG2,SIG3= 16290.	4306.8	-1000.0
S.I.= 17290.		SIGE= 15341.					
EL= 1226 NODES= 740 741 801 800		MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 13.90 -9.017 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= -164.49 513.23		33.556					
TOP SX,SY,SKY,SZ= 15923.		9787.9	-95.037	0.	SIG1,SIG2,SIG3= 15925.	9786.4	-.21111E-07
S.I.= 15925.		SIGE= 13911.					
MID SX,SY,SKY,SZ= 16777.		7123.2	-269.26	-500.00	SIG1,SIG2,SIG3= 16785.	7115.7	-500.00
S.I.= 17285.		SIGE= 15004.					
BOT SX,SY,SKY,SZ= 17631.		4458.5	-443.48	-1000.0	SIG1,SIG2,SIG3= 17646.	4443.6	-1000.0
S.I.= 18646.		SIGE= 16608.					
EL= 1227 NODES= 756 757 817 816		MAT= 1	AREA= 39.3	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 5.824 15.29 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= 51.512 522.70		-3.4163					
TOP SX,SY,SKY,SZ= 16864.		9658.1	209.61	0.	SIG1,SIG2,SIG3= 16870.	9652.0	-.28219E-07
S.I.= 16870.		SIGE= 14661.					
MID SX,SY,SKY,SZ= 16597.		6944.2	227.34	-500.00	SIG1,SIG2,SIG3= 16602.	6938.9	-500.00
S.I.= 17102.		SIGE= 14855.					
BOT SX,SY,SKY,SZ= 16329.		4230.4	245.08	-1000.0	SIG1,SIG2,SIG3= 16334.	4225.4	-1000.0
S.I.= 17334.		SIGE= 15401.					
EL= 1228 NODES= 741 742 802 801		MAT= 1	AREA= 10.4	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	
XC,YC,ZC= 14.40 -8.193 27.29		PRESS= 1000.0 0.					
MX,MY,MXY= -277.80 482.64		48.112					
TOP SX,SY,SKY,SZ= 15360.		9698.4	-46.389	0.	SIG1,SIG2,SIG3= 15360.	9698.0	-.22100E-07
S.I.= 15360.		SIGE= 13454.					
MID SX,SY,SKY,SZ= 16802.		7192.5	-296.18	-500.00	SIG1,SIG2,SIG3= 16811.	7183.4	-500.00
S.I.= 17311.		SIGE= 15023.					
BOT SX,SY,SKY,SZ= 18244.		4686.7	-545.98	-1000.0	SIG1,SIG2,SIG3= 13266.	4664.7	-1000.0
S.I.= 19258.		SIGE= 17151.					
EL= 1229 NODES= 755 756 816 815		MAT= 1	AREA= 35.6	TTOP,TBOT= 0.0 0.0		QUAD SHELL 63	



EL= 1230	NODES= 742 743 803 802	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.75 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= 71.975 552.09 -17.957					
TOP SX, SY, SKY, SZ= 17007. 9872.5 180.32 0.	SIG1, SIG2, SIG3= 17011. 9868.0 -.27974E-07				
S.I.= 17011. SIGE= 14795.					
MID SX, SY, SKY, SZ= 16633. 7006.1 252.79 -500.00	SIG1, SIG2, SIG3= 16640. 6999.4 -500.00				
S.I.= 17140. SIGE= 14882.					
BOT SX, SY, SKY, SZ= 16259. 4139.6 325.25 -1000.0	SIG1, SIG2, SIG3= 16268. 4130.9 -1000.0				
S.I.= 17268. SIGE= 15359.					
EL= 1231	NODES= 743 743 803 802	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.85 -7.341 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= -423.79 446.16 63.580					
TOP SX, SY, SKY, SZ= 14632. 9602.7 7.4430 0.	SIG1, SIG2, SIG3= 14632. 9602.7 -.19701E-07				
S.I.= 14632. SIGE= 12876.					
MID SX, SY, SKY, SZ= 16832. 7286.3 -322.66 -500.00	SIG1, SIG2, SIG3= 16843. 7275.4 -500.00				
S.I.= 17343. SIGE= 15046.					
BOT SX, SY, SKY, SZ= 19032. 4969.8 -652.77 -1000.0	SIG1, SIG2, SIG3= 19063. 4939.3 -1000.0				
S.I.= 20063. SIGE= 17850.					
EL= 1231	NODES= 754 755 815 814	MAT= 1	AREA= 32.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36 11.82 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= 102.08 587.46 -23.129					
TOP SX, SY, SKY, SZ= 17212. 10158. 125.94 0.	SIG1, SIG2, SIG3= 17214. 10156. -.27639E-07				
S.I.= 17214. SIGE= 14988.					
MID SX, SY, SKY, SZ= 16682. 7108.0 246.02 -500.00	SIG1, SIG2, SIG3= 16688. 7101.6 -500.00				
S.I.= 17188. SIGE= 14918.					
BOT SX, SY, SKY, SZ= 16152. 4057.9 366.11 -1000.0	SIG1, SIG2, SIG3= 16163. 4046.8 -1000.0				
S.I.= 17163. SIGE= 15278.					
EL= 1232	NODES= 743 744 804 803	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.25 -6.464 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= -613.92 403.88 76.610					
TOP SX, SY, SKY, SZ= 13682. 9519.2 32.683 0.	SIG1, SIG2, SIG3= 13682. 9518.9 -.16284E-07				
S.I.= 13682. SIGE= 12148.					
MID SX, SY, SKY, SZ= 16870. 7422.3 -365.07 -500.00	SIG1, SIG2, SIG3= 16884. 7408.2 -500.00				
S.I.= 17384. SIGE= 15075.					
BOT SX, SY, SKY, SZ= 20057. 5325.3 -762.83 -1000.0	SIG1, SIG2, SIG3= 20096. 5285.9 -1000.0				
S.I.= 21096. SIGE= 18761.					
EL= 1233	NODES= 753 754 814 813	MAT= 1	AREA= 29.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 13.24 9.895 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= 140.46 624.88 -29.245					
TOP SX, SY, SKY, SZ= 17463. 10466. 51.350 0.	SIG1, SIG2, SIG3= 17463. 10466. -.27360E-07				
S.I.= 17463. SIGE= 15223.					
MID SX, SY, SKY, SZ= 16733. 7221.9 203.19 -500.00	SIG1, SIG2, SIG3= 16738. 7217.5 -500.00				
S.I.= 17238. SIGE= 14956.					
BOT SX, SY, SKY, SZ= 16004. 3977.5 355.03 -1000.0	SIG1, SIG2, SIG3= 16015. 3967.0 -1000.0				
S.I.= 17015. SIGE= 15154.					
EL= 1234	NODES= 752 753 813 812	MAT= 1	AREA= 26.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60 7.516 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= 189.88 663.25 -31.418					
TOP SX, SY, SKY, SZ= 17765. 10771. -32.027 0.	SIG1, SIG2, SIG3= 17765. 10771. -.27391E-07				
S.I.= 17765. SIGE= 15500.					
MID SX, SY, SKY, SZ= 16779. 7327.3 131.09 -500.00	SIG1, SIG2, SIG3= 16781. 7325.5 -500.00				
S.I.= 17281. SIGE= 14988.					
BOT SX, SY, SKY, SZ= 15793. 3883.7 294.21 -1000.0	SIG1, SIG2, SIG3= 15800. 3876.4 -1000.0				
S.I.= 16800. SIGE= 14970.					
EL= 1235	NODES= 744 745 805 804	MAT= 1	AREA= 10.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.55 -5.554 27.29	PRESS= 1000.0 0.				
MX, MY, MXY= 145.95 651.45 84.306					
TOP SX, SY, SKY, SZ= 17447. 10619. 29.144 0.	SIG1, SIG2, SIG3= 17447. 10618. -.26715E-07				
S.I.= 17447. SIGE= 15228.					



EL= 1234	NODES= 745 746 806 805	MAT= 1	AREA= 13.3	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.82	-4.498 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 558.51	915.79 71.883				
TOP SX, SY, SKY, SZ= 21696.	11908.	-27.790	0.	SIG1, SIG2, SIG3= 21696.	11908. -3.827E-07
S.I.= 21696.	SIGE= 18819.				
MID SX, SY, SKY, SZ= 16719.	7148.1	-345.43	-500.00	SIG1, SIG2, SIG3= 16732.	7135.7 -500.00
S.I.= 17232.	SIGE= 14955.				
BOT SX, SY, SKY, SZ= 11743.	2388.2	-718.64	-1000.0	SIG1, SIG2, SIG3= 11797.	2333.3 -1000.0
S.I.= 16797.	SIGE= 11499.				
EL= 1237	NODES= 745 747 807 806	MAT= 1	AREA= 14.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.13	-3.266 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 782.09	883.67 52.920				
TOP SX, SY, SKY, SZ= 20823.	11912.	-23.376	0.	SIG1, SIG2, SIG3= 20823.	11912. -3.4769E-07
S.I.= 20823.	SIGE= 18095.				
MID SX, SY, SKY, SZ= 16762.	7324.3	-298.14	-500.00	SIG1, SIG2, SIG3= 16772.	7314.9 -500.00
S.I.= 17272.	SIGE= 14980.				
BOT SX, SY, SKY, SZ= 12702.	2736.3	-572.90	-1000.0	SIG1, SIG2, SIG3= 12734.	2703.5 -1000.0
S.I.= 13734.	SIGE= 12308.				
EL= 1238	NODES= 747 748 808 807	MAT= 1	AREA= 16.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.34	-1.840 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 640.23	849.78 30.510				
TOP SX, SY, SKY, SZ= 20120.	11835.	-101.06	0.	SIG1, SIG2, SIG3= 20122.	11834. -3.2381E-07
S.I.= 20122.	SIGE= 17516.				
MID SX, SY, SKY, SZ= 16796.	7423.1	-259.46	-500.00	SIG1, SIG2, SIG3= 16804.	7416.0 -500.00
S.I.= 17304.	SIGE= 15003.				
BOT SX, SY, SKY, SZ= 13472.	3011.1	-417.87	-1000.0	SIG1, SIG2, SIG3= 13489.	2994.4 -1000.0
S.I.= 14489.	SIGE= 12962.				
EL= 1239	NODES= 748 749 809 808	MAT= 1	AREA= 17.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.44	-2.2740 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 520.94	814.76 9.3319				
TOP SX, SY, SKY, SZ= 19526.	11705.	-158.42	0.	SIG1, SIG2, SIG3= 19529.	11702. -3.0661E-07
S.I.= 19529.	SIGE= 17023.				
MID SX, SY, SKY, SZ= 16821.	7475.1	-206.88	-500.00	SIG1, SIG2, SIG3= 16826.	7470.5 -500.00
S.I.= 17326.	SIGE= 15020.				
BOT SX, SY, SKY, SZ= 14116.	3244.8	-255.33	-1000.0	SIG1, SIG2, SIG3= 14122.	3238.8 -1000.0
S.I.= 15122.	SIGE= 13511.				
EL= 1240	NODES= 749 750 810 809	MAT= 1	AREA= 19.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.37	1.457 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 417.94	778.36 -8.2960				
TOP SX, SY, SKY, SZ= 19003.	11529.	-179.53	0.	SIG1, SIG2, SIG3= 19007.	11525. -2.9368E-07
S.I.= 19007.	SIGE= 16584.				
MID SX, SY, SKY, SZ= 16835.	7488.3	-136.45	-500.00	SIG1, SIG2, SIG3= 16835.	7486.3 -500.00
S.I.= 17335.	SIGE= 15028.				
BOT SX, SY, SKY, SZ= 14663.	3447.0	-93.379	-1000.0	SIG1, SIG2, SIG3= 14664.	3445.2 -1000.0
S.I.= 15664.	SIGE= 13981.				
EL= 1241	NODES= 750 751 811 810	MAT= 1	AREA= 21.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.09	3.347 27.29	PRESS= 1000.0	0.		
MX, MY, MXY= 328.57	740.64 -21.206				
TOP SX, SY, SKY, SZ= 18540.	11308.	-131.06	0.	SIG1, SIG2, SIG3= 18540.	11308. -2.2825E-07
S.I.= 18540.	SIGE= 16185.				
MID SX, SY, SKY, SZ= 16831.	7466.2	-50.959	-500.00	SIG1, SIG2, SIG3= 16831.	7465.9 -500.00
S.I.= 17331.	SIGE= 15025.				
BOT SX, SY, SKY, SZ= 15125.	3620.8	59.144	-1000.0	SIG1, SIG2, SIG3= 15125.	3620.5 -1000.0
S.I.= 16125.	SIGE= 14382.				

EL= 1242	NODES= 751 752 812 811	MAT= 1	AREA= 24.0	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 15.52	5.379 27.29	PRESS= 1000.0	0.		
MX,MY,MXY= 252.43	702.05 -28.901				
TOP SX,SY,SKY,SZ=	18123. 11056.	-108.08	0.	SIG1,SIG2,SIG3= 18175. 11055.	-.27621E-07
S.I.=	18125. SIGE= 15822.				
MID SX,SY,SKY,SZ=	16812. 7411.3	41.974	-500.00	SIG1,SIG2,SIG3= 16812. 7411.1	-500.00
S.I.=	17312. SIGE= 15012.				
BOT SX,SY,SKY,SZ=	13502. 3766.2	192.03	-1000.0	SIG1,SIG2,SIG3= 15505. 3763.1	-1000.0
S.I.=	14505. SIGE= 14713.				
EL= 1243	NODES= 781 782 842 841	MAT= 1	AREA= 14.6	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -1.825	-16.41 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= -90.981	-264.23 -92.213				
TOP SX,SY,SKY,SZ=	8880.4 5381.5	-237.28	0.	SIG1,SIG2,SIG3= 8896.4 5365.4	-.13850E-07
S.I.=	8896.4 SIGE= 7758.9				
MID SX,SY,SKY,SZ=	9363.9 6753.3	241.49	-500.00	SIG1,SIG2,SIG3= 9405.9 6731.3	-500.00
S.I.=	9905.9 SIGE= 8876.2				
BOT SX,SY,SKY,SZ=	9887.5 8125.2	720.26	-1000.0	SIG1,SIG2,SIG3= 10144. 7868.3	-1000.0
S.I.=	11144. SIGE= 10199.				
EL= 1244	NODES= 782 783 843 842	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -8.762	-16.54 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= -418.35	-344.99 -72.610				
TOP SX,SY,SKY,SZ=	7266.6 4957.6	-79.511	0.	SIG1,SIG2,SIG3= 7269.3 4954.9	-.90615E-08
S.I.=	7269.3 SIGE= 6432.4				
MID SX,SY,SKY,SZ=	9438.7 6748.8	297.48	-500.00	SIG1,SIG2,SIG3= 9471.2 6716.3	-500.00
S.I.=	9971.2 SIGE= 8918.8				
BOT SX,SY,SKY,SZ=	11611. 8539.9	674.47	-1000.0	SIG1,SIG2,SIG3= 11752. 8398.3	-1000.0
S.I.=	12752. SIGE= 11450.				
EL= 1245	NODES= 834 781 841 894	MAT= 1	AREA= 18.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -2.894	-16.19 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= 263.24	-170.54 -68.265				
TOP SX,SY,SKY,SZ=	10766. 5862.2	-38.803	0.	SIG1,SIG2,SIG3= 10767. 5861.9	-.19125E-07
S.I.=	10767. SIGE= 9336.5				
MID SX,SY,SKY,SZ=	9392.7 6746.6	315.63	-500.00	SIG1,SIG2,SIG3= 9436.7 6709.6	-500.00
S.I.=	9536.7 SIGE= 8892.5				
BOT SX,SY,SKY,SZ=	8032.9 7631.0	670.06	-1000.0	SIG1,SIG2,SIG3= 8531.5 7132.4	-1000.0
S.I.=	9531.5 SIGE= 8914.7				
EL= 1246	NODES= 783 784 844 843	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= .8805E-01	-16.57 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= -292.66	-294.89 -49.895				
TOP SX,SY,SKY,SZ=	7951.9 5328.0	79.940	0.	SIG1,SIG2,SIG3= 7954.3 5325.5	-.10255E-07
S.I.=	7954.3 SIGE= 7019.4				
MID SX,SY,SKY,SZ=	9471.5 6859.0	339.00	-500.00	SIG1,SIG2,SIG3= 9514.6 6815.7	-500.00
S.I.=	10015. SIGE= 8974.9				
BOT SX,SY,SKY,SZ=	10991. 8390.1	598.05	-1000.0	SIG1,SIG2,SIG3= 11122. 8259.1	-1000.0
S.I.=	12122. SIGE= 10974.				
EL= 1247	NODES= 833 834 894 893	MAT= 1	AREA= 20.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -4.152	-15.92 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= 150.86	-218.10 -37.913				
TOP SX,SY,SKY,SZ=	10166. 5476.1	132.79	0.	SIG1,SIG2,SIG3= 10170. 5472.4	-.18347E-07
S.I.=	10170. SIGE= 8815.8				
MID SX,SY,SKY,SZ=	9382.7 6608.5	329.63	-500.00	SIG1,SIG2,SIG3= 9421.4 6569.9	-500.00
S.I.=	9921.4 SIGE= 8847.2				
BOT SX,SY,SKY,SZ=	8599.5 7740.9	526.48	-1000.0	SIG1,SIG2,SIG3= 8849.5 7490.9	-1000.0
S.I.=	9849.5 SIGE= 9245.4				
EL= 1248	NODES= 784 785 845 844	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 1.052	-16.53 40.35	PRESS= 1000.0	0.		
MX,MY,MXY= -215.03	-262.67 -34.837				

EL= 1244	NODES= 832 833 893 892	MAT= 1	AREA= 22.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-9.510 -15.50 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	79.502 -247.27 -13.735				
TOP SX, SY, SKY, SZ=	9783.8 5243.6 219.53 0.	SIG1, SIG2, SIG3=	9794.4 5233.1	-1.17797E-07	
S.I.=	9794.4 SIGE= 8488.9				
MID SX, SY, SKY, SZ=	9372.1 6527.5 290.84 -500.00	SIG1, SIG2, SIG3=	9401.5 6498.0	-500.00	
S.I.=	9311.5 SIGE= 8816.0				
BOT SX, SY, SKY, SZ=	8960.3 7811.3 362.14 -1000.0	SIG1, SIG2, SIG3=	9065.0 7706.7	-1000.0	
S.I.=	10065. SIGE= 9459.2				
EL= 1250	NODES= 785 786 846 845	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.012 -16.44 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-164.41 -240.93 -24.623				
TOP SX, SY, SKY, SZ=	8662.0 5799.9 200.78 0.	SIG1, SIG2, SIG3=	8676.0 5785.9	-1.11355E-07	
S.I.=	8676.0 SIGE= 2651.9				
MID SX, SY, SKY, SZ=	9515.6 7050.8 328.62 -500.00	SIG1, SIG2, SIG3=	9558.7 7007.8	-500.00	
S.I.=	10059. SIGE= 9056.8				
BOT SX, SY, SKY, SZ=	10369. 8301.7 456.46 -1000.0	SIG1, SIG2, SIG3=	10466. 8205.4	-1000.0	
S.I.=	11466. SIGE= 10519.				
EL= 1251	NODES= 831 832 892 891	MAT= 1	AREA= 25.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-6.961 -14.90 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	28.690 -263.99 5.4410				
TOP SX, SY, SKY, SZ=	9521.0 5123.3 251.04 0.	SIG1, SIG2, SIG3=	9535.3 5109.0	-1.17319E-07	
S.I.=	9535.3 SIGE= 8264.9				
MID SX, SY, SKY, SZ=	9372.1 6493.9 222.79 -500.00	SIG1, SIG2, SIG3=	9389.2 6476.8	-500.00	
S.I.=	9889.2 SIGE= 8802.1				
BOT SX, SY, SKY, SZ=	9223.1 7864.5 194.54 -1000.0	SIG1, SIG2, SIG3=	9250.4 7837.2	-1000.0	
S.I.=	10250. SIGE= 9522.0				
EL= 1252	NODES= 786 787 847 846	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	2.966 -16.30 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-129.57 -225.57 -17.673				
TOP SX, SY, SKY, SZ=	8859.5 5962.9 211.63 0.	SIG1, SIG2, SIG3=	8874.8 5947.5	-1.11457E-07	
S.I.=	8874.8 SIGE= 7832.8				
MID SX, SY, SKY, SZ=	9532.2 7134.0 303.39 -500.00	SIG1, SIG2, SIG3=	9570.0 7096.2	-500.00	
S.I.=	10070. SIGE= 9089.2				
BOT SX, SY, SKY, SZ=	10205. 8305.2 395.15 -1000.0	SIG1, SIG2, SIG3=	10284. 8226.3	-1000.0	
S.I.=	11284. SIGE= 10409.				
EL= 1253	NODES= 830 831 891 890	MAT= 1	AREA= 27.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-8.487 -14.08 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-10.245 -271.13 20.071				
TOP SX, SY, SKY, SZ=	9331.6 5108.6 240.24 0.	SIG1, SIG2, SIG3=	9345.2 5095.0	-1.16607E-07	
S.I.=	9345.2 SIGE= 8104.2				
MID SX, SY, SKY, SZ=	9384.8 6516.3 136.03 -500.00	SIG1, SIG2, SIG3=	9391.2 6509.9	-500.00	
S.I.=	9891.2 SIGE= 8811.3				
BOT SX, SY, SKY, SZ=	9438.0 7924.0 31.817 -1000.0	SIG1, SIG2, SIG3=	9438.7 7923.3	-1000.0	
S.I.=	10439. SIGE= 9789.5				
EL= 1254	NODES= 787 788 848 847	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	3.909 -16.10 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-104.51 -214.39 -13.020				
TOP SX, SY, SKY, SZ=	9002.6 6097.1 203.32 0.	SIG1, SIG2, SIG3=	9016.8 6082.9	-1.11482E-07	
S.I.=	9016.8 SIGE= 7965.9				
MID SX, SY, SKY, SZ=	9546.8 7210.1 270.92 -500.00	SIG1, SIG2, SIG3=	9577.8 7179.1	-500.00	
S.I.=	10078. SIGE= 9118.2				



EL= 1253	NODES= 829 830 890 889	MAT= 1	AREA= 30.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -10.16 -12.99 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -41.452 -270.13 30.136					
TOP SX, SY, SKY, SZ= 9196.0 5192.5 192.52 0.	SIG1, SIG2, SIG3= 9205.8 5187.8 -.15247E-07				
S.I.= 9205.8 SIGE= 7993.8					
MID SX, SY, SKY, SZ= 9411.9 6600.1 41.111 -500.00	SIG1, SIG2, SIG3= 9411.9 6599.5 -500.00				
S.I.= 9411.9 SIGE= 8847.5					
BOT SX, SY, SKY, SZ= 9626.6 8002.6 -115.35 -1000.0	SIG1, SIG2, SIG3= 9634.7 7994.5 -1000.0				
S.I.= 9626.6 SIGE= 9916.8					
EL= 1254	NODES= 788 789 849 848	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 4.840 -15.84 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -87.003 -206.09 -10.014					
TOP SX, SY, SKY, SZ= 9108.0 6209.5 181.31 0.	SIG1, SIG2, SIG3= 9119.3 6198.2 -.11422E-07				
S.I.= 9119.3 SIGE= 8065.8					
MID SX, SY, SKY, SZ= 9559.7 7279.6 233.30 -500.00	SIG1, SIG2, SIG3= 9583.4 7255.9 -500.00				
S.I.= 10083.1 SIGE= 9144.5					
BOT SX, SY, SKY, SZ= 10011.1 8349.6 285.29 -1000.0	SIG1, SIG2, SIG3= 10059.1 8302.0 -1000.0				
S.I.= 11059.1 SIGE= 10294.1					
EL= 1257	NODES= 828 829 889 888	MAT= 1	AREA= 35.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -11.64 -11.59 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -66.295 -262.04 35.427					
TOP SX, SY, SKY, SZ= 9107.8 5384.5 133.67 0.	SIG1, SIG2, SIG3= 9112.6 5379.7 -.14626E-07				
S.I.= 9112.6 SIGE= 7934.6					
MID SX, SY, SKY, SZ= 9452.0 6745.0 -50.264 -500.00	SIG1, SIG2, SIG3= 9452.9 6744.1 -500.00				
S.I.= 9952.9 SIGE= 8912.8					
BOT SX, SY, SKY, SZ= 9796.2 8105.6 -234.20 -1000.0	SIG1, SIG2, SIG3= 9828.0 8073.7 -1000.0				
S.I.= 10828.1 SIGE= 10066.1					
EL= 1258	NODES= 789 790 850 849	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.753 -15.53 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -74.368 -199.89 -8.1857					
TOP SX, SY, SKY, SZ= 9185.2 6304.5 149.40 0.	SIG1, SIG2, SIG3= 9192.9 6296.8 -.11356E-07				
S.I.= 9192.9 SIGE= 8140.9					
MID SX, SY, SKY, SZ= 9571.3 7342.4 191.90 -500.00	SIG1, SIG2, SIG3= 9587.7 7326.0 -500.00				
S.I.= 10088.1 SIGE= 9168.5					
BOT SX, SY, SKY, SZ= 9957.5 8380.2 234.40 -1000.0	SIG1, SIG2, SIG3= 9991.6 8346.1 -1000.0				
S.I.= 10992.1 SIGE= 10268.1					
EL= 1259	NODES= 827 828 888 887	MAT= 1	AREA= 37.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= -13.15 -9.824 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -84.891 -248.03 35.796					
TOP SX, SY, SKY, SZ= 9055.3 5654.0 61.104 0.	SIG1, SIG2, SIG3= 9066.4 5652.9 -.13366E-07				
S.I.= 9066.4 SIGE= 7931.2					
MID SX, SY, SKY, SZ= 9506.1 6941.7 -124.75 -500.00	SIG1, SIG2, SIG3= 9512.1 6935.7 -500.00				
S.I.= 10012.1 SIGE= 9004.7					
BOT SX, SY, SKY, SZ= 9946.8 8229.5 -310.60 -1000.0	SIG1, SIG2, SIG3= 10001.1 8175.0 -1000.0				
S.I.= 11001.1 SIGE= 10211.1					
EL= 1260	NODES= 790 791 851 850	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 6.648 -15.17 40.35	PRESS= 1000.0 0.				
MX, MY, MXY= -65.817 -195.51 -7.1712					
TOP SX, SY, SKY, SZ= 9259.9 6384.5 110.46 0.	SIG1, SIG2, SIG3= 9244.1 6380.2 -.11227E-07				
S.I.= 9244.1 SIGE= 8196.5					
MID SX, SY, SKY, SZ= 9581.6 7398.5 147.69 -500.00	SIG1, SIG2, SIG3= 9591.5 7388.6 -500.00				
S.I.= 10092.1 SIGE= 9190.3					
BOT SX, SY, SKY, SZ= 9923.3 8412.6 184.93 -1000.0	SIG1, SIG2, SIG3= 9945.6 8390.3 -1000.0				
S.I.= 10945.1 SIGE= 10257.1					
EL= 1261	NODES= 826 827 887 886	MAT= 1	AREA= 41.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63



EL= 1262	NODES= 791 792 852 851	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	7.520 -14.76 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-60.698 -192.02 -6.6705				
TOP SX, SY, SKY, SZ=	9275.3 6450.9 56.830 0.	SIG1, SIG2, SIG3=	9276.9 6449.4 -1.1072E-07		
S. I.=	9276.9 SIGE= 8235.6				
MID SX, SY, SKY, SZ=	9590.5 7417.9 101.46 -500.00	SIG1, SIG2, SIG3=	9595.3 7443.1 -500.00		
S. I.=	10095. SIGE= 9209.8				
BOT SX, SY, SKY, SZ=	9905.6 8444.8 136.10 -1000.0	SIG1, SIG2, SIG3=	9918.2 8432.3 -1000.0		
S. I.=	10918. SIGE= 10256.				
EL= 1263	NODES= 825 826 886 885	MAT= 1	AREA= 45.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-15.60 -1.031 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-103.26 -209.57 22.577				
TOP SX, SY, SKY, SZ=	9105.7 6303.3 -52.002 0.	SIG1, SIG2, SIG3=	9106.7 6302.3 -1.0999E-07		
S. I.=	9106.7 SIGE= 8074.2				
MID SX, SY, SKY, SZ=	9641.8 7391.4 -169.22 -500.00	SIG1, SIG2, SIG3=	9654.5 7378.7 -500.00		
S. I.=	10154. SIGE= 9239.5				
BOT SX, SY, SKY, SZ=	10178. 8475.5 -286.44 -1000.0	SIG1, SIG2, SIG3=	10225. 8432.5 -1000.0		
S. I.=	11225. SIGE= 10445.				
EL= 1264	NODES= 792 793 853 852	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	8.366 -14.30 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-58.431 -189.84 -6.4215				
TOP SX, SY, SKY, SZ=	9293.5 6504.5 20.518 0.	SIG1, SIG2, SIG3=	9293.7 6504.3 -1.0962E-07		
S. I.=	9293.7 SIGE= 8260.1				
MID SX, SY, SKY, SZ=	9597.9 7490.1 53.859 -500.00	SIG1, SIG2, SIG3=	9599.3 7488.7 -500.00		
S. I.=	10099. SIGE= 9226.9				
BOT SX, SY, SKY, SZ=	9902.3 8475.8 87.199 -1000.0	SIG1, SIG2, SIG3=	9907.7 8470.5 -1000.0		
S. I.=	10908. SIGE= 10285.				
EL= 1265	NODES= 824 825 885 884	MAT= 1	AREA= 50.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-16.26 -1.976 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-104.86 -190.54 10.246				
TOP SX, SY, SKY, SZ=	9168.4 6576.1 -68.100 0.	SIG1, SIG2, SIG3=	9170.2 6574.3 -1.0130E-07		
S. I.=	9170.2 SIGE= 8186.9				
MID SX, SY, SKY, SZ=	9712.8 7565.3 -121.29 -500.00	SIG1, SIG2, SIG3=	9719.7 7558.5 -500.00		
S. I.=	10220. SIGE= 9328.8				
BOT SX, SY, SKY, SZ=	10257. 8554.6 -174.49 -1000.0	SIG1, SIG2, SIG3=	10275. 8536.9 -1000.0		
S. I.=	11275. SIGE= 10514.				
EL= 1266	NODES= 793 794 854 853	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	9.184 -13.75 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-59.437 -188.72 -6.1829				
TOP SX, SY, SKY, SZ=	9295.2 6545.0 -26.625 0.	SIG1, SIG2, SIG3=	9295.5 6544.7 -1.0766E-07		
S. I.=	9295.5 SIGE= 8270.6				
MID SX, SY, SKY, SZ=	9603.8 7524.8 5.4766 -500.00	SIG1, SIG2, SIG3=	9603.9 7524.8 -500.00		
S. I.=	10104. SIGE= 9241.4				
BOT SX, SY, SKY, SZ=	9912.4 8504.6 37.578 -1000.0	SIG1, SIG2, SIG3=	9913.4 8503.6 -1000.0		
S. I.=	10913. SIGE= 10281.				
EL= 1267	NODES= 823 824 884 883	MAT= 1	AREA= 55.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC=	-16.30 1.469 40.35	PRESS= 1000.0	0.		
MX, MY, MXY=	-104.44 -176.10 -4.8072				
TOP SX, SY, SKY, SZ=	9235.9 6730.3 -55.780 0.	SIG1, SIG2, SIG3=	9237.2 6729.0 -1.9843E-08		
S. I.=	9237.2 SIGE= 8273.3				

EL= 1268	NODES= 794 795 855 854	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 9.271 -15.23 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= -63.104 -188.66 -5.7212					
TOP SX,SY,SKY,SZ= 9282.4 6571.9 -72.804 0.	SIG1,SIG2,SIG3= 9282.4 6569.9 -.10650E-07				
S.I.= 9282.4 SIGE= 8267.0					
MID SX,SY,SKY,SZ= 9608.1 7551.4 -43.099 -500.00	SIG1,SIG2,SIG3= 9609.0 7550.5 -500.00				
S.I.= 10109. SIGE= 9253.1					
BOT SX,SY,SKY,SZ= 9935.7 8530.9 -13.394 -1000.0	SIG1,SIG2,SIG3= 9935.9 8530.8 -1000.0				
S.I.= 11236. SIGE= 10305.					
EL= 1269	NODES= 822 823 883 882	MAT= 1	AREA= 61.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -15.50 5.181 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= -99.337 -167.41 -21.331					
TOP SX,SY,SKY,SZ= 9318.4 6729.2 -35.058 0.	SIG1,SIG2,SIG3= 9318.9 6728.7 -.10097E-07				
S.I.= 9318.9 SIGE= 8331.5					
MID SX,SY,SKY,SZ= 9834.2 7598.4 75.691 -500.00	SIG1,SIG2,SIG3= 9836.8 7595.8 -500.00				
S.I.= 10337. SIGE= 9418.4					
BOT SX,SY,SKY,SZ= 10350. 8467.6 186.44 -1000.0	SIG1,SIG2,SIG3= 10368. 8449.3 -1000.0				
S.I.= 11368. SIGE= 10541.					
EL= 1270	NODES= 795 796 856 855	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 10.72 -12.63 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= -69.785 -189.78 -4.7988					
TOP SX,SY,SKY,SZ= 9248.3 6584.0 -116.17 0.	SIG1,SIG2,SIG3= 9253.3 6578.9 -.10514E-07				
S.I.= 9253.3 SIGE= 8248.0					
MID SX,SY,SKY,SZ= 9610.6 7569.3 -91.254 -500.00	SIG1,SIG2,SIG3= 9614.7 7565.2 -500.00				
S.I.= 10115. SIGE= 9261.6					
BOT SX,SY,SKY,SZ= 9972.9 8554.6 -66.338 -1000.0	SIG1,SIG2,SIG3= 9976.0 8551.5 -1000.0				
S.I.= 10976. SIGE= 10338.					
EL= 1271	NODES= 821 822 882 881	MAT= 1	AREA= 67.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -13.65 8.935 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= -63.761 -154.63 -33.472					
TOP SX,SY,SKY,SZ= 9545.3 6631.8 -32.870 0.	SIG1,SIG2,SIG3= 9545.7 6631.4 -.11428E-07				
S.I.= 9545.7 SIGE= 8473.1					
MID SX,SY,SKY,SZ= 9876.3 7434.6 140.92 -500.00	SIG1,SIG2,SIG3= 9884.5 7426.5 -500.00				
S.I.= 10384. SIGE= 9399.7					
BOT SX,SY,SKY,SZ= 10207. 8237.4 314.71 -1000.0	SIG1,SIG2,SIG3= 10256. 8188.4 -1000.0				
S.I.= 11256. SIGE= 10378.					
EL= 1272	NODES= 796 797 857 856	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= 11.44 -11.98 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= -79.837 -192.28 -3.1604					
TOP SX,SY,SKY,SZ= 9196.7 6579.4 -154.71 0.	SIG1,SIG2,SIG3= 9205.8 6570.3 -.10292E-07				
S.I.= 9205.8 SIGE= 8211.6					
MID SX,SY,SKY,SZ= 9611.2 7577.7 -38.30 -500.00	SIG1,SIG2,SIG3= 9620.6 7568.4 -500.00				
S.I.= 10121. SIGE= 9266.5					
BOT SX,SY,SKY,SZ= 10035. 8578.1 -121.89 -1000.0	SIG1,SIG2,SIG3= 10036. 8565.9 -1000.0				
S.I.= 11036. SIGE= 10379.					
EL= 1273	NODES= 820 821 881 880	MAT= 1	AREA= 74.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XC,YC,ZC= -10.58 12.37 40.35	PRESS= 1000.0 0.				
MX,MY,MXY= 60.081 -104.76 -19.553					
TOP SX,SY,SKY,SZ= 10199. 6685.5 -12.831 0.	SIG1,SIG2,SIG3= 10199. 6685.5 -.13733E-07				
S.I.= 10199. SIGE= 8974.2					
MID SX,SY,SKY,SZ= 9887.4 7229.4 68.689 -500.00	SIG1,SIG2,SIG3= 9390.4 7226.5 -500.00				
S.I.= 10390. SIGE= 9347.6					
BOT SX,SY,SKY,SZ= 9575.5 7773.3 190.21 -1000.0	SIG1,SIG2,SIG3= 9595.4 7753.5 -1000.0				
S.I.= 10390. SIGE= 9805.0					

EL= 1274	NODES= 797 798 857 857	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	12.12 -11.30 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	-23.897 -196.53 -51561				
TOP	SX, SY, SKY, SZ= 4.22.3 6555.5	-186.10	0.	SIG1, SIG2, SIG3=	9135.7 6542.1 -.10144E-07
	S.I.= 4135.7 SIGE= 8154.4				
MID	SX, SY, SKY, SZ= 9609.8 7575.9	-183.42	-500.00	SIG1, SIG2, SIG3=	9626.2 7559.5 -500.00
	S.I.= 10126. SIGE= 9267.3				
BOT	SX, SY, SKY, SZ= 10097. 8596.2	-180.74	-1000.0	SIG1, SIG2, SIG3=	10119. 8574.8 -1000.0
	S.I.= 11119. SIGE= 10433.				
EL= 1275	NODES= 819 820 880 879	MAT= 1	AREA= 74.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	-5.484 14.93 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	58.749 -108.01 14.579				
TOP	SX, SY, SKY, SZ= 10179. 6555.2	26.635	0.	SIG1, SIG2, SIG3=	10179. 6555.0 -.14175E-07
	S.I.= 10179. SIGE= 8936.0				
MID	SX, SY, SKY, SZ= 9873.5 7116.0	-50.619	-500.00	SIG1, SIG2, SIG3=	9874.4 7115.1 -500.00
	S.I.= 10374. SIGE= 9306.8				
BOT	SX, SY, SKY, SZ= 9568.5 7676.8	-127.87	-1000.0	SIG1, SIG2, SIG3=	9567.1 7668.2 -1000.0
	S.I.= 10577. SIGE= 9763.6				
EL= 1276	NODES= 798 799 857 858	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	12.76 -10.57 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	-113.04 -203.04 3.4866				
TOP	SX, SY, SKY, SZ= 9019.3 6508.6	-207.46	0.	SIG1, SIG2, SIG3=	9036.3 6491.6 -.99333E-08
	S.I.= 9036.3 SIGE= 8070.7				
MID	SX, SY, SKY, SZ= 9606.2 7562.8	-225.57	-500.00	SIG1, SIG2, SIG3=	9630.8 7538.2 -500.00
	S.I.= 10131. SIGE= 9253.5				
BOT	SX, SY, SKY, SZ= 10193. 8617.0	-243.67	-1000.0	SIG1, SIG2, SIG3=	10230. 8580.2 -1000.0
	S.I.= 11230. SIGE= 10503.				
EL= 1277	NODES= 818 819 879 878	MAT= 1	AREA= 67.7	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	-2.048 16.18 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	-55.918 -163.50 28.580				
TOP	SX, SY, SKY, SZ= 9495.3 6277.4	36.606	0.	SIG1, SIG2, SIG3=	9495.7 6277.0 -.12617E-07
	S.I.= 9495.7 SIGE= 8364.5				
MID	SX, SY, SKY, SZ= 9837.5 7126.3	-111.78	-500.00	SIG1, SIG2, SIG3=	9842.1 7121.7 -500.00
	S.I.= 10342. SIGE= 9285.7				
BOT	SX, SY, SKY, SZ= 10180. 7975.2	-260.17	-1000.0	SIG1, SIG2, SIG3=	10210. 7944.9 -1000.0
	S.I.= 11210. SIGE= 10267.				
EL= 1278	NODES= 799 800 860 859	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	13.35 -9.810 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	-139.06 -212.65 9.3002				
TOP	SX, SY, SKY, SZ= 8878.0 6433.6	-15.03	0.	SIG1, SIG2, SIG3=	8896.8 6414.8 -.97462E-08
	S.I.= 8896.8 SIGE= 7951.8				
MID	SX, SY, SKY, SZ= 9600.0 7557.6	-263.31	-500.00	SIG1, SIG2, SIG3=	9633.1 7504.6 -500.00
	S.I.= 10133. SIGE= 9254.3				
BOT	SX, SY, SKY, SZ= 10322. 8641.7	-311.60	-1000.0	SIG1, SIG2, SIG3=	10378. 8585.8 -1000.0
	S.I.= 11378. SIGE= 10595.				
EL= 1279	NODES= 817 818 878 877	MAT= 1	AREA= 61.4	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	2.137 16.20 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	-98.915 -179.79 17.151				
TOP	SX, SY, SKY, SZ= 9264.4 6236.6	27.847	0.	SIG1, SIG2, SIG3=	9264.6 6236.3 -.11849E-07
	S.I.= 9264.6 SIGE= 8182.2				
MID	SX, SY, SKY, SZ= 9777.9 7170.1	-51.201	-500.00	SIG1, SIG2, SIG3=	9779.4 7168.6 -500.00
	S.I.= 10277. SIGE= 9254.4				
BOT	SX, SY, SKY, SZ= 10292. 8103.6	-150.25	-1000.0	SIG1, SIG2, SIG3=	10302. 8093.3 -1000.0
	S.I.= 11302. SIGE= 10375.				
EL= 1280	NODES= 800 801 861 860	MAT= 1	AREA= 14.8	TTOP,TBOT= 0.0 0.0	QUAD SHELL 63
XI, YI, ZI=	9.017 40.35	PRESS=	1000.0 0.		
MX, MY, MXY=	17.554				



EL= 1281	NODES= 816 817 877 876	MAT= 1	AREA= 55.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 5.524	15.29 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -29.547	-189.47 2.9482				
TOP SX, SY, SKY, SZ= 4197.5	6199.9	43.537	0.	SIG1, SIG2, SIG3= 9198.1	6199.3 -1.11698E-07
S.I.= 4198.1	SIGE= 8124.9				
MID SX, SY, SKY, SZ= 9714.3	7183.4	28.230	-500.00	SIG1, SIG2, SIG3= 9714.6	7183.3 -500.00
S.I.= 9715.5	SIGE= 9213.6				
BOT SX, SY, SKY, SZ= 10231.	8167.4	12.923	1000.0	SIG1, SIG2, SIG3= 10231.	8167.3 -1000.0
S.I.= 11231.	SIGE= 10355.				
EL= 1282	NODES= 801 802 862 861	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.43	-8.193 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -226.78	-247.33 29.189				
TOP SX, SY, SKY, SZ= 8400.0	6162.1	-143.77	0.	SIG1, SIG2, SIG3= 8412.0	6150.1 -1.88037E-08
S.I.= 8412.0	SIGE= 7540.0				
MID SX, SY, SKY, SZ= 9577.5	7446.2	-315.51	-500.00	SIG1, SIG2, SIG3= 9623.2	7400.5 -500.00
S.I.= 10123.	SIGE= 9215.1				
BOT SX, SY, SKY, SZ= 10755.	8730.4	-467.0	-1000.0	SIG1, SIG2, SIG3= 10857.	8627.8 -1000.0
S.I.= 11857.	SIGE= 10915.				
EL= 1283	NODES= 815 816 876 875	MAT= 1	AREA= 50.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 8.905	13.75 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -96.155	-202.52 -8.5197				
TOP SX, SY, SKY, SZ= 9152.9	6101.9	57.883	0.	SIG1, SIG2, SIG3= 9154.0	6100.8 -1.11934E-07
S.I.= 9154.0	SIGE= 8072.7				
MID SX, SY, SKY, SZ= 9652.1	7153.3	102.12	-500.00	SIG1, SIG2, SIG3= 9656.3	7149.2 -500.00
S.I.= 10154.	SIGE= 9163.7				
BOT SX, SY, SKY, SZ= 10151.	8204.8	146.35	-1000.0	SIG1, SIG2, SIG3= 10162.	8193.9 -1000.0
S.I.= 11162.	SIGE= 10320.				
EL= 1284	NODES= 802 803 863 862	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.46	-7.341 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -305.34	-278.74 45.727				
TOP SX, SY, SKY, SZ= 7973.5	5929.6	-81.559	0.	SIG1, SIG2, SIG3= 7976.7	5926.3 -1.80450E-08
S.I.= 7976.7	SIGE= 7174.7				
MID SX, SY, SKY, SZ= 9558.8	7376.8	-318.97	-500.00	SIG1, SIG2, SIG3= 9604.5	7331.1 -500.00
S.I.= 10104.	SIGE= 9181.4				
BOT SX, SY, SKY, SZ= 11144.	8824.0	-556.39	-1000.0	SIG1, SIG2, SIG3= 11271.	8697.5 -1000.0
S.I.= 12271.	SIGE= 11208.				
EL= 1285	NODES= 814 815 875 874	MAT= 1	AREA= 45.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 11.36	11.62 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -93.106	-218.33 -16.956				
TOP SX, SY, SKY, SZ= 9110.3	5956.6	48.273	0.	SIG1, SIG2, SIG3= 9111.1	5955.9 -1.12299E-07
S.I.= 9111.1	SIGE= 8013.7				
MID SX, SY, SKY, SZ= 9593.7	7090.2	136.31	-500.00	SIG1, SIG2, SIG3= 9601.1	7082.8 -500.00
S.I.= 10101.	SIGE= 9107.0				
BOT SX, SY, SKY, SZ= 10077.	8223.8	224.35	-1000.0	SIG1, SIG2, SIG3= 10104.	8197.1 -1000.0
S.I.= 11104.	SIGE= 10284.				
EL= 1286	NODES= 803 804 864 863	MAT= 1	AREA= 14.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.25	-8.484 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -431.33	-328.13 69.848				
TOP SX, SY, SKY, SZ= 7294.0	5587.8	75.550	0.	SIG1, SIG2, SIG3= 7297.3	5584.4 -1.66857E-08
S.I.= 7297.3	SIGE= 6609.5				
MID SX, SY, SKY, SZ= 9535.5	7291.4	-287.10	-500.00	SIG1, SIG2, SIG3= 9569.6	7255.2 -500.00
S.I.= 10070.	SIGE= 9135.0				



EL= 1173	NODES= 813 814 874 873	MAT= 1	AREA= 41.4	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 12917.	9.695 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -88.230	-234.20 -22.482				
TOP SX, SY, SKY, SZ= 9084.1	5798.2	9.4047	0.	SIG1, SIG2, SIG3= 9084.1 5798.2 -.12877E-07	
S.I.= 4084.1	SIG= 7966.7				
MID SX, SY, SKY, SZ= 9347.2	7014.2	126.13	-500.00	SIG1, SIG2, SIG3= 9548.5 7007.9 -500.00	
S.I.= 10048.	SIG= 9049.7				
BOT SX, SY, SKY, SZ= 10000.	8230.2	242.66	-1000.0	SIG1, SIG2, SIG3= 10033. 8197.5 -1000.0	
S.I.= 11033.	SIG= 10239.				
EL= 1287	NODES= 804 805 865 864	MAT= 1	AREA= 14.6	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.32	-5.554 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -106.	-245.92 90.230				
TOP SX, SY, SKY, SZ= 9918.7	6009.5	225.14	0.	SIG1, SIG2, SIG3= 8936.0 5992.1 -.11502E-07	
S.I.= 8936.0	SIG= 7887.5				
MID SX, SY, SKY, SZ= 9473.3	7286.3	-243.33	-500.00	SIG1, SIG2, SIG3= 9500.1 7259.5 -500.00	
S.I.= 10007.	SIG= 9089.3				
BOT SX, SY, SKY, SZ= 10028.	6563.1	-711.81	-1000.0	SIG1, SIG2, SIG3= 10317. 8274.2 -1000.0	
S.I.= 11317.	SIG= 10446.				
EL= 1289	NODES= 812 813 873 872	MAT= 1	AREA= 37.5	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 14.60	7.516 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -77.352	-247.78 -24.902				
TOP SX, SY, SKY, SZ= 9088.1	5658.3	-51.251	0.	SIG1, SIG2, SIG3= 9088.9 5657.5 -.13399E-07	
S.I.= 9088.9	SIG= 7249.5				
MID SX, SY, SKY, SZ= 9570.1	6944.8	78.038	-500.00	SIG1, SIG2, SIG3= 9502.5 6942.4 -500.00	
S.I.= 10003.	SIG= 8999.8				
BOT SX, SY, SKY, SZ= 9912.1	8231.2	207.33	-1000.0	SIG1, SIG2, SIG3= 9937.3 8206.0 -1000.0	
S.I.= 10937.	SIG= 10183.				
EL= 1290	NODES= 811 812 872 871	MAT= 1	AREA= 33.9	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.52	5.379 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -65.117	-257.31 -23.897				
TOP SX, SY, SKY, SZ= 9131.0	5561.0	-120.30	0.	SIG1, SIG2, SIG3= 9135.1 5557.0 -.13982E-07	
S.I.= 9135.1	SIG= 7972.8				
MID SX, SY, SKY, SZ= 9469.1	6897.0	3.7746	-500.00	SIG1, SIG2, SIG3= 9469.1 6897.0 -500.00	
S.I.= 9959.1	SIG= 8964.2				
BOT SX, SY, SKY, SZ= 9807.2	8232.9	127.85	-1000.0	SIG1, SIG2, SIG3= 9817.5 8222.6 -1000.0	
S.I.= 10817.	SIG= 10115.				
EL= 1291	NODES= 805 806 866 865	MAT= 1	AREA= 18.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 15.82	-4.498 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= 253.91	-151.92 70.142				
TOP SX, SY, SKY, SZ= 10802.	6483.3	52.942	0.	SIG1, SIG2, SIG3= 302. 6482.6 -.16924E-07	
S.I.= 10802.	SIG= 9417.5				
MID SX, SY, SKY, SZ= 9483.5	7272.1	-311.24	-500.00	SIG1, SIG2, SIG3= 9526.5 7229.1 -500.00	
S.I.= 10026.	SIG= 9098.0				
BOT SX, SY, SKY, SZ= 8165.2	8060.8	-675.42	-1000.0	SIG1, SIG2, SIG3= 8790.4 7435.6 -1000.0	
S.I.= 9790.4	SIG= 9188.2				
EL= 1292	NODES= 806 807 867 866	MAT= 1	AREA= 20.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
XC, YC, ZC= 16.13	-3.246 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= 139.10	-201.05 40.980				
TOP SX, SY, SKY, SZ= 10190.	6094.6	-123.98	0.	SIG1, SIG2, SIG3= 10194. 6090.9 -.16038E-07	
S.I.= 10194.	SIG= 8883.9				
MID SX, SY, SKY, SZ= 9467.9	7138.5	-336.75	-500.00	SIG1, SIG2, SIG3= 9515.6 7090.8 -500.00	
S.I.= 10016.	SIG= 9050.2				
BOT SX, SY, SKY, SZ= 8745.7	8182.3	-549.51	-1000.0	SIG1, SIG2, SIG3= 9081.5 7846.5 -1000.0	
S.I.= 10082.	SIG= 9524.3				
EL= 1293	NODES= 807 808 868 867	MAT= 1	AREA= 22.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63

EL= 1294	NODES= 808 809 869 868	MAT= 1	AREA= 25.2	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KT, YC, ZC= 16.44	-1.840 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= 18.881	-231.43				
TOP SX, SY, SKY, SZ= 9803.2	5829.3	-210.50	0.	SIG1, SIG2, SIG3= 9814.3	5818.1 -1.15638E-07
S.I.= 9814.3	SIGE= 8548.1				
MID SX, SY, SKY, SZ= 9451.1	7030.8	-308.53	-500.00	SIG1, SIG2, SIG3= 9489.8	6992.1 -500.00
S.I.= 9989.8	SIGE= 9004.7				
BOT SX, SY, SKY, SZ= 9099.1	8232.4	-406.56	-1000.0	SIG1, SIG2, SIG3= 9260.0	8071.5 -1000.0
S.I.= 10260.	SIGE= 9720.4				
EL= 1295	NODES= 809 810 870 869	MAT= 1	AREA= 27.8	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KT, YC, ZC= 16.44	-2.740 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= 18.893	-249.80				
TOP SX, SY, SKY, SZ= 9539.5	5652.1	-239.70	0.	SIG1, SIG2, SIG3= 9554.2	5637.4 -1.15353E-07
S.I.= 9514.2	SIGE= 8318.8				
MID SX, SY, SKY, SZ= 9441.4	6949.1	-249.85	-500.00	SIG1, SIG2, SIG3= 9466.2	6924.3 -500.00
S.I.= 9966.2	SIGE= 8969.6				
BOT SX, SY, SKY, SZ= 9343.3	8246.1	-260.01	-1000.0	SIG1, SIG2, SIG3= 9401.8	8187.6 -1000.0
S.I.= 10402.	SIGE= 9851.0				
EL= 1296	NODES= 810 811 871 870	MAT= 1	AREA= 30.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KT, YC, ZC= 16.37	1.457 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -17.242	-259.31	-10.630			
TOP SX, SY, SKY, SZ= 9351.0	5551.3	-226.83	0.	SIG1, SIG2, SIG3= 9364.5	5537.8 -1.15016E-07
S.I.= 9364.5	SIGE= 8154.9				
MID SX, SY, SKY, SZ= 9467.5	6897.7	-171.64	-500.00	SIG1, SIG2, SIG3= 9452.1	6886.2 -500.00
S.I.= 9952.1	SIGE= 8949.4				
BOT SX, SY, SKY, SZ= 9530.0	8244.1	-116.44	-1000.0	SIG1, SIG2, SIG3= 9540.5	8233.6 -1000.0
S.I.= 10541.	SIGE= 9951.6				
EL= 1298	NODES= 810 811 871 870	MAT= 1	AREA= 30.7	TTOP, TBOT= 0.0 0.0	QUAD SHELL 63
KT, YC, ZC= 16.09	3.347 40.35	PRESS= 1000.0	0.		
MX, MY, MXY= -44.689	-261.49	-19.197			
TOP SX, SY, SKY, SZ= 9217.4	5522.4	-183.22	0.	SIG1, SIG2, SIG3= 9226.5	5513.3 -1.14540E-07
S.I.= 9226.5	SIGE= 8040.9				
MID SX, SY, SKY, SZ= 9449.4	6880.1	-83.543	-500.00	SIG1, SIG2, SIG3= 9452.1	6877.3 -500.00
S.I.= 9952.1	SIGE= 8947.1				
BOT SX, SY, SKY, SZ= 9681.4	8237.7	16.129	-1000.0	SIG1, SIG2, SIG3= 9681.6	8237.5 -1000.0
S.I.= 19682.	SIGE= 10038.				
EL= 1297	NODES= 7000 842	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 21.619	SBZ= 93.607	SBY= 5.1498	SIG1= 120.38	SIG3= -77.137
END 2	SDIR= 21.619	SBZ= -27.695	SBY= -2.9168	SIG1= 52.231	SIG3= -8.9923
EL= 1298	NODES= 7000 841	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 56.030	SBZ= 50.427	SBY= -11.743	SIG1= 118.20	SIG3= -6.141
END 2	SDIR= 56.030	SBZ= -28.984	SBY= -7.2097	SIG1= 85.735	SIG3= 26.325
EL= 1299	NODES= 7000 841	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 56.030	SBZ= 50.427	SBY= -11.743	SIG1= 118.20	SIG3= -6.1404
END 2	SDIR= 56.030	SBZ= -28.984	SBY= -7.2097	SIG1= 85.735	SIG3= 26.325
EL= 1300	NODES= 7000 843	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 30.549	SBZ= 106.33	SBY= 2.2901	SIG1= 139.17	SIG3= -78.070
END 2	SDIR= 30.549	SBZ= -19.126	SBY= -2.3160	SIG1= 51.991	SIG3= 9.1068
EL= 1301	NODES= 7000 894	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 72.896	SBZ= 116.78	SBY= -5.0644	SIG1= 194.74	SIG3= -48.949
END 2	SDIR= 72.896	SBZ= -56.837	SBY= .76921E-01	SIG1= 129.80	SIG3= 15.988
EL= 1302	NODES= 7000 844	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4
END 1	SDIR= 36.092	SBZ= 110.06	SBY= -1.15650	SIG1= 146.31	SIG3= -74.126
END 2	SDIR= 36.092	SBZ= -23.208	SBY= -1.7122	SIG1= 61.013	SIG3= 11.172
EL= 1303	NODES= 7000 893	MAT= 1	TCENT, TTOPZ, TBOTY= 0.0 0.0 0.0	QZ, QY= 0. 0.	3-D BEAM 4

EL= 1304	NODES= 7000	845	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 82.730		SBZ= 111.84	SBY= -1.5313	SIG1= 153.08		SIG3= -73.675					
END 2	SDIR= 39.730		SBZ= -26.095	SBY= -1.2582	SIG1= 67.053		SIG3= 12.347					
EL= 1305	NODES= 7000	842	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 82.768		SBZ= 136.17	SBY= -7.9348	SIG1= 226.83		SIG3= -61.298					
END 2	SDIR= 82.768		SBZ= -57.380	SBY= .59471	SIG1= 140.74		SIG3= 24.793					
EL= 1306	NODES= 7000	846	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 42.073		SBZ= 113.28	SBY= -2.1218	SIG1= 157.47		SIG3= -73.325					
END 2	SDIR= 42.073		SBZ= -28.023	SBY= -.92299	SIG1= 71.019		SIG3= 13.127					
EL= 1307	NODES= 7000	841	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 88.380		SBZ= 151.05	SBY= -8.9049	SIG1= 248.33		SIG3= -71.574					
END 2	SDIR= 88.380		SBZ= -60.631	SBY= .94390	SIG1= 149.95		SIG3= 26.806					
EL= 1308	NODES= 7000	847	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 43.664		SBZ= 114.60	SBY= -2.2200	SIG1= 160.48		SIG3= -73.153					
END 2	SDIR= 43.664		SBZ= -29.357	SBY= -.63564	SIG1= 73.706		SIG3= 13.621					
EL= 1309	NODES= 7000	890	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 95.409		SBZ= 170.73	SBY= -8.9826	SIG1= 275.12		SIG3= -84.299					
END 2	SDIR= 95.409		SBZ= -65.154	SBY= 1.1703	SIG1= 161.73		SIG3= 29.085					
EL= 1310	NODES= 7000	898	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 44.746		SBZ= 115.85	SBY= -2.0164	SIG1= 162.61		SIG3= -73.123					
END 2	SDIR= 44.746		SBZ= -30.302	SBY= -.52291	SIG1= 75.571		SIG3= 13.921					
EL= 1311	NODES= 7000	889	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 103.65		SBZ= 196.60	SBY= -8.2699	SIG1= 308.53		SIG3= -101.22					
END 2	SDIR= 103.65		SBZ= -70.721	SBY= 1.2892	SIG1= 175.66		SIG3= 31.641					
EL= 1312	NODES= 7000	849	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 45.481		SBZ= 117.05	SBY= -1.6247	SIG1= 164.15		SIG3= -73.189					
END 2	SDIR= 45.481		SBZ= -30.970	SBY= -.41521	SIG1= 76.867		SIG3= 14.096					
EL= 1313	NODES= 7000	888	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 112.94		SBZ= 229.97	SBY= -6.9867	SIG1= 349.89		SIG3= -124.01					
END 2	SDIR= 112.94		SBZ= -77.216	SBY= 1.3299	SIG1= 191.49		SIG3= 34.395					
EL= 1314	NODES= 7000	850	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 45.964		SBZ= 118.17	SBY= -1.1145	SIG1= 165.25		SIG3= -73.321					
END 2	SDIR= 45.964		SBZ= -31.428	SBY= -.34686	SIG1= 77.739		SIG3= 14.189					
EL= 1315	NODES= 7000	887	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 123.19		SBZ= 271.42	SBY= -5.5200	SIG1= 400.13		SIG3= -153.75					
END 2	SDIR= 123.19		SBZ= -84.580	SBY= 1.3254	SIG1= 209.10		SIG3= 37.286					
EL= 1316	NODES= 7000	851	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 46.250		SBZ= 119.72	SBY= -1.53202	SIG1= 166.00		SIG3= -73.500					
END 2	SDIR= 46.250		SBZ= -31.715	SBY= -.30495	SIG1= 78.270		SIG3= 14.231					
EL= 1317	NODES= 7000	886	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 134.39		SBZ= 320.34	SBY= -4.4792	SIG1= 459.21		SIG3= -190.43					
END 2	SDIR= 134.39		SBZ= -92.790	SBY= 1.3127	SIG1= 228.49		SIG3= 40.287					
EL= 1318	NODES= 7000	852	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4
END 1	SDIR= 46.372		SBZ= 120.18	SBY= -.89617E-01	SIG1= 166.64		SIG3= -73.896					
END 2	SDIR= 46.372		SBZ= -31.853	SBY= -.27837	SIG1= 78.503		SIG3= 14.241					
EL= 1319	NODES= 7000	885	MAT= 1	TCENT, TTOPZ, TBOZY=	0.0	0.0	0.0	QZ, QY=	0.	0.	3-D BEAM	4



END 1	SDIR= 146.59	SBZ= 374.23	SBY= -4.6731	SIG1= 525.49	SIG3= -232.31		
END 2	SDIR= 146.59	SBZ= -101.84	SBY= 1.3314	SIG1= 249.76	SIG3= 43.421		
EL= 1320	NODES= 7000	853	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 46.347	SBZ= 121.04	SBY= .72326	SIG1= 168.11	SIG3= -75.418		
END 2	SDIR= 46.347	SBZ= -31.856	SBY= -.25702	SIG1= 78.460	SIG3= 14.234		
EL= 1321	NODES= 7000	884	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 159.75	SBZ= 428.29	SBY= -6.9096	SIG1= 595.15	SIG3= -275.25		
END 2	SDIR= 159.75	SBZ= -111.77	SBY= 1.4156	SIG1= 273.13	SIG3= 46.769		
EL= 1322	NODES= 7000	854	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 46.182	SBZ= 121.72	SBY= 1.3447	SIG1= 169.32	SIG3= -76.957		
END 2	SDIR= 46.182	SBZ= -31.728	SBY= -.23132	SIG1= 78.141	SIG3= 14.222		
EL= 1323	NODES= 7000	883	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 174.85	SBZ= 475.50	SBY= -11.361	SIG1= 661.71	SIG3= -312.01		
END 2	SDIR= 174.85	SBZ= -122.76	SBY= 1.3614	SIG1= 299.17	SIG3= 50.529		
EL= 1324	NODES= 7000	855	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 45.873	SBZ= 122.42	SBY= 1.9301	SIG1= 170.23	SIG3= -78.479		
END 2	SDIR= 45.873	SBZ= -31.467	SBY= -.19181	SIG1= 77.532	SIG3= 14.215		
EL= 1325	NODES= 7000	882	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 192.01	SBZ= 507.80	SBY= -15.898	SIG1= 715.71	SIG3= -331.69		
END 2	SDIR= 192.01	SBZ= -135.17	SBY= 1.6971	SIG1= 328.88	SIG3= 55.145		
EL= 1326	NODES= 7000	856	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 45.408	SBZ= 122.91	SBY= 2.4533	SIG1= 170.77	SIG3= -79.959		
END 2	SDIR= 45.408	SBZ= -31.061	SBY= -.12871	SIG1= 76.598	SIG3= 14.218		
EL= 1327	NODES= 7000	881	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 211.98	SBZ= 523.48	SBY= -14.197	SIG1= 749.65	SIG3= -325.70		
END 2	SDIR= 211.98	SBZ= -148.85	SBY= 1.8035	SIG1= 362.63	SIG3= 61.323		
EL= 1328	NODES= 7000	857	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 44.759	SBZ= 123.25	SBY= 2.8827	SIG1= 170.89	SIG3= -81.376		
END 2	SDIR= 44.759	SBZ= -30.491	SBY= -.31594E-01	SIG1= 75.281	SIG3= 14.237		
EL= 1329	NODES= 7000	880	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 222.91	SBZ= 520.40	SBY= 1.2880	SIG1= 744.60	SIG3= -298.77		
END 2	SDIR= 222.91	SBZ= -155.78	SBY= -.60889E-02	SIG1= 378.70	SIG3= 67.133		
EL= 1330	NODES= 7000	858	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 43.880	SBZ= 123.43	SBY= 3.1754	SIG1= 170.48	SIG3= -82.722		
END 2	SDIR= 43.880	SBZ= -29.718	SBY= -.11105	SIG1= 73.708	SIG3= 14.051		
EL= 1331	NODES= 7000	879	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 212.88	SBZ= 502.26	SBY= 16.563	SIG1= 731.70	SIG3= -305.94		
END 2	SDIR= 212.88	SBZ= -148.95	SBY= -1.8270	SIG1= 363.65	SIG3= 62.106		
EL= 1332	NODES= 7000	859	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 42.697	SBZ= 123.42	SBY= 3.2685	SIG1= 169.39	SIG3= -83.992		
END 2	SDIR= 42.697	SBZ= -28.679	SBY= .31186	SIG1= 71.688	SIG3= 13.706		
EL= 1333	NODES= 7000	878	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 193.52	SBZ= 473.94	SBY= 17.648	SIG1= 685.11	SIG3= -298.07		
END 2	SDIR= 193.52	SBZ= -135.38	SBY= -1.7402	SIG1= 330.64	SIG3= 56.393		
EL= 1334	NODES= 7000	860	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4
END 1	SDIR= 41.103	SBZ= 123.21	SBY= 3.0627	SIG1= 167.79	SIG3= -85.171		
END 2	SDIR= 41.103	SBZ= -27.268	SBY= .58317	SIG1= 68.154	SIG3= 13.252		
EL= 1335	NODES= 7000	877	MAT= 1 TCENT,TTOPZ,TBOTY=	0.0	0.0	0.0	QZ,QY= 0. 0. 3-D BEAM 4



END I	SDIR= 176.32	SBZ= 41.16	SBY= 12.156	SIG1= 626.94	SIG3= -273.69						
END J	SDIR= 176.62	SBZ= -123.08	SBY= -1.6077	SIG1= 301.31	SIG3= 51.930						
EL= 1336	NODES= 7000	861	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 38.962	SBZ= 122.74	SBY= 2.4044	SIG1= 164.10	SIG3= -86.179						
END J	SDIR= -38.962	SBZ= -25.293	SBY= .03010	SIG1= 65.185	SIG3= 12.739						
EL= 1337	NODES= 7000	876	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 161.69	SBZ= 394.73	SBY= 6.5751	SIG1= 563.00	SIG3= -239.62						
END J	SDIR= 161.69	SBZ= -112.17	SBY= -1.4364	SIG1= 275.30	SIG3= 48.081						
EL= 1338	NODES= 7000	862	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 36.188	SBZ= 121.72	SBY= 1.0992	SIG1= 159.01	SIG3= -84.636						
END J	SDIR= 36.188	SBZ= -22.427	SBY= 1.3270	SIG1= 59.942	SIG3= 12.434						
EL= 1339	NODES= 7000	875	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 148.06	SBZ= 349.01	SBY= 3.2952	SIG1= 500.37	SIG3= -204.25						
END J	SDIR= 148.06	SBZ= -102.28	SBY= -1.3018	SIG1= 251.64	SIG3= 44.482						
EL= 1340	NODES= 7000	863	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 33.054	SBZ= 118.68	SBY= -.86286	SIG1= 152.59	SIG3= -86.486						
END J	SDIR= 33.054	SBZ= -18.542	SBY= 1.6830	SIG1= 53.279	SIG3= 12.829						
EL= 1341	NODES= 7000	874	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 135.45	SBZ= 305.34	SBY= 2.3488	SIG1= 443.13	SIG3= -172.24						
END J	SDIR= 135.45	SBZ= -93.257	SBY= -1.2215	SIG1= 229.88	SIG3= 41.019						
EL= 1342	NODES= 7000	864	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 30.690	SBZ= 106.24	SBY= -2.0745	SIG1= 139.00	SIG3= -77.625						
END J	SDIR= 30.690	SBZ= -27.408	SBY= 1.4642	SIG1= 59.562	SIG3= 1.8182						
EL= 1343	NODES= 7000	873	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 123.78	SBZ= 266.38	SBY= 3.0081	SIG1= 393.17	SIG3= -145.60						
END J	SDIR= 123.78	SBZ= -84.928	SBY= -1.1763	SIG1= 209.89	SIG3= 37.679						
EL= 1344	NODES= 7000	865	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 83.885	SBZ= 114.12	SBY= 17.917	SIG1= 215.92	SIG3= -48.153						
END J	SDIR= 83.885	SBZ= -55.156	SBY= 1.1221	SIG1= 140.16	SIG3= 27.606						
EL= 1345	NODES= 7000	872	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 113.08	SBZ= 233.31	SBY= 4.4351	SIG1= 350.83	SIG3= -124.67						
END J	SDIR= 113.08	SBZ= -77.456	SBY= -1.1373	SIG1= 191.67	SIG3= 34.486						
EL= 1346	NODES= 7000	871	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 103.39	SBZ= 206.22	SBY= 5.9325	SIG1= 315.54	SIG3= -108.76						
END J	SDIR= 103.39	SBZ= -70.828	SBY= -1.0736	SIG1= 175.29	SIG3= 31.490						
EL= 1347	NODES= 7000	866	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 79.364	SBZ= 132.27	SBY= 5.4574	SIG1= 217.09	SIG3= -58.360						
END J	SDIR= 79.364	SBZ= -55.762	SBY= .86341	SIG1= 136.99	SIG3= 21.738						
EL= 1348	NODES= 7000	867	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 78.941	SBZ= 141.21	SBY= 5.5090	SIG1= 225.66	SIG3= -67.778						
END J	SDIR= 78.941	SBZ= -55.490	SBY= .13113	SIG1= 134.56	SIG3= 23.320						
EL= 1349	NODES= 7000	868	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 82.042	SBZ= 152.93	SBY= 6.1927	SIG1= 241.76	SIG3= -77.680						
END J	SDIR= 82.042	SBZ= -57.065	SBY= -.3112	SIG1= 139.50	SIG3= 24.582						
EL= 1350	NODES= 7000	869	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4
END I	SDIR= 87.581	SBZ= 167.04	SBY= 7.3550	SIG1= 261.98	SIG3= -86.818						
END J	SDIR= 87.581	SBZ= -60.443	SBY= -.74025	SIG1= 148.76	SIG3= 26.398						
EL= 1351	NODES= 7000	870	MAT= 1	TCENT, TTOPZ, TBOTY=	0.0	0.0	0.0	QZ, QY= 0.	0.	3-D BEAM	4



SWR1 90 DEGREE ELBOW WITH GROOVE PLATE MODEL

12.4825 86/12/16 CP= 1806.925

REACTION FORCES \*\*\*\*\* TIME = 0.

LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NOTE - REACTION FORCES ARE IN THE NODAL COORDINATE SYSTEM

NODE	FX	FY	FZ	MX	MY	MZ
3601	-12526.2	-4498.47	-1183.76	-4871.53		62136.6
3602	-791.007	-5763.16	-312.613	7671.74		37499.0
3603	-7926.81	-4539.09	-31.7211	954.335		28183.5
3604	-5648.33	-6167.76	-86.7157	698.932		23806.5
3605	-6063.98	-4504.82	-193.698	319.576		30547.4
3606	-6354.66	-4686.28	-252.829	93.0763		34870.5
3607	-6530.58	-4820.38	-293.951	-36.4660		37164.6
3608	-6579.29	-4934.04	-323.854	-97.7721		38121.0
3609	-6556.92	-5046.29	-345.852	-111.612		38406.9
3610	-6502.06	-5168.36	-362.314	-94.9770		38316.5
3611	-6442.52	-5293.34	-374.490	-59.3078		37905.5
3612	-6360.64	-5451.59	-382.785	-12.8531		37197.9
3613	-6261.40	-5613.39	-387.410	36.6151		36233.0
3614	-6146.76	-5788.45	-388.434	82.1015		35045.4
3615	-6018.03	-5975.58	-385.899	117.069		33658.5
3616	-581.55	-6172.70	-380.001	134.917		32085.3
3617	-5718.64	-6376.75	-371.228	128.943		30325.8
3618	-5544.69	-6583.33	-360.752	91.6845		28361.2
3619	-5348.13	-6784.37	-350.892	14.1842		26146.0
3620	-5111.30	-6976.35	-346.357	-114.356		23613.1
3621	-4829.61	-7149.73	-350.795	-305.288		20763.6
3622	-4215.10	-7282.52	-379.101	-570.525		18102.2
3623	-4604.17	-7672.80	-309.652	-781.668		20271.5
3624	1296.55	-8463.30	12.4844	-2235.95		29462.3
3625	-12628.5	-8842.42	544.250	3091.79		36367.8
3626	-7209.71	-11210.5	-68.8952	-794.438		36638.1
3627	-7277.40	-12850.5	159.366	-599.083		35979.1
3628	-7967.94	-14542.1	350.099	-527.988		35992.7
3629	-8390.27	-16488.1	560.112	-494.104		35840.3
3630	-8961.68	-18711.7	775.808	-468.017		36311.4
3631	-9732.83	-21180.1	981.889	-435.259		37385.6
3632	-10711.8	-23805.1	1153.10	-388.788		38815.2
3633	-11857.5	-26463.9	1267.63	-318.592		40364.6
3634	-13114.2	-29023.7	1321.36	-224.462		41844.6
3635	-14396.0	-31400.9	1348.24	-109.903		43068.8
3636	-15612.3	-33642.3	1400.20	31.5312		44085.9
3637	-16790.8	-35910.9	1438.11	216.100		44465.4
3638	-17947.0	-38431.9	1171.90	437.990		48092.5
3639	-19570.4	-41782.0	388.320	708.942		52648.7
3640	-20667.1	-45104.7	-1139.10	521.960		57930.4
3641	-19769.6	-48125.0	-2572.73	136.551		61579.3
3642	-17813.1	-44006.4	-2966.56	165.508		63360.1
3643	-16455.4	-39836.5	-2406.03	192.914		65443.5
3644	-15493.5	-34296.3	-1353.00	117.732		68500.6
3645	-14865.2	-28422.4	-377.090	-83.5110		71145.8
3646	-14373.1	-22996.6	271.096	-231.554		72401.6
3647	-13942.0	-18454.2	585.701	-300.960		72622.9

Small 40 DEGREE ELBOW WITH GROOVE PLATE MODEL 12.4828 86/12/16 CP= 1806.277

REACTION FORCES TIME = 0. LOAD STEP= 1 ITERATION= 1 CUM. ITER.= 1

NOTE - REACTION FORCES ARE IN THE NODAL COORDINATE SYSTEM

NODE	FX	FY	FZ	MX	MY	MZ
2648	-13484.9	-14885.0	606.282	-332.856		72006.3
2649	-12722.1	-12168.4	519.943	-338.380		70481.2
2650	-12287.2	-10154.5	565.765	-308.205		68211.3
2651	-11439.3	-8332.13	227.101	-216.959		65863.7
2652	-11157.1	-7584.93	129.754	-22.1231		64843.1
2653	-10186.4	-677.2	61.0374	235.313		64483.2
2654	-10154.0	-577.2	4.95795	751.690		64823.1
TOTAL	-55595.	-849217.	-3433.04	-2536.29	0.	.239089E+07

WARNING - TOTALS MAY NOT BE CORRECT IF REACTION NODES ARE ROTATED.  
 SEE NODE DEFINITIONS.

ELEM. TYPE	STRESS STIFF	CALC. TOTAL CP	TIMES	AVE CP
1	756	63	50.344	.067
2	540	63	35.914	.067
3	55	4	.372	.007

ELEM. TYPE	NODAL FORCE STIFF	CALC. TOTAL CP	TIMES	AVE CP
1	756	63	2.726	.004
2	540	63	2.198	.004
3	55	4	.241	.004

LOAD STEP 1 ITER 1 COMPLETED. TIME= 0. TIME INC= 0. NEW TRIANG MATRIX CUM. ITER.= 1

REAL STORAGE REQUIREMENTS FOR STRESS AND FORCE CALCULATIONS CP= 1807.112 TIME= 12.48306  
 MEMORY I= 7650 MEMORY II= 84000 TOTAL= 91850 AVAILABLE MEMORY I= 45000 MEMORY II= 1015798

STORAGE REQUIREMENT SUMMARY  
 MAXIMUM CENTRAL MEMORY USED = 7852  
 MAXIMUM AUXILIARY MEMORY USED = 84000  
 MAXIMUM TOTAL MEMORY USED = 91850  
 MAXIMUM AUXILIARY AVAILABLE = 1015798

PROBLEM STATISTICS  
 NO. OF ACTIVE DEGREES OF FREEDOM = 7836  
 R.M.S. WAVEFRONT SIZE = 332.5

ANSYS BINARY FILE STATISTICS  
 BUFFER SIZE USED= 1022  
 PAST DATA WRITTEN ON FILE12  
 RESTART DATA WRITTEN ON FILE 3 ( 821393 WORDS)  
 TRIANGULARIZED MATRIX WRITTEN ON FILE11 ( 5556006 WORDS)

END OF INPUT ENCOUNTERED ON FILE27



INPUT FILE SWITCHED FROM FILE27 TO FILE18

45 DEGREE ELBOW WITH GROOVE PLATE MODEL

ANSYS RUN TIME ESTIMATOR

ANSYS RUN TIME ESTIMATOR

COMPUTER = CYBER 855  
 ANALYSIS TYPE = 0  
 NUMBER OF NODES = 1306  
 MAX. DOF PER NODE = 6  
 NUMBER OF MATRICES = 1  
 NUMBER OF STRESS SOLUTIONS = 1  
 NUMBER OF MASTER DOF = 0  
 RMS WAVE FRONT = 333  
 TOTAL NO. OF ITERATIONS = 1  
 STIFF. MATRIX SAVE KEY = 0  
 ELEM. MATRIX SAVE KEY = 0  
 ROTATED NODE FRACTION = 0.000

STIFF NUMBER FORM. TIME STRESS TIME NAME  
 4 .082  
 43 1.098 1.336 ELASTIC BEAM, 3-0  
 .627 QUAD. FLAT SHELL

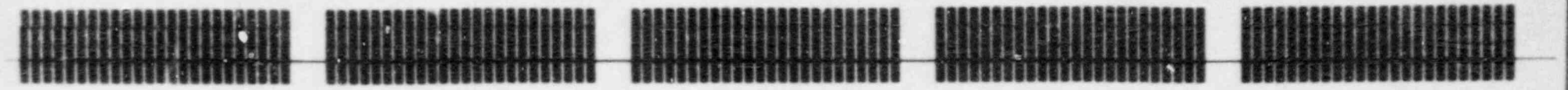
ANALYSIS PHASE	FIRST ITERATION	SUBSEQUENT ITERATIONS	TOTAL
ELEMENT FORMULATION	93.12	93.12	93.12
WAVE FRONT SOLUTION	850.22	850.22	850.22
BACK SUBSTITUTION	17.02	17.02	17.02
ELEMENT STRESSES	53.49	53.49	53.49
TOTAL TIME (SEC)	1013.86	1013.86	1013.86

ROUTINE COMPLETED CP = 1807.174









INDEX		INDEX		INDEX		INDEX		INDEX	
FRAME TITLE.....	FRAME	FRAME TITLE.....	FRAME	FRAME TITLE.....	FRAME	FRAME TITLE.....	FRAME	FRAME TITLE.....	FRAME
RE 70 DEGREE ELBOW M	B 1	ANSYS - ENGINEE	K 4	SY,SXY,SZ= 17969.	E 8	SY,SXY,SZ= 11464.	N11		H15
	C 1	ANSYS - ENGINEE	L 4	C= -6.484	22.63 F 8	SY,SXY,SZ= 15645.	O11	SY,SXY,SZ= 12882.	I15
	D 1	ANSYS - ENGINEE	M 4	SY,SXY,SZ= 14176.	G 8	C= -13.15	-9.824 P11	SY,SXY,SZ= 18042.	J15
	E 1	ANSYS - ENGINEE	N 4		H 8	SY,SXY,SZ= 14344.	B12	C= 16.44	-2.740 K15
ANSYS - ENGINEE	F 1	ANSYS - ENGINEE	O 4	SY,SXY,SZ= 15614.	I 8		C12	SY,SXY,SZ= 15121.	L15
300000	G 1	ANSYS - ENGINEE	P 4	SY,SXY,SZ= 13882.	J 8	SY,SXY,SZ= 18270.	D12		M15
	H 1	ANSYS - ENGINEE	B 5	C= 11.44	-6.689 K 8	SY,SXY,SZ= 15245.	E12	SY,SXY,SZ= 12763.	N15
N NODE=7100	I 1	ANSYS - ENGINEE	C 5	SY,SXY,SZ= 16767.	L 8	C= -2.048	16.18 F12	SY,SXY,SZ= 15074.	O15
	J 1	ANSYS - ENGINEE	D 5		M 8	SY,SXY,SZ= 14091.	G12	C= -16.26	-1.976 P15
3602 3601 3541	K 1	ANSYS - ENGINEE	E 5	SY,SXY,SZ= 21539.	N 8		H12	SY,SXY,SZ= 14793.	B16
	L 1	ANSYS - ENGINEE	F 5	SY,SXY,SZ= 17325.	O 8	SY,SXY,SZ= 13698.	I12		C16
721 USED FOR NODES	M 1	ANSYS - ENGINEE	G 5	C= -11.64	-6.332 P 8	SY,SXY,SZ= 15010.	J12	SY,SXY,SZ= 13950.	D16
LIST= 1 TOTAL ENT	N 1	ANSYS - ENGINEE	H 5	SY,SXY,SZ= 9727.8	B 9	C= 10.72	-12.63 K12	SY,SXY,SZ= 11536.	E16
3135 3134 3135	O 1	ANSYS - ENGINEE	I 5		C 9	SY,SXY,SZ= 15155.	L12	C= -1.825	-16.41 F16
437 460 438	P 1	ANSYS - ENGINEE	J 5	SY,SXY,SZ= 7066.2	D 9		M12	SY,SXY,SZ= 14610.	G16
SWRI 70 DEGREE ELBOW	B 2	ANSYS - ENGINEE	K 5	SY,SXY,SZ= 15283.	E 9	SY,SXY,SZ= 15538.	N12		H16
ANSYS - ENGINEE	C 2	ANSYS - ENGINEE	L 5	C= 15.82	-3.159 F 9	SY,SXY,SZ= 14202.	O12	SY,SXY,SZ= 13889.	I16
M NODE NUMBER FOR AV	D 2	ANSYS - ENGINEE	M 5	SY,SXY,SZ= 13927.	G 9	C= -9.152	-15.92 P12	SY,SXY,SZ= 15678.	J16
ANSYS - ENGINEE	E 2	ANSYS - ENGINEE	N 5		H 9	SY,SXY,SZ= 14008.	B13	C= -6.484	14.93 K16
104	F 2	ANSYS - ENGINEE	O 5	SY,SXY,SZ= 7547.3	I 9		C13	SY,SXY,SZ= 14836.	L16
336	G 2	ANSYS - ENGINEE	P 5	SY,SXY,SZ= 12027.	J 9	SY,SXY,SZ= 13955.	D13		M16
336	H 2	ANSYS - ENGINEE	B 6	C= -6.961	-14.25 K 9	SY,SXY,SZ= 15922.	E13	SY,SXY,SZ= 14126.	N16
336	I 2	ANSYS - ENGINEE	C 6	SY,SXY,SZ= 11155.	L 9	C= 15.55	-5.554 F13	SY,SXY,SZ= 17774.	O16
336	J 2	ANSYS - ENGINEE	D 6		M 9	SY,SXY,SZ= 15192.	G13	C= -8.487	-14.08 P16
336	K 2	SY,SXY,SZ= 6791.2	E 6	SY,SXY,SZ= 10033.	N 9		H13	SY,SXY,SZ= 15402.	B17
336	L 2	C= 8.366	42.55 F 6	SY,SXY,SZ= 9922.9	O 9	SY,SXY,SZ= 10677.	I13		C17
336	M 2	SY,SXY,SZ= 6946.0	G 6	C= 11.36	12.20 P 9	SY,SXY,SZ= 15862.	J13	SY,SXY,SZ= 14554.	D17
336	N 2		H 6	SY,SXY,SZ= 14956.	B10	C= -11.64	-11.59 K13	SY,SXY,SZ= 17310.	E17
336	O 2	SY,SXY,SZ= 8406.5	I 6		C10	SY,SXY,SZ= 14544.	L13	C= 15.25	-6.464 F17
336	P 2	SY,SXY,SZ= 11726.	J 6	SY,SXY,SZ= 13139.	D10		M13	SY,SXY,SZ= 15423.	G17
336	B 3	C= -16.26	44.14 K 6	SY,SXY,SZ= 14503.	E10	SY,SXY,SZ= 11730.	N13		H17
336	C 3	SY,SXY,SZ= 6477.9	L 6	C= 7.520	-14.54 F10	SY,SXY,SZ= 11669.	O13	SY,SXY,SZ= 12921.	I17
336	D 3		M 6	SY,SXY,SZ= 14621.	G10	C= 13.24	9.695 P13	SY,SXY,SZ= 14832.	J17
336	E 3	SY,SXY,SZ= 15961.	N 6		H10	SY,SXY,SZ= 15556.	B14	C= -15.60	-5.031 K17
336	F 3	SY,SXY,SZ= 14802.	O 6	SY,SXY,SZ= 16309.	I10		C14	SY,SXY,SZ= 14561.	L17
336	G 3	C= 14.40	28.54 P 6	SY,SXY,SZ= 16087.	J11	SY,SXY,SZ= 13027.	D14		M17
336	H 3	SY,SXY,SZ= 16689.	B 7	C= -16.30	1.638 F11	SY,SXY,SZ= 14490.	E14	SY,SXY,SZ= 11754.	N17
336	I 3		C 7	SY,SXY,SZ= 14202.	L10	C= -16.30	1.469 F14	SY,SXY,SZ= 9795.2	O17
336	J 3	SY,SXY,SZ= 21989.	D 7		M10	SY,SXY,SZ= 14300.	G14	C= 14.60	7.516 P17
324	K 3	SY,SXY,SZ= 15854.	E 7	SY,SXY,SZ= 13982.	N10		H14	SY,SXY,SZ= 14955.	B18
I= 7850 MEMORY	L 3	C= -1.825	10.31 F 7	SY,SXY,SZ= 14626.	O10	SY,SXY,SZ= 15973.	I14		C18
ANSYS - ENGINEE	M 3	SY,SXY,SZ= 12813.	G 7	C= 13.90	-8.961 P10	SY,SXY,SZ= 15923.	J14	SY,SXY,SZ= 13363.	D18
ANSYS - ENGINEE	N 3		H 7	SY,SXY,SZ= 15135.	B11	C= -2.894	-16.19 K14	SY,SXY,SZ= 16249.	E18
M NODE NUMBER FOR AV	O 3	SY,SXY,SZ= 13267.	I 7		C11	SY,SXY,SZ= 14019.	L14	C= -10.58	12.37 F18
ANSYS - ENGINEE	P 3	SY,SXY,SZ= 17336.	J 7	SY,SXY,SZ= 17769.	D11		M14	SY,SXY,SZ= 14820.	G18
T= 7850 MEMORY	B 4	C= 16.09	22.24 K 7	SY,SXY,SZ= 15790.	E11	SY,SXY,SZ= 13823.	N14		H18
ANSYS - ENGINEE	C 4	SY,SXY,SZ= 18932.	L 7	C= -5.510	-15.49 F11	SY,SXY,SZ= 15077.	O14	SY,SXY,SZ= 16084.	I18
ANSYS - ENGINEE	D 4		M 7	SY,SXY,SZ= 14147.	G11	C= 13.35	-9.810 P14	SY,SXY,SZ= 19699.	J18
ANSYS - ENGINEE	E 4	SY,SXY,SZ= 14077.	N 7		H11	SY,SXY,SZ= 14581.	B15	C= -6.961	-14.90 K18
ANSYS - ENGINEE	F 4	SY,SXY,SZ= 16359.	O 7	SY,SXY,SZ= 13484.	I11		C15	SY,SXY,SZ= 14823.	L18
ANSYS - ENGINEE	G 4	C= 3.909	-1.777 P 7	SY,SXY,SZ= 18687.	J11	SY,SXY,SZ= 15006.	D15		M18
ANSYS - ENGINEE	H 4	SY,SXY,SZ= 13090.	B 8	C= 16.37	1.484 K11	SY,SXY,SZ= 16561.	E15	SY,SXY,SZ= 17359.	N18
ANSYS - ENGINEE	I 4		C 8	SY,SXY,SZ= 16075.	L11	C= -10.06	-12.99 F15	SY,SXY,SZ= 16766.	O18
ANSYS - ENGINEE	J 4	SY,SXY,SZ= 15195.	D 8		M11	SY,SXY,SZ= 14435.	G15		P18

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SV,SKY,SZ=	16684.	C 1	L 4	F 8	O 11	I 5
		D 1	M 4	G 8	P 1	J 5
SV,SKY,SZ=	8379.6	E 1	N 4	H 8	B 12	K 5
SV,SKY,SZ=	10091.	F 1	O 4	I 8	C 12	L 5
C= -14.52	-7.647	G 1	P 4	J 8	D 12	M 5
SV,SKY,SZ=	9778.2	H 1	B 5	K 8	E 12	N 5
		I 1	C 5	L 8	F 12	O 5
SV,SKY,SZ=	8681.8	J 1	D 5	M 8	G 12	P 5
SV,SKY,SZ=	11773.	K 1	E 5	N 8	H 12	B 6
C= 16.34	-1.840	L 1	F 5	O 8	I 12	C 6
SDIR=	78.392	M 1	G 5	P 8	J 12	D 6
SDIR=	146.59	N 1	H 5	B 9	K 12	E 6
SDIR=	176.62	O 1	I 5	C 9	L 12	F 6
SDIR=	94.827	P 1	J 5	D 9	M 12	G 6
ANSYS - ENGINEE		B 2	K 5	E 9	N 12	H 6
ANSYS - ENGINEE		C 2	L 5	F 9	O 12	I 6
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